# Final Engineering Report

*Tecumseh Phase III Business Park*
*Sites III-2 & III-3*
*NYSDEC Site Nos. C915199B & C915199C*
*Lackawanna, New York*

November 2016 0351-016-002/003

Prepared For:

Steel Sun 2 LLC

Prepared By:

BENCHMARK
ENVIRONMENTAL
ENGINEERING &
SCIENCE, PLLC

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# BROWNFIELD CLEANUP PROGRAM

# FINAL ENGINEERING REPORT

## SITES III-2 & III-3: TECUMSEH PHASE III BUSINESS PARK
## NYSDEC SITE NUMBERS C915199B & C915199C
## LACKAWANNA, NEW YORK

November 2016 0351-016-002/003

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2558 Hamburg Turnpike, Suite 300
Buffalo, NY 14218
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# CERTIFICATIONS

I, Thomas H. Forbes, P.E., am currently a registered Professional Engineer licensed by the State of New York, I had primary direct responsibility for implementation of the remedial program activities, and I certify that the August 2015 Remedial Action Work Plan was implemented and that all construction activities were completed in substantial conformance with the Department-approved Remedial Action Work Plan for Sites C915199B and C915199C.

I certify that the data submitted to the Department with this Final Engineering Report demonstrates that the remediation requirements set forth in the Remedial Action Work Plan and in all applicable statutes and regulations have been or will be achieved in accordance with the time frames, if any, established in for the remedy.

I certify that all use restrictions, Institutional Controls, Engineering Controls, and/or any operation and maintenance requirements applicable to the Site are contained in an environmental easement created and recorded pursuant ECL 71-3605 and that all affected local governments, as defined in ECL 71-3603, have been notified that such easement has been recorded.

I certify that a Site Management Plan has been submitted for the continual and proper operation, maintenance, and monitoring of all Engineering Controls employed at the Site, including the proper maintenance of all remaining monitoring wells, and that such plan has been approved by Department.

I certify that all documents generated in support of this report have been submitted in accordance with the DER's electronic submission protocols and have been accepted by the Department.

I certify that all data generated in support of this report have been submitted in accordance with the Department's electronic data deliverable (EDD) and have been accepted by the Department.

I certify that all information and statements in this certification form are true. I understand that a false statement made herein is punishable as a Class "A" misdemeanor, pursuant to Section 210.45 of the Penal Law. I, Thomas H. Forbes, P.E., of Benchmark Environmental Engineering & Science, PLLC at 2558 Hamburg Turnpike, Buffalo, New York 14218, am certifying as Owner's Designated Site Representative and I have been authorized and designated by all Site owners to sign this certification for the Site.

SEAL




Date: 11-22-16

# FINAL ENGINEERING REPORT
# SITES III-2 & III-3: TECUMSEH PHASE III BUSINESS PARK

## Table of Contents


**1.0 BACKGROUND AND SITE DESCRIPTION ..... 1**

**2.0 SUMMARY OF SITE REMEDY ..... 2**
2.1 Remedial Action Objectives ..... 2
*2.1.1 Groundwater RAOs ..... 2*
*2.1.2 Soil RAOs ..... 2*
2.2 Description of Selected Remedy ..... 2

**3.0 DESCRIPTION OF REMEDIAL ACTIONS PERFORMED ..... 4**
3.1 Governing Documents ..... 4
*3.1.1 Site-Specific Health & Safety Plan (HASP) ..... 4*
*3.1.2 Community Air Monitoring Plan (CAMP) ..... 4*
*3.1.3 Contractors Site Operations Plans (SOPs) ..... 4*
*3.1.4 Community Participation Plan ..... 5*
3.2 Remedial Program Elements ..... 5
*3.2.1 Contractors and Consultants ..... 5*
*3.2.2 Site Preparation ..... 5*
*3.2.3 General Site Controls ..... 6*
*3.2.4 Nuisance Controls ..... 6*
*3.2.5 CAMP Results ..... 6*
*3.2.6 Reporting ..... 7*
3.3 Imported Materials ..... 7
*3.3.1 Imported Backfill ..... 7*
*3.3.2 Imported Cover Materials ..... 7*
3.4 Contamination Remaining at the Site ..... 8
3.5 Cover System ..... 9
3.6 Other Engineering Controls ..... 10
3.7 Institutional Controls ..... 10
3.8 Deviations from the Remedial Action Work Plan ..... 10

**4.0 REFERENCES ..... 11**

# Table of Contents

## LIST OF TABLES


| | |
|---|---|
| Table 1A | Summary of Remaining Soil/Fill Contamination above USCOs, Site III-2 |
| Table 1B | Summary of Remaining Soil/Fill Contamination above USCOs, Site III-2 |
| Table 2A | Summary of Groundwater Analytical Data, Site III-2 |
| Table 2B | Summary of Groundwater Analytical Data, Site III-4 |


## LIST OF FIGURES


| | |
|---|---|
| Figure 1 | Site Location and Vicinity Map |
| Figure 2 | Site Delineation Map |
| Figure 3 | Site-Wide Cover System Plan |


## APPENDICES


| | |
|---|---|
| Appendix A | Survey Map, Metes and Bounds |
| Appendix B | Digital Copy of the FER (CD) |
| Appendix C | Environmental Easement |
| Appendix D | Agency Permits, Applications, Approvals, and Receipts (CD) |
| Appendix E | CAMP Field Data Sheets and Air Monitoring Data (CD) |
| Appendix F | Daily Reports (CD) |
| Appendix G | Project Photo Log |
| Appendix H | EC As-Built Drawing and Documentation (Cover Elevations) |
| Appendix I | Seed Mix |

## Table of Contents

### LIST OF ACRONYMS

| Acronym | Definition |
|---|---|
| BCA | Brownfield Cleanup Agreement |
| BCP | Brownfield Cleanup Program |
| BPA | Business Park Area |
| BUD | Beneficial Use Determination |
| CAMP | Community Air Monitoring Plan |
| CP | Citizen Participation |
| EC | Engineering Control |
| FER | Final Engineering Report |
| GWQS | Groundwater Quality Standard |
| HASP | Health and Safety Plan |
| IC | Institutional Control |
| IRM | Interim Remedial Measure |
| MECP | Master Erosion Control Plan |
| NELAP | National Environmental Laboratory Approval Program |
| NYSDEC | New York State Department of Environmental Conservation |
| NYSDOH | New York State Department of Health |
| PID | Photoionization Detector |
| RAO | Remedial Action Objective |
| SCO | Soil Cleanup Objective |
| SSAL | Site Specific Action Level |
| SEQRA | State Environmental Quality Review Act |
| SVOC | Semi-Volatile Organic Compound |
| VOC | Volatile Organic Compound |

# 1.0 BACKGROUND AND SITE DESCRIPTION

In March of 2007 Tecumseh Redevelopment Inc. (Tecumseh) entered into a Brownfield Cleanup Agreement (BCA) with the New York State Department of Environmental Conservation (NYSDEC) to investigate and remediate an approximate 150-acre property located in Lackawanna, New York. The property, deemed the "Phase III Business Park Site" is located in the County of Erie, New York and encompasses tax parcel numbers 141.15-1-1, 141.15-1-2, and part of tax parcel number 141.11-1-50 per Erie County Tax Map records. The Phase III Business Park is bounded by Gateway Metroport Ship Canal and property owned by Gateway Trade Center to the north; the South Buffalo Railroad Company to the south; Phase II Business Park Site and the South Return Water Trench (SRWT) to the east; and other Tecumseh property to the west (see Figures 1 and 2).

The Phase III Business Park was originally deemed Brownfield Cleanup Program (BCP) Site No. C915199, but was subsequently subdivided into smaller BCP Site sub-parcels to facilitate remediation and redevelopment. On August 20, 2012, the original BCA for Site C915199 was amended to cover Site III-1, with separate BCAs issued and executed for the remaining nine BCP Sites (i.e., Sire III-2 through III-10, having Site Nos. C915199B through C915199J).

Steel Sun 2, LLC will construct and operate a commercial-scale photovoltaic solar electricity generation system on Site III-2 (Site No. C915199B; ±10.24 acres) and III-3 (Site No. C915199C; ±10.36 acres). The Sites were remediated to Track 4 restricted (commercial) use with site-specific soil cleanup objectives (SCOs) consistent with the approved IRM Work Plan. The final remedial measures included placement of acceptable cover material in areas not otherwise covered by asphalt roadway, pavement, etc.

This Final Engineering Report (FER) has been prepared to document the final remedial measures on Sites III-2 and III-3 performed in accordance with the August 2015 Remedial Action (RA) Work Plan (Ref. 1). These Sites are identified as part of tax parcel number 141.11-1-50 and addressed as 2303 Hamburg Turnpike, Lackawanna, NY 14218. The boundaries of the Sites are fully described in Appendix A: Survey Map, Metes, and Bounds. An electronic copy of this FER with all supporting documentation is included as Appendix B.

# 2.0 SUMMARY OF SITE REMEDY

## 2.1 Remedial Action Objectives

Based on the results of the Remedial Investigation, the following Remedial Action Objectives (RAOs) were identified for this Site.

### *2.1.1 Groundwater RAOs*

RAOs for Public Health Protection

- Prevent ingestion of groundwater with contaminant levels exceeding drinking water standards.

### *2.1.2 Soil RAOs*

RAOs for Public Health Protection

- Prevent ingestion/direct contact with contaminated soil.

RAOs for Environmental Protection

- Prevent impacts to biota from ingestion/direct contact with soil causing toxicity or impacts from bioaccumulation through the terrestrial food chain.

## 2.2 Description of Selected Remedy

The Sites were remediated in accordance with the remedies selected by the NYSDEC as memorialized in the Decision Documents dated December 2015 (Site III-2) and March 2016 (Site III-3). Benchmark Environmental Engineering & Science, PLLC (Benchmark) was retained initially by Tecumseh Redevelopment Inc. (for RI/AAR, EE, and SMP) and subsequently by Steel Sun 2 LLC (for cover system and FER) to serve as the design-builder and Engineer of Record for the BCP activities.

The factors considered during the selection of the remedies are those listed in 6NYCRR 375-1.8. The following are the components of the selected remedies:

1. Construction and maintenance of a cover system consisting of a demarcation layer atop the sub-grade soil/fill followed by a minimum 12-inch compacted Beneficial Use Determination (BUD)-approved slag layer over all of Site III-2 and most of Site III-3 in areas not covered by existing competent asphalt or railroad bedding/tracks to prevent human exposure to remaining contaminated soil/fill. A portion of Site III-3

between the existing roadway and Smokes Creek received a minimum 12-inch soil cover system (with the upper six inches of sufficient quality to maintain a vegetation layer). Asphalt repairs were made as necessary where existing asphalt serves as final cover along the northern perimeter of Site III-3. Existing active South Buffalo Railway tracks with wooden ties and stone ballast were left undisturbed as final cover along the western perimeter of Site III-2 and along the eastern perimeter of Site III-3.

2. Construction and maintenance of an area-specific non-vegetated cover over a portion of Site III-3 that is demarcated as containing asbestos-containing material (ACM). The additional one foot of BUD-approved slag (for a total minimum thickness of 24 inches) was placed over the area suspected to contain ACM.
3. Execution and recording of an Environmental Easement (see Appendix C) to restrict land use and prevent future exposure to any contamination remaining at the Site.
4. Development and implementation of a Site Management Plan (SMP) for long-term management of remaining contamination as required by the Environmental Easement (EE), which includes plans for: (1) institutional and engineering controls, (2) monitoring, (3) operation and maintenance, and (4) reporting.
5. Periodic certification of the institutional and engineering controls listed above.

# 3.0 DESCRIPTION OF REMEDIAL ACTIONS PERFORMED

The final remedial actions for these Sites involved placement of the cover system in accordance with the NYSDEC-approved August 2015 RA Work Plan (Ref. 1)

## 3.1 Governing Documents

### *3.1.1 Site-Specific Health & Safety Plan (HASP)*

All work performed under this remedial action was in full compliance with governmental requirements, including Site and worker safety requirements mandated by Federal Occupational Safety and Health Administration (OSHA).

All remedial and invasive work performed at the Site was in full compliance with the Site Health and Safety Plan (HASP) included as Appendix A of the NYSDEC-approved RA Work Plan, prepared in accordance with the requirements of 40 CFR 300.150 of the National Contingency Plan (NCP) and 29 CFR 1910.120.

### *3.1.2 Community Air Monitoring Plan (CAMP)*

Real-time community air monitoring was performed during all activities involving disturbance of soil/fill materials at the Site. A Community Air Monitoring Plan (CAMP) was included with the HASP. Particulate monitoring was performed at a distance of approximately 100 feet downwind of the work area during grading and soil/fill handling activities in accordance with this Plan. Visible dust was controlled by periodic water application during these activities. The CAMP is consistent with the requirements for community air monitoring at remediation sites as established by the New York State Department of Health (NYSDOH) and NYSDEC. Accordingly, it follows procedures and practices outlined under DER-10 (Ref. 4) Appendix 1A (NYSDOH's Generic Community Air Monitoring Plan) and Appendix 1B (Fugitive Dust and Particulate Monitoring).

### *3.1.3 Contractors Site Operations Plans (SOPs)*

Benchmark reviewed all submittals for this remedial project (e.g., subcontractor submittals for imported materials) and confirmed that they were in compliance with the RA Work Plan and DER-10. All remedial planning documents were submitted to NYSDEC and NYSDOH in a timely manner and prior to the start of work.

### *3.1.4 Community Participation Plan*

Fact sheets containing information on the remedial actions to be performed for Sites III-2 and III-3 were transmitted to individuals on the Phase III Business Park contact list in October 2015. Final Decision Documents were issued by the NYSDEC on December 8, 2015 (Site III-2) and March 7, 2016 (Site III-3).

## 3.2 Remedial Program Elements

### *3.2.1 Contractors and Consultants*

Benchmark served as the Engineer of Record for all BCP activities and performed the final remedial measures described herein on a design-build basis. Benchmark subcontracted Zoladz Construction Company, Inc. (Zoladz) to perform the remedial construction work observed and documented by Benchmark.

### *3.2.2 Site Preparation*

Site preparation initially involved establishing survey control and setting Site boundary markers followed by mobilization of equipment and personnel to the Site to clear vegetative cover. On September 15, 2016 Zoladz began clearing and grubbing trees and stumps. Woody materials (small trees and branches) were ground up on-site and transported to the Zoladz wood mulching facility on the west side of the Gateway ship canal. Following clearing, minor re-grading activities and concrete removal were performed coincidental with grubbing of low-lying vegetation. Concrete was transported to the Zoladz on-site slag mining area for crushing. Railroad ties were transported to the Zoladz permitted Construction and Demolition (C&D) Processing Facility on the Tecumseh Site. Tires were transported off-site for recycling

During subgrade preparation, no soil/fill materials were removed from the Site. The low-lying vegetative layer was stripped and high areas were bulldozed into low areas within the Site boundaries and proof-rolled to create a relatively level sub-base with no abrupt grade changes. At locations where the cover system met structures or paved areas (e.g., roadways and active rail tracks), a 1-foot deep by approximate 2-foot wide trench was excavated adjacent to the structure/pavement and filled with approved cover material over demarcation layer. This provided a transition point for the at-grade cover that was tapered to

the edge of the structure/pavement at an approximate maximum 1:2 (vertical: horizontal) slope. Excavation spoils were graded off within Site boundaries.

Documentation of agency approvals of the remedial actions are included in Appendix D. All State Environmental Quality Review Act (SEQRA) requirements and all applicable substantive compliance requirements for attainment of applicable natural resource or other permits were achieved during or prior to this remedial action.

### *3.2.3 General Site Controls*

Site controls were maintained throughout construction. Access to the Site was limited to business hours and restricted by fencing and gates along NY State Route 5, which is the point of public access to the property. Only authorized representatives of Benchmark, Zoladz, and NYSDEC were permitted in the work area.

Trucks employed to import cover material traveled along a designated route within the Tecumseh property. Equipment employed in the subgrade work was cleaned of soil clods and swept free of remaining soils prior to removal from the Site or reuse in preparing final grade.

### *3.2.4 Nuisance Controls*

Dust suppression was an integral component of cover placement activities. Water was sprayed across the surface of the work area as necessary to mitigate airborne dust formation and migration and assure conformance with community air monitoring thresholds. Other dust suppression techniques that were used to supplement the water spray include:

- Applying water on haul roads.
- Hauling waste materials in properly tarped containers or vehicles.
- Restricting vehicle speeds on-site.

### *3.2.5 CAMP Results*

Continuous air monitoring was performed at the downgradient property boundary during all activities involving sub-grade soil/fill disturbance. Per the CAMP, action limits of 100 ug/m$^3$ for respirable particulates and 5 ppm for organic vapors were employed. No exceedances of the thresholds were recorded. Copies of all field data sheets relating to the CAMP are provided in electronic format in Appendix E.

### *3.2.6 Reporting*

Benchmark representatives were on-site on a routine basis during remedial activities. All daily field notes are included in electronic format in Appendix F. The digital photo log is included in electronic format in Appendix G.

## 3.3 Imported Materials

### *3.3.1 Imported Backfill*

No backfill was imported to the Sites.

### *3.3.2 Imported Cover Materials*

The following materials and quantities were imported, with NYSDEC approval, to the locations shown on Figure 3 for the cover system and to support the redevelopment plan:

- Commercially available steel slag under BUD #555-9-15 from Iron City Recovery, Lackawanna, NY (approx. 22,900 cubic yards).
- Commercially available stone (1.5"-3.5") from Gernatt Asphalt Products, Springville, NY (approx. 119.62 tons).
- Sandy loam soil from Tonawanda Terminals Corporation Biotreatment Facility, Tonawanda, NY (approx. 1,250 cubic yards).
- Sediment under BUD #1265-9-15 from Green Lake, Yates Park, Orchard Park, NY (approx. 615 cubic yards).

A layer of slag was also placed over the existing hardscape (asphalt) roadway along the western property boundary of Site III-2 to provide a better transition with the surrounding slag cover. The sand and sediment were used in a portion of Site III-3 between the existing roadway and Smokes Creek to construct a minimum 12-inch vegetated cover system in lieu of a slag cover. Due to flooding adjacent to the railroad tracks on Site III-3 ('B' Parcel), the slag cover was removed from a 2-foot wide area west of and parallel with the railroad tracks and 1.5"-3.5" stone was placed to improve drainage (referred to as French Drain on Figures 3 and H-1). With the exception of the stone, all import materials were already present on Tecumseh property and, as such, volumes and tonnage estimates are based on truck counts

and volume calculations from pre- and post-survey datum. Appendix D includes imported material requests, approvals, and receipts.

## 3.4 Contamination Remaining at the Site

The sub-surface soil/fill on Sites III-2 and III-3 is generally characterized by widespread exceedance of the Part 375 unrestricted-use SCOs (USCOs) for several ubiquitous constituents. Specifically, many samples collected during the RI exhibited exceedance of the USCOs for several polycyclic aromatic hydrocarbons (PAHs), as well as arsenic, chromium, lead, manganese, mercury, and zinc. Other constituents remaining above USCOs include PCB Aroclors 1254 and 1260 that were each detected in one test pit on Site III-2. Tables 1A and 1B summarize the results of RI soil/fill sample locations that exceed the Track 1 USCOs on Site III-2.

Based on the data, it is not possible to quantify with any certainty areas that do not exceed one or more of the USCO criteria. It is therefore estimated that the entire approximate 20.6 acres of property contained in Sites III-2 and III-3 are impacted above the USCOs to the approximate native soil depth of 12 fbgs. Following grading of the Site, demarcation was constructed and placed so as to easily identify the existing Site sub-grade from the cover system material, and prevent the potential for inadvertent removal of sub-grade material during other Site work. The demarcation layer is comprised of an orange ¾-inch plastic industrial netting material was rolled across the sub-grade and overlapped by approximately one foot at the seams.

The groundwater quality on Site III-2 has been assessed by sampling monitoring well MWS-35A. The groundwater quality on Site III-3 has been assessed by sampling monitoring well MWS-04 and MWS-31A on adjacent Site III-4. Samples from these wells were collected during 2009-2010 RI activities and again in February 2016 during a site-wide groundwater sampling event. The groundwater was analyzed for VOCs, SVOCs, and inorganic parameters. Tables 2A and 2B present the groundwater data with a comparison to NYSDEC Class GA groundwater quality standards (GWQS). As indicated, analytical results from theses monitoring wells indicate concentration levels as non-detect or below GWQS with limited or minor exceptions. These wells will be retained for future monitoring to verify no adverse changes in site-specific groundwater quality and to assist monitoring of the larger Business Park area.

Since contaminated soil remains beneath the Site after completion of the Remedial Action, Institutional and Engineering Controls are required to protect human health and the environment. These Engineering and Institutional Controls (ECs/ICs) are described in the following sections. Long-term management of these EC/ICs and residual contamination will be performed under the Site Management Plan (SMP) approved by the NYSDEC.

## 3.5 Cover System

Exposure to remaining contamination in soil/fill is prevented by a cover system placed over the Site. This cover system is comprised of:

- A minimum of 12 inches of commercially available BUD-approved slag material (NYSDEC BUD #555-9-15) imported from Iron City Recovery; 24 inches of slag over the portion in Site III-3 suspected to contain buried ACM.
- A minimum of 12 inches of commercially available stone along the railroad tracks on Site III-3 to improve drainage following observed flooding.
- A minimum of 12 inches of vegetated soil cover consisting of sand imported from Tonawanda Terminals Corporation (TTC) Biotreatment Facility (BTF) and BUD-approved (NYSDEC BUD #1265-9-15) sediment dredged from Green Lake in Orchard Park. The vegetated soil cover system was placed between the existing roadway in the northeast corner of Site III-3 and Smokes Creek.
- Hardscape from existing asphalt covered Site roadways on Sites III-2 and III-3.
- Concrete building slabs.
- Existing active rail and stone bedding.

Figure 3 outlines the types, locations, and thicknesses of cover system material placed on Sites III-2 and III-3. Section 3.3.2 summarizes the quantities and sources of materials imported to the Site. Appendix H includes a figure documenting the surveyed pre- and post-cover system elevations and differentials, which demonstrate conformance with the required minimum 12- to 24-inch cover thickness. An Excavation Work Plan, which outlines the procedures required in the event the cover system and/or underlying residual contamination are disturbed, is provided in Appendix B of the SMP. Appendix D includes documentation approving import of the sand and sediment material, as well as receipts for the stone import. Appendix I includes details on the seed mix used.

## 3.6 Other Engineering Controls

The remedy for the Site did not require the construction of any other engineering control systems. Although chlorinated organic compounds were not identified as constituents of concern at the Site, the SMP requires that a vapor barrier be placed beneath any future structures designated for occupancy as a conservative measure to protect building occupants against potential sub-slab vapor intrusion.

## 3.7 Institutional Controls

The Site remedy requires that an Environmental Easement be placed on the property to (1) implement, maintain and monitor the Engineering Controls; (2) prevent future exposure to remaining contamination by controlling disturbances of the subsurface contamination; and, (3) limit the use and development of the Site to commercial or industrial uses only.

The environmental easement for the Phase III Business Park, which includes and applies to the subject Sites, was executed by the Department on June 26, 2014 and filed with the Erie County Clerk on July 15, 2014. The County Recording Identifier control number for this filing is 2014137592. A copy of the easement and proof of filing is provided in Appendix C.

## 3.8 Deviations from the Remedial Action Work Plan

There were no significant deviations from the August 2015 RA Work Plan; however, a minimum 12-inch soil cover system was placed in select areas of Site III-3 in lieu of slag cover as shown on Figure 3.

# 4.0 REFERENCES

1. Benchmark Environmental Engineering & Science, PLLC. *Remedial Action Work Plan, Steel Sun 2 Site, BCP Site Nos. C915199B, C915199C, C915199D & C915199I, Lackawanna, New York*. August 2015.

2. TurnKey Environmental Restoration, LLC. *Remedial Investigation/Alternatives Analysis Report (RI/AAR), Phase III Business Park, Tecumseh Redevelopment Inc., Lackawanna, New York*. Revised July 2012.

3. TurnKey Environmental Restoration, LLC. *Remedial Investigation/Alternatives Analysis Report (RI/AAR) Work Plan, Phase III Business Park Areas, Lackawanna, New York, BCP Site No. C915199*. Revised July 2008.

4. New York State Department of Environmental Conservation. *DER-10; Technical Guidance for Site Investigation and Remediation*. May 3, 2010.

# TABLES

BENCHMARK ENVIRONMENTAL ENGINEERING & SCIENCE, PLLC

# TABLE 1A

## SUMMARY OF REMAINING SOIL/FILL CONTAMINATION ABOVE USCOs

## FINAL ENGINEERING REPORT

**Phase III Business Park, Site III-2**
**Tecumseh Redevelopment Inc.**
**Lackawanna, New York**

| Parameter [1] | Unrestricted SCOs [2] (ppm) | Sample Location and Depth | | | | |
|---|---|---|---|---|---|---|
| | | Site III-2 | | | | |
| | | BPA-3-TP-67 (0-4') | BPA-3-TP-69 (0-2') | BPA-3-TP-70 (0-2') | BPA-3-TP-76 (2-7') | BPA-3-TP-77 (0-2') |
| ***Volatile Organic Compounds (VOCs) - mg/kg*** [3] | | | | | | |
| Acetone | **0.05** | -- | 0.043 J | -- | -- | ND |
| Benzene | **0.06** | -- | ND | ND | -- | ND |
| 2-Butanone (MEK) | **0.12** | -- | 0.015 J | -- | -- | ND |
| Carbon disulfide | **--** | -- | 0.003 J | -- | -- | 0.002 J |
| Ethylbenzene | **1** | -- | ND | ND | -- | ND |
| Isopropylbenzene (Cumene) | **--** | -- | ND | ND | -- | ND |
| Methyl acetate | **--** | -- | ND | -- | -- | ND |
| Methylcyclohexane | **--** | -- | ND | -- | -- | ND |
| Methylene chloride | **0.05** | -- | 0.015 B | -- | -- | 0.005 B |
| Toluene | **0.7** | -- | ND | ND | -- | ND |
| Total Xylene | **0.26** | -- | ND | ND | -- | ND |
| o-Xylenes | **0.26** | -- | ND | ND | -- | ND |
| m&p-Xylene | **0.26** | -- | ND | ND | -- | ND |
| n-Propylbenzene | **3.9** | -- | ND | ND | -- | ND |
| p-Cymene (p-isopropyltoluene) | **--** | -- | ND | ND | -- | ND |
| 1,2,4-Trimethylbenzene | **3.6** | -- | ND | ND | -- | ND |
| 1,3,5-Trimethylbenzene | **8.4** | -- | ND | ND | -- | ND |
| sec-Butylbenzene | **11** | -- | ND | ND | -- | ND |
| tert-Butylbenzene | **5.9** | -- | ND | ND | -- | ND |
| ***Semi-Volatile Organic Compounds (SVOCs) - mg/kg*** [3] | | | | | | |
| Acenaphthene | **20** | 5.8 | ND | ND | ND | ND |
| Acenaphthylene | **100** | 0.3 J | 0.22 J | 0.22 J | ND | 0.18 J |
| Acetophenone | **--** | ND | ND | ND | ND | ND |
| Anthracene | **100** | 11 | 0.27 J | 0.38 J | 0.2 J | 0.43 J |
| Benzo(a)anthracene | **1** | **21** | **1.2 J** | **1.6 J** | 1 J | **2.1 J** |
| Benzo(b)fluoranthene | **1** | **20** | **1.2 J** | **1.9 J** | **1.1 J** | **2.2 J** |
| Benzo(k)fluoranthene | **0.8** | **5.2** | 0.59 J | **0.86 J** | 0.43 J | **0.96 J** |
| Benzo(g,h,i)perylene | **100** | 7.8 | 1 J | 1.8 J | 0.6 J | 1.5 J |
| Benzo(a)pyrene | **1** | **15** | **1.2 J** | **1.6 J** | 0.89 J | **1.9 J** |
| Biphenyl | **--** | ND | ND | ND | ND | ND |

BENCHMARK ENVIRONMENTAL ENGINEERING & SCIENCE, PLLC

## TABLE 1A

## SUMMARY OF REMAINING SOIL/FILL CONTAMINATION ABOVE USCOs

## FINAL ENGINEERING REPORT

**Phase III Business Park, Site III-2**
**Tecumseh Redevelopment Inc.**
**Lackawanna, New York**

| Parameter [1] | Unrestricted SCOs [2] (ppm) | Sample Location and Depth | | | | |
|---|---|---|---|---|---|---|
| | | Site III-2 | | | | |
| | | BPA-3-TP-67 (0-4') | BPA-3-TP-69 (0-2') | BPA-3-TP-70 (0-2') | BPA-3-TP-76 (2-7') | BPA-3-TP-77 (0-2') |
| bis(2-Ethylhexyl)phthalate | -- | ND | ND | ND | ND | ND |
| 4-Chloroaniline | -- | ND | ND | ND | ND | ND |
| Carbazole | -- | -- | ND | -- | -- | 0.22 J |
| Chrysene | 1 | **18 B** | **1.4 BJ** | **1.8 BJ** | **1.1 BJ** | **2.2 BJ** |
| Dibenz(a,h)anthracene | 0.33 | **3.1 J** | 0.32 J | **0.45 J** | 0.2 J | **0.5 J** |
| Dibenzofuran | -- | 3.3 J | ND | ND | ND | ND |
| Fluoranthene | 100 | 45 | 1.8 J | 2.6 J | 1.6 J | 3.1 J |
| Fluorene | 30 | 6.2 | ND | ND | ND | ND |
| Indeno(1,2,3-cd)pyrene | 0.5 | **7.9** | **0.94 J** | **1.4 J** | **0.65 J** | **1.4 J** |
| Isophorone | -- | ND | ND | ND | ND | ND |
| 2-Methylnaphthalene | -- | 0.75 J | ND | ND | ND | 0.16 J |
| Naphthalene | 12 | 1.2 J | ND | ND | ND | ND |
| N-Nitroso-di-n-propylamine | -- | ND | ND | ND | ND | ND |
| Phenanthrene | 100 | 41 | 1.2 J | 1.4 J | 0.6 J | 1.8 J |
| Pyrene | 100 | 29 | 1.7 J | 2.4 J | 1 J | 2.6 J |
| ***PCBs - mg/kg*** [3] | | | | | | |
| Aroclor 1248 | 0.1 | ND | ND | -- | -- | -- |
| Aroclor 1254 | 0.1 | **0.31** | 0.07 J | -- | -- | -- |
| Aroclor 1260 | 0.1 | 0.1 | **0.11 J** | -- | -- | -- |
| Aroclor 1262 | 0.1 | ND | ND | -- | -- | -- |
| ***Inorganic Compounds - mg/kg*** | | | | | | |
| Aluminum | -- | -- | 7610 | -- | -- | 8150 |
| Arsenic | 13 | **26.4 EN*** | **13.1 EN*** | **33.2 EN*** | 12.3 EN* | **63.2 EN*** |
| Barium | 350 | -- | 100 | -- | -- | 109 |
| Beryllium | 7.2 | -- | 0.96 | -- | -- | 1.2 |
| Cadmium | 2.5 | **20.8 N*** | 1.1 N* | **3.8 N*** | 0.51 N* | **2.8 N*** |
| Calcium | -- | -- | 114000 | -- | -- | 54500 |
| Chromium [4] | 31 | **159 N*** | **685 N*** | **115 N*** | 10.2 N* | **144 N*** |
| Cobalt | -- | -- | 4.1 | -- | -- | 5.1 |
| Copper | 50 | -- | **302** | -- | -- | **200** |
| Iron | -- | -- | 81600 | -- | -- | 56900 |

BENCHMARK ENVIRONMENTAL ENGINEERING & SCIENCE, PLLC

## TABLE 1A

## SUMMARY OF REMAINING SOIL/FILL CONTAMINATION ABOVE USCOs

## FINAL ENGINEERING REPORT

**Phase III Business Park, Site III-2**
**Tecumseh Redevelopment Inc.**
**Lackawanna, New York**

| Parameter [1] | Unrestricted SCOs [2] (ppm) | Sample Location and Depth | | | | |
|---|---|---|---|---|---|---|
| | | Site III-2 | | | | |
| | | BPA-3-TP-67 (0-4') | BPA-3-TP-69 (0-2') | BPA-3-TP-70 (0-2') | BPA-3-TP-76 (2-7') | BPA-3-TP-77 (0-2') |
| Lead | **63** | **1200 E*** | **113 E*** | **191 E*** | 53.3 E* | **302 E*** |
| Magnesium | **--** | -- | 17500 | -- | -- | 9600 |
| Manganese | **1600** | -- | **28000** | -- | -- | **4910** |
| Nickel | **30** | -- | 25.4 | -- | -- | 22.6 |
| Potassium | **--** | -- | 457 | -- | -- | 741 |
| Mercury | **0.18** | **1.6** | **0.247** | **0.339** | 0.026 | 0.11 |
| Silver | **2** | -- | 0.61 | -- | -- | ND |
| Sodium | **--** | -- | 251 | -- | -- | 249 |
| Vanadium | **--** | -- | 410 | -- | -- | 69 |
| Zinc | **109** | -- | 98.3 | -- | -- | **357** |
| Cyanide | **27** | ND | ND | ND | ND | ND |

**Notes:**

1. Only those parameters detected at a minimum of one sample location are presented in this table.
2. Values per NYSDEC Part 375 unrestricted soil cleanup objectives (USCOs).
3. Sample results were reported by the laboratory in ug/kg and converted to mg/kg for comparison to SCOs.
4. Total chromium SCO was determined by adding hexavalent and trivalent chromium SCOs.

**Definitions:**

ND = Parameter not detected above laboratory detection limit.
"--" = No SCO available/sample not analyzed for parameter.
J = Estimated value; result is less than the sample quantitation limit but greater than zero.
B = Indicates a value greater than or equal to the instrument detection limit, but less than the quantitation limit.
D = All compounds were identified in an analyisis at the secondary dilution factor.
* = Indicates the spike or duplicate analysis is not within the quality control limits.
E = Identifies compounds whose concentrations exceed the calibration range of the Instrument for that specific analysis.
N = Indicates spike sample recovery is not within the quality control limits.

**BOLD** = result exceeds USCO.

BENCHMARK ENVIRONMENTAL ENGINEERING & SCIENCE, PLLC

# TABLE 1B

## SUMMARY OF REMAINING SOIL/FILL CONTAMINATION ABOVE USCOs

## FINAL ENGINEERING REPORT

## Phase III Business Park, Site III-2
## Tecumseh Redevelopment Inc.
## Lackawanna, New York

| PARAMETER [1] | Unrestricted SCOs [2] (ppm) | Sample Location and Depth | | |
|---|---|---|---|---|
| | | Site III-2 | | |
| | | BPA-3A-TP-1 (0-2) | BPA-3A-TP-2 (0-2) | BPA-3A-TP-3 (2-6) |
| ***Semi-Volatile Organic Compounds (SVOCs) - mg/kg*** [3] | | | | |
| 2-Methylnaphthalene | -- | ND | ND | ND |
| Acenaphthene | **20** | ND | ND | ND |
| Acenaphthylene | **100** | ND | ND | ND |
| Anthracene | **100** | 3.3 T,D,J | 0.42 D,J | 0.37 D,J |
| Benzo(a)anthracene | **1** | **7.7 T,D,J** | **1.6 D,J** | **1.8 D,J** |
| Benzo(a)pyrene | **1** | **6 T,D,J** | **1.5 D,J** | **2 D,J** |
| Benzo(b)fluoranthene | **1** | **6.6 T,D,J** | **1.8 D,J** | **2.5 D,J** |
| Benzo(ghi)perylene | **100** | 4.1 T,D,J | 1 D,J | 1.7 D,J |
| Benzo(k)fluoranthene | **0.8** | **3.9 T,D,J** | 0.66 D,J | **0.84 D,J** |
| Biphenyl | -- | ND | ND | ND |
| Bis(2-ethylhexyl) phthalate | -- | ND | ND | ND |
| Chrysene | **1** | **6.9 T,D,J** | **1.5 D,J** | **17 D,J** |
| Dibenzo(a,h)anthracene | **0.33** | ND | 0.28 D,J | **0.44 D,J** |
| Dibenzofuran | -- | ND | ND | ND |
| Fluoranthene | **100** | 15 T,D,J | 3.3 D,J | 2.6 D,J |
| Fluorene | **30** | ND | ND | ND |
| Indeno(1,2,3-cd)pyrene | **0.5** | **3.5 T,D,J** | **0.93 D,J** | **1.5 D,J** |
| Naphthalene | **12** | ND | ND | 0.53 D,J |
| Phenanthrene | **100** | 13 T,D,J | 2 D,J | 1.6 D,J |
| Pyrene | **100** | 12 T,D,J | 2.8 D,J | 2.2 D,J |
| ***Inorganic Compounds - mg/kg*** | | | | |
| Arsenic, Total | **13** | **57.8** | **31.7** | **17.6** |
| Cadmium, Total | **2.5** | **4.12** | 1.64 | 2.03 |
| Chromium, Total [4] | **31** | **148 J** | **372 J** | **234 J** |
| Lead, Total | **63** | **316** | **229** | **232** |
| Mercury, Total | **0.18** | **1.31 D** | 0.0736 | **1.58 D** |

**Notes:**

1. Only those parameters detected at a minimum of one sample location are presented in this table.
2. Values per NYSDEC Part 375 unrestricted soil cleanup objectives (USCOs).
3. Sample results were reported by the laboratory in ug/kg and converted to mg/kg for comparison to SCOs.
4. Total chromium SCO was determined by adding hexavalent and trivalent chromium SCOs.

**Definitions:**

ND = Parameter not detected above laboratory detection limit.
"--" = No SCO available/sample not analyzed for parameter.
J = Estimated value; result is less than the sample quantitation limit but greater than zero.
B = Indicates a value greater than or equal to the instrument detection limit, but less than the quantitation limit.
D = All compounds were identified in an analyisis at the secondary dilution factor.
T = Sample had an adjusted final volume during extraction due to extract matrix and / or viscosity.

**BOLD** = result exceeds USCO.

BENCHMARK ENVIRONMENTAL ENGINEERING & SCIENCE, PLLC

# TABLE 2A

## SUMMARY OF GROUNDWATER ANALYTICAL DATA

## FINAL ENGINEERING REPORT

**Phase III Business Park, Site III-2**
**Tecumseh Redevelopment Inc.**
**Lackawanna, New York**

| PARAMETER[1] | GWQS [2] | MWS-35A [3] | | MWS-35A | |
|---|---|---|---|---|---|
| | | 1/16/2009 | | 2/25/2016 | |
| | | Site III-2 | | | |
| ***Field Measurements :*** | | | | | |
| Sample No. | -- | Initial | Final | Initial | Final |
| pH (units) | **6.5 - 8.5** | **11.30** | **11.19** | **8.56** | **8.71** |
| Temperature ($^{o}$C) | **NA** | 8.2 | 7.7 | 9.0 | 8.3 |
| Sp. Conductance (uS) | **NA** | 544.6 | 482.4 | 506.5 | 509.5 |
| Turbidity (NTU) | **NA** | 37.5 | 22.7 | 7.27 | 7.09 |
| DO (ppm) | **NA** | 1.50 | 1.39 | 2.21 | 2.40 |
| Eh (mV) | **NA** | -169 | -161 | -114 | -87 |
| ***Total Inorganic Compounds (mg/L) :*** | | | | | |
| Aluminum - Total | **NA** | 1.5 | | -- | |
| Arsenic - Total | **0.025** | 0.016 | | ND | |
| Barium - Total | **1** | 0.0534 | | 0.14 | |
| Calcium - Total | **NA** | 83.5 | | -- | |
| Chromium - Total | **0.05** | 0.0102 | | ND | |
| Iron - Total | **0.3** | **2.49** | | -- | |
| Lead - Total | **0.025** | 0.0114 | | ND | |
| Magnesium - Total | **35*** | 2.41 | | -- | |
| Manganese - Total | **0.3** | 0.21 | | **0.51** | |
| Potassium - Total | **NA** | 15.8 | | -- | |
| Sodium - Total | **20** | 10.6 | | -- | |
| Vanadium - Total | **NA** | 0.0079 | | -- | |
| Cyanide - Total | **0.2** | -- | | 0.0056 J | |
| Zinc - Total | **2*** | 0.017 | | ND | |

BENCHMARK ENVIRONMENTAL ENGINEERING & SCIENCE, PLLC

# TABLE 2A

## SUMMARY OF GROUNDWATER ANALYTICAL DATA

## FINAL ENGINEERING REPORT

**Phase III Business Park, Site III-2**
**Tecumseh Redevelopment Inc.**
**Lackawanna, New York**

| PARAMETER[1] | GWQS [2] | MWS-35A [3] | MWS-35A |
|---|---|---|---|
| | | 1/16/2009 | 2/25/2016 |
| | | Site III-2 | |
| ***Semi-Volatile Organic Compounds (ug/L) :*** | | | |
| Benzaldehyde | **NA** | ND | ND |
| Benzo(a)anthracene | **0.002*** | 0.22 J | ND |
| Benzo(a)pyrene | **0.002*** | 0.032 J | ND |
| Benzo(b)fluoranthene | **0.002*** | 0.32 J | ND |
| Benzo(ghi)perylene | **NA** | 0.34 J | ND |
| Diethyl phthalate | **50*** | 0.27 J | ND |
| Di-n-butyl phthalate | **50*** | 0.29 J | ND |
| Fluoranthene | **50*** | 0.31 J | ND |
| Indeno(1,2,3-cd)pyrene | **0.002*** | 0.24 J | ND |
| Naphthalene | **10*** | 0.22 J | ND |
| Phenanthrene | **50*** | 0.33 J | ND |
| Phenol | **1**** | **21** | -- |
| Pyrene | **50*** | 0.34 J | ND |

**Notes:**

1. Only those compounds detected above the method detection limit at a minimum of one sample location are reported in this table.
2. NYSDEC Class "GA" Groundwater Quality Standards/GuIdance Values (GWQS/GV) as per 6 NYCRR Part 703.
3. Groundwater collected from January 2009 monitoring event were only analyzed for those parameters listed in the July 2008 RI Work Plan.

**Definitions:**

J = Estimated Value; result is less than the sample quantitation limit but greater than zero.
B = Indicates value > or = to instrument detection limit, but < the quantitation limit.
NA = Not available
ND = Indicates parameter was not detected above laboratory reporting limit.
* = The Guidance Value was used where a Standard has not been established.
** = The general standard of 1.0 ug/L for phenolic compounds was used.
"--" Sample was not analyzed for specific parameter.
ND = Rejected by Data Qualifier.

**BOLD** = Result exceeds the GWQS/GV.

BENCHMARK ENVIRONMENTAL ENGINEERING & SCIENCE, PLLC

**TABLE 2B**
**SUMMARY OF GROUNDWATER ANALYTICAL DATA**

**FINAL ENGINEERING REPORT**

**Phase IIIA Business Park, Site III-4**
**Tecumseh Redevelopment Inc.**
**Lackawanna, New York**

| PARAMETER[1] | GWQS[2] | MWS-04 | | MWS-04 | | MWS-31A | | MWS-31A | |
|---|---|---|---|---|---|---|---|---|---|
| | | 1/21/2010 | | 2/24/2016 | | 1/21/2010 | | 2/25/2016 | |
| | | Site III-4 | | | | | | | |
| ***Field Measurements*** [3] ***:*** | | | | | | | | | |
| Sample No. | -- | Initial | Final | Initial | Final | Initial | Final | Initial | Final |
| pH (units) | **6.5 - 8.5** | **9.57** | **9.90** | 7.52 | 7.50 | **9.37** | **9.41** | **10.26** | **10.23** |
| Temperature ($^{o}$C) | **NA** | 10.5 | 10.1 | 8.9 | 9.0 | 8.7 | 9.0 | 8.5 | 8.4 |
| Sp. Conductance (uS) | **NA** | 506.5 | 537.5 | 877.5 | 874.4 | 539.2 | 547 | 445.8 | 444 |
| Turbidity (NTU) | **NA** | 33.50 | 25 | 14.9 | 8.11 | >1000 | 361 | 18.9 | 11.2 |
| Dissolved Oxygen (mg/L) | **NA** | -- | -- | 6.08 | 5.88 | -- | -- | 2.04 | 1.92 |
| Eh (mV) | **NA** | -121 | -149 | 12 | 15 | -64 | -63 | 27 | 22 |
| ***Total Inorganic Compounds (mg/L)*** [5] ***:*** | | | | | | | | | |
| Arsenic - Total | **0.025** | 0.0225 | | 0.0065 J | | **0.0334** | | 0.016 | |
| Barium - Total | **1** | - | | 0.032 | | - | | 0.015 | |
| Chromium - Total | **0.05** | ND | | 0.0052 | | 0.0147 | | ND | |
| Chromium (Hexavalent) - Total | **0.05** | - | | ND | | - | | ND | |
| Copper - Total | **0.2** | - | | 0.006 J | | - | | ND | |
| Lead - Total | **0.025** | ND | | ND | | 0.0213 | | ND | |
| Manganese - Total | **0.3** | - | | 0.044 | | - | | 0.034 | |
| Nickel - Total | **0.1** | - | | 0.0066 J | | - | | - | |
| Zinc - Total | **2*** | - | | 0.024 J | | - | | ND | |
| Cyanide - Total | **0.2** | - | | 0.1 | | - | | 0.092 | |
| ***Soluble Inorganic Compounds (mg/L)*** [4,5] ***:*** | | | | | | | | | |
| Arsenic - Total | **0.025** | - | | - | | 0.0208 | | - | |
| ***Volatile Organic Compounds (ug/L)*** [5] ***:*** | | | | | | | | | |
| 1,2,4-Trimethylbenzene | **5** | 0.76 D,J,NJ | | ND | | ND | | ND | |
| 1,3,5 - Trimethylbenzene | **5** | ND | | ND | | ND | | ND | |
| 4-Isopropyltoluene | **5** | - | | ND | | - | | ND | |
| Acetone | **50** | - | | ND | | - | | ND | |
| Benzene | **1** | ND UJ | | 0.93 J | | ND | | ND | |
| Carbon Disulfide | **NA** | - | | 0.24 J | | - | | ND | |
| Cyclohexane | **NA** | - | | ND | | - | | ND | |
| Ethylbenzene | **5** | ND UJ | | ND | | ND | | ND | |
| Isopropylbenzene | **5** | ND UJ | | ND | | ND | | ND | |
| Methylen Chloride | **5** | - | | ND | | - | | ND | |
| Methyl-t-Butyl Ether (MTBE) | **10** | ND UJ | | ND | | ND | | ND | |
| Methylcyclohexane | **NA** | - | | ND | | - | | ND | |
| N-propylbenzene | **5** | ND | | ND | | ND | | ND | |
| m-Xylene & p-Xylene | **10** | 1.2 D,J,NJ | | ND | | ND | | ND | |
| o-Xylene | **5** | ND | | ND | | ND | | ND | |
| Toluene | **5** | 1.1 D,J,NJ | | ND | | ND | | ND | |
| Xylenes, total | **15** | 1.2 D,J,NJ | | ND | | ND | | ND | |

BENCHMARK ENVIRONMENTAL ENGINEERING & SCIENCE, PLLC

**TABLE 2B**
**SUMMARY OF GROUNDWATER ANALYTICAL DATA**

**FINAL ENGINEERING REPORT**

**Phase IIIA Business Park, Site III-4**
**Tecumseh Redevelopment Inc.**
**Lackawanna, New York**

| PARAMETER[1] | GWQS[2] | MWS-04 | MWS-04 | MWS-31A | MWS-31A |
|---|---|---|---|---|---|
| | | 1/21/2010 | 2/24/2016 | 1/21/2010 | 2/25/2016 |
| | | Site III-4 | | | |
| ***Semi-Volatile Organic Compounds (ug/L)[5]:*** | | | | | |
| 2-Methylnaphthalene | **NA** | 1.8 J | ND | ND | ND |
| Acenaphthene | **20** | 0.58 J | ND | ND | ND |
| Acenaphthylene | **NA** | 2.3 J | ND | ND | ND |
| Acetophenone | **NA** | ND | ND | ND | ND |
| Benzaldehyde | **NA** | ND | 0.67 JB | ND | ND |
| Benzo(a)anthracene | **0.002*** | ND | ND | ND | ND |
| Biphenyl | **5** | ND | ND | ND | ND |
| Bis(2-ethylhexyl) phthalate | **5** | 2.3 J | ND | 2.5 J | ND |
| Butyl benzyl phthalate | **50** | ND | ND | ND | ND |
| Carbazole | **NA** | 9.1 | ND | ND | ND |
| Chrysene | **0.002** | ND | ND | **0.33 J** | ND |
| Caprolactam | **NA** | ND | ND | ND | ND |
| Dibenzofuran | **NA** | 1.8 J | ND | ND | ND |
| Di-n-octyl phthalate | **50** | ND | ND | ND | ND |
| Fluoranthene | **50*** | ND | ND | ND | ND |
| Fluorene | **50*** | 2.6 J | ND | ND | ND |
| Naphthalene | **10*** | **34** | ND | ND | ND |
| Phenanthrene | **50*** | 2.6 J | ND | ND | ND |
| Pyrene | **50*** | ND | ND | ND | ND |

**Notes:**
1. Only those compounds detected above the method detection limit at a minimum of one sample location are reported in this table.
2. NYSDEC Class "GA" Groundwater Quality Standards/GuIdance Values (GWQS/GV) as per 6 NYCRR Part 703.
3. Field measurements were collected immediately before and after groundwater sample collection.
4. Soulble metals sample was collected when turbidity would not fall below 50 NTUs.
5. Monitoring wells were sampled in accordance with 2009 RI Work Plan for Business Park III.

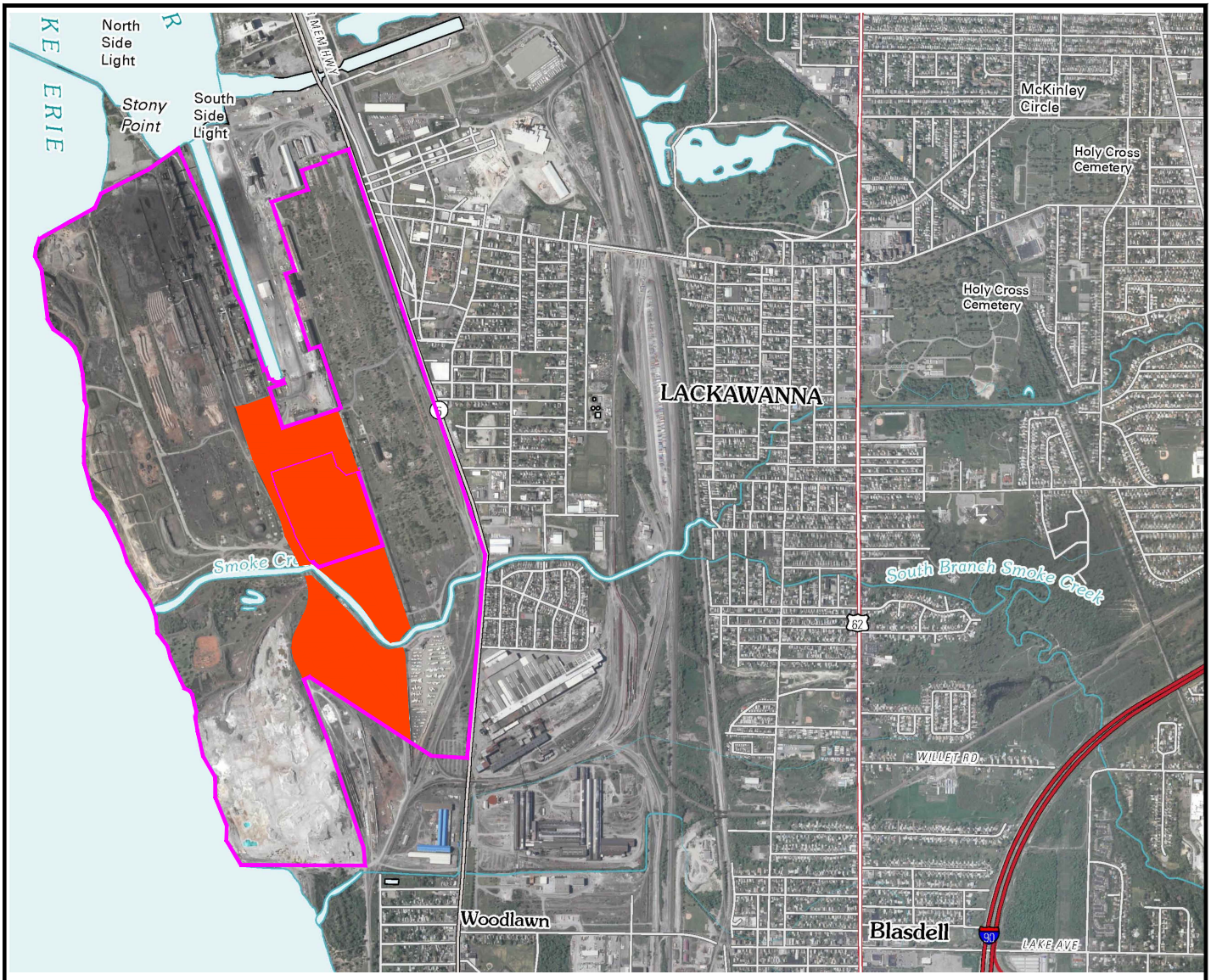
**Definitions:**
J = Estimated Value; result is less than the sample quantitation limit but greater than zero.
D = Sample required dillution due foaming or high concentration of target analyte(s).
B = Indicates a value greater than or equal to the instrument detection limit, but less than the quantitation limit.
NA = Standard or Guidance value not alailable at this time.
ND = Indicates parameter was not detected above laboratory reporting limit.
* = The Guidance Value was used where a Standard has not been established.
** = The general standard of 1.0 ug/L for phenolic compounds was used.
"--" = This Parameter was not sampled for.
ND = Rejected by Data Qualifier.

**BOLD** = Result exceeds the GWQS/GV.

# FIGURES

F:\CAD\Benchmark\Steel Sun, LLC\Steel Sun 2\FER\III-2 and III-3\Figure 1 - Site Location and Vicinity MapRev.dwg

# FIGURE 1







N

2,500' 0' 2,500' 5,000'

SCALE: 1 INCH = 2,500 FEET
SCALE IN FEET
(approximate)

LEGEND:

APPROXIMATE PROPERTY BOUNDARY

TECUMSEH PHASE III BUSINESS PARK


BENCHMARK ENVIRONMENTAL ENGINEERING & SCIENCE, PLLC

2558 HAMBURG TURNPIKE
SUITE 300
BUFFALO, NY 14218
(716) 856-0599


PROJECT NO.: 0351-016-002/003

DATE: NOVEMBER 2016

DRAFTED BY: RFL

## SITE LOCATION AND VICINITY MAP

FINAL ENGINEERING REPORT

PHASE III BUSINESS PARK
BCP SITE NOs. C915199B & C915199C
LACKAWANNA, NEW YORK

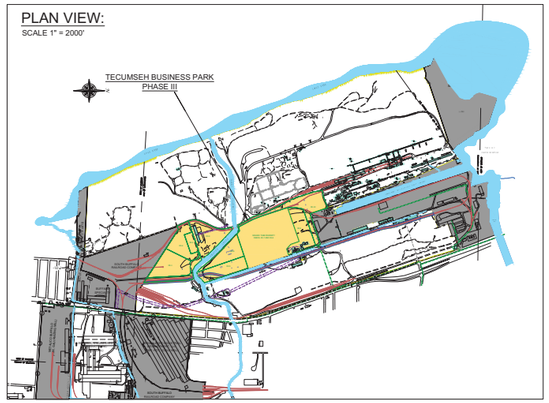
PREPARED FOR

STEEL SUN 2 LLC


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P:\GIS\Benchmark\Basin Site - LUCI\Basin Site 2\FIGURE 2 and 3\Figure 2 - Site Delineation Map.mxd

PLAN VIEW:
SCALE 1" = 2000'




PHASE III BUSINESS PARK
± 150.18 ACRES

SMOKES CREEK

WELDED TUBE PROPERTY
PARCEL III-7 AND III-8

III-1
III-2
III-3
III-4
III-5
III-6
III-9
III-10

EAST HARBOR LEAD

LEGEND:
- TECUMSEH PROPERTY BOUNDARY
- BCP PARCEL III-2 AND III-3
- EXISTING BUILDING / STRUCTURE
- PHASE III BUSINESS PARK BOUNDARY
- RAILROAD TRACK

N

200' 0' 200' 400'

SCALE: 1 INCH = 200 FEET
SCALE IN FEET
(approximate)

BENCHMARK
ENVIRONMENTAL ENGINEERING SCIENCE, PLLC
2558 HAMBURG TURNPIKE
SUITE 300
BUFFALO, NY 14218
(716) 856-0599

JOB NO.: 0351-016-002/003

REVISIONS

| NO. | BY | DATE | REMARKS |
|---|---|---|---|

SEAL

DRAWN BY: RFL
DATE: OCTOBER 2016
CHECKED BY: LR
APPROVED BY: THF

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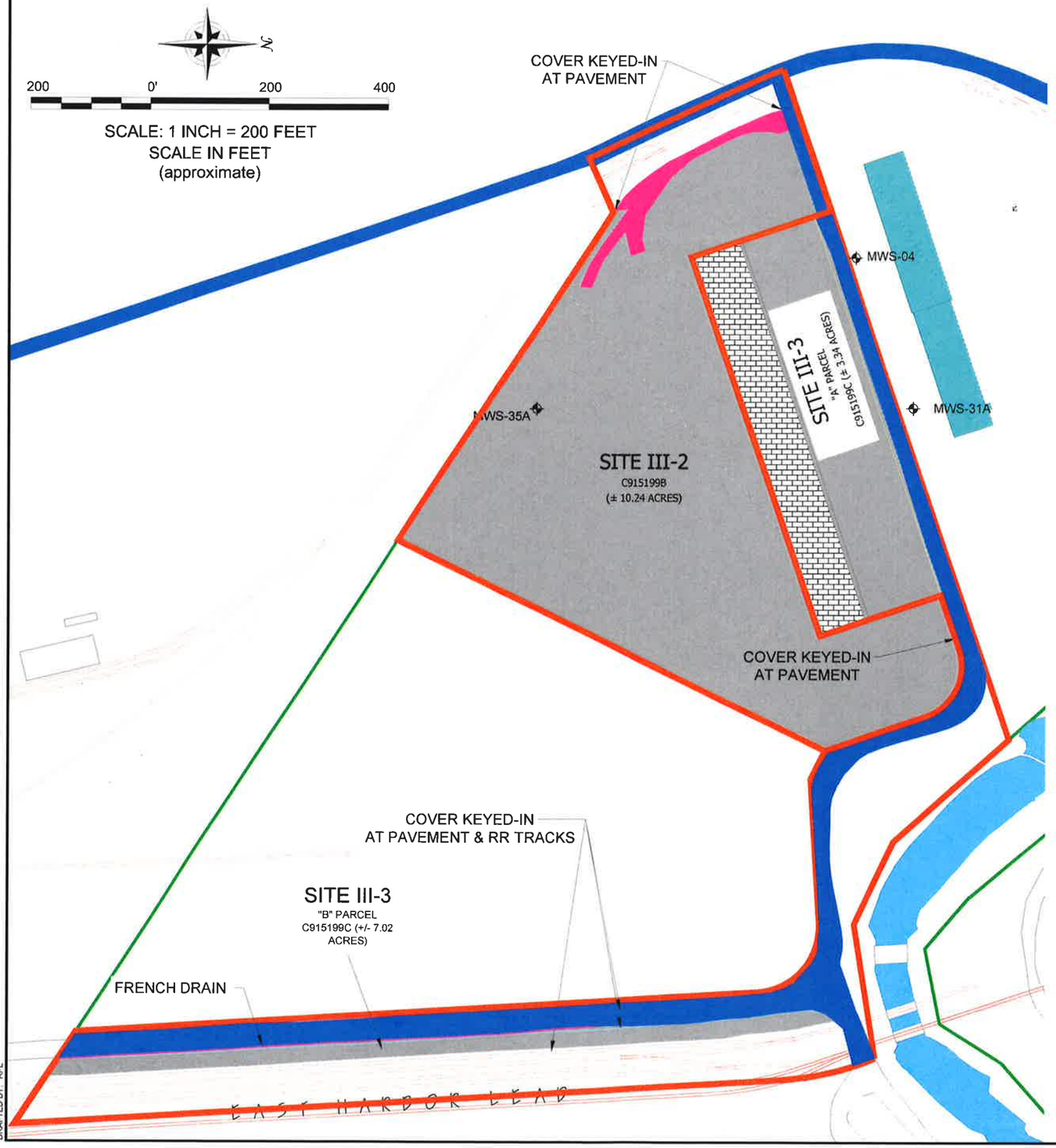
# SITE DELINEATION MAP

FINAL ENGINEERING REPORT
PHASE III BUSINESS PARK
BCP SITE NOS. C915199B & C915199C
LACKAWANNA, NEW YORK

PREPARED FOR:
STEEL SUN 2 LLC

# FIGURE 2

F:\CAD\Benchmark\Steel Sun, LLC\Steel Sun 2\FER\III-2 and III-3\Figure 3; Approx Location and Types of Cover III-2 and -3Rev.dwg




LEGEND:

- BUSINESS PARK BOUNDARY
- SITE III-2 & III-3 BOUNDARIES
- SUB-PARCEL III-3 A BOUNDARY
- EXISTING BUILDING / STRUCTURE
- RAILROAD TRACK
- EXISTING ASPHALT PAVEMENT
- 1' BUD-APPROVED SLAG COVER OVER DEMARCATION LAYER
- 1' APPROVED SOIL COVER OVER DEMARCATION LAYER (SEEDED)
- 2' BUD-APPROVED SLAG COVER OVER DEMARCATION LAYER (SUSPECTED ACM AREA)
- BUD-APPROVED SLAG COVER OVER EXISTING ASPHALT (SLAG ADDED TO TRANSITION TO EXISTING GRADES)
- FRENCH DRAIN LOCATION
- MWS-35A MONITORING WELL LOCATION

STATE OF NEW YORK
THOMAS H. FORBES
No. 70902-1
LICENSED PROFESSIONAL ENGINEER

## COVER SYSTEM DETAILS

NTS

VEGETATED SOIL COVER SYSTEM DETAIL
NTS




NO. 2 BUD-APPROVED SLAG COVER SYSTEM DETAIL
NTS

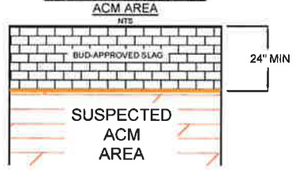



DEMARCATION LAYER

EXISTING ASPHALT COVER SYSTEM DETAIL
NTS



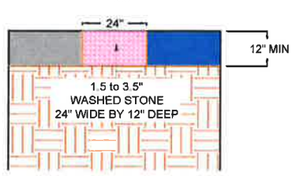

NO. 2 BUD-APPROVED SLAG COVER SYSTEM DETAIL OVER SUSPECTED ACM AREA
NTS




NO. 2 BUD-APPROVED SLAG OVER EXISTING ASPHALT COVER SYSTEM DETAIL
NTS




FRENCH DRAIN COVER SYSTEM DETAIL
NTS




BENCHMARK
ENVIRONMENTAL ENGINEERING & SCIENCE, PLLC
2558 HAMBURG TURNPIKE
SUITE 300
BUFFALO, NY 14218
(716) 856-0599

JOB NO.: 0351-016-002/003

# APPROXIMATE LOCATION AND TYPES OF COVER MATERIALS

FINAL ENGINEERING REPORT

TECUMSEH PHASE III BUSINESS PARK
BCP SITE NOs. C915199B & C915199C
LACKAWANNA, NEW YORK

PREPARED FOR
STEEL SUN 2 LLC

**FIGURE 3**

DATE: NOVEMBER 2016
DRAFTED BY: RFL

DISCLAIMER:
PROPERTY OF BENCHMARK ENVIRONMENTAL ENGINEERING & SCIENCE, PLLC. IMPORTANT: THIS DRAWING PRINT IS LOANED FOR MUTUAL ASSISTANCE AND AS SUCH IS SUBJECT TO RECALL AT ANY TIME. INFORMATION CONTAINED HEREON IS NOT TO BE DISCLOSED OR REPRODUCED IN ANY FORM FOR THE BENEFIT OF PARTIES OTHER THAN NECESSARY SUBCONTRACTORS & SUPPLIERS WITHOUT THE WRITTEN CONSENT OF BENCHMARK ENVIRONMENTAL ENGINEERING & SCIENCE, PLLC.

# APPENDIX A

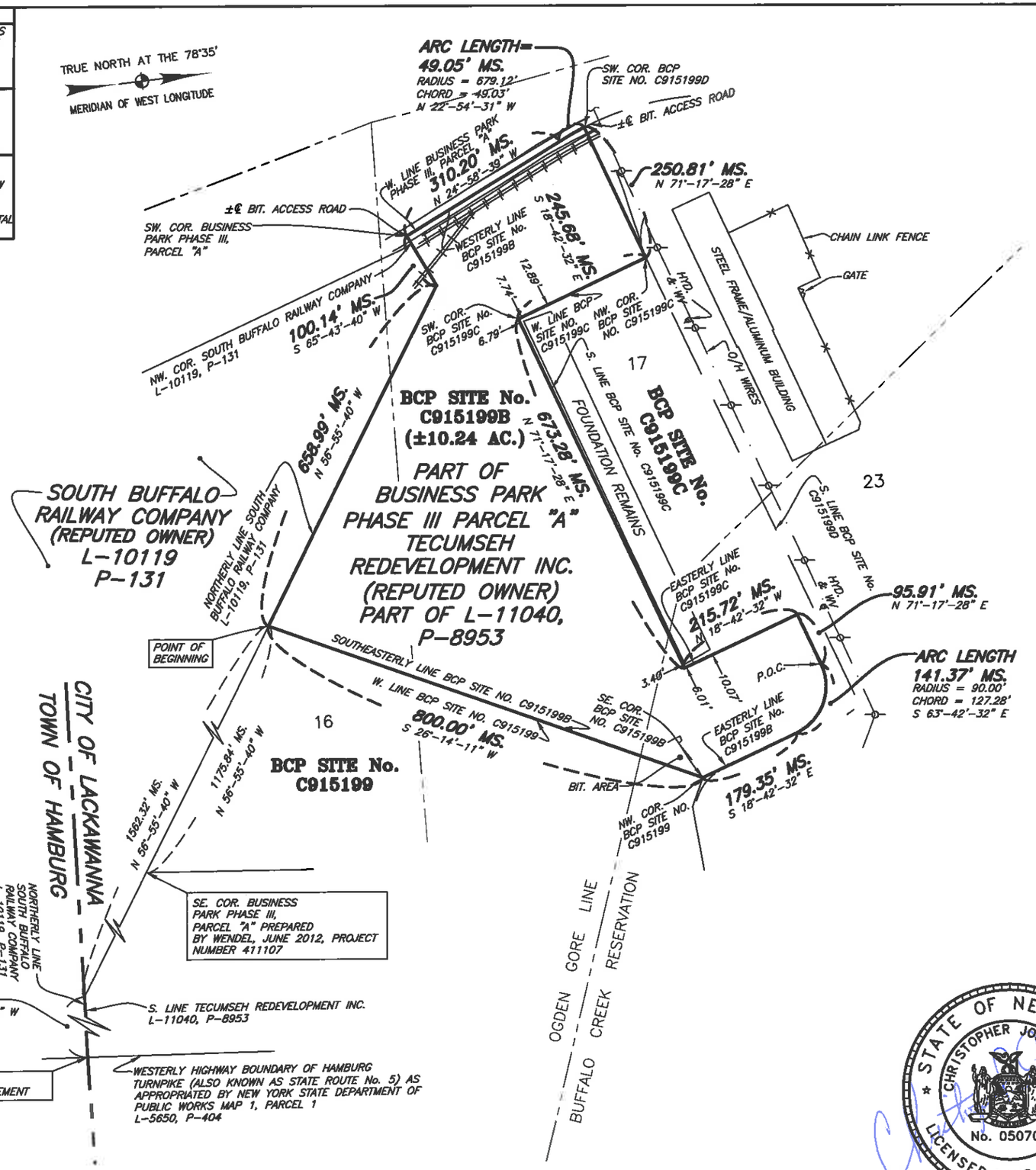
## SURVEY MAP
## METES & BOUNDS

NOTES:

-ONLY COPIES FROM THE ORIGINAL OF THIS SURVEY MAP MARKED WITH THE SIGNATURE AND AN ORIGINAL OF THE LAND SURVEYOR'S SEAL SHALL BE CONSIDERED TO BE VALID TRUE COPIES.

-UNAUTHORIZED ALTERATION OR ADDITION TO ANY SURVEY DRAWING, DESIGN, SPECIFICATION, PLAN OR REPORT IS A VIOLATION OF SECTION 7209, PROVISION 2 OF THE NEW YORK STATE EDUCATION LAW.

THIS PROPERTY IS SUBJECT TO AN ENVIRONMENTAL EASEMENT HELD BY THE NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION PURSUANT TO TITLE 36 OF ARTICLE 71 OF THE NEW YORK ENVIRONMENTAL CONSERVATION LAW.




## ENVIRONMENTAL EASEMENT DESCRIPTION FOR BCP SITE No. C915199B

ALL THAT TRACT OR PARCEL OF LAND SITUATE IN THE CITY OF LACKAWANNA, COUNTY OF ERIE AND STATE OF NEW YORK, BEING PART OF LOTS 16 AND 17 OF THE OGDEN GORE TRACT, AND LOT 23 OF THE BUFFALO CREEK RESERVATION, TOWNSHIP 10, RANGE 8 OF THE HOLLAND LAND COMPANY'S SURVEY, BEING BCP SITE NUMBER C915199B, AS SHOWN ON A MAP OF BUSINESS PARK PHASE III, PREPARED BY WENDEL, JUNE 2012, PROJECT NUMBER 411107, BEING MORE PARTICULARLY BOUNDED AND DESCRIBED AS FOLLOWS:

COMMENCING AT THE INTERSECTION OF THE WESTERLY HIGHWAY BOUNDARY OF THE HAMBURG TURNPIKE (ALSO KNOWN AS STATE ROUTE NO. 5) AS APPROPRIATED BY NEW YORK STATE DEPARTMENT OF PUBLIC WORKS, MAP 1, PARCEL 1 AND AS RECORDED IN THE ERIE COUNTY CLERK'S OFFICE IN LIBER 5650 OF DEEDS, PAGE 404, AND THE MUNICIPAL BOUNDARY LINE BETWEEN THE CITY OF LACKAWANNA (TO THE NORTH) AND THE TOWN OF HAMBURG (TO THE SOUTH), SAID POINT ALSO BEING ON THE NORTHERLY BOUNDARY OF LANDS CONVEYED TO THE SOUTH BUFFALO RAILWAY COMPANY BY DEED RECORDED IN THE ERIE COUNTY CLERK'S OFFICE IN LIBER 10119 OF DEEDS AT PAGE 131;

THENCE ALONG THE NORTHERLY LINE OF SAID SOUTH BUFFALO RAILWAY COMPANY, N 86°-32'-54 W, A DISTANCE OF 507.02 FEET TO A POINT;

THENCE CONTINUING ALONG THE NORTHERLY LINE OF SAID SOUTH BUFFALO RAILWAY COMPANY, N 56°-55'-40" W, A DISTANCE OF 1562.32 FEET TO THE POINT OF BEGINNING;

THENCE CONTINUING ALONG THE NORTHERLY LINE OF SAID SOUTH BUFFALO RAILWAY COMPANY, N 56°-55'-40" W, A DISTANCE OF 658.99 FEET TO A POINT;

THENCE CONTINUING ALONG THE NORTHERLY LINE OF SAID SOUTH BUFFALO RAILWAY COMPANY, S 65°-43'-40" W, A DISTANCE OF 100.14 FEET TO THE SOUTHWEST CORNER OF BUSINESS PARK PHASE III, PARCEL "A" AS SHOWN ON SAID MAP PREPARED BY WENDEL;

THENCE ALONG THE WEST LINE OF BUSINESS PARK PHASE III, PARCEL "A", N 24°-58'-39" W, A DISTANCE OF 310.46 FEET TO A POINT OF CURVATURE;

THENCE ALONG A CURVE TO THE RIGHT HAVING A RADIUS OF 679.12 FEET, AN ARC LENGTH OF 49.05 FEET, A CHORD BEARING OF N 22°-54'-31" W, AT A DISTANCE OF 49.03 FEET TO THE SOUTHWEST CORNER OF BCP SITE NUMBER C915199D;

THENCE ALONG THE SOUTH LINE OF SAID BCP SITE NUMBER C915199D, N 71°-17'-28" E, A DISTANCE OF 250.81 FEET TO THE NORTHWESTERLY CORNER OF BCP SITE NUMBER C915199C;

THENCE ALONG THE WESTERLY LINE OF BCP SITE NUMBER C915199C, S 18°-42'-32" E, A DISTANCE OF 245.68 FEET TO THE SOUTHWEST CORNER OF BCP SITE NUMBER C915199C;

THENCE ALONG THE SOUTHERLY LINE OF BCP SITE NUMBER C915199C, N 71°-17'-28" E, A DISTANCE OF 673.28 FEET TO A POINT;

THENCE ALONG THE EASTERLY LINE OF BCP SITE NUMBER C915199C, N 18°-42'-32" W, A DISTANCE OF 215.72 FEET TO A POINT;

THENCE ALONG THE SOUTHERLY LINE OF BCP SITE NUMBER C195199C, N 71°-17'-28" E, A DISTANCE OF 95.91 FEET TO A POINT OF CURVATURE;

THENCE ALONG A CURVE TO THE RIGHT HAVING A RADIUS OF 90.00 FEET, AN ARC LENGTH OF 141.37 FEET, A CHORD BEARING OF S 63°-42'-32" E, AT A DISTANCE OF 127.28 FEET TO A POINT OF TANGENCY;

THENCE ALONG A LINE S 18°-42'-32" E, A DISTANCE OF 179.35 FEET TO THE NORTHWEST CORNER OF BCP SITE NUMBER C915199;

THENCE ALONG THE WEST LINE OF BCP SITE NUMBER C915199, S 26°-14'-11" W, A DISTANCE OF 800.00 FEET TO THE POINT OF BEGINNING. CONTAINING 10.24 ACRES OF LAND, MORE OR LESS.

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

PREPARED BY THE CONSULTANT

wendel
375 ESSJAY ROAD, SUITE 200
WILLIAMSVILLE, NY 14221
www.wendelcompanies.com
p:716.688.0766 f:716.625.6825

MAP OF
1951 HAMBURG TURNPIKE
BCA BOUNDARIES & PLANNED SUB-PARCELS BROWNFIELD CLEAN-UP PROGRAM
IN BUSINESS PARK PHASE III
TO
THE NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
SITUATE IN PARTS OF LOTS 16 & 17 OF THE OGDEN GORE TRACT AND
PART OF LOT 23 OF THE BUFFALO CREEK RESERVATION,
TOWNSHIP 10, RANGE 8 OF THE HOLLAND LAND COMPANY'S SURVEY
CITY OF LACKAWANNA, COUNTY OF ERIE, STATE OF NEW YORK
T.M.#: PART OF 141.11-1-1.111

200' 100' 50' 0' 200' 400'

1 inch = 200 Feet
1:2400

I HEREBY CERTIFY TO THE PEOPLE OF THE STATE OF NEW YORK, ACTING THROUGH THEIR COMMISSIONER OF THE DEPARTMENT OF ENVIRONMENTAL CONSERVATION AND CHICAGO TITLE INSURANCE COMPANY THAT THIS IS AN ACCURATE SURVEY MAP PREPARED UNDER MY DIRECTION, FROM AN ACTUAL SURVEY, PERFORMED IN ACCORDANCE TO THE STANDARDS AND PROCEDURES ADOPTED BY THE NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION, SEPTEMBER 14, 2012
FIELD SURVEY COMPLETED JUNE 2012.

STATE OF NEW YORK
CHRISTOPHER JOHN SCOTT
No. 050708
LICENSED LAND SURVEYOR

Christopher J. Scott 11/15/16

CHRISTOPHER J. SCOTT, LAND SURVEYOR #050708 DATE

SHEET 1 of 1 | CHECKED BY: CJS | MAP NUMBER BCP SITE No. C915199B

WENDEL PROJECT NUMBER: 411107
DRAWING NAME: PH3-2 C915199B.DWG

ENVIRONMENTAL EASEMENT DESCRIPTION
FOR BCP SITE No. C915199B

ALL THAT TRACT OR PARCEL OF LAND SITUATE IN THE CITY OF LACKAWANNA, COUNTY OF ERIE AND STATE OF NEW YORK, BEING PART OF LOTS 16 AND 17 OF THE OGDEN GORE TRACT, AND LOT 23 OF THE BUFFALO CREEK RESERVATION, TOWNSHIP 10, RANGE 8 OF THE HOLLAND LAND COMPANY'S SURVEY, BEING BCP SITE NUMBER C915199B, AS SHOWN ON A MAP OF BUSINESS PARK PHASE III, PREPARED BY WENDEL, JUNE 2012, PROJECT NUMBER 411107, BEING MORE PARTICULARLY BOUNDED AND DESCRIBED AS FOLLOWS:

COMMENCING AT THE INTERSECTION OF THE WESTERLY HIGHWAY BOUNDARY OF THE HAMBURG TURNPIKE (ALSO KNOWN AS STATE ROUTE NO. 5) AS APPROPRIATED BY NEW YORK STATE DEPARTMENT OF PUBLIC WORKS, MAP 1, PARCEL 1 AND AS RECORDED IN THE ERIE COUNTY CLERK'S OFFICE IN LIBER 5650 OF DEEDS, PAGE 404, AND THE MUNICIPAL BOUNDARY LINE BETWEEN THE CITY OF LACKAWANNA (TO THE NORTH) AND THE TOWN OF HAMBURG (TO THE SOUTH), SAID POINT ALSO BEING ON THE NORTHERLY BOUNDARY OF LANDS CONVEYED TO THE SOUTH BUFFALO RAILWAY COMPANY BY DEED RECORDED IN THE ERIE COUNTY CLERK'S OFFICE IN LIBER 10119 OF DEEDS AT PAGE 131;

THENCE ALONG THE NORTHERLY LINE OF SAID SOUTH BUFFALO RAILWAY COMPANY, N 86°-32'-54 W, A DISTANCE OF 507.02 FEET TO A POINT;

THENCE CONTINUING ALONG THE NORTHERLY LINE OF SAID SOUTH BUFFALO RAILWAY COMPANY, N 56°-55'-40” W, A DISTANCE OF 1562.32 FEET TO THE POINT OF BEGINNING;

THENCE CONTINUING ALONG THE NORTHERLY LINE OF SAID SOUTH BUFFALO RAILWAY COMPANY, N 56°-55'-40” W, A DISTANCE OF 658.99 FEET TO A POINT;

THENCE CONTINUING ALONG THE NORTHERLY LINE OF SAID SOUTH BUFFALO RAILWAY COMPANY, S 65°-52'-33” W, A DISTANCE OF 100.14 FEET TO THE SOUTHWEST CORNER OF BUSINESS PARK PHASE III, PARCEL “A” AS SHOWN ON SAID MAP PREPARED BY WENDEL;

THENCE ALONG THE WEST LINE OF BUSINESS PARK PHASE III, PARCEL "A", N 24°-58'-39” W, A DISTANCE OF 310.20 FEET TO A POINT OF CURVATURE;

THENCE ALONG A CURVE TO THE RIGHT HAVING A RADIUS OF 679.12 FEET, AN ARC LENGTH OF 49.05 FEET, A CHORD BEARING OF N 22°-54'-31” W, AT A DISTANCE OF 49.03 FEET TO THE SOUTHWEST CORNER OF BCP SITE NUMBER C915199D;

THENCE ALONG THE SOUTH LINE OF SAID BCP SITE NUMBER C915199D,

N 71°-17'-28” E, A DISTANCE OF 250.81 FEET TO THE NORTHWESTERLY CORNER OF BCP SITE NUMBER C915199C;

THENCE ALONG THE WESTERLY LINE OF BCP SITE NUMBER C915199C,
N 18°-42'-32” W, A DISTANCE OF 245.68 FEET TO THE SOUTHWEST CORNER OF BCP SITE NUMBER C915199C;

THENCE ALONG THE SOUTHERLY LINE OF BCP SITE NUMBER C915199C,
N 71°-17'-28” W, A DISTANCE OF 673.28 FEET TO A POINT;

THENCE ALONG THE EASTERLY LINE OF BCP SITE NUMBER C915199C,
N 18°-42'-32” E, A DISTANCE OF 215.72 FEET TO A POINT;

THENCE ALONG THE SOUTHERLY LINE OF BCP SITE NUMBER C195199C,
N 71°-17'-28” E, A DISTANCE OF 95.91 FEET TO A POINT OF CURVATURE;

THENCE ALONG A CURVE TO THE RIGHT HAVING A RADIUS OF 90.00 FEET, AN ARC LENGTH OF 141.37 FEET, A CHORD BEARING OF S 63°-42'-32” E, AT A DISTANCE OF 127.28 FEET TO A POINT OF TANGENCY;

THENCE ALONG A LINE S 18°-42'-32” E, A DISTANCE OF 179.35 FEET TO THE NORTHWEST CORNER OF BCP SITE NUMBER C915199;

THENCE ALONG THE WEST LINE OF BCP SITE NUMBER C915199, S 26°-14'-11” W, A DISTANCE OF 800.00 FEET TO THE POINT OF BEGINNING; CONTAINING 10.24 ACRES OF LAND, MORE OR LESS.

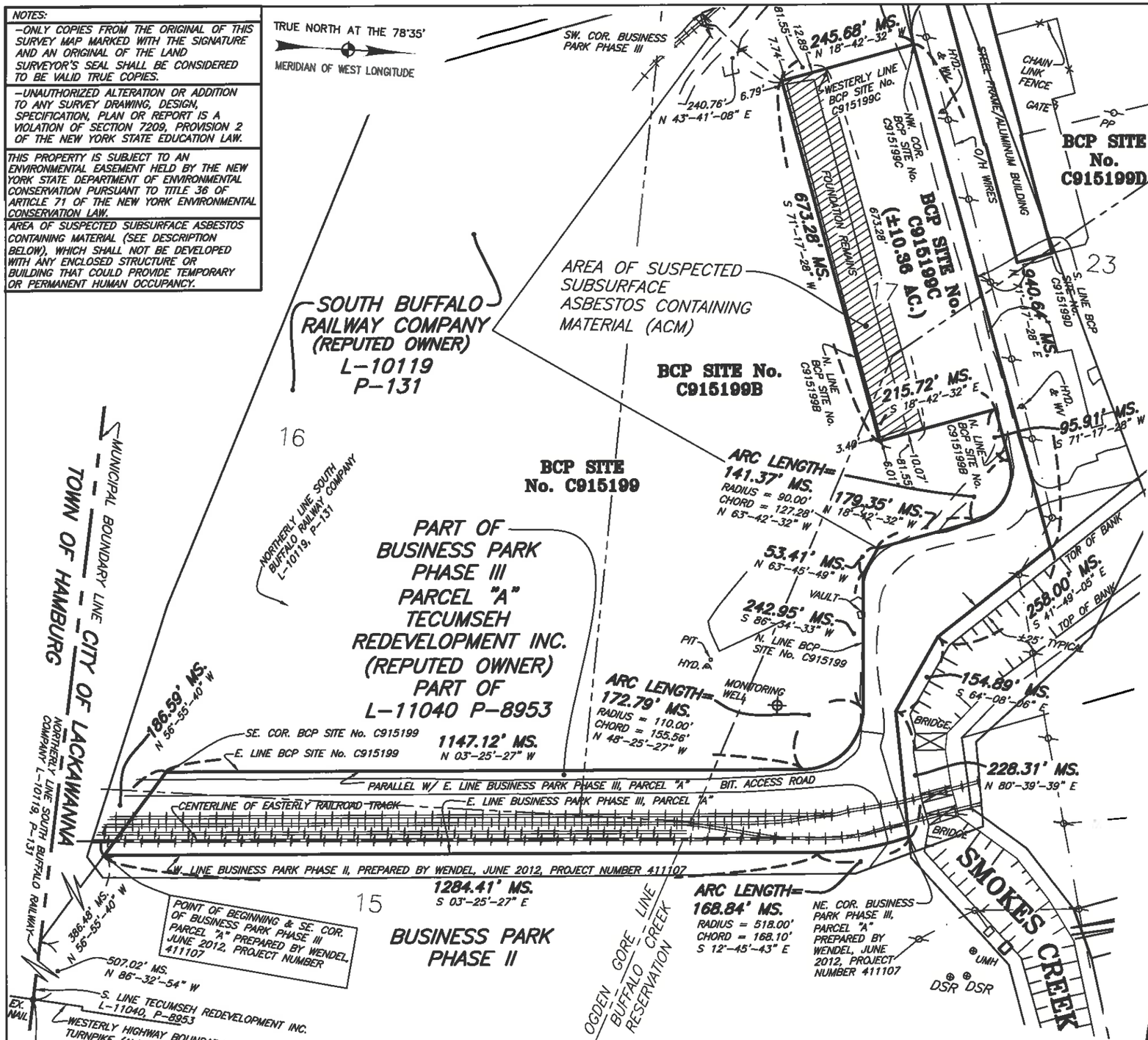
NOTES:

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AREA OF SUSPECTED SUBSURFACE ASBESTOS CONTAINING MATERIAL (SEE DESCRIPTION BELOW), WHICH SHALL NOT BE DEVELOPED WITH ANY ENCLOSED STRUCTURE OR BUILDING THAT COULD PROVIDE TEMPORARY OR PERMANENT HUMAN OCCUPANCY.




## DESCRIPTION FOR THE AREA OF SUSPECTED SUBSURFACE ASBESTOS CONTAINING MATERIAL (ACM) SUBJECT TO SPECIAL EXCEPTION:

COMMENCING AT THE SOUTHWEST CORNER OF THE ENVIRONMENTAL EASEMENT BUSINESS PARK PHASE III, PARCEL"A" AS SHOWN ON SAID MAP PREPARED BY WENDEL

THENCE N 43°-41"-08" E, A DISTANCE OF 240.76 FEET TO THE POINT OF BEGINNING;

THENCE N 18°-42'-32" W, A DISTANCE OF 81.55 FEET TO A POINT;

THENCE N 71°-17'-28" E, A DISTANCE OF 673.28 FEET TO A POINT;

THENCE S 18°-42'-32" E, A DISTANCE OF 81.55 FEET TO A POINT;

THENCE S 71°-17'-28" W, A DISTANCE OF 673.28 FEET TO THE POINT OF BEGINNING. CONTAINING 1.26 ACRES OF LAND, MORE OR LESS.

WENDEL PROJECT NUMBER: 411107
DRAWING NAME: PH3–3 C915199C.Dwg

## ENVIRONMENTAL EASEMENT DESCRIPTION FOR BCP SITE No. C915199C

ALL THAT TRACT OR PARCEL OF LAND SITUATE IN THE CITY OF LACKAWANNA, COUNTY OF ERIE AND STATE OF NEW YORK, BEING PART OF LOTS 15, 16 AND 17 OF THE OGDEN GORE TRACT, AND LOT 23 OF THE BUFFALO CREEK RESERVATION, TOWNSHIP 10, RANGE 8 OF THE HOLLAND LAND COMPANIES SURVEY, BEING BCP SITE NUMBER C915199C, AS SHOWN ON A MAP OF "BUSINESS PARK PHASE III", PREPARED BY WENDEL, JUNE 2012, PROJECT NUMBER 411107, BEING MORE PARTICULARLY BOUNDED AND DESCRIBED AS FOLLOWS:

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THENCE ALONG THE NORTHERLY LINE SAID SOUTH BUFFALO RAILWAY COMPANY, N 86°–32'–54" W, A DISTANCE OF 507.02 FEET TO A POINT;

THENCE CONTINUING ALONG THE NORTHERLY LINE OF SAID SOUTH BUFFALO RAILWAY COMPANY, N 56°–55'–40" W , A DISTANCE OF 386.48 FEET TO THE TRUE POINT OR PLACE OF BEGINNING, SAID POINT ALSO BEING THE SOUTHEAST CORNER OF BUSINESS PARK PHASE III, PARCEL "A" AS SHOWN ON SAID MAP PREPARED BY WENDEL;

THENCE CONTINUING ALONG THE NORTHERLY LINE OF SAID SOUTH BUFFALO RAILWAY COMPANY, N 56°–55'–40" W, A DISTANCE OF 186.59 FEET TO THE SOUTHEAST CORNER OF BUSINESS PARK PHASE III, PARCEL "A", BCP SITE NUMBER C915199;

THENCE PARALLEL WITH THE EAST LINE OF SAID BUSINESS PARK PHASE III, PARCEL "A", N 03°–25'–27" W, A DISTANCE OF 1147.12 FEET TO A POINT OF CURVATURE;

THENCE ALONG A CURVE TO THE LEFT HAVING A RADIUS OF 110.00 FEET, AN ARC LENGTH OF 172.79 FEET, A CHORD BEARING N 48°–25'–27" W, AT A DISTANCE OF 155.56 FEET TO A POINT OF TANGENCY;

THENCE ALONG THE NORTHERLY LINE OF BCP SITE NUMBER C915199, S 86°–34'–33" W, A DISTANCE OF 242.95 FEET TO AN ANGLE POINT IN SAID LINE;

THENCE CONTINUING ALONG THE NORTHERLY LINE OF SAID BCP SITE NUMBER C915199, N 63°–45'–49" W, A DISTANCE OF 53.41 FEET TO THE NORTHEAST CORNER OF BCP SITE NUMBER C915199B;

THENCE ALONG THE EASTERLY LINE OF SAID BCP SITE NUMBER C915199B, N 18°–42'–32" W, A DISTANCE OF 179.35 FEET TO A POINT OF CURVATURE;

THENCE ALONG A CURVE TO THE LEFT HAVING A RADIUS OF 90.00 FEET, AN ARC LENGTH OF 141.37 FEET , A CHORD BEARING N 63°–42'–32" W, AT A DISTANCE OF 127.28 FEET TO A POINT OF TANGENCY;

THENCE ALONG THE NORTHERLY LINE OF SAID BCP SITE NUMBER C915199B, S 71°–17'–28" W, A DISTANCE OF 95.91 FEET TO A POINT;

THENCE AT RIGHT ANGLES TO THE LAST DESCRIBED LINE, S 18°–42'–32" E, A DISTANCE OF 215.72 FEET TO A POINT IN THE NORTHERLY LINE OF BCP SITE NUMBER C915199B;

THENCE ALONG THE NORTHERLY LINE OF BCP SITE NUMBER C915199B, S 71°–17'–28" W, A DISTANCE OF 673.28 FEET TO A POINT;

THENCE AT RIGHT ANGLES TO THE LAST DESCRIBED LINE, N 18°–42'–32" W, A DISTANCE OF 245.68 FEET TO A POINT IN THE SOUTHERLY LINE OF BCP SITE NUMBER C915199D;

THENCE ALONG THE SOUTHERLY LINE OF SAID BCP SITE NUMBER C915199D, N 71°–17'–28" E, A DISTANCE OF 940.64 FEET TO A POINT THAT IS 25.0 FEET, MORE OR LESS, SOUTH OF THE SOUTH HIGH BANK OF SMOKES CREEK;

THENCE ALONG A LINE 25.0 FEET, MORE OR LESS, SOUTH OF SAID BANK OF SMOKES CREEK THE FOLLOWING 3 COURSES AND DISTANCES:
1. S 41°–49'–05" E, A DISTANCE OF 258.00 FEET TO A POINT;
2. S 64°–08'–06" E, A DISTANCE OF 154.89 FEET TO A POINT;
3. N 80°–39'–39" E A DISTANCE OF 228.31 FEET TO THE NORTHEAST CORNER OF SAID BUSINESS PARK PHASE III, PARCEL "A";

THENCE ALONG A CURVE TO THE RIGHT HAVING A RADIUS OF 518.00 FEET, AN ARC LENGTH OF 168.84 FEET, A CHORD BEARING S 12°–45'–43" E, AT A DISTANCE OF 168.10 FEET TO A POINT OF TANGENCY;

THENCE ALONG THE EASTERLY LINE OF BUSINESS PARK PHASE III, PARCEL "A", S 03°–25'–27" E, A DISTANCE OF 1284.41 FEET TO THE POINT OF BEGINNING. CONTAINING 10.36 ACRES OF LAND, MORE OR LESS.

STATE OF NEW YORK
CHRISTOPHER JOHN SCOTT
No. 050708
LICENSED LAND SURVEYOR

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

PREPARED BY THE CONSULTANT

wendel
375 ESSJAY ROAD, SUITE 200
WILLIAMSVILLE, NY 14221
www.wendelcompanies.com
p:716.688.0766 f:716.625.6825

MAP OF
1951 HAMBURG TURNPIKE
BCA BOUNDARIES & PLANNED SUB–PARCELS BROWNFIELD CLEAN–UP PROGRAM IN BUSINESS PARK PHASE III
TO
THE NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
SITUATE IN PARTS OF LOTS 15, 16 & 17 OF THE OGDEN GORE TRACT AND PART OF LOT 23 OF THE BUFFALO CREEK RESERVATION,
TOWNSHIP 10, RANGE 8 OF THE HOLLAND LAND COMPANY'S SURVEY
CITY OF LACKAWANNA, COUNTY OF ERIE, STATE OF NEW YORK
T.M.#: PART OF 141.11–1–1.111

200' 100' 50' 0' 200' 400'

1 inch = 200 Feet
1:2400

I HEREBY CERTIFY TO THE PEOPLE OF THE STATE OF NEW YORK, ACTING THROUGH THEIR COMMISSIONER OF THE DEPARTMENT OF ENVIRONMENTAL CONSERVATION AND CHICAGO TITLE INSURANCE COMPANY THAT THIS IS AN ACCURATE SURVEY MAP PREPARED UNDER MY DIRECTION, FROM AN ACTUAL SURVEY, PERFORMED IN ACCORDANCE TO THE STANDARDS AND PROCEDURES ADOPTED BY THE NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION, SEPTEMBER 14, 2012
FIELD SURVEY COMPLETED, JUNE 2012.

Christopher J. Scott 11/15/12
CHRISTOPHER J. SCOTT, LAND SURVEYOR #050708 DATE

SHEET 1 of 1 | CHECKED BY: CJS | MAP NUMBER BCP SITE No. C915199C

ENVIRONMENTAL EASEMENT DESCRIPTION
FOR BCP SITE No. C915199C

ALL THAT TRACT OR PARCEL OF LAND SITUATE IN THE CITY OF LACKAWANNA, COUNTY OF ERIE AND STATE OF NEW YORK, BEING PART OF LOTS 15, 16 AND 17 OF THE OGDEN GORE TRACT, AND LOT 23 OF THE BUFFALO CREEK RESERVATION, TOWNSHIP 10, RANGE 8 OF THE HOLLAND LAND COMPANIES SURVEY, BEING BCP SITE NUMBER C915199C, AS SHOWN ON A MAP OF "BUSINESS PARK PHASE III", PREPARED BY WENDEL, JUNE 2012, PROJECT NUMBER 411107, BEING MORE PARTICULARLY BOUNDED AND DESCRIBED AS FOLLOWS:

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THENCE ALONG THE NORTHERLY LINE SAID SOUTH BUFFALO RAILWAY COMPANY, N 86°-32'-54" W, A DISTANCE OF 507.02 FEET TO A POINT;

THENCE CONTINUING ALONG THE NORTHERLY LINE OF SAID SOUTH BUFFALO RAILWAY COMPANY, N 56°-55'-40" W , A DISTANCE OF 386.48 FEET TO THE TRUE POINT OR PLACE OF BEGINNING, SAID POINT ALSO BEING THE SOUTHEAST CORNER OF BUSINESS PARK PHASE III, PARCEL "A" AS SHOWN ON SAID MAP PREPARED BY WENDEL;

THENCE CONTINUING ALONG THE NORTHERLY LINE OF SAID SOUTH BUFFALO RAILWAY COMPANY, N 56°-55'-40" W, A DISTANCE OF 186.59 FEET TO THE SOUTHEAST CORNER OF BUSINESS PARK PHASE III, PARCEL "A", BCP SITE NUMBER C915199;

THENCE PARALLEL WITH THE EAST LINE OF SAID BUSINESS PARK PHASE III, PARCEL "A", N 03°-25'-27" W, A DISTANCE OF 1147.12 FEET TO A POINT OF CURVATURE;

THENCE ALONG A CURVE TO THE LEFT HAVING A RADIUS OF 110.00 FEET, AN ARC LENGTH OF 172.79 FEET, A CHORD BEARING N 48°-25'-27" W, AT A DISTANCE OF 155.56 FEET TO A POINT OF TANGENCY;

THENCE ALONG THE NORTHERLY LINE OF BCP SITE NUMBER C915199,
S 86°-34'-33" W, A DISTANCE OF 242.95 FEET TO AN ANGLE POINT IN SAID LINE;

THENCE CONTINUING ALONG THE NORTHERLY LINE OF SAID BCP SITE NUMBER C915199, N 63°-45'-49" W, A DISTANCE OF 53.41 FEET TO THE NORTHEAST CORNER OF BCP SITE NUMBER C915199B;

THENCE ALONG THE EASTERLY LINE OF SAID BCP SITE NUMBER C915199B, N 18°-42'-32" W, A DISTANCE OF 179.35 FEET TO A POINT OF CURVATURE;

THENCE ALONG A CURVE TO THE LEFT HAVING A RADIUS OF 90.00 FEET, AN ARC LENGTH OF 141.37 FEET , A CHORD BEARING N 63°-42'-32" W, AT A DISTANCE OF 127.28 FEET TO A POINT OF TANGENCY;

THENCE ALONG THE NORTHERLY LINE OF SAID BCP SITE NUMBER C915199B, S 71°-17'-28" W, A DISTANCE OF 95.91 FEET TO A POINT;

THENCE AT RIGHT ANGLES TO THE LAST DESCRIBED LINE, N 18°-42'-32" E, A DISTANCE OF 215.72 FEET TO A POINT IN THE NORTHERLY LINE OF BCP SITE NUMBER C915199B;

THENCE ALONG THE NORTHERLY LINE OF BCP SITE NUMBER C915199B, S 71°-17'-28" W, A DISTANCE OF 673.28 FEET TO A POINT;

THENCE AT RIGHT ANGLES TO THE LAST DESCRIBED LINE, N 18°-42'-32" W, A DISTANCE OF 245.68 FEET TO A POINT IN THE SOUTHERLY LINE OF BCP SITE NUMBER C915199D;

THENCE ALONG THE SOUTHERLY LINE OF SAID BCP SITE NUMBER C915199D, N 71°-17'-28" E, A DISTANCE OF 940.64 FEET TO A POINT THAT IS 25.0 FEET, MORE OR LESS, SOUTH OF THE SOUTH HIGH BANK OF SMOKES CREEK;

THENCE ALONG A LINE 25.0 FEET, MORE OR LESS, SOUTH OF SAID BANK OF SMOKES CREEK THE FOLLOWING 3 COURSES AND DISTANCES:
1. S 41°-49'-05" E, A DISTANCE OF 258.00 FEET TO A POINT;
2. S 64°-08'-06" E, A DISTANCE OF 154.89 FEET TO A POINT;
3. N 80°-39'-39" E A DISTANCE OF 228.31 FEET TO THE NORTHEAST CORNER OF SAID BUSINESS PARK PHASE III, PARCEL "A" ;

THENCE ALONG A CURVE TO THE RIGHT HAVING A RADIUS OF 518.00 FEET, AN ARC LENGTH OF 168.84 FEET, A CHORD BEARING S 12°-45'-43" E, AT A DISTANCE OF 168.10 FEET TO A POINT OF TANGENCY;

THENCE ALONG THE EASTERLY LINE OF BUSINESS PARK PHASE III, PARCEL "A", S 03°-25'-27" E, A DISTANCE OF 1284.41 FEET TO THE POINT OF BEGINNING. CONTAINING 10.36 ACRES OF LAND, MORE OR LESS.

# APPENDIX B

## DIGITAL COPY OF FER
## (CD ENCLOSED)

# APPENDIX C

## ENVIRONMENTAL EASEMENT

HSE

Harter Secrest & Emery LLP

ATTORNEYS AND COUNSELORS

WWW.HSELAW.COM

August 15, 2014

Mr. Benjamin Conlon
New York State Department of Environmental Conservation
Office of the General Counsel, 14th floor
625 Broadway
Albany, New York 12233-1010

Re: Tecumseh Redevelopment Inc. Business Park III
2303 Hamburg Turnpike, Hamburg, New York
Recorded Environmental Easement Package for
Index No.: B9-0696-05-06(C); NYSDEC Site Nos. C915199, C915199B, C915199C, C915199D, C915199E, C915199F, C915199I, C915199J

Dear Mr. Conlon:

With regard to the above-captioned matter, enclosed herewith please find the following:

1. Copy of the Environmental Easement recorded with the Erie County Clerk's Office on July 15, 2014 in Liber 11266 of Deeds at page 5467.

2. Affidavit of Service by Mail of the Municipal Notice, together with copies of the cover letter and enclosures sent to the City of Lackawanna and County of Erie and certified mail return receipts as exhibits attached thereto.

3. Affidavit of Service by Mail to parties identified as having an interest in the property, as set forth in Schedule "B" of the Title Commitment, together with copies of the notice delivered to such parties and certified mail return receipts as exhibits attached thereto.

Please do not hesitate to contact me should you have any questions or require anything further.

Very truly yours,

Harter Secrest & Emery LLP

Michael L. Nisengard

DIRECT DIAL: 716.844.3715
E-MAIL: MNISENGARD@HSELAW.COM

MLN:lks
Enclosures

cc: Tom Forbes (via email)
Patrick Foster, Esq. (via email)
Marc A. Romanowski, Esq. (via email)

ERIE COUNTY CLERK'S OFFICE

County Clerk's Recording Page

Return to:
BOX 29

Party 1:
TECUMSEH REDEVELOPMENT INC

Party 2:
NEW YORK STATE DEPT OF
ENVIRONMENTAL CONSERVATION

**Book Type: D Book: 11266 Page: 5467**
Page Count: 13
Doc Type: EASEMENT/RTWY
Rec Date: 07/15/2014
Rec Time: 09:21:59 AM
Control #: 2014137592
UserID: Donna
Trans #: 14107868
Document Sequence Number
TT2013021928

**Consideration Amount: 1.00**

**Recording Fees:**

| | |
|---|---|
| RECORDING | $85.00 |
| COE CO $1 RET | $1.00 |
| COE STATE $14.25 GEN | $14.25 |
| COE STATE $4.75 RM | $4.75 |
| TP584 | $10.00 |

| | |
|---|---|
| BASIC MT | $0.00 |
| SONYMA MT | $0.00 |
| ADDL MT/NFTA | $0.00 |
| SP MT/M-RAIL | $0.00 |
| NY STATE TT | $0.00 |
| ROAD FUND TT | $0.00 |

**Total: $115.00**

STATE OF NEW YORK
ERIE COUNTY CLERK'S OFFICE

WARNING – THIS SHEET CONSTITUTES THE CLERK'S ENDORSEMENT REQUIRED BY SECTION 319&316-a (5) OF THE REAL PROPERTY LAW OF THE STATE OF NEW YORK. DO NOT DETACH. THIS IS NOT A BILL.

Christopher L. Jacobs
County Clerk

Box 29

## ENVIRONMENTAL EASEMENT GRANTED PURSUANT TO ARTICLE 71, TITLE 36 OF THE NEW YORK STATE ENVIRONMENTAL CONSERVATION LAW

**THIS INDENTURE** made this 26th day of June, 2014 between Owner(s) Tecumseh Redevelopment Inc., having an office at 4020 Kinross Lakes Parkway, County of Summit, State of Ohio (the "Grantor"), and The People of the State of New York (the "Grantee."), acting through their Commissioner of the Department of Environmental Conservation (the "Commissioner", or "NYSDEC" or "Department" as the context requires) with its headquarters located at 625 Broadway, Albany, New York 12233,

**WHEREAS,** the Legislature of the State of New York has declared that it is in the public interest to encourage the remediation of abandoned and likely contaminated properties ("sites") that threaten the health and vitality of the communities they burden while at the same time ensuring the protection of public health and the environment; and

**WHEREAS,** the Legislature of the State of New York has declared that it is in the public interest to establish within the Department a statutory environmental remediation program that includes the use of Environmental Easements as an enforceable means of ensuring the performance of operation, maintenance, and/or monitoring requirements and the restriction of future uses of the land, when an environmental remediation project leaves residual contamination at levels that have been determined to be safe for a specific use, but not all uses, or which includes engineered structures that must be maintained or protected against damage to perform properly and be effective, or which requires groundwater use or soil management restrictions; and

**WHEREAS,** the Legislature of the State of New York has declared that Environmental Easement shall mean an interest in real property, created under and subject to the provisions of Article 71, Title 36 of the New York State Environmental Conservation Law ("ECL") which contains a use restriction and/or a prohibition on the use of land in a manner inconsistent with engineering controls which are intended to ensure the long term effectiveness of a site remedial program or eliminate potential exposure pathways to hazardous waste or petroleum; and

**WHEREAS,** Grantor, is the owner of real property located at the address of 2303 Hamburg Turnpike in the City of Lackawanna, County of Erie and State of New York, known and designated on the tax map of the County Clerk of Erie as tax map parcel numbers: Section 141.11 Block 1 Lot 50, being a portion of that certain plot, piece or parcel of land conveyed to Grantor by deed dated May 6, 2003 and recorded in the Erie County Clerk's Office in Liber 11040 and Page 8953. The property subject to this Environmental Easement (the "Controlled Property") comprises approximately 105.18 +/- acres, and is hereinafter more fully described in the Land Title Survey, which includes parcels recognized under Brownfield Cleanup Agreement Amendments dated August 22, 2012 ("Sites"), dated September 14, 2012, field survey completed June 12, 2012 and prepared by Wendel, which will be attached to the Site Management Plan. The Controlled Property description is set forth in and attached hereto as Schedule A; and

**WHEREAS,** the Department accepts this Environmental Easement in order to ensure the protection of public health and the environment and to achieve the requirements for remediation established for the Controlled Property until such time as this Environmental Easement is extinguished pursuant to ECL Article 71, Title 36; and

137592 2P-LKW 7/8/12

**NOW THEREFORE**, in consideration of the mutual covenants contained herein and the terms and conditions of Brownfield Cleanup Agreement Index Number: B9-0696-05-06(C), Grantor conveys to Grantee a permanent Environmental Easement pursuant to ECL Article 71, Title 36 in, on, over, under, and upon the Controlled Property as more fully described herein ("Environmental Easement").

1. Purposes. Grantor and Grantee acknowledge that the Purposes of this Environmental Easement are: to convey to Grantee real property rights and interests that will run with the land in perpetuity in order to provide an effective and enforceable means of encouraging the reuse and redevelopment of this Controlled Property at a level that has been determined to be safe for a specific use while ensuring the performance of operation, maintenance, and/or monitoring requirements; and to ensure the restriction of future uses of the land that are inconsistent with the above-stated purpose.

2. Institutional and Engineering Controls. The controls and requirements listed in the Department approved Site Management Plan ("SMP") including any and all Department approved amendments to the SMP are incorporated into and made part of this Environmental Easement. These controls and requirements apply to the use of the Controlled Property, run with the land, are binding on the Grantor and the Grantor's successors and assigns, and are enforceable in law or equity against any owner of the Controlled Property, any lessees and any person using the Controlled Property.

A. (1) The Controlled Property may be used for:

**Commercial as described in 6 NYCRR Part 375-1.8(g)(2)(iii) and Industrial as described in 6 NYCRR Part 375-1.8(g)(2)(iv)**

**In addition, that part of the Controlled Property located on that certain portion of BCP Site No. C915199C, as such portion is set forth in and attached hereto as Schedule B, shall not be developed with any enclosed structure or building that could provide temporary or permanent human occupancy.**

(2) All Engineering Controls must be operated and maintained as specified in the Site Management Plan (SMP);

(3) All Engineering Controls must be inspected at a frequency and in a manner defined in the SMP;

(4) The use of groundwater underlying the property is prohibited without necessary water quality treatment as determined by the NYSDOH or the Erie County Department of Health to render it safe for use as drinking water or for industrial purposes, and the user must first notify and obtain written approval to do so from the Department;

(5) Groundwater and other environmental or public health monitoring must be performed as defined in the SMP;

(6) Data and information pertinent to Site Management of the Controlled Property must be reported at the frequency and in a manner defined in the SMP;

(7) All future activities on the property that will disturb remaining contaminated material must be conducted in accordance with the SMP;

(8) Monitoring to assess the performance and effectiveness of the remedy must be performed as defined in the SMP;

(9) Operation, maintenance, monitoring, inspection, and reporting of any mechanical or physical components of the remedy shall be performed as defined in the SMP;

(10) Access to the site must be provided to agents, employees or other representatives of the State of New York with reasonable prior notice to the property owner to assure compliance with the restrictions identified by this Environmental Easement.

B. The Controlled Property shall not be used for Residential or Restricted Residential purposes as defined in 6NYCRR 375-1.8(g)(2)(i) and (ii), and the above-stated engineering controls may not be discontinued without an amendment or extinguishment of this Environmental Easement.

C. The SMP describes obligations that the Grantor assumes on behalf of Grantor, its successors and assigns. The Grantor's assumption of the obligations contained in the SMP which may include sampling, monitoring, and/or operating a treatment system, and providing certified reports to the NYSDEC, is and remains a fundamental element of the Department's determination that the Controlled Property is safe for a specific use, but not all uses. The SMP may be modified in accordance with the Department's statutory and regulatory authority. The Grantor and all successors and assigns, assume the burden of complying with the SMP and obtaining an up-to-date version of the SMP from:

Site Control Section
Division of Environmental Remediation
NYSDEC
625 Broadway
Albany, New York 12233
Phone: (518) 402-9553

D. Grantor must provide all persons who acquire any interest in the Controlled Property a true and complete copy of the SMP that the Department approves for the Controlled Property and all Department-approved amendments to that SMP.

E. Grantor covenants and agrees that until such time as the Environmental Easement is extinguished in accordance with the requirements of ECL Article 71, Title 36 of the ECL, the property deed and all subsequent instruments of conveyance relating to the Controlled Property shall state in at least fifteen-point bold-faced type:

**This property is subject to an Environmental Easement held by the New York State Department of Environmental Conservation pursuant to Title 36 of Article 71 of the**

## Environmental Conservation Law.

F. Grantor covenants and agrees that this Environmental Easement shall be incorporated in full or by reference in any leases, licenses, or other instruments granting a right to use the Controlled Property.

G. Grantor covenants and agrees that it shall, at such time as NYSDEC may require, submit to NYSDEC a written statement by an expert the NYSDEC may find acceptable certifying under penalty of perjury, in such form and manner as the Department may require, that:

(1) the inspection of the site to confirm the effectiveness of the institutional and engineering controls required by the remedial program was performed under the direction of the individual set forth at 6 NYCRR Part 375-1.8(h)(3).

(2) the institutional controls and/or engineering controls employed at such site:

(i) are in-place;

(ii) are unchanged from the previous certification, or that any identified changes to the controls employed were approved by the NYSDEC and that all controls are in the Department-approved format; and

(iii) that nothing has occurred that would impair the ability of such control to protect the public health and environment;

(3) the owner will continue to allow access to such real property to evaluate the continued maintenance of such controls;

(4) nothing has occurred that would constitute a violation or failure to comply with any site management plan for such controls;

(5 the report and all attachments were prepared under the direction of, and reviewed by, the party making the certification;

(6) to the best of his/her knowledge and belief, the work and conclusions described in this certification are in accordance with the requirements of the site remedial program, and generally accepted engineering practices; and

(7) the information presented is accurate and complete.

3. Right to Enter and Inspect. Grantee, its agents, employees, or other representatives of the State may enter and inspect the Controlled Property in a reasonable manner and at reasonable times to assure compliance with the above-stated restrictions.

4. Reserved Grantor's Rights. Grantor reserves for itself, its assigns, representatives, and successors in interest with respect to the Property, all rights as fee owner of the Property, including:

A. Use of the Controlled Property for all purposes not inconsistent with, or limited by the terms of this Environmental Easement;

B. The right to give, sell, assign, or otherwise transfer part or all of the underlying fee interest to the Controlled Property, subject and subordinate to this Environmental Easement;

5. Enforcement

A. This Environmental Easement is enforceable in law or equity in perpetuity by Grantor, Grantee, or any affected local government, as defined in ECL Section 71-3603, against

the owner of the Property, any lessees, and any person using the land. Enforcement shall not be defeated because of any subsequent adverse possession, laches, estoppel, or waiver. It is not a defense in any action to enforce this Environmental Easement that: it is not appurtenant to an interest in real property; it is not of a character that has been recognized traditionally at common law; it imposes a negative burden; it imposes affirmative obligations upon the owner of any interest in the burdened property; the benefit does not touch or concern real property; there is no privity of estate or of contract; or it imposes an unreasonable restraint on alienation.

B. If any person violates this Environmental Easement, the Grantee may revoke the Certificate of Completion with respect to the Site within the Controlled Property on or about which the violation pertains.

C. Grantee shall notify Grantor of a breach or suspected breach of any of the terms of this Environmental Easement. Such notice shall set forth how Grantor can cure such breach or suspected breach and give Grantor a reasonable amount of time from the date of receipt of notice in which to cure. At the expiration of such period of time to cure, or any extensions granted by Grantee, the Grantee shall notify Grantor of any failure to adequately cure the breach or suspected breach, and Grantee may take any other appropriate action reasonably necessary to remedy any breach of this Environmental Easement, including the commencement of any proceedings in accordance with applicable law.

D. The failure of Grantee to enforce any of the terms contained herein shall not be deemed a waiver of any such term nor bar any enforcement rights.

6. Notice. Whenever notice to the Grantee (other than the annual certification) or approval from the Grantee is required, the Party providing such notice or seeking such approval shall identify the Controlled Property by referencing the following information:

County, NYSDEC Site Number, NYSDEC Brownfield Cleanup Agreement, State Assistance Contract or Order Number, and the County tax map number or the Liber and Page or computerized system identification number.

Parties shall address correspondence to: Site Numbers: C915199, C915199B, C915199C, C915199D, C915199E, C915199F, C915199I, and C915199J

Office of General Counsel
NYSDEC
625 Broadway
Albany New York 12233-5500

With a copy to:

Site Control Section
Division of Environmental Remediation
NYSDEC
625 Broadway
Albany, NY 12233

All notices and correspondence shall be delivered by hand, by registered mail or by Certified mail and return receipt requested. The Parties may provide for other means of receiving and communicating notices and responses to requests for approval.

[10/12]

7. Recordation. Grantor shall record this instrument, within thirty (30) days of execution of this instrument by the Commissioner or her/his authorized representative in the office of the recording officer for the county or counties where the Property is situated in the manner prescribed by Article 9 of the Real Property Law.

8. Amendment. Any amendment to this Environmental Easement may only be executed by the Commissioner of the New York State Department of Environmental Conservation or the Commissioner's Designee, and filed with the office of the recording officer for the county or counties where the Property is situated in the manner prescribed by Article 9 of the Real Property Law.

9. Extinguishment. This Environmental Easement may be extinguished only by a release by the Commissioner of the New York State Department of Environmental Conservation, or the Commissioner's Designee, and filed with the office of the recording officer for the county or counties where the Property is situated in the manner prescribed by Article 9 of the Real Property Law.

10. Joint Obligation. If there are two or more parties identified as Grantor herein, the obligations imposed by this instrument upon them shall be joint and several.

**IN WITNESS WHEREOF,** Grantor has caused this instrument to be signed in its name.

Grantor: Tecumseh Redevelopment Inc.

By: Keith A. Nagel

Print Name: Keith A. Nagel

Title: VP - Envir. Affairs & Real Estate Date: May 29, 2014

**Grantor's Acknowledgment**

STATE OF ~~NEW YORK~~ Ohio )
) ss:
COUNTY OF Summit )

On the 29th day of May, in the year 2014, before me, the undersigned, personally appeared Keith Nagel, personally known to me or proved to me on the basis of satisfactory evidence to be the individual(s) whose name is (are) subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their capacity(ies), and that by his/her/their signature(s) on the instrument, the individual(s), or the person upon behalf of which the individual(s) acted, executed the instrument.

Susan E. Dick
Notary Public - State of ~~New York~~ Ohio

Commission expires:
Nov. 6, 2017
Susan E. Dick

NOTARIAL SEAL
STATE OF OHIO

**THIS ENVIRONMENTAL EASEMENT IS HEREBY ACCEPTED BY THE PEOPLE OF THE STATE OF NEW YORK**, Acting By and Through the Department of Environmental Conservation as Designee of the Commissioner,

By: _____
Robert W. Schick, Director
Division of Environmental Remediation

**Grantee's Acknowledgment**

STATE OF NEW YORK )
) ss:
COUNTY OF ALBANY )

On the 26th day of June, in the year 2014 before me, the undersigned, personally appeared Robert W. Schick, personally known to me or proved to me on the basis of satisfactory evidence to be the individual(s) whose name is (are) subscribed to the within instrument and acknowledged to me that he/she/ executed the same in his/her/ capacity as Designee of the Commissioner of the State of New York Department of Environmental Conservation, and that by his/her/ signature on the instrument, the individual, or the person upon behalf of which the individual acted, executed the instrument.

_____
Notary Public - State of New York

**David J. Chiusano**
**Notary Public, State of New York**
**No. 01CH5032146**
**Qualified in Schenectady County**
**Commission Expires August 22, 2016**

## SCHEDULE "A" PROPERTY DESCRIPTION

**Parcel "A"**

**ALL THAT TRACT OR PARCEL OF LAND** situate in the City of Lackawanna, County of Erie and State of New York, being part of Lots 15, 16 and 17 of the Ogden Gore Tract and part of Lot 23, Township 10, Range 8 of the Buffalo Creek Reservation and more particularly bounded and described as follows:

**COMMENCING** at the intersection of the westerly highway boundary of the Hamburg Turnpike (also known as State Route No. 5) as appropriated by the People of the State of New York as shown on Map No. 1, Parcel 1 and recorded in the Erie County Clerk's Office in Liber 5650 of Deeds at page 404 and the municipal boundary line between the City of Lackawanna (to the north) and the Town of Hamburg (to the south). Said point also being in the northerly line of lands conveyed to the South Buffalo Railway Company by deed recorded in the Erie County Clerk's Office in Liber 10119 of Deeds at page 131; thence westerly along the municipal boundary line and the northerly line of said South Buffalo Railway Company's land a distance of 507.02 feet to a point; thence northwesterly continuing along said South Buffalo Rail Company's land, a distance of 386.48 feet to the principal point of beginning; running thence northwesterly and continuing along said South Buffalo Railway Company's land, a distance of 1834.83 feet to a point to an angle point therein; thence southwesterly and continuing along said South Buffalo Railway Company's land, a distance of 100.14 feet to the approximate center line of an improved access road; thence northwesterly along the approximate center line of said road N 24° 58' 39" W, a distance of 310.20 feet to the point of curvature of a non-tangent curve, concave to the east, having a radius of 512.16 feet, a central angle of 50° 17' 25" and a chord of 435.25 feet bearing N 00° 30' 26" W; thence northwesterly along said curve, curving to the right, a distance of 449.54 feet to a point of tangency; thence northeasterly continuing along said road N 25° 18' 46" E a distance of 288.35 feet to the point of curvature of a non-tangent curve, concave to the west, having a radius of 706.88 feet, a central angle of 41° 48' 30" and a chord of 504.43 feet bearing N 08° 08' 26" E; thence northeasterly along said curve, curving to the left, a distance of 515.80 feet to a point of tangency; thence northwesterly continuing along said road N 18° 37' 00" W, a distance of 107.01 feet to a point approximately 25 feet south from the existing southerly top of high bank of Smokes Creek; thence easterly and southerly continuing, approximately 25 feet south from the existing southerly top of high bank of Smokes Creek the following 6 courses and distances: N 82° 08' 06" E, a distance of 87.56 feet; S 46° 24' 39" E, a distance of 578.56 feet; S 44° 24' 55" E, a distance of 252.36 feet; S 41° 49' 05" E, a distance of 663.40 feet; S 64° 08' 06" E, a distance of 154.89 feet; N 80° 39' 39" E, a distance of 228.31 feet to the point of curvature of a tangent curve, concave to the west, having a radius of 518.00 feet; thence southwesterly along said curve, curving to the right, a distance of 168.84 feet to a point of tangency; thence S 03° 25' 27" E a distance of 1284.41 feet to the principal point of beginning, containing 51.40 acres of land, more or less.

**Parcel "B"**

**ALL THAT TRACT OR PARCEL OF LAND** situate in the City of Lackawanna, County of Erie and State of New York being part of Lots Nos. 18, 19 and 20 of the Ogden Gore Tract and part of Lot No. 24, Township 10, Range 8 of the Buffalo Creek Reservation, bounded and described as follows:

**BEGINNING** at the southwest corner of lands conveyed to Gateway Trade Center Inc. by deed recorded in the Erie County Clerk's Office in Liber 10886 of Deeds at page 1064; running thence northerly along the southerly line of said lands so conveyed to Gateway Trade Center, Inc. by deed aforesaid, a distance of 930.64 feet to a point therein; thence S 18° 20' 36" E, a distance of 966.47 feet to a point in the northeast corner of lands conveyed to Welded Tube USA, LLC by deed recorded in the Erie County Clerk's Office in Liber 11232 at pages 2531 and 2695; running thence S 71° 41' 32" W, a distance of 180.00 feet to a point, thence N 48° 01' 09" W, a distance of 180.00 feet to a point, thence N 18° 20' 36" W, a distance of 250.00 feet to a point, thence S 71° 41' 32" W, a distance of 1024.00 feet to a point in the approximate centerline of railroad tracks:, Thence along the approximate centerline of said railroad tracks the following 7 courses and distances:

S 12° 54' 26" E, a distance of 95.00 feet;

S 18° 20' 36" E, a distance of 155.42 feet;

S 18° 20' 36" E, a distance of 550.00 feet;

S 20° 21' 28" E, a distance of 138.87 feet;

S 22° 56' 38" E, a distance of 120.00 feet;

S 26° 40' 17" E, a distance of 130.00 feet;

S 27° 51' 58" E, a distance of 325.00 feet to a point;

Thence N 82° 08' 06" E, a distance of 124.50 feet to a point;

Thence S 48° 09' 58" E, a distance of 113.54 feet to a point;

Thence N 71° 39' 24" E, a distance of 1036.13 feet to the southeast corner of said lands conveyed to Welded Tube USA, LLC.;

Thence S 18° 20' 36" E, a distance of 1327.70 feet to a point, approximately 25 feet north from the existing northerly top of the high bank of Smokes Creek; thence westerly and northerly approximately 25 feet north from the existing northerly top of the high bank of said Smokes Creek, the following 8 courses and distances:

S 48° 54' 49" W, a distance of 140.81 feet;

S 32° 40' 10" W, a distance of 122.80 feet;

S 78° 47' 59" W, a distance of 128.86 feet;

N 49° 35' 08" W, a distance of 112.15 feet;

N 39° 56' 33" W, a distance of 635.45 feet;

N 44° 32' 31" W, a distance of 243.09 feet;

[10/12]

N 48° 25' 21" W, a distance of 710.19 feet;

S 82° 08' 06" W, a distance of 169.65 feet to the approximate center line of an improved access road; thence northerly along the approximate center line of said improved access road, the following 11 courses and distances:

N 18° 37' 00" W, a distance of 43.20 feet;

N 29° 52' 05" W, a distance of 465.91 feet;

N 18° 10' 50" W, a distance of 270.79 feet;

N 24° 11' 01" W, a distance of 362.77 feet;

N 26° 06' 35" W, a distance of 243.92 feet;

N 28° 29' 29" W, a distance of 228.39 feet;

N 23° 10' 20" W, a distance of 205.04 feet;

N 18° 20' 44" W, a distance of 542.77 feet;

N 10° 35' 36" W, a distance of 279.16 feet;

N 79° 52' 42" E, a distance of 202.46 feet;

N 68° 32' 54" E, a distance of 326.23 feet to a point in the westerly line of lands so conveyed to Gateway Trade Center, Inc. by deed aforesaid; thence southerly along the westerly line of said lands so conveyed to Gateway Trade Center, Inc. by deed aforesaid, a distance of 528.60 feet to the southwest corner thereof and the principal point of beginning, containing 53.78 acres of land, more or less.

**SCHEDULE "B" DESCRIPTION FOR THE EXCEPTION OF THE AREA OF SUSPECTED SUBSURFACE ACM**

COMMENCING AT THE SOUTHWEST CORNER OF THE ENVIRONMENTAL EASEMENT BUSINESS PARK PHASE III, PARCEL "A";

THENCE N 43°-41"-08" E, A DISTANCE OF 240.76 FEET TO THE POINT OF BEGINNING;

THENCE N 18°-42'-32" W, A DISTANCE OF 81.55 FEET TO A POINT;

THENCE N 71°-17'-28" E, A DISTANCE OF 673.28 FEET TO A POINT;

THENCE S 18°-42'-32" E, A DISTANCE OF 81.55 FEET TO A POINT;

THENCE S 71°-17'-28" W, A DISTANCE OF 673.28 FEET TO THE POINT OF BEGINNING.

CONTAINING 1.26 ACRES OF LAND, MORE OR LESS.

## AFFIDAVIT OF SERVICE BY MAIL

STATE OF NEW YORK )
COUNTY OF ERIE ) ss:

Michael L. Nisengard, being duly sworn, deposes and says: I am an attorney at the law firm of Harter Secrest & Emery LLP, Twelve Fountain Plaza, Suite 400, Buffalo, NY 14202. On the 18th day of July, 2014, I mailed by certified mail with return receipt requested, a copy of the attached Notice to the City of Lackawanna and County of Erie, such Notice enclosing a copy of the Environmental Easement, all as attached hereto as Exhibit "A" by depositing same enclosed in a postpaid properly addressed wrapper via Certified Mail, Return-Receipt Requested in a post office under the exclusive care and custody of the United States Postal Service within the State of New York. Attached hereto as Exhibit "B" are copies of the certified mail receipts.

Michael L. Nisengard

Sworn to before me on this
17th day of August 2014.

Notary Public

LISA K. SCHWEICKERT
Notary Public, State of New York
Qualified in Wyoming County
Commission Expires June 7, 20[illegible]

# EXHIBIT A

Harter Secrest & Emery LLP
ATTORNEYS AND COUNSELORS
WWW.HSELAW.COM

July 17, 2014

City of Lackawanna
714 Ridge Road
Lackawanna New York, 14218

County Executive, County of Erie
Edward A. Rath County Office Building
95 Franklin Street, 16th Floor
Buffalo, New York 14202

Re: Environmental Easement

Dear Sir or Madam:

Attached please find a copy of an environmental easement granted to the New York State Department of Environmental Conservation ("DEC") by Tecumseh Redevelopment Inc. for a portion of the property located at 2303 Hamburg Turnpike, Hamburg, NY, and including DEC Site Nos: C915199, C915199B, C915199C, C915199D, C915199E, C915199F, C915199I, and C915199J (collectively, the "Sites"). This environmental easement has been filed in the Erie County Clerk's Office on July 15, 2014 in Liber 11266 of Deeds at page 5467.

The Sites are being remediated under the oversight of the New York State Department of Environmental Conservation (the "DEC") under the Brownfield Cleanup Program. The Sites were historically used for industrial operations. Remaining environmental contamination remediation at the Sites will be managed under a DEC-approved Site Management Plan, which requires, among other items described below, the recording of an Environmental Easement restricting future use of the Sites.

This Environmental Easement restricts future use of the above-referenced property to restricted commercial or industrial uses. It also requires compliance with a Site Management Plan, a copy of which is on file with the DEC. The Site Management Plan, which is incorporated into the Environmental Easement, requires maintenance of engineered controls to isolate remaining contaminated soils, monitoring and maintenance of on-site wells, and notices to DEC in advance of certain listed activities. Any approved activity must be done in accordance with the Site Management Plan. DEC approval is also required prior to any groundwater use.

Article 71, Section 71-3607 of the New York State Environmental Conservation Law requires that:

1. Whenever the department is granted an environmental easement, it shall provide each affected local government with a copy of such easement and shall also provide a copy of any documents modifying or terminating such environmental easement.


TWELVE FOUNTAIN PLAZA, SUITE 400 BUFFALO, NY 14202-2293 PHONE: 716.853.1616 FAX: 716.853.1617
ROCHESTER, NY • BUFFALO, NY • ALBANY, NY • CORNING, NY

2. Whenever an affected local government receives an application for a building permit or any other application affecting land use or development of land that is subject to an environmental easement and that may relate to or impact such easement, the affected local government shall notify the department and refer such application to the department. The department shall evaluate whether the application is consistent with the environmental easement and shall notify the affected local government of its determination in a timely fashion, considering the time frame for the local government's review of the application. The affected local government shall not approve the application until it receives approval from the department.

An electronic version of every environmental easement that has been accepted by this DEC is available to the public at: http://www.dec.ny.gov/cfmx/extapps/derfoil/index.cfm?pageid. If you have any questions or comments regarding this matter, please do not hesitate to contact me.

Very truly yours,
Harter Secrest & Emery LLP

Michael L. Nisengard
Associate
DIRECT DIAL: (716) 844-3715
E-MAIL: MNISENGARD@HSELAW.COM

MLN:dmm

County: Erie Site Nos: C915199, C915199B, C915199C, C915199D, C915199E, C915199F, C915199I, and C915199J
Brownfield Cleanup Agreement Number: B9-0696-05-06(C)

FILED
JUL 15 2014
ERIE COUNTY CLERK'S OFFICE

**ENVIRONMENTAL EASEMENT GRANTED PURSUANT TO ARTICLE 71, TITLE 36 OF THE NEW YORK STATE ENVIRONMENTAL CONSERVATION LAW**

**THIS INDENTURE** made this 26th day of June, 2014 between Owner(s) Tecumseh Redevelopment Inc., having an office at 4020 Kinross Lakes Parkway, County of Summit, State of Ohio (the "Grantor"), and The People of the State of New York (the "Grantee."), acting through their Commissioner of the Department of Environmental Conservation (the "Commissioner", or "NYSDEC" or "Department" as the context requires) with its headquarters located at 625 Broadway, Albany, New York 12233,

**WHEREAS,** the Legislature of the State of New York has declared that it is in the public interest to encourage the remediation of abandoned and likely contaminated properties ("sites") that threaten the health and vitality of the communities they burden while at the same time ensuring the protection of public health and the environment; and

**WHEREAS,** the Legislature of the State of New York has declared that it is in the public interest to establish within the Department a statutory environmental remediation program that includes the use of Environmental Easements as an enforceable means of ensuring the performance of operation, maintenance, and/or monitoring requirements and the restriction of future uses of the land, when an environmental remediation project leaves residual contamination at levels that have been determined to be safe for a specific use, but not all uses, or which includes engineered structures that must be maintained or protected against damage to perform properly and be effective, or which requires groundwater use or soil management restrictions; and

**WHEREAS,** the Legislature of the State of New York has declared that Environmental Easement shall mean an interest in real property, created under and subject to the provisions of Article 71, Title 36 of the New York State Environmental Conservation Law ("ECL") which contains a use restriction and/or a prohibition on the use of land in a manner inconsistent with engineering controls which are intended to ensure the long term effectiveness of a site remedial program or eliminate potential exposure pathways to hazardous waste or petroleum; and

**WHEREAS,** Grantor, is the owner of real property located at the address of 2303 Hamburg Turnpike in the City of Lackawanna, County of Erie and State of New York, known and designated on the tax map of the County Clerk of Erie as tax map parcel numbers: Section 141.11 Block 1 Lot 50, being a portion of that certain plot, piece or parcel of land conveyed to Grantor by deed dated May 6, 2003 and recorded in the Erie County Clerk's Office in Liber 11040 and Page 8953. The property subject to this Environmental Easement (the "Controlled Property") comprises approximately 105.18 +/- acres, and is hereinafter more fully described in the Land Title Survey, which includes parcels recognized under Brownfield Cleanup Agreement Amendments dated August 22, 2012 ("Sites"), dated September 14, 2012, field survey completed June 12, 2012 and prepared by Wendel, which will be attached to the Site Management Plan. The Controlled Property description is set forth in and attached hereto as Schedule A; and

**WHEREAS,** the Department accepts this Environmental Easement in order to ensure the protection of public health and the environment and to achieve the requirements for remediation established for the Controlled Property until such time as this Environmental Easement is extinguished pursuant to ECL Article 71, Title 36; and

**NOW THEREFORE**, in consideration of the mutual covenants contained herein and the terms and conditions of Brownfield Cleanup Agreement Index Number: B9-0696-05-06(C), Grantor conveys to Grantee a permanent Environmental Easement pursuant to ECL Article 71, Title 36 in, on, over, under, and upon the Controlled Property as more fully described herein ("Environmental Easement").

1. Purposes. Grantor and Grantee acknowledge that the Purposes of this Environmental Easement are: to convey to Grantee real property rights and interests that will run with the land in perpetuity in order to provide an effective and enforceable means of encouraging the reuse and redevelopment of this Controlled Property at a level that has been determined to be safe for a specific use while ensuring the performance of operation, maintenance, and/or monitoring requirements; and to ensure the restriction of future uses of the land that are inconsistent with the above-stated purpose.

2. Institutional and Engineering Controls. The controls and requirements listed in the Department approved Site Management Plan ("SMP") including any and all Department approved amendments to the SMP are incorporated into and made part of this Environmental Easement. These controls and requirements apply to the use of the Controlled Property, run with the land, are binding on the Grantor and the Grantor's successors and assigns, and are enforceable in law or equity against any owner of the Controlled Property, any lessees and any person using the Controlled Property.

A. (1) The Controlled Property may be used for:

**Commercial as described in 6 NYCRR Part 375-1.8(g)(2)(iii) and Industrial as described in 6 NYCRR Part 375-1.8(g)(2)(iv)**

**In addition, that part of the Controlled Property located on that certain portion of BCP Site No. C915199C, as such portion is set forth in and attached hereto as Schedule B, shall not be developed with any enclosed structure or building that could provide temporary or permanent human occupancy.**

(2) All Engineering Controls must be operated and maintained as specified in the Site Management Plan (SMP);

(3) All Engineering Controls must be inspected at a frequency and in a manner defined in the SMP;

(4) The use of groundwater underlying the property is prohibited without necessary water quality treatment as determined by the NYSDOH or the Erie County Department of Health to render it safe for use as drinking water or for industrial purposes, and the user must first notify and obtain written approval to do so from the Department;

(5) Groundwater and other environmental or public health monitoring must be performed as defined in the SMP;

(6) Data and information pertinent to Site Management of the Controlled Property must be reported at the frequency and in a manner defined in the SMP;

(7) All future activities on the property that will disturb remaining contaminated material must be conducted in accordance with the SMP;

(8) Monitoring to assess the performance and effectiveness of the remedy must be performed as defined in the SMP;

(9) Operation, maintenance, monitoring, inspection, and reporting of any mechanical or physical components of the remedy shall be performed as defined in the SMP;

(10) Access to the site must be provided to agents, employees or other representatives of the State of New York with reasonable prior notice to the property owner to assure compliance with the restrictions identified by this Environmental Easement.

B. The Controlled Property shall not be used for Residential or Restricted Residential purposes as defined in 6NYCRR 375-1.8(g)(2)(i) and (ii), and the above-stated engineering controls may not be discontinued without an amendment or extinguishment of this Environmental Easement.

C. The SMP describes obligations that the Grantor assumes on behalf of Grantor, its successors and assigns. The Grantor's assumption of the obligations contained in the SMP which may include sampling, monitoring, and/or operating a treatment system, and providing certified reports to the NYSDEC, is and remains a fundamental element of the Department's determination that the Controlled Property is safe for a specific use, but not all uses. The SMP may be modified in accordance with the Department's statutory and regulatory authority. The Grantor and all successors and assigns, assume the burden of complying with the SMP and obtaining an up-to-date version of the SMP from:

Site Control Section
Division of Environmental Remediation
NYSDEC
625 Broadway
Albany, New York 12233
Phone: (518) 402-9553

D. Grantor must provide all persons who acquire any interest in the Controlled Property a true and complete copy of the SMP that the Department approves for the Controlled Property and all Department-approved amendments to that SMP.

E. Grantor covenants and agrees that until such time as the Environmental Easement is extinguished in accordance with the requirements of ECL Article 71, Title 36 of the ECL, the property deed and all subsequent instruments of conveyance relating to the Controlled Property shall state in at least fifteen-point bold-faced type:

**This property is subject to an Environmental Easement held by the New York State Department of Environmental Conservation pursuant to Title 36 of Article 71 of the**

## Environmental Conservation Law.

F. Grantor covenants and agrees that this Environmental Easement shall be incorporated in full or by reference in any leases, licenses, or other instruments granting a right to use the Controlled Property.

G. Grantor covenants and agrees that it shall, at such time as NYSDEC may require, submit to NYSDEC a written statement by an expert the NYSDEC may find acceptable certifying under penalty of perjury, in such form and manner as the Department may require, that:

(1) the inspection of the site to confirm the effectiveness of the institutional and engineering controls required by the remedial program was performed under the direction of the individual set forth at 6 NYCRR Part 375-1.8(h)(3).

(2) the institutional controls and/or engineering controls employed at such site:

(i) are in-place;

(ii) are unchanged from the previous certification, or that any identified changes to the controls employed were approved by the NYSDEC and that all controls are in the Department-approved format; and

(iii) that nothing has occurred that would impair the ability of such control to protect the public health and environment;

(3) the owner will continue to allow access to such real property to evaluate the continued maintenance of such controls;

(4) nothing has occurred that would constitute a violation or failure to comply with any site management plan for such controls;

(5 the report and all attachments were prepared under the direction of, and reviewed by, the party making the certification;

(6) to the best of his/her knowledge and belief, the work and conclusions described in this certification are in accordance with the requirements of the site remedial program, and generally accepted engineering practices; and

(7) the information presented is accurate and complete.

3. Right to Enter and Inspect. Grantee, its agents, employees, or other representatives of the State may enter and inspect the Controlled Property in a reasonable manner and at reasonable times to assure compliance with the above-stated restrictions.

4. Reserved Grantor's Rights. Grantor reserves for itself, its assigns, representatives, and successors in interest with respect to the Property, all rights as fee owner of the Property, including:

A. Use of the Controlled Property for all purposes not inconsistent with, or limited by the terms of this Environmental Easement;

B. The right to give, sell, assign, or otherwise transfer part or all of the underlying fee interest to the Controlled Property, subject and subordinate to this Environmental Easement;

5. Enforcement

A. This Environmental Easement is enforceable in law or equity in perpetuity by Grantor, Grantee, or any affected local government, as defined in ECL Section 71-3603, against

the owner of the Property, any lessees, and any person using the land. Enforcement shall not be defeated because of any subsequent adverse possession, laches, estoppel, or waiver. It is not a defense in any action to enforce this Environmental Easement that: it is not appurtenant to an interest in real property; it is not of a character that has been recognized traditionally at common law; it imposes a negative burden; it imposes affirmative obligations upon the owner of any interest in the burdened property; the benefit does not touch or concern real property; there is no privity of estate or of contract; or it imposes an unreasonable restraint on alienation.

B. If any person violates this Environmental Easement, the Grantee may revoke the Certificate of Completion with respect to the Site within the Controlled Property on or about which the violation pertains.

C. Grantee shall notify Grantor of a breach or suspected breach of any of the terms of this Environmental Easement. Such notice shall set forth how Grantor can cure such breach or suspected breach and give Grantor a reasonable amount of time from the date of receipt of notice in which to cure. At the expiration of such period of time to cure, or any extensions granted by Grantee, the Grantee shall notify Grantor of any failure to adequately cure the breach or suspected breach, and Grantee may take any other appropriate action reasonably necessary to remedy any breach of this Environmental Easement, including the commencement of any proceedings in accordance with applicable law.

D. The failure of Grantee to enforce any of the terms contained herein shall not be deemed a waiver of any such term nor bar any enforcement rights.

6. Notice. Whenever notice to the Grantee (other than the annual certification) or approval from the Grantee is required, the Party providing such notice or seeking such approval shall identify the Controlled Property by referencing the following information:

County, NYSDEC Site Number, NYSDEC Brownfield Cleanup Agreement, State Assistance Contract or Order Number, and the County tax map number or the Liber and Page or computerized system identification number.

Parties shall address correspondence to: Site Numbers: C915199, C915199B, C915199C, C915199D, C915199E, C915199F, C915199I, and C915199J

Office of General Counsel
NYSDEC
625 Broadway
Albany New York 12233-5500

With a copy to:

Site Control Section
Division of Environmental Remediation
NYSDEC
625 Broadway
Albany, NY 12233

All notices and correspondence shall be delivered by hand, by registered mail or by Certified mail and return receipt requested. The Parties may provide for other means of receiving and communicating notices and responses to requests for approval.

[10/12]

7. Recordation. Grantor shall record this instrument, within thirty (30) days of execution of this instrument by the Commissioner or her/his authorized representative in the office of the recording officer for the county or counties where the Property is situated in the manner prescribed by Article 9 of the Real Property Law.

8. Amendment. Any amendment to this Environmental Easement may only be executed by the Commissioner of the New York State Department of Environmental Conservation or the Commissioner's Designee, and filed with the office of the recording officer for the county or counties where the Property is situated in the manner prescribed by Article 9 of the Real Property Law.

9. Extinguishment. This Environmental Easement may be extinguished only by a release by the Commissioner of the New York State Department of Environmental Conservation, or the Commissioner's Designee, and filed with the office of the recording officer for the county or counties where the Property is situated in the manner prescribed by Article 9 of the Real Property Law.

10. Joint Obligation. If there are two or more parties identified as Grantor herein, the obligations imposed by this instrument upon them shall be joint and several.

**IN WITNESS WHEREOF,** Grantor has caused this instrument to be signed in its name.

Grantor: Tecumseh Redevelopment Inc.

By: Keith A. Nagel

Print Name: Keith A. Nagel

Title: VP - Envir. Affairs & Real Estate Date: May 21, 2014

**Grantor's Acknowledgment**

STATE OF ~~NEW YORK~~ Ohio )
) ss:
COUNTY OF Summit )

On the 29th day of May, in the year 2014, before me, the undersigned, personally appeared Keith Nigel, personally known to me or proved to me on the basis of satisfactory evidence to be the individual(s) whose name is (are) subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their capacity(ies), and that by his/her/their signature(s) on the instrument, the individual(s), or the person upon behalf of which the individual(s) acted, executed the instrument.

Susan E. Dick
Notary Public - State of ~~New York~~ Ohio

Commission expires:
Nov. 6, 2017

NOTARIAL SEAL
STATE OF OHIO

[10/12]

**THIS ENVIRONMENTAL EASEMENT IS HEREBY ACCEPTED BY THE PEOPLE OF THE STATE OF NEW YORK,** Acting By and Through the Department of Environmental Conservation as Designee of the Commissioner,

By: _____
Robert W. Schick, Director
Division of Environmental Remediation

**Grantee's Acknowledgment**

STATE OF NEW YORK )
) ss:
COUNTY OF ALBANY )

On the 26th day of June, in the year 2014 before me, the undersigned, personally appeared Robert W. Schick, personally known to me or proved to me on the basis of satisfactory evidence to be the individual(s) whose name is (are) subscribed to the within instrument and acknowledged to me that he/she/ executed the same in his/her/ capacity as Designee of the Commissioner of the State of New York Department of Environmental Conservation, and that by his/her/ signature on the instrument, the individual, or the person upon behalf of which the individual acted, executed the instrument.

_____
Notary Public - State of New York

**David J. Chiusano**
**Notary Public, State of New York**
**No. 01CH5032146**
**Qualified in Schenectady County**
**Commission Expires August 22, 2018**

## SCHEDULE "A" PROPERTY DESCRIPTION

**Parcel "A"**

**ALL THAT TRACT OR PARCEL OF LAND** situate in the City of Lackawanna, County of Erie and State of New York, being part of Lots 15, 16 and 17 of the Ogden Gore Tract and part of Lot 23, Township 10, Range 8 of the Buffalo Creek Reservation and more particularly bounded and described as follows:

**COMMENCING** at the intersection of the westerly highway boundary of the Hamburg Turnpike (also known as State Route No. 5) as appropriated by the People of the State of New York as shown on Map No. 1, Parcel 1 and recorded in the Erie County Clerk's Office in Liber 5650 of Deeds at page 404 and the municipal boundary line between the City of Lackawanna (to the north) and the Town of Hamburg (to the south). Said point also being in the northerly line of lands conveyed to the South Buffalo Railway Company by deed recorded in the Erie County Clerk's Office in Liber 10119 of Deeds at page 131; thence westerly along the municipal boundary line and the northerly line of said South Buffalo Railway Company's land a distance of 507.02 feet to a point; thence northwesterly continuing along said South Buffalo Rail Company's land, a distance of 386.48 feet to the principal point of beginning; running thence northwesterly and continuing along said South Buffalo Railway Company's land, a distance of 1834.83 feet to a point to an angle point therein; thence southwesterly and continuing along said South Buffalo Railway Company's land, a distance of 100.14 feet to the approximate center line of an improved access road; thence northwesterly along the approximate center line of said road N 24° 58' 39" W, a distance of 310.20 feet to the point of curvature of a non-tangent curve, concave to the east, having a radius of 512.16 feet, a central angle of 50° 17' 25" and a chord of 435.25 feet bearing N 00° 30' 26" W; thence northwesterly along said curve, curving to the right, a distance of 449.54 feet to a point of tangency; thence northeasterly continuing along said road N 25° 18' 46" E a distance of 288.35 feet to the point of curvature of a non-tangent curve, concave to the west, having a radius of 706.88 feet, a central angle of 41° 48' 30" and a chord of 504.43 feet bearing N 08° 08' 26" E; thence northeasterly along said curve, curving to the left, a distance of 515.80 feet to a point of tangency; thence northwesterly continuing along said road N 18° 37' 00" W, a distance of 107.01 feet to a point approximately 25 feet south from the existing southerly top of high bank of Smokes Creek; thence easterly and southerly continuing, approximately 25 feet south from the existing southerly top of high bank of Smokes Creek the following 6 courses and distances: N 82° 08' 06" E, a distance of 87.56 feet; S 46° 24' 39" E, a distance of 578.56 feet; S 44° 24' 55" E, a distance of 252.36 feet; S 41° 49' 05" E, a distance of 663.40 feet; S 64° 08' 06" E, a distance of 154.89 feet; N 80° 39' 39" E, a distance of 228.31 feet to the point of curvature of a tangent curve, concave to the west, having a radius of 518.00 feet; thence southwesterly along said curve, curving to the right, a distance of 168.84 feet to a point of tangency; thence S 03° 25' 27" E a distance of 1284.41 feet to the principal point of beginning, containing 51.40 acres of land, more or less.

**Parcel "B"**

**ALL THAT TRACT OR PARCEL OF LAND** situate in the City of Lackawanna, County of Erie and State of New York being part of Lots Nos. 18, 19 and 20 of the Ogden Gore Tract and part of Lot No. 24, Township 10, Range 8 of the Buffalo Creek Reservation, bounded and described as follows:

**BEGINNING** at the southwest corner of lands conveyed to Gateway Trade Center Inc. by deed recorded in the Erie County Clerk's Office in Liber 10886 of Deeds at page 1064; running thence northerly along the southerly line of said lands so conveyed to Gateway Trade Center, Inc. by deed aforesaid, a distance of 930.64 feet to a point therein; thence S 18° 20' 36" E, a distance of 966.47 feet to a point in the northeast corner of lands conveyed to Welded Tube USA, LLC by deed recorded in the Erie County Clerk's Office in Liber 11232 at pages 2531 and 2695; running thence S 71° 41' 32" W, a distance of 180.00 feet to a point, thence N 48° 01' 09" W, a distance of 180.00 feet to a point, thence N 18° 20' 36" W, a distance of 250.00 feet to a point, thence S 71° 41' 32" W, a distance of 1024.00 feet to a point in the approximate centerline of railroad tracks:, Thence along the approximate centerline of said railroad tracks the following 7 courses and distances:

S 12° 54' 26" E, a distance of 95.00 feet;

S 18° 20' 36" E, a distance of 155.42 feet;

S 18° 20' 36" E, a distance of 550.00 feet;

S 20° 21' 28" E, a distance of 138.87 feet;

S 22° 56' 38" E, a distance of 120.00 feet;

S 26° 40' 17" E, a distance of 130.00 feet;

S 27° 51' 58" E, a distance of 325.00 feet to a point;

Thence N 82° 08' 06" E, a distance of 124.50 feet to a point;

Thence S 48° 09' 58" E, a distance of 113.54 feet to a point;

Thence N 71° 39' 24" E, a distance of 1036.13 feet to the southeast corner of said lands conveyed to Welded Tube USA, LLC.;

Thence S 18° 20' 36" E, a distance of 1327.70 feet to a point, approximately 25 feet north from the existing northerly top of the high bank of Smokes Creek; thence westerly and northerly approximately 25 feet north from the existing northerly top of the high bank of said Smokes Creek, the following 8 courses and distances:

S 48° 54' 49" W, a distance of 140.81 feet;

S 32° 40' 10" W, a distance of 122.80 feet;

S 78° 47' 59" W, a distance of 128.86 feet;

N 49° 35' 08" W, a distance of 112.15 feet;

N 39° 56' 33" W, a distance of 635.45 feet;

N 44° 32' 31" W, a distance of 243.09 feet;

N 48° 25' 21" W, a distance of 710.19 feet;

S 82° 08' 06" W, a distance of 169.65 feet to the approximate center line of an improved access road; thence northerly along the approximate center line of said improved access road, the following 11 courses and distances:

N 18° 37' 00" W, a distance of 43.20 feet;

N 29° 52' 05" W, a distance of 465.91 feet;

N 18° 10' 50" W, a distance of 270.79 feet;

N 24° 11' 01" W, a distance of 362.77 feet;

N 26° 06' 35" W, a distance of 243.92 feet;

N 28° 29' 29" W, a distance of 228.39 feet;

N 23° 10' 20" W, a distance of 205.04 feet;

N 18° 20' 44" W, a distance of 542.77 feet;

N 10° 35' 36" W, a distance of 279.16 feet;

N 79° 52' 42" E, a distance of 202.46 feet;

N 68° 32' 54" E, a distance of 326.23 feet to a point in the westerly line of lands so conveyed to Gateway Trade Center, Inc. by deed aforesaid; thence southerly along the westerly line of said lands so conveyed to Gateway Trade Center, Inc. by deed aforesaid, a distance of 528.60 feet to the southwest corner thereof and the principal point of beginning, containing 53.78 acres of land, more or less.

## SCHEDULE "B" DESCRIPTION FOR THE EXCEPTION OF THE AREA OF SUSPECTED SUBSURFACE ACM

COMMENCING AT THE SOUTHWEST CORNER OF THE ENVIRONMENTAL EASEMENT BUSINESS PARK PHASE III, PARCEL "A";

THENCE N 43°-41"-08" E, A DISTANCE OF 240.76 FEET TO THE POINT OF BEGINNING;

THENCE N 18°-42'-32" W, A DISTANCE OF 81.55 FEET TO A POINT;

THENCE N 71°-17'-28" E, A DISTANCE OF 673.28 FEET TO A POINT;

THENCE S 18°-42'-32" E, A DISTANCE OF 81.55 FEET TO A POINT;

THENCE S 71°-17'-28" W, A DISTANCE OF 673.28 FEET TO THE POINT OF BEGINNING.

CONTAINING 1.26 ACRES OF LAND, MORE OR LESS.

TP-584 (4/13)

New York State Department of Taxation and Finance

# Combined Real Estate Transfer Tax Return, Credit Line Mortgage Certificate, and Certification of Exemption from the Payment of Estimated Personal Income Tax

*Recording office time stamp*

*See Form TP-584-I, Instructions for Form TP-584, before completing this form. Print or type.*

## Schedule A – Information relating to conveyance

**Grantor/Transferor**

- ☐ Individual
- ☒ Corporation
- ☐ Partnership
- ☐ Estate/Trust
- ☐ Single member LLC
- ☐ Other

Name *(if individual, last, first, middle initial)* (☐ *check if more than one grantor*): Tecumseh Redevelopment, Inc.

Social security number:

Mailing address: 4020 Kinross Lakes Parkway

Social security number:

City: Richfield | State: OH | ZIP code: 44286

Federal EIN: 01-0649791

Single member's name if grantor is a single member LLC *(see instructions)*:

Single member EIN or SSN:

**Grantee/Transferee**

- ☐ Individual
- ☐ Corporation
- ☐ Partnership
- ☐ Estate/Trust
- ☐ Single member LLC
- ☒ Other

Name *(if individual, last, first, middle initial)* (☐ *check if more than one grantee*): The People of the State of New York, acting through their Commissioner of the Department of Environmental Conservation

Social security number:

Mailing address: 625 Broadway

Social security number:

City: Albany | State: NY | ZIP code: 12233

Federal EIN: 14-6013200

Single member's name if grantee is a single member LLC *(see instructions)*:

Single member EIN or SSN:

**Location and description of property conveyed**

| Tax map designation – Section, block & lot *(include dots and dashes)* | SWIS code (six digits) | Street address | City, town, or village | County |
|---|---|---|---|---|
| 141.11-1-50 | 140900 | 2303 Hamburg Tumpike | Lackawanna | Erie |

**Type of property conveyed** *(check applicable box)*

1 ☐ One- to three-family house
2 ☐ Residential cooperative
3 ☐ Residential condominium
4 ☐ Vacant land
5 ☒ Commercial/Industrial
6 ☐ Apartment building
7 ☐ Office building
8 ☐ Other _____

Date of conveyance: 06 | 26 | 2014 (month | day | year)

Percentage of real property conveyed which is residential real property 0 % *(see instructions)*

**Condition of conveyance** *(check all that apply)*

a. ☐ Conveyance of fee interest
b. ☐ Acquisition of a controlling interest (state percentage acquired _____ %)
c. ☐ Transfer of a controlling interest (state percentage transferred _____ %)
d. ☐ Conveyance to cooperative housing corporation
e. ☐ Conveyance pursuant to or in lieu of foreclosure or enforcement of security interest *(attach Form TP-584.1, Schedule E)*
f. ☐ Conveyance which consists of a mere change of identity or form of ownership or organization *(attach Form TP-584.1, Schedule F)*
g. ☐ Conveyance for which credit for tax previously paid will be claimed *(attach Form TP-584.1, Schedule G)*
h. ☐ Conveyance of cooperative apartment(s)
i. ☐ Syndication
j. ☐ Conveyance of air rights or development rights
k. ☐ Contract assignment
l. ☐ Option assignment or surrender
m. ☐ Leasehold assignment or surrender
n. ☐ Leasehold grant
o. ☐ Conveyance of an easement
p. ☒ Conveyance for which exemption from transfer tax claimed *(complete Schedule B, Part III)*
q. ☐ Conveyance of property partly within and partly outside the state
r. ☐ Conveyance pursuant to divorce or separation
s. ☒ Other *(describe)* Environmental Easement Pursuant to EGL Art. 71 Title 36

| For recording officer's use | Amount received | Date received | Transaction number |
|---|---|---|---|
| | Schedule B., Part I $<br>Schedule B., Part II $ | | |

## Schedule B – Real estate transfer tax return (Tax Law, Article 31)

**Part I** – Computation of tax due

| | | | |
|---|---|---|---|
| 1 | Enter amount of consideration for the conveyance *(if you are claiming a total exemption from tax, check the exemption claimed box, enter consideration and proceed to Part III)* ☒ **Exemption claimed** | 1. | 0 00 |
| 2 | Continuing lien deduction *(see instructions if property is taken subject to mortgage or lien)* | 2. | 0 00 |
| 3 | Taxable consideration *(subtract line 2 from line 1)* | 3. | 0 00 |
| 4 | Tax: $2 for each $500, or fractional part thereof, of consideration on line 3 | 4. | |
| 5 | Amount of credit claimed for tax previously paid *(see instructions and attach Form TP-584.1, Schedule G)* | 5. | |
| 6 | Total tax due* *(subtract line 5 from line 4)* | 6. | 0 00 |

**Part II** – Computation of additional tax due on the conveyance of residential real property for $1 million or more

| | | | |
|---|---|---|---|
| 1 | Enter amount of consideration for conveyance *(from Part I, line 1)* | 1. | 0 00 |
| 2 | Taxable consideration *(multiply line 1 by the percentage of the premises which is residential real property, as shown in Schedule A)* | 2. | |
| 3 | Total additional transfer tax due* *(multiply line 2 by 1% (.01))* | 3. | 0 00 |

**Part III** – Explanation of exemption claimed on Part I, line 1 *(check any boxes that apply)*

The conveyance of real property is exempt from the real estate transfer tax for the following reason:

a. Conveyance is to the United Nations, the United States of America, the state of New York, or any of their instrumentalities, agencies, or political subdivisions (or any public corporation, including a public corporation created pursuant to agreement or compact with another state or Canada) ..... a ☒

b. Conveyance is to secure a debt or other obligation ..... b ☐

c. Conveyance is without additional consideration to confirm, correct, modify, or supplement a prior conveyance ..... c ☐

d. Conveyance of real property is without consideration and not in connection with a sale, including conveyances conveying realty as bona fide gifts ..... d ☒

e. Conveyance is given in connection with a tax sale ..... e ☐

f. Conveyance is a mere change of identity or form of ownership or organization where there is no change in beneficial ownership. (This exemption cannot be claimed for a conveyance to a cooperative housing corporation of real property comprising the cooperative dwelling or dwellings.) Attach Form TP-584.1, Schedule F ..... f ☐

g. Conveyance consists of deed of partition ..... g ☐

h. Conveyance is given pursuant to the federal Bankruptcy Act ..... h ☐

i. Conveyance consists of the execution of a contract to sell real property, without the use or occupancy of such property, or the granting of an option to purchase real property, without the use or occupancy of such property ..... i ☐

j. Conveyance of an option or contract to purchase real property with the use or occupancy of such property where the consideration is less than $200,000 and such property was used solely by the grantor as the grantor's personal residence and consists of a one-, two-, or three-family house, an individual residential condominium unit, or the sale of stock in a cooperative housing corporation in connection with the grant or transfer of a proprietary leasehold covering an individual residential cooperative apartment ..... j ☐

k. Conveyance is not a conveyance within the meaning of Tax Law, Article 31, section 1401(e) *(attach documents supporting such claim)* ..... k ☐

*The total tax (from Part I, line 6 and Part II, line 3 above) is due within 15 days from the date conveyance. Please make check(s) payable to the county clerk where the recording is to take place. If the recording is to take place in the New York City boroughs of Manhattan, Bronx, Brooklyn, or Queens, make check(s) payable to the ***NYC Department of Finance.*** If a recording is not required, send this return and your check(s) made payable to the ***NYS Department of Taxation and Finance,*** directly to the NYS Tax Department, RETT Return Processing, PO Box 5045, Albany NY 12205-5045.

## Schedule C – Credit Line Mortgage Certificate (Tax Law, Article 11)

**Complete the following only if the interest being transferred is a fee simple interest.**
I (we) certify that: *(check the appropriate box)*

1. ☒ The real property being sold or transferred is not subject to an outstanding credit line mortgage.

2. ☐ The real property being sold or transferred is subject to an outstanding credit line mortgage. However, an exemption from the tax is claimed for the following reason:
   - ☐ The transfer of real property is a transfer of a fee simple interest to a person or persons who held a fee simple interest in the real property (whether as a joint tenant, a tenant in common or otherwise) immediately before the transfer.
   - ☐ The transfer of real property is (A) to a person or persons related by blood, marriage or adoption to the original obligor or to one or more of the original obligors or (B) to a person or entity where 50% or more of the beneficial interest in such real property after the transfer is held by the transferor or such related person or persons (as in the case of a transfer to a trustee for the benefit of a minor or the transfer to a trust for the benefit of the transferor).
   - ☐ The transfer of real property is a transfer to a trustee in bankruptcy, a receiver, assignee, or other officer of a court.
   - ☐ The maximum principal amount secured by the credit line mortgage is $3,000,000 or more, and the real property being sold or transferred is **not** principally improved nor will it be improved by a one- to six-family owner-occupied residence or dwelling.

     **Please note:** for purposes of determining whether the maximum principal amount secured is $3,000,000 or more as described above, the amounts secured by two or more credit line mortgages may be aggregated under certain circumstances. See TSB-M-96(6)-R for more information regarding these aggregation requirements.
   - ☐ Other *(attach detailed explanation)*.

3. ☐ The real property being transferred is presently subject to an outstanding credit line mortgage. However, no tax is due for the following reason:
   - ☐ A certificate of discharge of the credit line mortgage is being offered at the time of recording the deed.
   - ☐ A check has been drawn payable for transmission to the credit line mortgagee or his agent for the balance due, and a satisfaction of such mortgage will be recorded as soon as it is available.

4. ☐ The real property being transferred is subject to an outstanding credit line mortgage recorded in _____ (insert liber and page or reel or other identification of the mortgage). The maximum principal amount of debt or obligation secured by the mortgage is _____. No exemption from tax is claimed and the tax of _____ is being paid herewith. *(Make check payable to county clerk where deed will be recorded or, if the recording is to take place in New York City but not in Richmond County, make check payable to the **NYC Department of Finance.**)*

## Signature (both the grantor(s) and grantee(s) must sign)

The undersigned certify that the above information contained in schedules A, B, and C, including any return, certification, schedule, or attachment, is to the best of his/her knowledge, true and complete, and authorize the person(s) submitting such form on their behalf to receive a copy for purposes of recording the deed or other instrument effecting the conveyance.

| Tecumseh Redevelopment, Inc. | | New York State Department of Environmental Conservation | |
|---|---|---|---|
| By: _____ Grantor signature | Title: VP. ENVIR & REAL ESTATE | By: _____ Grantee signature | Title: Assoc. Attorney |
| Grantor signature | Title | Grantee signature | Title |

**Reminder:** Did you complete all of the required information in Schedules A, B, and C? Are you required to complete Schedule D? If you checked *e*, *f*, or *g* in Schedule A, did you complete Form TP-584.1? Have you attached your check(s) made payable to the county clerk where recording will take place or, if the recording is in the New York City boroughs of Manhattan, Bronx, Brooklyn, or Queens, to the ***NYC Department of Finance***? If no recording is required, send your check(s), made payable to the ***Department of Taxation and Finance***, directly to the NYS Tax Department, RETT Return Processing, PO Box 5045, Albany NY 12205-5045.

## Schedule D - Certification of exemption from the payment of estimated personal income tax (Tax Law, Article 22, section 663)

**Complete the following only if a fee simple interest or a cooperative unit is being transferred by an individual or estate or trust.**

**If the property is being conveyed by a referee pursuant to a foreclosure proceeding, proceed to Part II, and check the second box under *Exemptions for nonresident transferor(s)/seller(s)* and sign at bottom.**

**Part I** - New York State residents

If you are a New York State resident transferor(s)/seller(s) listed in Schedule A of Form TP-584 (or an attachment to Form TP-584), you must sign the certification below. If one or more transferors/sellers of the real property or cooperative unit is a resident of New York State, **each** resident transferor/seller must sign in the space provided. If more space is needed, please photocopy this Schedule D and submit as many schedules as necessary to accommodate all resident transferors/sellers.

### Certification of resident transferor(s)/seller(s)

This is to certify that at the time of the sale or transfer of the real property or cooperative unit, the transferor(s)/seller(s) as signed below was a resident of New York State, and therefore is not required to pay estimated personal income tax under Tax Law, section 663(a) upon the sale or transfer of this real property or cooperative unit.

| Signature | Print full name | Date |
|---|---|---|
| Signature | Print full name | Date |
| Signature | Print full name | Date |
| Signature | Print full name | Date |

**Note:** A resident of New York State may still be required to pay estimated tax under Tax Law, section 685(c), but not as a condition of recording a deed.

**Part II** - Nonresidents of New York State

If you are a nonresident of New York State listed as a transferor/seller in Schedule A of Form TP-584 (or an attachment to Form TP-584) but are not required to pay estimated personal income tax because one of the exemptions below applies under Tax Law, section 663(c), check the box of the appropriate exemption below. If any one of the exemptions below applies to the transferor(s)/seller(s), that transferor(s)/seller(s) is not required to pay estimated personal income tax to New York State under Tax Law, section 663. **Each** nonresident transferor/seller who qualifies under one of the exemptions below must sign in the space provided. If more space is needed, please photocopy this Schedule D and submit as many schedules as necessary to accommodate all nonresident transferors/sellers.

If none of these exemption statements apply, you must complete Form IT-2663, *Nonresident Real Property Estimated Income Tax Payment Form*, or Form IT-2664, *Nonresident Cooperative Unit Estimated Income Tax Payment Form.* For more information, see *Payment of estimated personal income tax*, on page 1 of Form TP-584-I.

### Exemption for nonresident transferor(s)/seller(s)

This is to certify that at the time of the sale or transfer of the real property or cooperative unit, the transferor(s)/seller(s) (grantor) of this real property or cooperative unit was a nonresident of New York State, but is not required to pay estimated personal income tax under Tax Law, section 663 due to one of the following exemptions:

☐ The real property or cooperative unit being sold or transferred qualifies in total as the transferor's/seller's principal residence (within the meaning of Internal Revenue Code, section 121) from _____ (Date) to _____ (Date) *(see instructions)*.

☐ The transferor/seller is a mortgagor conveying the mortgaged property to a mortgagee in foreclosure, or in lieu of foreclosure with no additional consideration.

☐ The transferor or transferee is an agency or authority of the United States of America, an agency or authority of the state of New York, the Federal National Mortgage Association, the Federal Home Loan Mortgage Corporation, the Government National Mortgage Association, or a private mortgage insurance company.

| Signature | Print full name | Date |
|---|---|---|
| Signature | Print full name | Date |
| Signature | Print full name | Date |
| Signature | Print full name | Date |

# EXHIBIT B

7014 0150 0001 1729 8914

**U.S. Postal Service™**
**CERTIFIED MAIL™ RECEIPT**
*(Domestic Mail Only; No Insurance Coverage Provided)*

For delivery information visit our website at www.usps.com®

Postage $
Certified Fee
Return Receipt Fee (Endorsement Required)
Restricted Delivery Fee (Endorsement Required)
Total Postage & Fees $

Postmark Here

Sent To
Street, Apt. No., or PO Box No.
City, State, ZIP+4®

City of Lackawanna
714 Ridge Road
Lackawanna New York, 14218

PS Form 3800, August 2006 See Reverse for Instructions

**SENDER: *COMPLETE THIS SECTION***

- Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

City of Lackawanna
714 Ridge Road
Lackawanna New York, 14218

***COMPLETE THIS SECTION ON DELIVERY***

A. Signature
X Rosanna Cox ☐ Agent ☐ Addressee

B. Received by *(Printed Name)* C. Date of Delivery

D. Is delivery address different from item 1? ☐ Yes
If YES, enter delivery address below: ☐ No

3. Service Type
☐ Certified Mail® ☐ Priority Mail Express™
☐ Registered ☐ Return Receipt for Merchandise
☐ Insured Mail ☐ Collect on Delivery

4. Restricted Delivery? *(Extra Fee)* ☐ Yes

2. Article Number *(Transfer from service label)* 7014 0150 0001 1729 8914

PS Form 3811, July 2013 Domestic Return Receipt

7014 0150 0001 1729 8952

**U.S. Postal Service™**
**CERTIFIED MAIL™ RECEIPT**
*(Domestic Mail Only; No Insurance Coverage Provided)*

For delivery information visit our website at www.usps.com®

Postage $
Certified Fee
Return Receipt Fee (Endorsement Required)
Restricted Delivery Fee (Endorsement Required)
Total Postage & Fees $

Postmark Here

Sent To
Street, Apt. No., or PO Box No.
City, State, ZIP+4®

County Executive, County of Erie
Edward A. Rath County Office Building
95 Franklin Street, 16th Floor
Buffalo, New York 14202

PS Form 3800, August 2006 See Reverse for Instructions

**SENDER: *COMPLETE THIS SECTION***

- Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

County Executive, County of Erie
Edward A. Rath County Office Building
95 Franklin Street, 16th Floor
Buffalo, New York 14202

***COMPLETE THIS SECTION ON DELIVERY***

A. Signature
X P. Paladino ☐ Age ☐ Add

B. Received by *(Printed Name)* P. PALADINO C. Date of D 7-2

D. Is delivery address different from item 1? ☐ Yes
If YES, enter delivery address below: ☐ No

3. Service Type
☐ Certified Mail® ☐ Priority Mail Express™
☐ Registered ☐ Return Receipt for Merch
☐ Insured Mail ☐ Collect on Delivery

4. Restricted Delivery? *(Extra Fee)* ☐ Yes

2. Article Number *(Transfer from service label)* 7014 0150 0001 1729 8952

PS Form 3811, July 2013 Domestic Return Receipt

## AFFIDAVIT OF SERVICE BY MAIL

Michael L. Nisengard, being duly sworn, deposes and says: I am an attorney at the law firm of Harter Secrest & Emery LLP, Twelve Fountain Plaza, Suite 400, Buffalo, NY 14202. I mailed a copy of the attached Notice of Environmental Easement, which is attached hereto as "Exhibit A", to the parties listed on "Exhibit B" attached hereto, by certified mail with return receipt requested, copies of said slips are attached hereto as "Exhibit C". All parties listed on Exhibit "B" were notified by depositing a copy of the Notice of Environmental Easement in a postpaid addressed wrapper, in an official post office depository under the exclusive care and custody of the United States Post Office Department within the State of New York. Those mailings occurred on the 18th day of July, 2014.

Michael L. Nisengard

Sworn to before me on this
19th day of August 2014.

Notary Public

LISA K. SCHWEICKERT
Notary Public, State of New York
Qualified in Wyoming County
Commission Expires June 7, 2015

# EXHIBIT A

NOTICE OF ENVIRONMENTAL EASEMENT

The New York State Department of Environmental Conservation (the "Grantee"), has been granted an Environmental Easement pursuant to Article 71, Section 36 affecting real property located at the following address:

2303 Hamburg Turnpike
Lackawanna, New York

Property Owner/Grantor: Tecumseh Redevelopment Inc.

The Tax Map Identification No.: 141.11-1-50

NYS Department of Environmental Conservation Site No.: C915199, C915199B, C915199C, C915199D, C915199E, C915199F, C915199I, C915199J

Environmental Easement for the above referenced property has been filed in the Erie County Clerk's Office on July 15, 2014 in Liber 11266 of Deeds at page 5467.

The Environmental Easement contains institutional and/or engineering controls that run with the land. The Environmental Easement may restrict the use of the above referenced property to restricted Commercial and Industrial uses (residential, commercial or industrial).

NOTICE IS HEREBY GIVEN that any activity on the land which might or will prevent or interfere with the ongoing or completed remedial program, including the controls as set forth in the Environmental Easement and the Site Management Plan, must be done in accordance with the Site Management Plan which is incorporated by reference into the Environmental Easement. A copy of the Site Management Plan can be obtained by contacting the Department at derweb@gw.dec.state.ny.us. Be further advised of the notice provisions of NYCRR 375-1.11(d) relative to contemplated significant changes in use.

Failure to Comply with the terms and conditions of the Environmental Easement may subject violators to penalties of up to $37,500 per day for violation of 6 NYCRR 375-1.11(b).

An electronic version of this environmental easement has been accepted by the New York State Department of Environmental Conservation and is available to the public at: http://www.dec.ny.gov/chemical/36045.html.

# EXHIBIT B

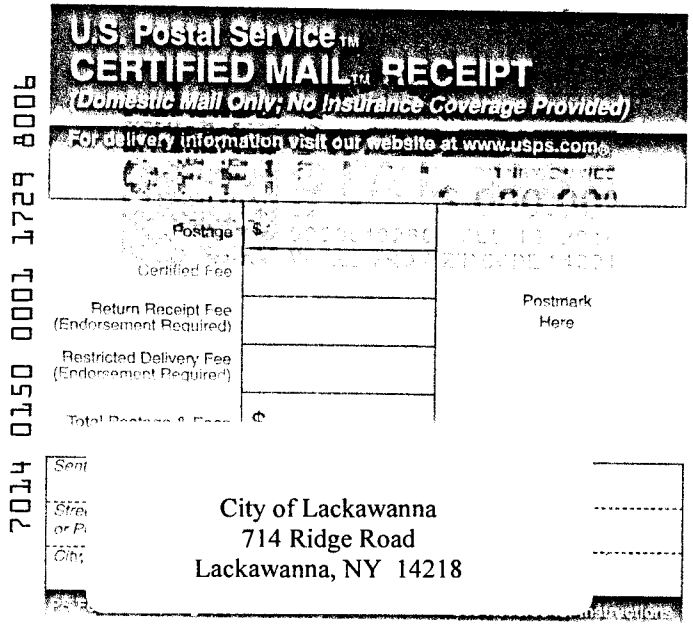
**EASEMENT NOTICE ADDRESS LIST**
Tecumseh Redevelopment Inc.
2303 Lackawanna Turnpike, Lackawanna, New York
Site Nos.: C915199, C915199B, C915199C, C915199D, C915199E, C915199F, C915199I, C915199J

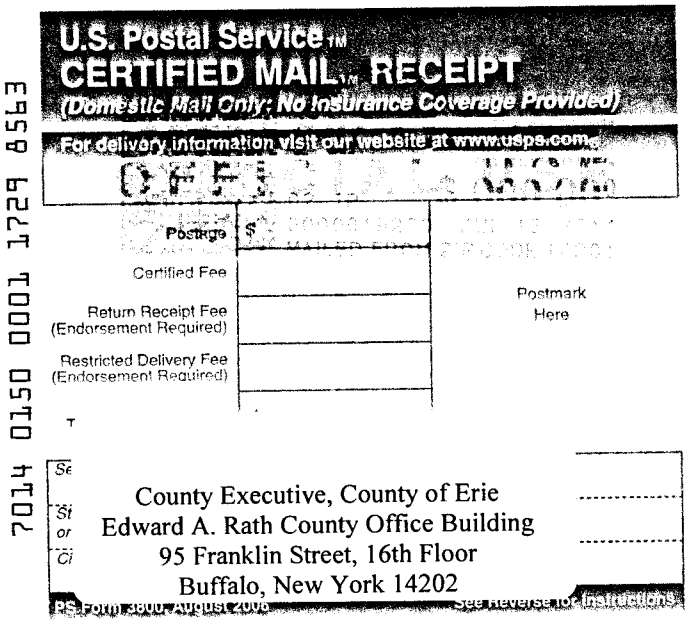
| | |
|---|---|
| Erie County Clerk's Office<br>92 Franklin Street<br>Buffalo, NY 14202 | http://www2.erie.gov/clerk/ |
| City of Lackawanna<br>714 Ridge Road<br>Lackawanna, NY 14218 | http://www.lackawannany.gov/departments/city-clerk/ |
| BQ Energy, LLC<br>47 S Hamilton Street<br>Poughkeepsie, NY 12601 | http://www.bqenergy.com/ |
| Great Lakes Industrial Development LLC<br>26 Mississippi Street<br>Suite 400<br>Buffalo, NY 14203 | http://www.dos.ny.gov/corps/bus_entity_search.html |
| National Fuel Gas Distribution Corporation<br>c/o National Fuel Gas Co.<br>6363 Main Street<br>Williamsville, NY 14221 | http://www.natfuel.com/ |
| Niagara Mohawk Power Corporation<br>300 Erie Boulevard West<br>Syracuse, NY 13202 | http://www.dos.ny.gov/corps/bus_entity_search.html |
| Verizon New York, Inc.<br>140 West Street<br>20th Floor<br>New York, NY 10007 | http://www.dos.ny.gov/corps/bus_entity_search.html |
| KB Business Park Redevelopment LLC<br>4 Centre Drive<br>Orchard Park, NY 14127 | http://www.dos.ny.gov/corps/bus_entity_search.html |

**EASEMENT NOTICE ADDRESS LIST**
Tecumseh Redevelopment Inc.
2303 Lackawanna Turnpike, Lackawanna, New York
Site Nos.: C915199, C915199B, C915199C, C915199D, C915199E, C915199F, C915199I, C915199J

| | |
|---|---|
| Erie Wind, LLC<br>179 Lincoln Street # 500<br>Boston, MA 02111-2425 | http://www.manta.com/c/mtbzbk2/erie-wind-llc |
| Buffalo Concrete Accessories, Inc.<br>243 Manhattan Ave<br>Buffalo, NY 14214 | http://buffaloconcrete.com/ |
| Welded Tube USA Realty, LLC<br>111 Rayette Road<br>Concord, Ontario, Canada L4K 2E9 | http://www.yellowpages.ca/bus/Ontario/Concord/Welded-Tube-Of-Canada/2613233.html |
| County Executive, County of Erie<br>Edward A. Rath County Office Bldg.<br>95 Franklin Street, 16th Floor<br>Buffalo, New York 14202 | http://www2.erie-gov/exec/index.php?q=office-information-0 |

# EXHIBIT C




**SENDER:** *COMPLETE THIS SECTION*

- Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

City of Lackawanna
714 Ridge Road
Lackawanna, NY 14218

*COMPLETE THIS SECTION ON DELIVERY*

A. Signature
X [signature] ☐ Agent ☐ Addressee

B. Received by *(Printed Name)* C. Date of Delivery

D. Is delivery address different from item 1? ☐ Yes
If YES, enter delivery address below: ☐ No

3. Service Type
☐ Certified Mail® ☐ Priority Mail Express™
☐ Registered ☐ Return Receipt for Merchandise
☐ Insured Mail ☐ Collect on Delivery

4. Restricted Delivery? *(Extra Fee)* ☐ Yes

2. Article Number *(Transfer from service label)* 7014 0150 0001 1729 8006

PS Form 3811, July 2013 Domestic Return Receipt

**SENDER:** *COMPLETE THIS SECTION*

- Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

County Executive, County of Erie
Edward A. Rath County Office Building
95 Franklin Street, 16th Floor
Buffalo, New York 14202

*COMPLETE THIS SECTION ON DELIVERY*

A. Signature
X [signature] ☐ Agent ☐ Addre

B. Received by *(Printed Name)* P. PALADINO C. Date of De 9-2

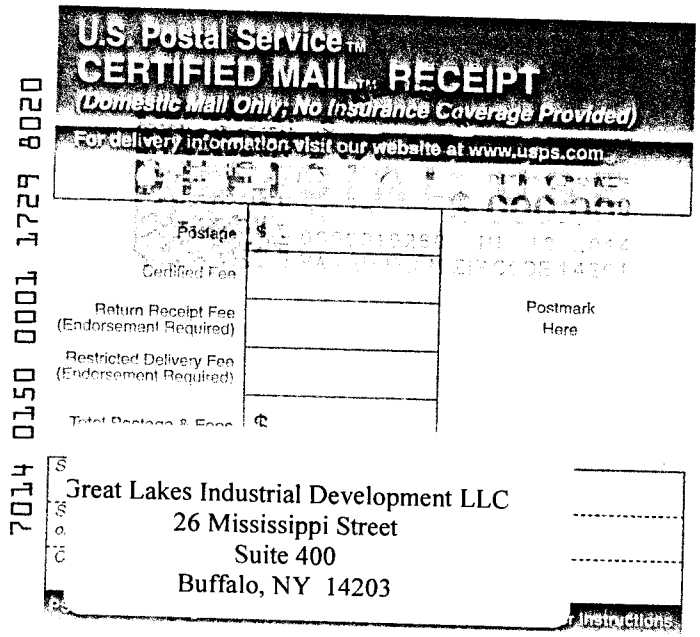
D. Is delivery address different from item 1? ☐ Yes
If YES, enter delivery address below: ☐ No

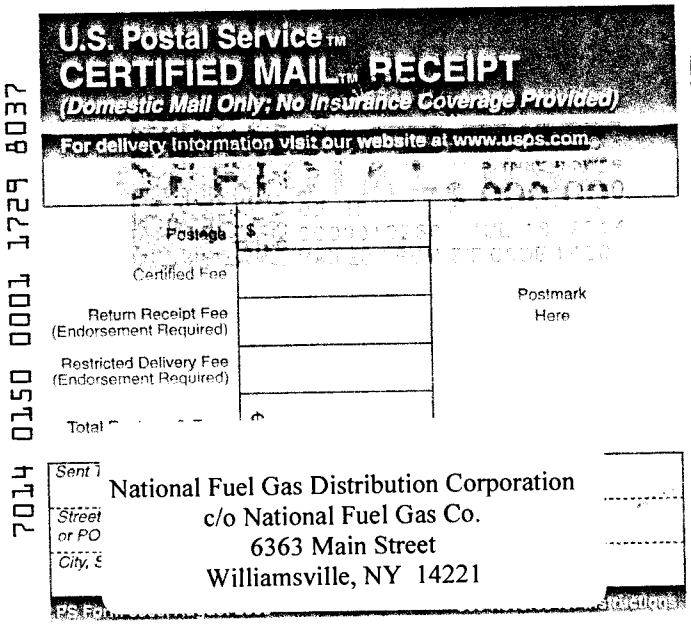
3. Service Type
☐ Certified Mail® ☐ Priority Mail Express™
☐ Registered ☐ Return Receipt for Merchar
☐ Insured Mail ☐ Collect on Delivery

4. Restricted Delivery? *(Extra Fee)* ☐ Yes

2. Article Number *(Transfer from service label)* 7014 0150 0001 1729 8563

PS Form 3811, July 2013 Domestic Return Receipt




**SENDER:** *COMPLETE THIS SECTION*

- Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

Great Lakes Industrial Development LLC
26 Mississippi Street
Suite 400
Buffalo, NY 14203

*COMPLETE THIS SECTION ON DELIVERY*

A. Signature
X [signature] ☐ Agent ☐ Addressee

B. Received by *(Printed Name)* MadeCarey C. Date of Delivery 7/21/14

D. Is delivery address different from item 1? ☐ Yes
If YES, enter delivery address below: ☐ No

3. Service Type
☐ Certified Mail® ☐ Priority Mail Express™
☐ Registered ☐ Return Receipt for Merchandise
☐ Insured Mail ☐ Collect on Delivery

4. Restricted Delivery? *(Extra Fee)* ☐ Yes

2. Article Number *(Transfer from service label)* 7014 0150 0001 1729 8020

PS Form 3811 July 2013 Domestic Return Receipt

**SENDER:** *COMPLETE THIS SECTION*

- Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

lational Fuel Gas Distribution Corporation
c/o National Fuel Gas Co.
6363 Main Street
Williamsville, NY 14221

*COMPLETE THIS SECTION ON DELIVERY*

A. Signature
X [signature] ☐ Agent ☐ Addre

B. Received by *(Printed Name)* Jeanne Harris C. Date of Del 7/21/14

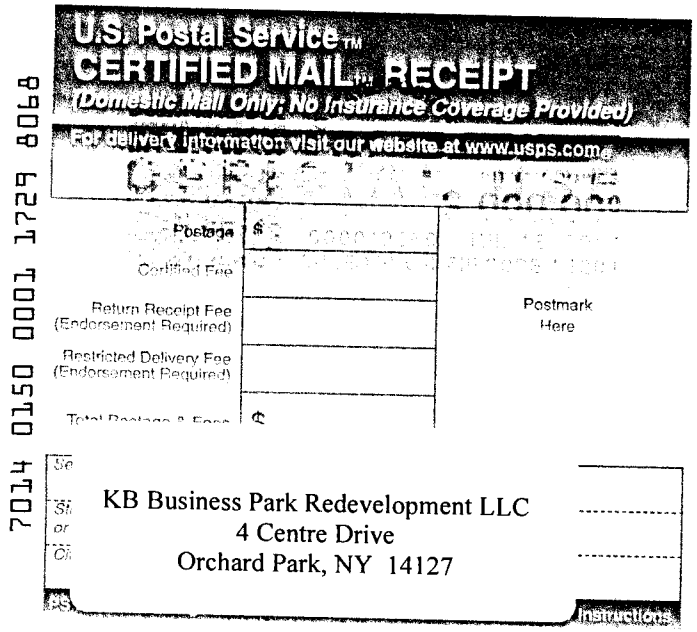
D. Is delivery address different from item 1? ☐ Yes
If YES, enter delivery address below: ☐ No

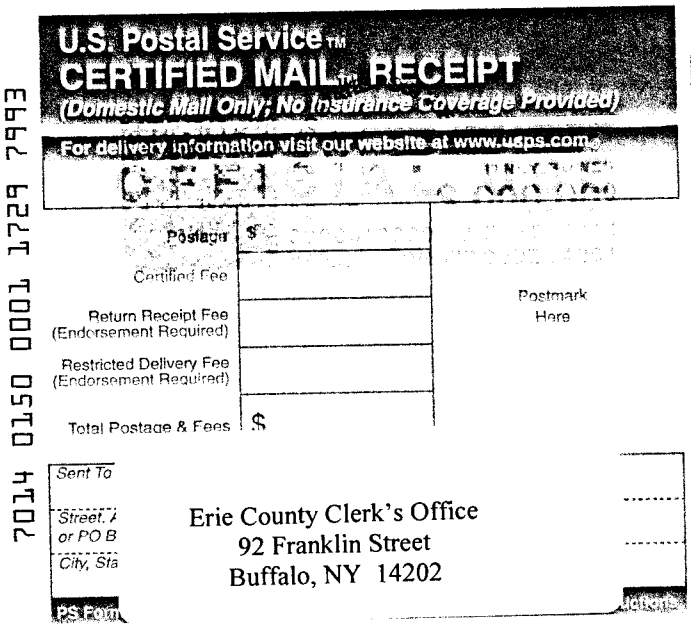
3. Service Type
☐ Certified Mail® ☐ Priority Mail Express™
☐ Registered ☐ Return Receipt for Merchar
☐ Insured Mail ☐ Collect on Delivery

4. Restricted Delivery? *(Extra Fee)* ☐ Yes

2. Article Number *(Transfer from service label)* 7014 0150 0001 1729 8037

PS Form 3811 July 2013 Domestic Return Receipt




**SENDER: *COMPLETE THIS SECTION***

- Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

KB Business Park Redevelopment LLC
4 Centre Drive
Orchard Park, NY 14127

***COMPLETE THIS SECTION ON DELIVERY***

A. Signature
X B. Ruppel ☐ Agent ☐ Addressee

B. Received by (Printed Name) B. Ruppel C. Date of Delivery 7-21-14

D. Is delivery address different from item 1? ☐ Yes
If YES, enter delivery address below: ☒ No

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☐ Certified Mail® ☐ Priority Mail Express™
☐ Registered ☐ Return Receipt for Merchandise
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4. Restricted Delivery? *(Extra Fee)* ☐ Yes

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1. Article Addressed to:

Erie County Clerk's Office
92 Franklin Street
Buffalo, NY 14202

***COMPLETE THIS SECTION ON DELIVERY***

A. Signature
X ☐ Agent ☐ Addressee

B. Received by (Printed Name) C. Date of Delivery

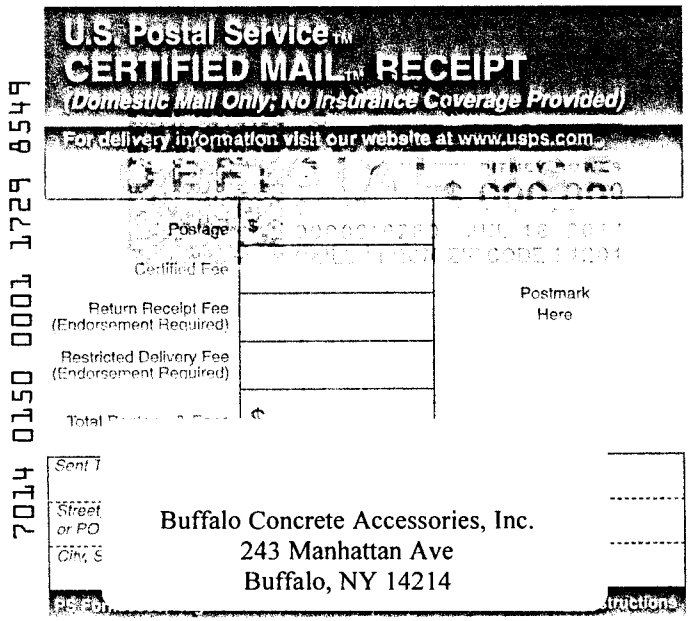
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If YES, enter delivery address below: ☐ No

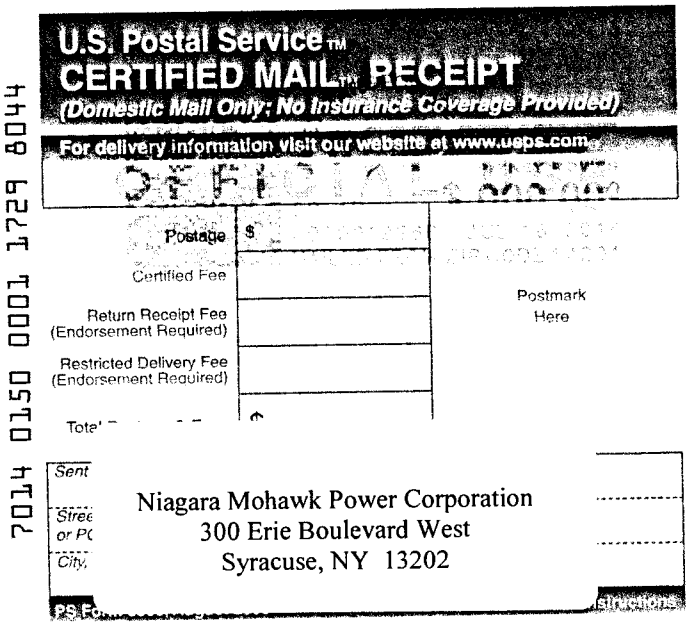
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☐ Registered ☐ Return Receipt for Merchandise
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4. Restricted Delivery? *(Extra Fee)* ☐ Yes

2. Article Number *(Transfer from service label)* 7014 0150 0001 1729 7993

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1. Article Addressed to:

Buffalo Concrete Accessories, Inc.
243 Manhattan Ave
Buffalo, NY 14214

*COMPLETE THIS SECTION ON DELIVERY*

A. Signature
X ☐ Agent ☐ Addressee

B. Received by *(Printed Name)* C. Date of Delivery

D. Is delivery address different from item 1? ☐ Yes
If YES, enter delivery address below: ☐ No

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4. Restricted Delivery? *(Extra Fee)* ☐ Yes

2. Article Number *(Transfer from service label)* 7014 0150 0001 1729 8549

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1. Article Addressed to:

Niagara Mohawk Power Corporation
300 Erie Boulevard West
Syracuse, NY 13202

*COMPLETE THIS SECTION ON DELIVERY*

A. Signature
X ☐ Agent ☐ Addressee

B. Received by *(Printed Name)* C. Date of Delivery

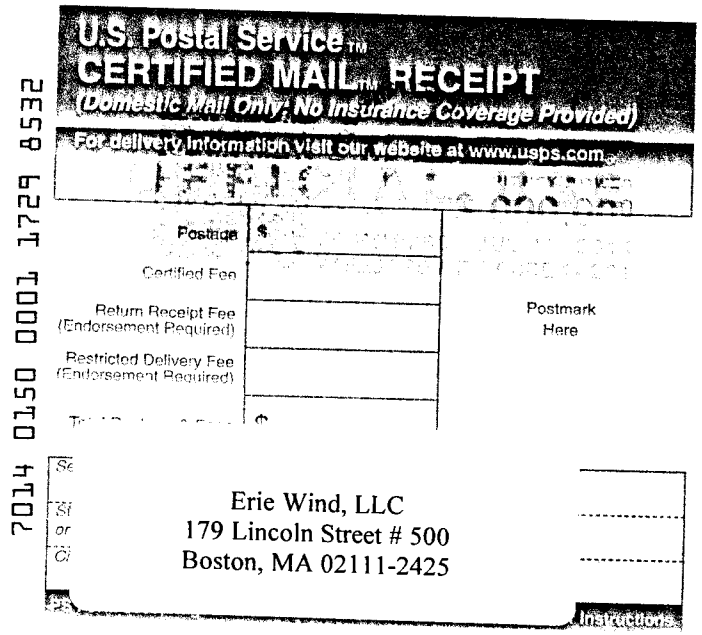
D. Is delivery address different from item 1? ☐ Yes
If YES, enter delivery address below: ☐ No

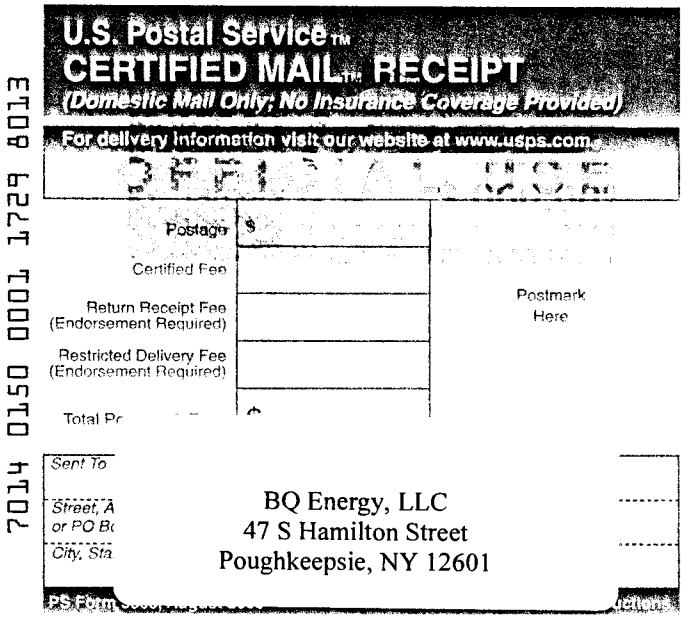
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4. Restricted Delivery? *(Extra Fee)* ☐ Yes

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1. Article Addressed to:

Erie Wind, LLC
179 Lincoln Street # 500
Boston, MA 02111-2425

***COMPLETE THIS SECTION ON DELIVERY***

A. Signature
X [signature] ☒ Agent ☐ Addressee

B. Received by (Printed Name) [illegible] C. Date of Delivery 7/21/14

D. Is delivery address different from item 1? ☐ Yes
If YES, enter delivery address below: ☐ No

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4. Restricted Delivery? *(Extra Fee)* ☐ Yes

2. Article Number *(Transfer from service label)* 7014 0150 0001 1729 8532

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1. Article Addressed to:

BQ Energy, LLC
47 S Hamilton Street
Poughkeepsie, NY 12601

***COMPLETE THIS SECTION ON DELIVERY***

A. Signature
X [signature] ☒ Agen ☐ Addr

B. Received by (Printed Name) Kim Downey C. Date of De 7/21/1

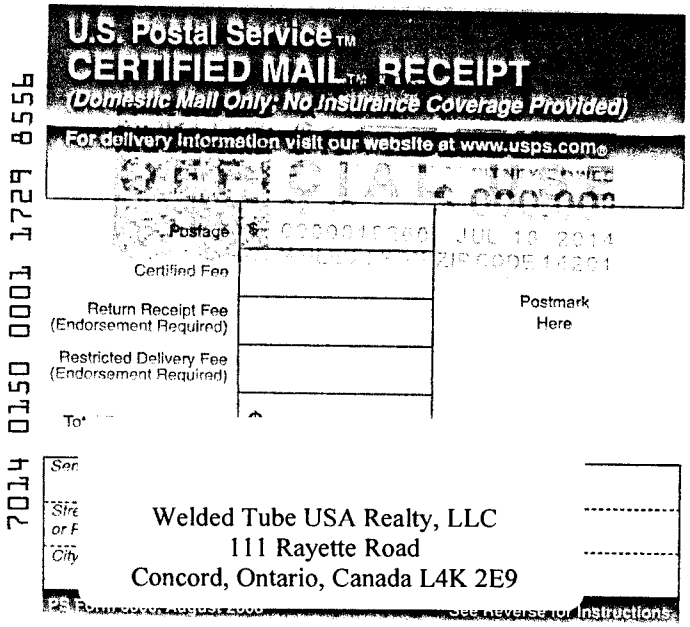
D. Is delivery address different from item 1? ☐ Yes
If YES, enter delivery address below: ☐ No

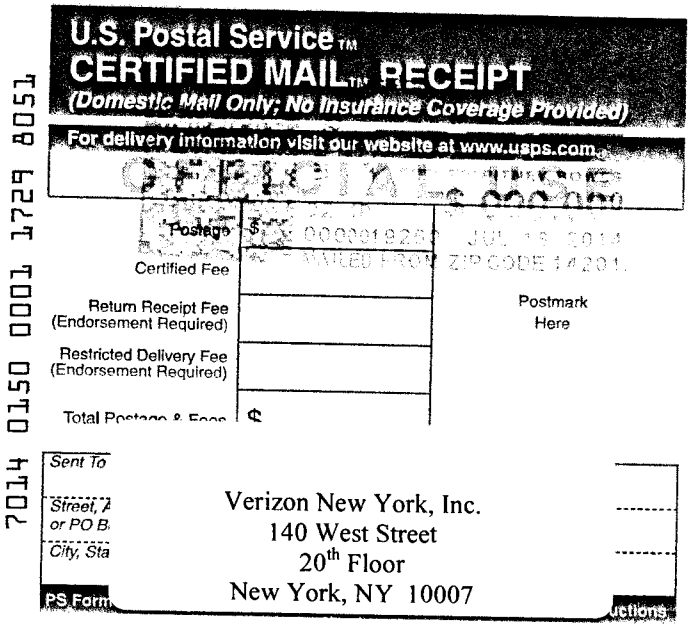
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☐ Insured Mail ☐ Collect on Delivery

4. Restricted Delivery? *(Extra Fee)* ☐ Yes

2. Article Number *(Transfer from service label)* 7014 0150 0001 1729 8013

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1. Article Addressed to:

Welded Tube USA Realty, LLC
111 Rayette Road
Concord, Ontario, Canada L4K 2E9

*COMPLETE THIS SECTION ON DELIVERY*

A. Signature
X ☐ Agent ☐ Addressee

B. Received by *(Printed Name)* C. Date of Delivery 7/14

D. Is delivery address different from item 1? ☐ Yes
If YES, enter delivery address below: ☐ No

3. Service Type
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☐ Insured Mail ☐ Collect on Delivery

4. Restricted Delivery? *(Extra Fee)* ☐ Yes

2. Article Number *(Transfer from service label)* 7014 0150 0001 1729 8556

PS Form 3811 July 2013 Domestic Return Receipt

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1. Article Addressed to:

Verizon New York, Inc.
140 West Street
20th Floor
New York, NY 10007

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A. Signature
X ☐ Agent ☐ Addressee

B. Received by *(Printed Name)* C. Date of Delivery 7/23

D. Is delivery address different from item 1? ☐ Yes
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4. Restricted Delivery? *(Extra Fee)* ☐ Yes

2.

# APPENDIX D

## AGENCY PERMITS, APPLICATIONS, APPROVALS, AND RECEIPTS

**NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION**

**Division of Environmental Remediation, Remedial Bureau E**
625 Broadway, 12th Floor, Albany, NY 12233-7017
P: (518) 402-9813 I F: (518) 402-9819
www.dec.ny.gov

December 8, 2015

Mr. Keith A. Nagel
Tecumseh Redevelopment Inc.
4020 Kinross Lakes Parkway
Richfield, OH 44286

RE: Tecumseh Phase III-2 Business Park
Site ID No. C915199B
Lackawanna (C), Erie County
Decision Document

Dear Mr. Nagel:

The New York State Department of Environmental Conservation (Department) and the New York State Department of Health (NYSDOH) have reviewed the section(s) of the Remedial Investigation/Alternatives Analysis applicable to the Tecumseh Phase III-2 Business Park Site dated August 2011 and prepared by Benchmark on behalf of Tecumseh Redevelopment Inc.

Enclosed is a copy of the Department's Decision Document for the site. The remedy is to be implemented in accordance with this Decision Document. Please ensure that a copy of the Decision Document is placed in the Document Repository(ies).

Please contact the Department's Project Manager, Maurice Moore, at (716) 851-7220 or maurice.moore@dec.ny.gov at your earliest convenience to discuss next steps.

Sincerely,

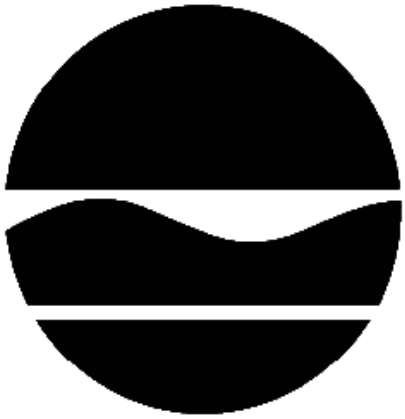
Michael J. Cruden, P.E.
Director
Remedial Bureau E
Division of Environmental Remediation

Enclosure
ec: R. Schick/M. Ryan, DER
C. Staniszewski/M. Moore/K. Draves, Region 9
K. Anders/C. Bethoney/M. Forcucci, NYSDOH
T. Forbes, P.E., Benchmark
C. Slater, Esq., The Slater Law Firm

NEW YORK STATE OF OPPORTUNITY | Department of Environmental Conservation

# DECISION DOCUMENT

Site III-2 Tecumseh Phase III Business Park
Brownfield Cleanup Program
Lackawanna, Erie County
Site No. C915199B
December 2015



Prepared by
Division of Environmental Remediation
New York State Department of Environmental Conservation

# DECLARATION STATEMENT - DECISION DOCUMENT

Site III-2 Tecumseh Phase III Business Park
Brownfield Cleanup Program
Lackawanna, Erie County
Site No. C915199B
December 2015

**Statement of Purpose and Basis**

This document presents the remedy for the Site III-2 Tecumseh Phase III Business Park site, a brownfield cleanup site. The remedial program was chosen in accordance with the New York State Environmental Conservation Law and Title 6 of the Official Compilation of Codes, Rules and Regulations of the State of New York (6 NYCRR) Part 375.

This decision is based on the Administrative Record of the New York State Department of Environmental Conservation (the Department) for the Site III-2 Tecumseh Phase III Business Park site and the public's input to the proposed remedy presented by the Department.

**Description of Selected Remedy**

The elements of the selected remedy are as follows:

1. A remedial design program will be implemented to provide the details necessary for the construction, operation, maintenance, and monitoring of the remedial program. Green remediation principals and techniques will be implemented to the extent feasible in the design, implementation, and site management of the remedy as per DER-31. The major green remediation components are as follows;

- Considering the environmental impacts of treatment technologies and remedy stewardship over the long term;

- Reducing direct and indirect greenhouse gas and other emissions;

- Increasing energy efficiency and minimizing use of non-renewable energy;

- Conserving and efficiently managing resources and materials;

- Reducing waste, increasing recycling and increasing reuse of materials which would otherwise be considered a waste.

2. A site cover will be required to allow for commercial use of the site. The cover will consist either of the structures such as buildings, pavement, sidewalks comprising the site development or other approved cover in areas where the upper one foot of exposed surface soil will exceed the

applicable soil cleanup objectives (SCOs). Where cover is required it will be a minimum of one foot thick, meeting the SCOs for cover material as set forth in 6 NYCRR Part 375-6.7(d) for commercial use. The cover will be placed over a demarcation layer. Any fill material brought to the site will meet the requirements for the identified site use as set forth in 6 NYCRR Part 375-6.7(d).

3. Imposition of an institutional control in the form of an environmental easement is required for the controlled property that:

- allows the use and development of the controlled property for commercial and industrial uses as defined by Part 375-1.8(g), although land use is subject to local zoning laws;

- restricts the use of groundwater as a source of potable or process water, without necessary water quality treatment as determined by the NYSDOH or County DOH;

- requires compliance with the Department approved Site Management Plan; and

- requires the remedial party or site owner to complete and submit to the Department a periodic certification of institutional and engineering controls in accordance with Part 375-1.8 (h)(3.)

4. A Site Management Plan is in place which includes the following:

a. an Institutional and Engineering Control Plan that identifies all use restrictions and engineering controls for the site and details the steps and media-specific requirements necessary to ensure the following institutional and/or engineering controls remain in place and effective:

Institutional Controls: The Environmental Easement discussed in Paragraph 3 above.

Engineering Controls: The cover discussed in Paragraph 2.

This plan includes, but is not limited to:

- an Excavation Plan which details the provisions for management of future excavations in areas of remaining contamination;

- provisions for the management and inspection of the identified engineering controls;

- maintaining site access controls and Department notification; and

- the steps necessary for the periodic reviews and certification of the institutional and/or engineering controls.

b. a Monitoring Plan to assess the performance and effectiveness of the remedy. The plan includes but may not be limited to:

- monitoring the performance of the site cover; and
- monitoring of the groundwater to assess the performance and effectiveness of the remedy.

**Declaration**

The remedy conforms with promulgated standards and criteria that are directly applicable, or that are relevant and appropriate and takes into consideration Department guidance, as appropriate. The remedy is protective of public health and the environment.

Michael J Cruden

Digitally signed by Michael J Cruden
DN: cn=Michael J Cruden, o=DER, ou=RBE, email=mjcruden@gw.dec.state.ny.us, c=US
Date: 2015.12.07 11:48:40 -05'00'

Date

Michael Cruden, Director
Remedial Bureau E

# DECISION DOCUMENT

Site III-2 Tecumseh Phase III Business Park
Lackawanna, Erie County
Site No. C915199B
December 2015

## SECTION 1: SUMMARY AND PURPOSE

The New York State Department of Environmental Conservation (the Department), in consultation with the New York State Department of Health (NYSDOH), has selected a remedy for the above referenced site. The disposal of contaminants at the site has resulted in threats to public health and the environment that would be addressed by the remedy. The disposal or release of contaminants at this site, as more fully described in this document, has contaminated various environmental media. Contaminants include hazardous waste and/or petroleum.

The New York State Brownfield Cleanup Program (BCP) is a voluntary program. The goal of the BCP is to enhance private-sector cleanups of brownfields and to reduce development pressure on "greenfields." A brownfield site is real property, the redevelopment or reuse of which may be complicated by the presence or potential presence of a contaminant.

The Department has issued this document in accordance with the requirements of New York State Environmental Conservation Law and 6 NYCRR Part 375. This document is a summary of the information that can be found in the site-related reports and documents.

## SECTION 2: CITIZEN PARTICIPATION

The Department seeks input from the community on all remedies. A public comment period was held, during which the public was encouraged to submit comment on the proposed remedy. All comments on the remedy received during the comment period were considered by the Department in selecting a remedy for the site. Site-related reports and documents were made available for review by the public at the following document repositories:

Lackawanna Public Library
Attn: Jennifer Hoffman
560 Ridge Road
Lackawanna, NY 14218
Phone: 716-823-0630

NYS DEC
Attn: Maurice Moore
270 Michigan Ave.
Buffalo, NY 14203

Phone: 716-851-7220

**Receive Site Citizen Participation Information By Email**

Please note that the Department's Division of Environmental Remediation (DER) is "going paperless" relative to citizen participation information. The ultimate goal is to distribute citizen participation information about contaminated sites electronically by way of county email listservs. Information will be distributed for all sites that are being investigated and cleaned up in a particular county under the State Superfund Program, Environmental Restoration Program, Brownfield Cleanup Program, Voluntary Cleanup Program, and Resource Conservation and Recovery Act Program. We encourage the public to sign up for one or more county listservs at http://www.dec.ny.gov/chemical/61092.html

## SECTION 3: SITE DESCRIPTION AND HISTORY

Location:
Tecumseh Phase III-2 (site) is one of 10 sub-parcels comprising the Tecumseh Phase III Business Park (Phase III) and is located at 2303 Hamburg Turnpike in the City of Lackawanna, New York. Situated in an industrial area Phase III is part of a larger property that once included the Bethlehem Steel Company (BSC) identified on the Erie County Tax maps as SBL 141.11-1-50. Phase III is located to the west of Route 5 and the Tecumseh Phase II Business Park, to the south of Gateway Metroport and east of the remaining Former Bethlehem Steel Property.

Site Features:
Located at the southernmost portion within Phase III, the site is a 10.92 acre, triangular shaped, sub-parcel with no remarkable features. The parcel is flat, covered with slag fill. Most of the business park is vegetated with natural grasses, shrubs and poplar trees typical of a primary shrub-young forest ecosystem. Also typical are remnants of former steel manufacturing buildings and foundations. The entire BSC site is fenced with vehicle access limited to one automatic gate.

Current Zoning and Land Use:
The site is zoned medium industrial. Current use of the site is vacant land. Surrounding uses specific to the site include: adjacent and to the south is a metals recycling facility, to the west is vacant land that formerly was mined for slag, and to the east is a lumber transfer facility located in Phase III-1.

Past Use of the Site:
Phase III was formerly a portion of BSC's steelmaking operations. Specific processes and steelmaking facilities performed on or proximate to the Site that contributed to soil impacts included:

- Slab Yards
- Scale Flume Sluiceway
- Settling Basin
- Motor Room

Future use anticipates commercial/industrial re-use.

Site Geology and Hydrology:
The entire Phase III is mostly filled land with between two to eight feet of steel and iron-making slag as well as other fill material being used for backfill. Underlying the fill material are lacustrine silts and clays. At the site native material is encountered from about 12 to 14 feet below ground surface.

Bedrock is Middle Devonian, Levanna shale and Stafford limestone of the Hamilton Group within the Skaneateles Formation. Bedrock varies from about 24 feet deep in the southeastern corner of the site to 45 feet deep near the northern border of the site.

Due to the porous nature of the slag/soil fill there is very little storm water ponding or surface runoff as most of the precipitation seeps into the highly permeable slag/soil fill. Any surface waters would tend to flow toward Smokes Creek which empties to the west into Lake Erie.

Groundwater when encountered is about 7 feet deep trending northerly and westerly toward Lake Erie.

A site location map is attached as Figure 1.

## SECTION 4: LAND USE AND PHYSICAL SETTING

The Department may consider the current, intended, and reasonably anticipated future land use of the site and its surroundings when evaluating a remedy for soil remediation. For this site, alternatives (or an alternative) that restrict(s) the use of the site to commercial use (which allows for industrial use) as described in Part 375-1.8(g) were/was evaluated in addition to an alternative which would allow for unrestricted use of the site.

A comparison of the results of the Remedial Investigation (RI) to the appropriate standards, criteria and guidance values (SCGs) for the identified land use and the unrestricted use SCGs for the site contaminants is available in the RI Report.

## SECTION 5: ENFORCEMENT STATUS

The Applicant under the Brownfield Cleanup Agreement is a Volunteer. The Applicant does not have an obligation to address off-site contamination. However, the Department has determined that this site does not pose a significant threat to public health or the environment; accordingly, no enforcement actions are necessary.

## SECTION 6: SITE CONTAMINATION

### 6.1: Summary of the Remedial Investigation

A remedial investigation (RI) serves as the mechanism for collecting data to:

- characterize site conditions;
- determine the nature of the contamination; and
- assess risk to human health and the environment.

The RI is intended to identify the nature (or type) of contamination which may be present at a site and the extent of that contamination in the environment on the site, or leaving the site. The RI reports on data gathered to determine if the soil, groundwater, soil vapor, indoor air, surface water or sediments may have been contaminated. Monitoring wells are installed to assess groundwater and soil borings or test pits are installed to sample soil and/or waste(s) identified. If other natural resources are present, such as surface water bodies or wetlands, the water and sediment may be sampled as well. Based on the presence of contaminants in soil and groundwater, soil vapor will also be sampled for the presence of contamination. Data collected in the RI influence the development of remedial alternatives. The RI report is available for review in the site document repository and the results are summarized in section 6.3.

The analytical data collected on this site includes data for:

- groundwater
- soil

### 6.1.1: Standards, Criteria, and Guidance (SCGs)

The remedy must conform to promulgated standards and criteria that are directly applicable or that are relevant and appropriate. The selection of a remedy must also take into consideration guidance, as appropriate. Standards, Criteria and Guidance are hereafter called SCGs.

To determine whether the contaminants identified in various media are present at levels of concern, the data from the RI were compared to media-specific SCGs. The Department has developed SCGs for groundwater, surface water, sediments, and soil. The NYSDOH has developed SCGs for drinking water and soil vapor intrusion. For a full listing of all SCGs see: http://www.dec.ny.gov/regulations/61794.html

### 6.1.2: RI Results

The data have identified contaminants of concern. A "contaminant of concern" is a contaminant that is sufficiently present in frequency and concentration in the environment to require evaluation for remedial action. Not all contaminants identified on the property are contaminants of concern. The nature and extent of contamination and environmental media requiring action are summarized below. Additionally, the RI Report contains a full discussion of the data. The contaminant(s) of concern identified at this site is/are:

| | |
|---|---|
| benzo(a)anthracene | arsenic |
| benzo(a)pyrene | cadmium |
| benzo(b)fluoranthene | copper |
| dibenz[a,h]anthracene | manganese |
| indeno(1,2,3-CD)pyrene | lead |

The contaminant(s) of concern exceed the applicable SCGs for:

- soil

## 6.2: Interim Remedial Measures

An interim remedial measure (IRM) is conducted at a site when a source of contamination or exposure pathway can be effectively addressed before issuance of the Decision Document.

There were no IRMs performed at this site during the RI.

## 6.3: Summary of Environmental Assessment

This section summarizes the assessment of existing and potential future environmental impacts presented by the site. Environmental impacts may include existing and potential future exposure pathways to fish and wildlife receptors, wetlands, groundwater resources, and surface water. The RI report presents a detailed discussion of any existing and potential impacts from the site to fish and wildlife receptors.

Nature and Extent of Contamination:

The nature and extent of metals contamination is consistent with the former site use as a steel manufacturing facility. Based upon investigations conducted to date, metals, such as arsenic, lead, cadmium, copper and manganese and semi-volatile organic compounds (SVOCs) including polycyclic aromatic hydrocarbons (PAHs), such as, benzo(a)pyrene, benzo(a)anthracene, benzo(b)fluoranthene, dibenzo(a,h)anthracene and indeno(1,2,3-cd)pyrene are chemicals of concern.

When compared to the unrestricted SCOs of 13 parts per million (ppm) arsenic, ranging from 8.8 ppm to 63.2 ppm exceeds SCOs in 7 of 8 of the samples and when compared to the commercial SCO of 16 ppm exceeds in 6 of 8 samples. Lead, from 53.3 ppm – 1,200 ppm, exceeds unrestricted SCOs (63 ppm) in 7 of 8 samples but when compared to commercial SCOs (1,000 ppm) only one sample exceeded the SCO. Cadmium from 0.05 ppm to 20.8 ppm exceeds the unrestricted SCO of 2.5 PPM in 4 of 8 samples but exceeds commercial SCO of 9.3 in only one sample. Copper, from 200 ppm to 406 ppm exceed unrestricted SCOs of 50 ppm in 2 of 2 samples and exceeds the commercial SCO of 270 ppm in 1 of 2 samples.

SVOCs, like metals are widespread throughout the Phase III Business Park. Most of the soil contaminants are PAHs and are usually associated with those activities that include burning of fossil fuels and heavy rail use, both of which were common at the former steel mill. At the site the above noted PAHs exceed the unrestricted SCOs in almost all of the samples. Benzo(b)fluoranthene (SCO 1 ppm) from 1.1 ppm to 20 ppm and indeno(1,2,3-cd)pyrene (SCO 0.5 ppm) from 0.65 to 7.9 ppm exceeded the SCOs in 8 of 8 samples. Benzo(a)anthracene from 1 ppm to 21 ppm exceed the unrestricted SCO of 1 ppm and benzo(a)pyrene (SCO 1 ppm) from 0.89 ppm to 15 ppm in 7 of 8 samples. Dibenzo(a,h)anthracene (SCO of 0.33 ppm) from 0.2 ppm to 3.1 ppm exceeded the unrestricted SCOs in 4 of 8 samples.

When compared to the commercial use SCO only benzo(a)pyrene (1 ppm) exceeded the same number of samples as unrestricted with 7 of 8 samples exceeding. Benzo(a)anthracene (5.6 ppm) and benzo(b)fluoranthene (5.6 ppm) exceeded SCOs in 3 of 8 samples. Dibenzo(a,h)anthracene (0.56 ppm) and indeno(1,2,3-cd))pyrene (5.6 ppm) exceeded SCOs in 1 of 8 samples.

Pre-screening and sampling did not indicate any impacts exceeding SCOs from volatile organic compounds (VOCs) or PCBs

Groundwater at one monitoring well located in the southeastern portion of the site with a pH of 11.19 exceeds groundwater quality standards for pH (6.5 to 8.5) and iron at 2.49 ppm exceeds groundwater quality standards of (0.3 ppm) indicative of impacts from steel-making operations. However, groundwater quality has not been compromised above groundwater quality standards for any other chemical of concern and groundwater is not used at the site and is restricted from use for either potable or non-potable purposes without treatment by an environmental easement.

## 6.4: Summary of Human Exposure Pathways

This human exposure assessment identifies ways in which people may be exposed to site-related contaminants. Chemicals can enter the body through three major pathways (breathing, touching or swallowing). This is referred to as *exposure*.

The site is completely fenced, which restricts public access. However, persons who enter the site could contact contaminants in the soil by walking on the site, digging or otherwise disturbing the soil. A groundwater use restriction is in place for the site and therefore, people are not coming into contact with the contaminated groundwater. In addition, people are not drinking the contaminated groundwater as the area is served by a public water supply that is not affected by this contamination.

## 6.5: Summary of the Remediation Objectives

The objectives for the remedial program have been established through the remedy selection process stated in 6 NYCRR Part 375. The goal for the remedial program is to restore the site to pre-disposal conditions to the extent feasible. At a minimum, the remedy shall eliminate or mitigate all significant threats to public health and the environment presented by the contamination identified at the site through the proper application of scientific and engineering principles.

The remedial action objectives for this site are:

**Groundwater**

**RAOs for Public Health Protection**

- Prevent ingestion of groundwater with contaminant levels exceeding drinking water standards.

**Soil**

**RAOs for Public Health Protection**

- Prevent ingestion/direct contact with contaminated soil.

**RAOs for Environmental Protection**

- Prevent impacts to biota from ingestion/direct contact with soil causing toxicity or impacts from bioaccumulation through the terrestrial food chain.

## SECTION 7: ELEMENTS OF THE SELECTED REMEDY

The alternatives developed for the site and the evaluation of the remedial criteria are presented in the Alternative Analysis. The remedy is selected pursuant to the remedy selection criteria set forth in DER-10, Technical Guidance for Site Investigation and Remediation and 6 NYCRR Part 375.

The selected remedy is a Track 4: Restricted use with site-specific soil cleanup objectives remedy.

The selected remedy is referred to as the Cover with Institutional Controls remedy.

The elements of the selected remedy, as shown in Figure 2, are as follows:

1. A remedial design program will be implemented to provide the details necessary for the construction, operation, maintenance, and monitoring of the remedial program. Green remediation principals and techniques will be implemented to the extent feasible in the design, implementation, and site management of the remedy as per DER-31. The major green remediation components are as follows;

- Considering the environmental impacts of treatment technologies and remedy stewardship over the long term;

- Reducing direct and indirect greenhouse gas and other emissions;

- Increasing energy efficiency and minimizing use of non-renewable energy;

- Conserving and efficiently managing resources and materials;

- Reducing waste, increasing recycling and increasing reuse of materials which would otherwise be considered a waste.

2. A site cover will be required to allow for commercial use of the site. The cover will consist either of the structures such as buildings, pavement, sidewalks comprising the site development or other approved cover in areas where the upper one foot of exposed surface soil will exceed the applicable soil cleanup objectives (SCOs). Where cover is required it will be a minimum of one foot thick, meeting the SCOs for cover material as set forth in 6 NYCRR Part 375-6.7(d) for commercial use. The cover will be placed over a demarcation layer. Any fill material brought to the site will meet the requirements for the identified site use as set forth in 6 NYCRR Part 375-6.7(d).

3. Imposition of an institutional control in the form of an environmental easement is required for the controlled property that:

- allows the use and development of the controlled property for commercial and industrial uses as defined by Part 375-1.8(g), although land use is subject to local zoning laws;

- restricts the use of groundwater as a source of potable or process water, without necessary water quality treatment as determined by the NYSDOH or County DOH;

- requires compliance with the Department approved Site Management Plan; and

- requires the remedial party or site owner to complete and submit to the Department a periodic certification of institutional and engineering controls in accordance with Part 375-1.8 (h)(3.)

4. A Site Management Plan is in place which includes the following:

a. an Institutional and Engineering Control Plan that identifies all use restrictions and engineering controls for the site and details the steps and media-specific requirements necessary to ensure the following institutional and/or engineering controls remain in place and effective:

Institutional Controls: The Environmental Easement discussed in Paragraph 3 above.

Engineering Controls: The cover discussed in Paragraph 2.

This plan includes, but is not limited to:

- an Excavation Plan which details the provisions for management of future excavations in areas of remaining contamination;

- provisions for the management and inspection of the identified engineering controls;

- maintaining site access controls and Department notification; and

- the steps necessary for the periodic reviews and certification of the institutional and/or engineering controls.

b. a Monitoring Plan to assess the performance and effectiveness of the remedy. The plan includes but may not be limited to:

- monitoring the performance of the site cover; and

- monitoring of the groundwater to assess the performance and effectiveness of the remedy.

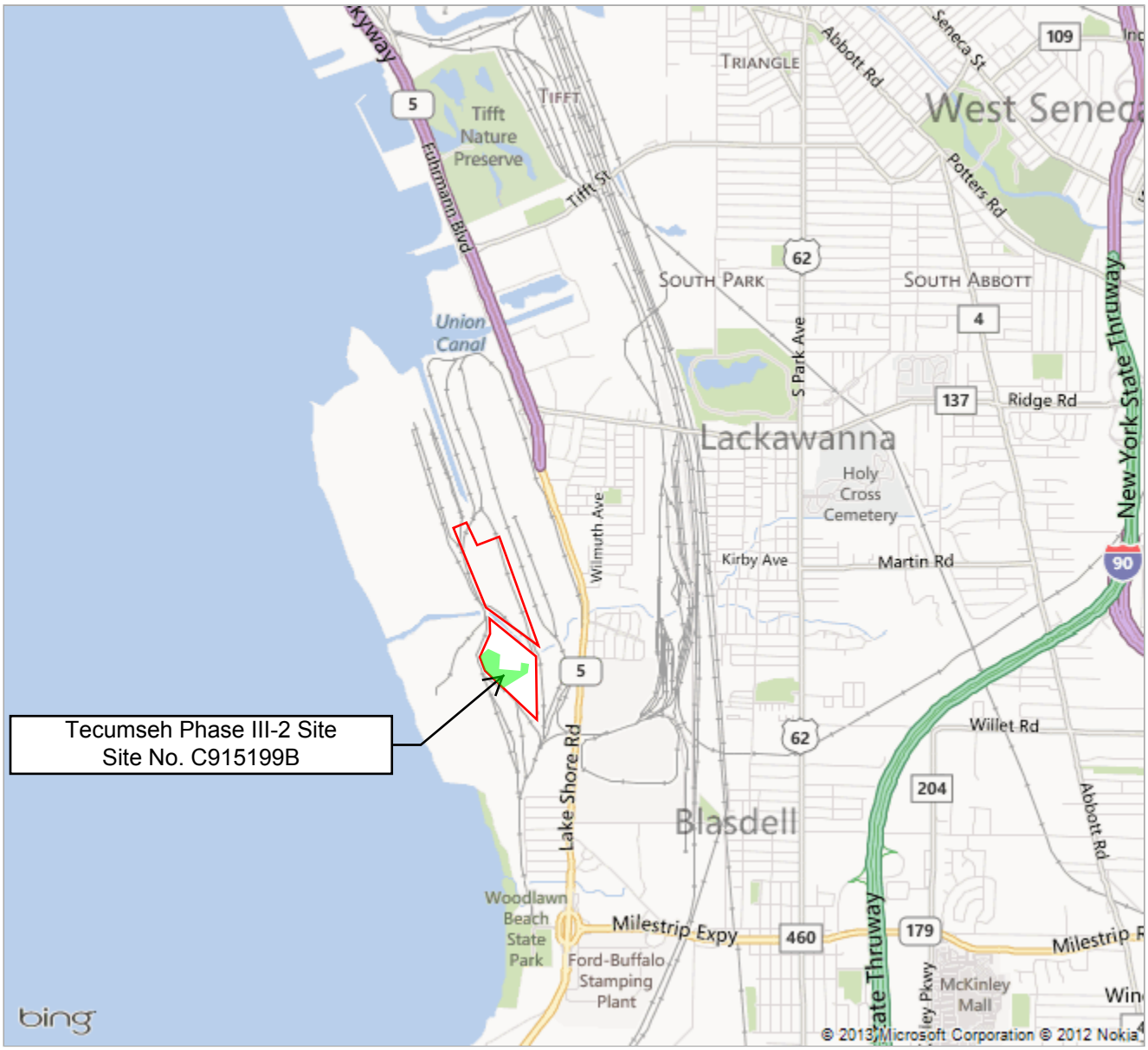
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FIGURE 1

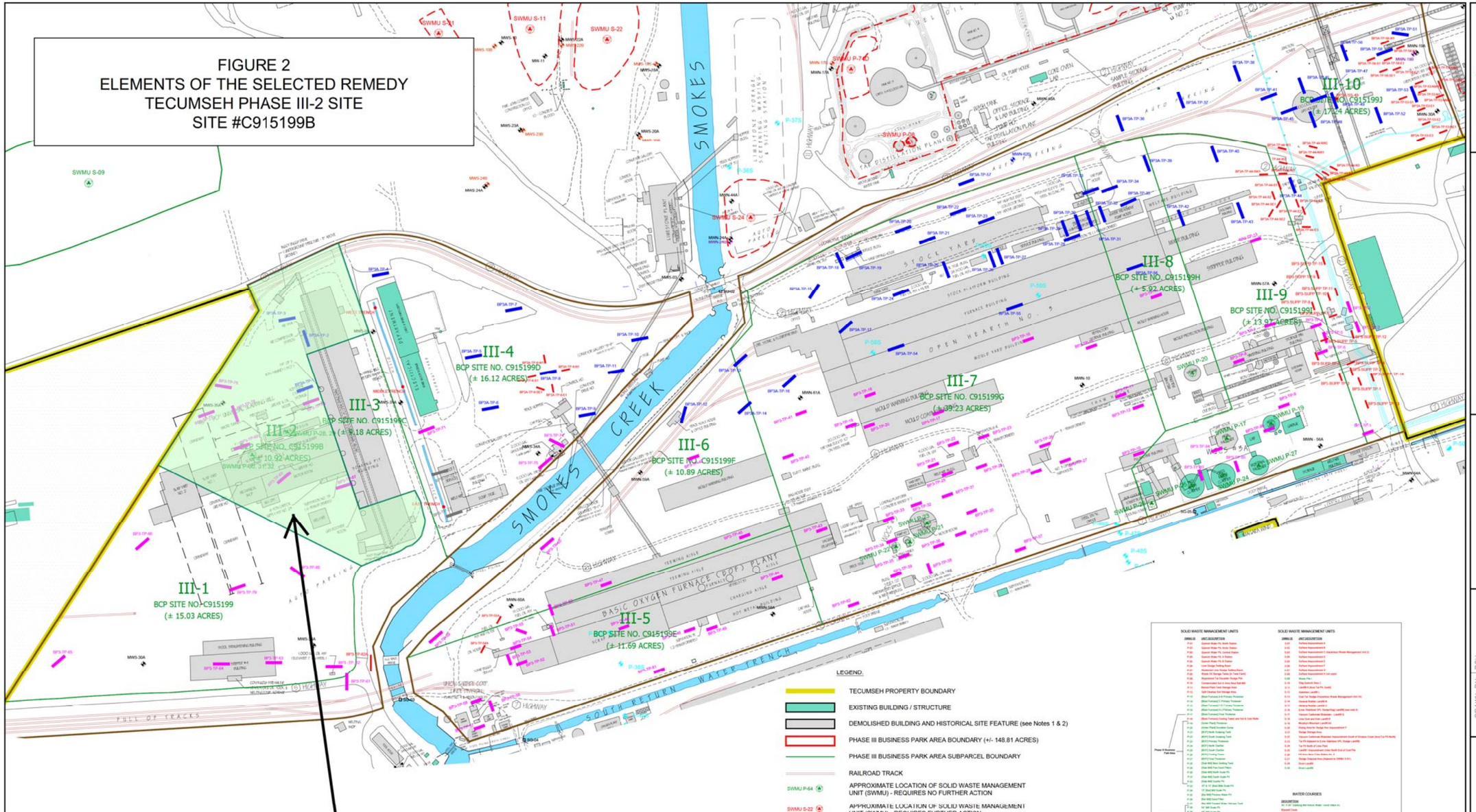
Site Location
Tecumseh Phase III Business Park

Phase III-2 Site
Site No. C915199B



# FIGURE 2
# ELEMENTS OF THE SELECTED REMEDY
# TECUMSEH PHASE III-2 SITE
# SITE #C915199B


SMOKES CREEK
SMOKES CREEK
III-1
BCP SITE NO. C915199
(± 15.03 ACRES)
III-2
BCP SITE NO. C915199B
(± 10.92 ACRES)
III-3
BCP SITE NO. C915199C
(± 9.18 ACRES)
III-4
BCP SITE NO. C915199D
(± 16.12 ACRES)
III-5
BCP SITE NO. C915199E
(± 11.69 ACRES)
III-6
BCP SITE NO. C915199F
(± 10.89 ACRES)
III-7
BCP SITE NO. C915199G
(± 39.23 ACRES)
III-8
BCP SITE NO. C915199H
(± 5.92 ACRES)
III-9
BCP SITE NO. C915199I
(± 13.97 ACRES)
III-10
BCP SITE NO. C915199J
(± 17.24 ACRES)
SWMU S-09
SWMU S-11
SWMU S-22
SWMU S-24
SWMU P-08
SWMU P-74
SWMU P-64
SWMU P-28
SWMU P-32
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SWMU P-21
SWMU P-20
SWMU P-19
SWMU P-17
SWMU P-24
SWMU P-27
BASIC OXYGEN FURNACE (BOF) PLANT
SOUTH RETURN WATER TRENCH
FULL OF TRACKS
HIGHWAY
P-375
P-365
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P-485
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**NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION**

**Division of Environmental Remediation, Remedial Bureau E**
625 Broadway, 12th Floor, Albany, NY 12233-7017
P: (518) 402-9813 I F: (518) 402-9819
www.dec.ny.gov

March 7, 2016

Mr. Keith A. Nagel
Tecumseh Redevelopment Inc.
4020 Kinross Lakes Parkway
Richfield, OH 44286

RE: Tecumseh Phase III-3 Business Park
Site ID No. C915199C, Lackawanna (C), Erie County
Decision Document

Dear Mr. Nagel:

The New York State Department of Environmental Conservation (Department) and the New York State Department of Health (NYSDOH) have reviewed the section(s) of the Remedial Investigation/Alternatives Analysis applicable to the Tecumseh Phase III-3 Business Park Site dated August 2011 and prepared by Benchmark on behalf of Tecumseh Redevelopment Inc.

Enclosed is a copy of the Department's Decision Document for the site. The remedy is to be implemented in accordance with this Decision Document. Please ensure that a copy of the Decision Document is placed in the document repository(ies).

Please contact the Department's Project Manager, Maurice Moore, at (716) 851-7220 or maurice.moore@dec.ny.gov at your earliest convenience to discuss next steps.

Sincerely,

Michael J. Cruden, P.E.
Director
Remedial Bureau E
Division of Environmental Remediation

Enclosure
ec: R. Schick/M. Ryan, DER
C. Staniszewski/M. Moore/K. Draves, Region 9
K. Anders, NYSDOH
C. Bethoney, NYSDOH
M. Forcucci, NYSDOH
T. Forbes, P.E., Benchmark
C. Slater, Esq., The Slater Law Firm

# DECISION DOCUMENT

Site III-3 Tecumseh Phase III Business Park
Brownfield Cleanup Program
Lackawanna, Erie County
Site No. C915199C
March 2016

Prepared by
Division of Environmental Remediation
New York State Department of Environmental Conservation

# DECLARATION STATEMENT - DECISION DOCUMENT

Site III-3 Tecumseh Phase III Business Park
Brownfield Cleanup Program
Lackawanna, Erie County
Site No. C915199C
March 2016

**Statement of Purpose and Basis**

This document presents the remedy for the Site III-3 Tecumseh Phase III Business Park site, a brownfield cleanup site. The remedial program was chosen in accordance with the New York State Environmental Conservation Law and Title 6 of the Official Compilation of Codes, Rules and Regulations of the State of New York (6 NYCRR) Part 375.

This decision is based on the Administrative Record of the New York State Department of Environmental Conservation (the Department) for the Site III-3 Tecumseh Phase III Business Park site and the public's input to the proposed remedy presented by the Department.

**Description of Selected Remedy**

The elements of the selected remedy are as follows:

1. A remedial design program will be implemented to provide the details necessary for the construction, operation, maintenance, and monitoring of the remedial program. Green remediation principals and techniques will be implemented to the extent feasible in the design, implementation, and site management of the remedy as per DER-31. The major green remediation components are as follows;

- Considering the environmental impacts of treatment technologies and remedy stewardship over the long term;

- Reducing direct and indirect greenhouse gas and other emissions;

- Increasing energy efficiency and minimizing use of non-renewable energy;

- Conserving and efficiently managing resources and materials;

- Reducing waste, increasing recycling and increasing reuse of materials which would otherwise be considered a waste.

2. A site cover will be required to allow for commercial use of the site. The cover will consist either of the structures such as buildings, pavement, sidewalks comprising the site development or other approved cover in areas where the upper one foot of exposed surface soil will exceed the

applicable soil cleanup objectives (SCOs). Where cover is required it will be a minimum of one foot thick, meeting the SCOs for cover material as set forth in 6 NYCRR Part 375-6.7(d) for commercial use. The cover will be placed over a demarcation layer, with the upper six inches of the soil of sufficient quality to maintain a vegetation layer. Any fill material brought to the site will meet the requirements for the identified site use as set forth in 6 NYCRR Part 375-6.7(d).

An additional requirement for site cover is necessary over an approximately 585 feet by 160 feet area demarcated as containing ACM. The area specific cover will consist of a non-vegetated cover (per 6NYCRR Part 375 and 40 CFR 61.151), consisting of an additional one foot of approved cover meeting the SCOs for cover material as set forth in 6 NYCRR Part 375-6.7(d) for commercial use. The entire area will be enclosed with a 6 feet high chain link fence with a locking double-access gate and identification/warning signs.

3. Imposition of an institutional control in the form of an environmental easement is required for the controlled property that:

- allows for restricted use of the ACM containing area and prohibits future occupied development within that area;

- allows the use and development of the remaining controlled property for commercial and industrial uses as defined by Part 375-1.8(g), although land use is subject to local zoning laws;

- restricts the use of groundwater as a source of potable or process water, without necessary water quality treatment as determined by the NYSDOH or County DOH;

- requires compliance with the Department approved Site Management Plan; and

- requires the remedial party or site owner to complete and submit to the Department a periodic certification of institutional and engineering controls in accordance with Part 375-1.8 (h)(3.)

4. A Site Management Plan is required, which includes, but not limited to, the following:

a. an Institutional and Engineering Control Plan that identifies all use restrictions for the site noted above and details the steps necessary to ensure the following controls remain in place and effective;

- an Excavation Plan which details the provisions for management of future excavations in areas of remaining contamination;

- provisions for the management and inspection of the identified engineering controls;

- maintaining site access controls and Department notification; and

- the steps necessary for the periodic reviews and certification of the institutional and/or engineering controls.

b. a Monitoring Plan to assess the performance and effectiveness of the remedy. The plan includes, but may not be limited to:

- monitoring the performance and effectiveness of the site cover;
- monitoring of groundwater to assess the performance and effectiveness of the remedy; and
- a schedule of monitoring and frequency of submittals to the Department;

**Declaration**

The remedy conforms with promulgated standards and criteria that are directly applicable, or that are relevant and appropriate and takes into consideration Department guidance, as appropriate. The remedy is protective of public health and the environment.

Michael J Cruden

Digitally signed by Michael J Cruden
DN: cn=Michael J Cruden, o=DER, ou=RBE, email=mjcruden@gw.dec.state.ny.us, c=US
Date: 2016.03.02 13:06:14 -05'00'

Date

Michael Cruden, Director
Remedial Bureau E

# DECISION DOCUMENT

Site III-3 Tecumseh Phase III Business Park
Lackawanna, Erie County
Site No. C915199C
March 2016

## SECTION 1: SUMMARY AND PURPOSE

The New York State Department of Environmental Conservation (the Department), in consultation with the New York State Department of Health (NYSDOH), has selected a remedy for the above referenced site. The disposal of contaminants at the site has resulted in threats to public health and the environment that would be addressed by the remedy. The disposal or release of contaminants at this site, as more fully described in this document, has contaminated various environmental media. Contaminants include hazardous waste and/or petroleum.

The New York State Brownfield Cleanup Program (BCP) is a voluntary program. The goal of the BCP is to enhance private-sector cleanups of brownfields and to reduce development pressure on "greenfields." A brownfield site is real property, the redevelopment or reuse of which may be complicated by the presence or potential presence of a contaminant.

The Department has issued this document in accordance with the requirements of New York State Environmental Conservation Law and 6 NYCRR Part 375. This document is a summary of the information that can be found in the site-related reports and documents.

## SECTION 2: CITIZEN PARTICIPATION

The Department seeks input from the community on all remedies. A public comment period was held, during which the public was encouraged to submit comment on the proposed remedy. All comments on the remedy received during the comment period were considered by the Department in selecting a remedy for the site. Site-related reports and documents were made available for review by the public at the following document repositories:

Lackawanna Public Library
Attn: Jennifer Hoffman
560 Ridge Road
Lackawanna, NY 14218
Phone: 716-823-0630

NYS DEC
Attn: Maurice Moore
270 Michigan Ave.
Buffalo, NY 14203

Phone: 716-851-7220

**Receive Site Citizen Participation Information By Email**

Please note that the Department's Division of Environmental Remediation (DER) is "going paperless" relative to citizen participation information. The ultimate goal is to distribute citizen participation information about contaminated sites electronically by way of county email listservs. Information will be distributed for all sites that are being investigated and cleaned up in a particular county under the State Superfund Program, Environmental Restoration Program, Brownfield Cleanup Program, Voluntary Cleanup Program, and Resource Conservation and Recovery Act Program. We encourage the public to sign up for one or more county listservs at http://www.dec.ny.gov/chemical/61092.html

## SECTION 3: SITE DESCRIPTION AND HISTORY

Location:
Tecumseh Phase III-3 site (Site) is one of 10 sub-parcels comprising the Tecumseh Phase III Business Park (Phase III). Phase III is located at 2303 Hamburg Turnpike in the City of Lackawanna, New York. Situated in an industrial area, Phase III is part a larger property that once included the Bethlehem Steel Company (BSC) and is identified on the Erie County Tax maps as SBL 141.11-1.111. Phase III is located west of Route 5 and the Tecumseh Phase II Business Park, to the south of Gateway Metroport and east of the remaining Former Bethlehem Steel property and Lake Erie.

Site Features:
Located in the southern portion of Phase III the Site is a 9.18 acre, irregularly shaped, sub-parcel located to the north of sub-parcel Phase III-2. Approximately one third of the site is a rectangular area identified with signs warning of the presence of Asbestos Containing Material (ACM).

The parcel is flat, covered with slag fill. Most of the business park is vegetated with natural grasses, shrubs and poplar trees typical of a primary shrub-young forest ecosystem. Also typical are remnants of former steel manufacturing buildings and foundations. The entire BSC site is fenced with vehicle access limited to one automatic gate.

Current Zoning and Land Use:
The Site is zoned medium industrial. Surrounding uses specific to the site include: adjacent and to the south and west is a lumber transfer facility, further south is metals recycling facility further to the west is vacant land that was mined for slag, and to the north is Smokes Creek and sub-parcel Phase III-4.

Past Use of the Site:
Phase III was formerly a portion of BSC’s steelmaking operations. Specific steel making facilities on or proximate to the Site that contributed to soil impacts included:

- Rail corridor and roadway
- Soaking Pit Building

Future use anticipates commercial or industrial re-use.

Site Geology and Hydrology:
The entire Phase III is filled with between two to eight feet of steel and iron-making slag as well as other fill material being used for backfill. Underlying the fill material are lacustrine silts and clays. At the site native material is encountered from about 12 to 14 feet below ground surface.

Bedrock is Middle Devonian, Levanna shale and Stafford limestone of the Hamilton Group within the Skaneateles Formation. Bedrock varies from about 24 feet deep in the southeastern corner of the site to 45 feet deep near the northern border of the site.

Due to the porous nature of the slag/soil fill there is very little storm water retention or surface runoff, as most of the precipitation seeps into the highly permeable slag/soil fill. Any surface waters would tend to flow toward Smokes Creek which empties to the west into Lake Erie.

Groundwater when encountered is about 7 feet deep trending northerly and westerly toward Lake Erie.

A site location map is attached as Figure 1.

## SECTION 4: LAND USE AND PHYSICAL SETTING

The Department may consider the current, intended, and reasonably anticipated future land use of the site and its surroundings when evaluating a remedy for soil remediation. For this site, alternatives (or an alternative) that restrict(s) the use of the site to commercial use (which allows for industrial use) as described in Part 375-1.8(g) were/was evaluated in addition to an alternative which would allow for unrestricted use of the site.

A comparison of the results of the Remedial Investigation (RI) to the appropriate standards, criteria and guidance values (SCGs) for the identified land use and the unrestricted use SCGs for the site contaminants is available in the RI Report.

## SECTION 5: ENFORCEMENT STATUS

The Applicant under the Brownfield Cleanup Agreement is a Volunteer. The Applicant does not have an obligation to address off-site contamination. However, the Department has determined that this site does not pose a significant threat to public health or the environment; accordingly, no enforcement actions are necessary.

## SECTION 6: SITE CONTAMINATION

### 6.1: Summary of the Remedial Investigation

A remedial investigation (RI) serves as the mechanism for collecting data to:

- characterize site conditions;
- determine the nature of the contamination; and
- assess risk to human health and the environment.

The RI is intended to identify the nature (or type) of contamination which may be present at a site and the extent of that contamination in the environment on the site, or leaving the site. The RI reports on data gathered to determine if the soil, groundwater, soil vapor, indoor air, surface water or sediments may have been contaminated. Monitoring wells are installed to assess groundwater and soil borings or test pits are installed to sample soil and/or waste(s) identified. If other natural resources are present, such as surface water bodies or wetlands, the water and sediment may be sampled as well. Based on the presence of contaminants in soil and groundwater, soil vapor will also be sampled for the presence of contamination. Data collected in the RI influence the development of remedial alternatives. The RI report is available for review in the site document repository and the results are summarized in section 6.3.

The analytical data collected on this site includes data for:

- groundwater
- soil

### 6.1.1: Standards, Criteria, and Guidance (SCGs)

The remedy must conform to promulgated standards and criteria that are directly applicable or that are relevant and appropriate. The selection of a remedy must also take into consideration guidance, as appropriate. Standards, Criteria and Guidance are hereafter called SCGs.

To determine whether the contaminants identified in various media are present at levels of concern, the data from the RI were compared to media-specific SCGs. The Department has developed SCGs for groundwater, surface water, sediments, and soil. The NYSDOH has developed SCGs for drinking water and soil vapor intrusion. For a full listing of all SCGs see: http://www.dec.ny.gov/regulations/61794.html

### 6.1.2: RI Results

The data have identified contaminants of concern. A "contaminant of concern" is a contaminant that is sufficiently present in frequency and concentration in the environment to require evaluation for remedial action. Not all contaminants identified on the property are contaminants of concern. The nature and extent of contamination and environmental media requiring action are summarized below. Additionally, the RI Report contains a full discussion of the data. The contaminant(s) of concern identified at this site is/are:

benzo(a)anthracene
benzo(a)pyrene
benzo(b)fluoranthene
indeno(1,2,3-CD)pyrene
cadmium
arsenic
lead
dibenz[a,h]anthracene
asbestos

The contaminant(s) of concern exceed the applicable SCGs for:

- groundwater
- soil

## 6.2: Interim Remedial Measures

An interim remedial measure (IRM) is conducted at a site when a source of contamination or exposure pathway can be effectively addressed before issuance of the Decision Document.

There were no IRMs performed at this site during the RI.

## 6.3: Summary of Environmental Assessment

This section summarizes the assessment of existing and potential future environmental impacts presented by the site. Environmental impacts may include existing and potential future exposure pathways to fish and wildlife receptors, wetlands, groundwater resources, and surface water. The RI report presents a detailed discussion of any existing and potential impacts from the site to fish and wildlife receptors.

Nature and Extent of Contamination:

Prior to Remediation:

Based upon investigations conducted to date, the primary contaminants of concern for soils at the Tecumseh Phase III-3 site are metals, such as arsenic, cadmium and lead and asbestos. Contaminants of concern to a lesser extent are semi-volatile organic compounds (SVOCs) including polycyclic aromatic hydrocarbons, such as benzo(a)pyrene, benzo(a)anthracene, benzo(b)fluoranthene, dibenzo(a,h)anthracene and indeno(1,2,3-cd)pyrene.

Metals contamination is consistent with the former site use as a steel manufacturing facility. Widespread exceedances of unrestricted use site cleanup objectives (SCOs) are common in the soil and fill. When compared to the unrestricted SCOs of 13 ppm arsenic, ranging from 22.1 ppm to 57.8 ppm exceeds SCOs in 5 of 5 of the samples and when compared to the commercial SCO of 16 ppm also exceeds in 5 of 5 samples. Cadmium from 1.2 ppm to 20.8 ppm exceeds the unrestricted SCO of 2.5 ppm in 3 of 5 samples but exceeds the commercial SCO of 9.3 in only one sample. Lead, from 114 ppm to 1,200 ppm, exceeds unrestricted SCOs (63 ppm) in 5 of 5 samples but when compared to commercial SCOs (1,000 ppm) only one sample exceeded the SCO.

Historic disposal of asbestos containing material (ACM) has been documented in a portion of the Site. It is reputed that the ACM was disposed in a 15 feet wide by 16 feet deep ingot buggy tunnel under the slab of the soaking pit building however, surface sampling and test pit excavations failed to show widespread disposal.

SVOCs, like metals, are ubiquitous throughout the Phase III Business Park. Most of the contaminants are polyaromatic hydrocarbons (PAHs) associated with activities that include, burning of fossil fuels and heavy rail use, both of which were common at the former steel mill.

At the site SVOCs exceed both the unrestricted SCOs and commercial SCOs. When compared to unrestricted SCOs benzo(a)pyrene ranging from 1.4 to 15 ppm, benzo(a)anthracene from 1.2J ppm to 21 ppm and benzo(b)fluoranthene from 1.4 ppm to 20 ppm all exceed the SCOs of 1 ppm in 5 of 5 samples. Indeno(1,2,3-cd)pyrene, with a SCO of 0.5 ppm ranging from 0.93 ppm to 7.9 ppm exceeds the SCOs in 5 of 5 samples and dibenzo(a,h)anthracene ranging from not detected to 3.1 ppm exceeded the SCO of 0.33 ppm in 3 of 5 samples.

When compared to the commercial use SCOs only benzo(a)pyrene (1 ppm) exceeded the same number of samples as unrestricted use with 5 of 5 samples exceeding. Benzo(a)anthracene (5.6 ppm) and benzo(b)fluoranthene (5.6 ppm) exceeded SCOs in 2 of 5 samples. Indeno(1,2,3-cd)pyrene with an SCO of 5.6 ppm and dibenzo(a,h)anthracene with an SCO of 0.56 exceeded SCOs in only 1 of 5 samples

No samples detected any volatile organic compounds (VOCs.)

Groundwater was sampled at two downgradient monitoring wells and pH at 9.9 units and 9.41 units exceeded the groundwater quality standard (GwQS) from 6.5 to 8.5 units. High pH groundwater is common in areas where large quantities of limestone or slag were used, stored or produced. Arsenic at 0.0334 ppb exceeded the GwQS of 0.025 ppb but soluble arsenic at 0.0208 ppb is below the GwQS. SVOCs including naphthalene at 34 ppb, (10 ppb) and chrysene at 0.33J (0.002) both exceed the GwQS, however, groundwater is not used and is deed restricted from use for either potable or non-potable purposes without treatment. The site does not pose a significant threat to the closest surface water (i.e., Smokes Creek.)

## 6.4: Summary of Human Exposure Pathways

This human exposure assessment identifies ways in which people may be exposed to site-related contaminants. Chemicals can enter the body through three major pathways (breathing, touching or swallowing). This is referred to as *exposure.*

The site is completely fenced, which restricts public access. However, persons who enter the site could contact contaminants in the soil by walking on the site, digging or otherwise disturbing the soil. A groundwater use restriction is in place for the site and therefore, people are not coming into contact with the contaminated groundwater. In addition, people are not drinking the contaminated groundwater as the area is served by a public water supply that is not affected by this contamination.

## 6.5: Summary of the Remediation Objectives

The objectives for the remedial program have been established through the remedy selection process stated in 6 NYCRR Part 375. The goal for the remedial program is to restore the site to pre-disposal conditions to the extent feasible. At a minimum, the remedy shall eliminate or

mitigate all significant threats to public health and the environment presented by the contamination identified at the site through the proper application of scientific and engineering principles.

The remedial action objectives for this site are:

**Groundwater**

**RAOs for Public Health Protection**

- Prevent ingestion of groundwater with contaminant levels exceeding drinking water standards.

**Soil**

**RAOs for Public Health Protection**

- Prevent ingestion/direct contact with contaminated soil.

**RAOs for Environmental Protection**

- Prevent impacts to biota from ingestion/direct contact with soil causing toxicity or impacts from bioaccumulation through the terrestrial food chain.

## SECTION 7: ELEMENTS OF THE SELECTED REMEDY

The alternatives developed for the site and the evaluation of the remedial criteria are presented in the Alternative Analysis. The remedy is selected pursuant to the remedy selection criteria set forth in DER-10, Technical Guidance for Site Investigation and Remediation and 6 NYCRR Part 375.

The selected remedy is a Track 4: Restricted use with site-specific soil cleanup objectives remedy.

The selected remedy is referred to as the Tecumseh Phase III-3 remedy.

The elements of the selected remedy, as shown in Figure 2, are as follows:

1. A remedial design program will be implemented to provide the details necessary for the construction, operation, maintenance, and monitoring of the remedial program. Green remediation principals and techniques will be implemented to the extent feasible in the design, implementation, and site management of the remedy as per DER-31. The major green remediation components are as follows;

- Considering the environmental impacts of treatment technologies and remedy stewardship over the long term;

- Reducing direct and indirect greenhouse gas and other emissions;

- Increasing energy efficiency and minimizing use of non-renewable energy;

- Conserving and efficiently managing resources and materials;

- Reducing waste, increasing recycling and increasing reuse of materials which would otherwise be considered a waste.

2. A site cover will be required to allow for commercial use of the site. The cover will consist either of the structures such as buildings, pavement, sidewalks comprising the site development or other approved cover in areas where the upper one foot of exposed surface soil will exceed the applicable soil cleanup objectives (SCOs). Where cover is required it will be a minimum of one foot thick, meeting the SCOs for cover material as set forth in 6 NYCRR Part 375-6.7(d) for commercial use. The cover will be placed over a demarcation layer, with the upper six inches of the soil of sufficient quality to maintain a vegetation layer. Any fill material brought to the site will meet the requirements for the identified site use as set forth in 6 NYCRR Part 375-6.7(d).

An additional requirement for site cover is necessary over an approximately 585 feet by 160 feet area demarcated as containing ACM. The area specific cover will consist of a non-vegetated cover (per 6NYCRR Part 375 and 40 CFR 61.151), consisting of an additional one foot of approved cover meeting the SCOs for cover material as set forth in 6 NYCRR Part 375-6.7(d) for commercial use. The entire area will be enclosed with a 6 feet high chain link fence with a locking double-access gate and identification/warning signs.

3. Imposition of an institutional control in the form of an environmental easement is required for the controlled property that:

- allows for restricted use of the ACM containing area and prohibits future occupied development within that area;

- allows the use and development of the remaining controlled property for commercial and industrial uses as defined by Part 375-1.8(g), although land use is subject to local zoning laws;

- restricts the use of groundwater as a source of potable or process water, without necessary water quality treatment as determined by the NYSDOH or County DOH;

- requires compliance with the Department approved Site Management Plan; and

- requires the remedial party or site owner to complete and submit to the Department a periodic certification of institutional and engineering controls in accordance with Part 375-1.8 (h)(3.)

4. A Site Management Plan is required, which includes, but not limited to, the following:

a. an Institutional and Engineering Control Plan that identifies all use restrictions for the site noted above and details the steps necessary to ensure the following controls remain in place and effective;

- an Excavation Plan which details the provisions for management of future excavations in areas of remaining contamination;

- provisions for the management and inspection of the identified engineering controls;

- maintaining site access controls and Department notification; and

- the steps necessary for the periodic reviews and certification of the institutional and/or engineering controls.

b. a Monitoring Plan to assess the performance and effectiveness of the remedy. The plan includes, but may not be limited to:

- monitoring the performance and effectiveness of the site cover;
- monitoring of groundwater to assess the performance and effectiveness of the remedy; and
- a schedule of monitoring and frequency of submittals to the Department;

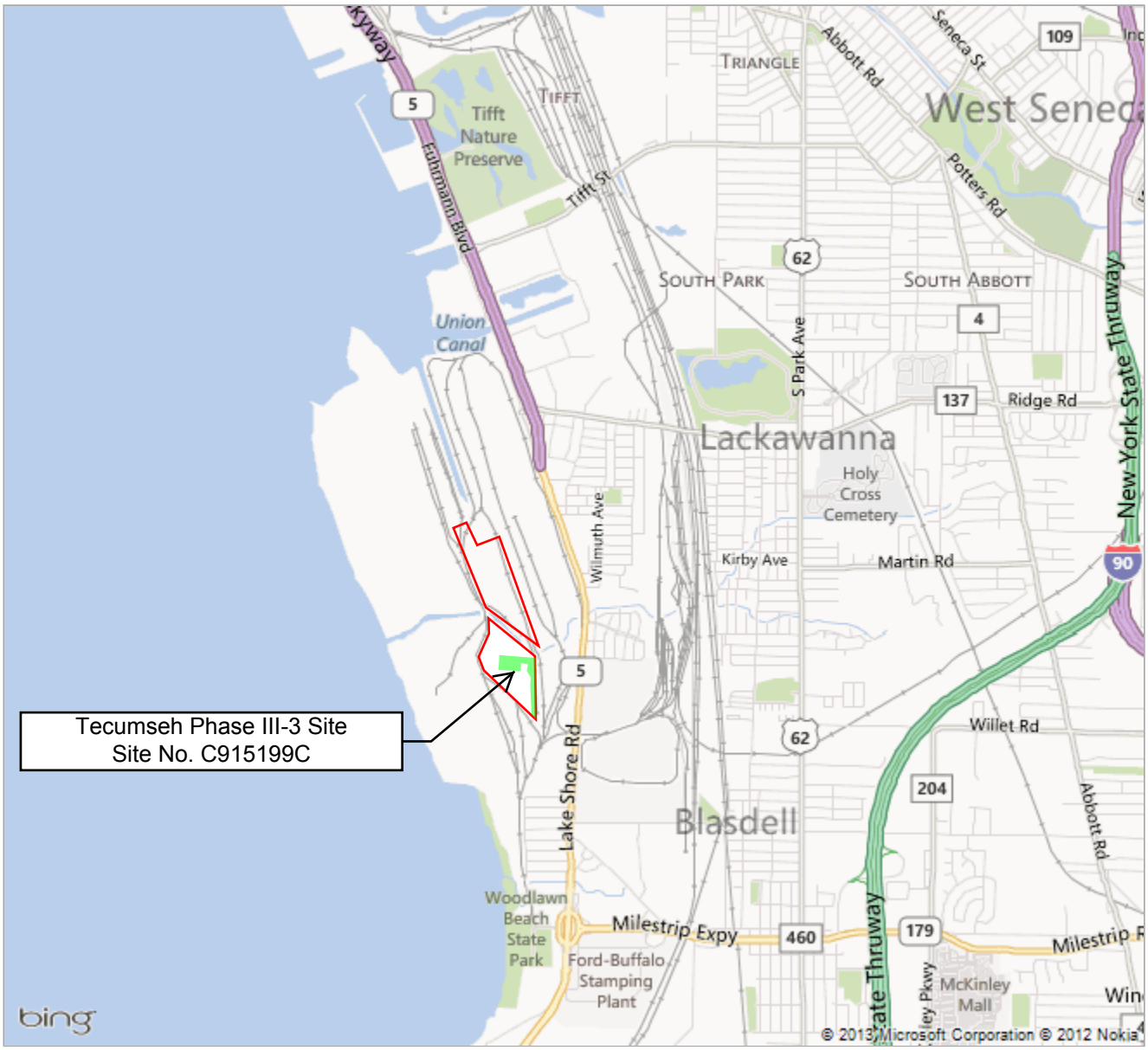
bing Maps

FIGURE 1

Site Location
Tecumseh Phase III Business Park

Phase III-3 Site
Site No. C915199C



# FIGURE 2
# ELEMENTS OF THE REMEDY
# TECUMSEH PHASE III-3 SITE
# SITE #C915199C

Approximate area of Suspected Asbestos Containing material (ACM)

III-1
BCP SITE □□-C915199
(± 15.03 ACRES)

III-□
BCP SITE □□ C915199□
(± 9.18 ACRES)
SWMU P-28, 29

III-4
BCP SITE □□ C915199D
(± 16.12 ACRES)

III-6
BCP SITE □□ C915199□
(± 10.89 ACRES)

III-□
BCP SITE □□ C915199□
(± 39.23 ACRES)

III-□
BCP SITE □□ C915199□
(± 5.92 ACRES)

III-9
BCP SITE □□ C915199I
(± 13.97 ACRES)

III-1
BCP SITE □□ C915199□
(± 17.24 ACRES)

III-5
BCP SITE □□ C915199E
(± 11.69 ACRES)

SWMU P-30, 31, 32
BCP SITE □□ C915199B
(± 10.92 ACRES)

SMOKES CREEK

SOUTH RETURN WATER TRENCH

LEGEND:

**One foot cover meeting SCOs for cover material as set forth in 6 NYCRR Part 375-6.7(d)**
**Two foot of cover over as set forth in 6 NYCRR Part 375-6.7(d) over area of "suspected ACM"**

N

1" 0' 0' 1" 0' 3" 0'
SCALE: 1 INCH = 1" 0 FEET
SCALE IN FEET
(approximate)


TURNKEY ENVIRONMENTAL RESTORATION, LLC
2558 HAMBURG TURNPIKE
SUITE 300
BUFFALO, NY 14218
(716) 856-0635


JOB NO.: 00-1-009-320

REVISIONS

| NO. | BY | DATE | REMARKS |
|---|---|---|---|

SEAL

DRAWN BY: BCH
DATE: DECEMBER 2011
CHECKED BY:
APPROVED BY:


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ELEMENTS OF THE REMEDY
REMEDIAL INVESTIGATION / ALTERNATIVES ANALYSIS REPORT
PHASE III - 3 BUSINESS PARK AREA
LACKAWANNA, NEW YORK
PREPARED FOR
TECUMSEH REDEVELOPMENT INC.

FIGURE 2

BENCHMARK
ENVIRONMENTAL
ENGINEERING &
SCIENCE, PLLC

September 14, 2016

Mr. Maurice F. Moore
Engineering Geologist 1
New York State Department of Environmental Conservation
Division of Environmental Remediation
270 Michigan Avenue
Buffalo, New York 14203-2915

Re: Request to Import Soils for Cover System
Sites III-3 and III-4, Lackawanna, New York

Dear Mr. Moore:

Benchmark Environmental Engineering & Science, PLLC (Benchmark) has prepared this correspondence to request permission to import 3,500 cubic yards (CY) of bio-remediated sand from the Tonawanda Terminals Corporation (TTC) Bio-treatment Facility (BTF) located at 4635 River Road in Tonawanda, New York for use as cover material.

In accordance with the August 2015 Remedial Action Work Plan (RAWP) for the Steel Sun 2 Site, approximately 2,700 CY would be placed around the Electrical Stores building on BCP Site III-4 (see Figure 3) and the remaining 800 CY would be placed on BCP Site III-3 between the paved road and Smokes Creek (see Figure 2). Attachment 1 contains the NYSDEC's *Request to Import/Reuse Fill or Soil* form along with the NYSDEC Part 360 Permit, analytical data packages, and summary of post-treatment analytical data for the TTC sand.

Please contact us if you have any questions or require additional information.

Sincerely,
Benchmark Environmental Engineering & Science, PLLC

Lori E. Riker, P.E.
Project Manager

Thomas H. Forbes, P.E.
Principal Engineer

Att.

File: B0351-016-003
B0261-016-001



2558 Hamburg Turnpike, Suite 300 | Buffalo, NY 14218
phone: (716) 856-0599 | fax: (716) 856-0583

# FIGURES

F:\TurnKey\Contracts\SUBCONTRACT AGREEMENTS\ZoladzZoladz TO 37 - Steel Sun 2\CAD\Figure 2; Site III-3 (BCP Site No.C915199C) Remedial Cover System Approach.dwg

LEGEND:

- BUSINESS PARK BOUNDARY
- EXISTING BUILDING / STRUCTURE
- RAILROAD TRACK
- 1' BUD-APPROVED SLAG COVER OVER DEMARCATION LAYER
- 2' BUD-APPROVED SLAG COVER OVER DEMARCATION LAYER
- 1' APPROVED SOIL COVER OVER DEMARCATION LAYER (SEEDED)

N

200 0' 200 400

SCALE: 1 INCH = 200 FEET
SCALE IN FEET
(approximate)

APPLY 2' OF COVER OVER AREA OF SUSPECTED BURIED ACM SLOPE TO SURROUNDING GRADE AT 1v:20h

SITE III-3
"A" PARCEL
C915199C (± 3.9 ACRES)

FOUNDATION REMAINS

PAVED ROADWAY

KEY IN COVER AT EDGE OF ROADWAY

SITE III-3
"B" PARCEL
C915199C (± 6.5 ACRES)

KEY IN COVER AT EDGE OF ROADWAY AND RAILROAD TRACKS

DEPARTMENT

ELECTRICAL

AUTO PARKING

FULL OF TRACKS

EAST HARBOR LEAD

SMOKES CREEK

SOUTH RETURN W

STEEL PILING

DATE: AUGUST 2016
DRAFTED BY: RFL

2558 HAMBURG TURNPIKE
SUITE 300
BUFFALO, NY 14218
(716) 856-0635

TURNKEY ENVIRONMENTAL RESTORATION, LLC

JOB NO.: 0351-015-002

# SITE III-3 (BCP SITE NO. C915199C)
# REMEDIAL COVER SYSTEM APPROACH

REMEDIAL ACTION WORK PLAN

STEEL SUN 2

LACKAWANNA, NEW YORK

PREPARED FOR
STEEL SUN 2, LLC

**FIGURE 2**

F:\TurnKey\Contracts\SUBCONTRACT AGREEMENTS\ZoladzZoladz TO 37 - Steel Sun 2\CAD\Figure 3; Site III-4 (BCP Site No.C915199D) Remedial Cover System Approach.dwg

LEGEND:

- BUSINESS PARK BOUNDARY
- EXISTING BUILDING / STRUCTURE
- RAILROAD TRACK
- EXISTING ASPHALT PAVEMENT
- 1' BUD-APPROVED SLAG COVER OVER DEMARCATION LAYER
- 1' APPROVED SOIL COVER OVER DEMARCATION LAYER (SEEDED)

KEY IN SOIL & SLAG COVER AT RAILROAD TRACKS

SITE III-4
"A" PARCEL
C915199D
(± 4.6 ACRES)

EXISTING BUILDING AREA TO BE USED FOR OTHER COMMERCIAL INDUSTRIAL REDEVELOPMENT

SITE III-4
"B" PARCEL
C915199D
(± 11.6 ACRES)

KEY IN SOIL & SLAG COVER AT ROAD

APPLY LARGER (4") BUD APPROVED SLAG IN TRENCH

FILL IN TRENCH WITH FILL SOIL FROM ON-SITE CUTS

PLANNED STEEL SUN 2 DEVELOPMENT AREA

HIGHWAY

SMOKES CREEK

AUTO PARKING

WATER TRENCH

N.G. TRACK BRIDGE

STEEL PILING

N

200 0' 200 400

SCALE: 1 INCH = 200 FEET
SCALE IN FEET
(approximate)

DATE: AUGUST 2016
DRAFTED BY: RFL


2558 HAMBURG TURNPIKE
SUITE 300
BUFFALO, NY 14218
(716) 856-0635

TURNKEY ENVIRONMENTAL RESTORATION, LLC


JOB NO.: 0351-015-002

# SITE III-4 (BCP SITE NO. C915199D) REMEDIAL COVER SYSTEM APPROACH

REMEDIAL ACTION WORK PLAN

STEEL SUN 2

LACKAWANNA, NEW YORK

PREPARED FOR
STEEL SUN 2, LLC

**FIGURE 3**

# ATTACHMENT 1

## REQUEST TO IMPORT/REUSE FILL OR SOIL
## AND
## SUPPORTING DOCUMENTATION FOR TTC SAND

BENCHMARK

**NEW YORK STATE**
**DEPARTMENT OF ENVIRONMENTAL CONSERVATION**

***Request to Import/Reuse Fill or Soil***

*This form is based on the information required by DER-10, Section 5.4(e). Use of this form is not a substitute for reading the applicable Technical Guidance document.*

## SECTION 1 – SITE BACKGROUND

The allowable site use is: Commercial or Industrial Use

Have Ecological Resources been identified? no

Is this soil originating from the site? no

How many cubic yards of soil will be imported/reused? >1000

If greater than 1000 cubic yards will be imported, enter volume to be imported: 3,500

## SECTION 2 – MATERIAL OTHER THAN SOIL

Is the material to be imported gravel, rock or stone? no

Does it contain less than 10%, by weight, material that would pass a size 80 sieve? no

Is this virgin material from a permitted mine or quarry? no

Is this material recycled concrete or brick from a DEC registered processing facility? no

## SECTION 3 - SAMPLING

Provide a brief description of the number and type of samples collected in the space below:

On 3/27/13 and 3/29/13, five post-treatment composite samples were collected and analyzed for total metals.

On 3/27/13, nine post-treatment discrete samples were collected and analyzed for VOCs.

In addition, eight discrete pre-treatment samples were analyzed for VOCs, SVOCs, RCRA metals, PCBs, pesticides, and herbicides; and 10 pre-treatment composite samples were analyzed for RCRA metals. All results were below Part 375 commercial SCOs.

---

*Example Text: 5 discrete samples were collected and analyzed for VOCs. 2 composite samples were collected and analyzed for SVOCs, Inorganics & PCBs/Pesticides.*

*If the material meets requirements of DER-10 section 5.5 (other material), no chemical testing needed.*

## SECTION 3 CONT'D - SAMPLING

Provide a brief written summary of the sampling results or attach evaluation tables (compare to DER-10, Appendix 5):

Table 1-1 summarizes the analytical results with a comparison to DER-10 Appendix 5, Allowable Constituent Levels for Imported Fill or Soil, Subdivision 5.4(e).

---

*Example Text: Arsenic was detected up to 17 ppm in 1 (of 5) samples; the allowable level is 16 ppm.*

*If Ecological Resources have been identified use the "If Ecological Resources are Present" column in Appendix 5.*

## SECTION 4 – SOURCE OF FILL

Name of person providing fill and relationship to the source:

Mr. Timothy Boyle, Tonawanda Terminals Corp.

Location where fill was obtained:

Tonawanda Terminals Biotreatment Facility #15Z11

Identification of any state or local approvals as a fill source:

NYSDEC Permit No. 9-1464-00002/00005

If no approvals are available, provide a brief history of the use of the property that is the fill source:

Provide a list of supporting documentation included with this request:

NYSDEC Permit
Analytical Data Packages

The information provided on this form is accurate and complete.

Lori E. Riker, P.E. Digitally signed by Lori E. Riker, P.E. Date: 2016.09.14 08:45:44 -04'00' — 09/14/16

Signature — Date

Lori E. Riker, P.E.

Print Name

Benchmark Environmental Engineering & Science, PLLC

Firm

**TABLE 1-1**

**SUMMARY OF POST-TREATMENT ANALYTICAL RESULTS**
**TONAWANDA TERMINALS BIOTREATMENT FACILITY**

**SOURCE: MAIN & HIGH STREET SITE, BUFFALO, NY**
**MATERIAL: SAND**

| Parameter[1] | Unrestricted Use SCOs[2] | Sample Location and Collection Date | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 3/27/2013 | | | | | | 3/29/2013 | | | 3/27/2013 | | | | |
| | | Grab 1 | Grab 2 | Grab 3 | Grab 4 | Grab 5 | Grab 6 | Grab 7 | Grab 8 | Grab 9 | Grab 1+2 | Grab 3+4 | Grab 5+6 | Grab 2+3 | Grab 1+6 |
| ***Volatile Organic Compounds (VOCs) - mg/kg*** [3] | | | | | | | | | | | | | | | |
| 1,2,4-Trimethylbenzene | **3.6** | ND | 0.32 | ND | 0.0042 J | 0.0016 J | 0.00079 J | 0.31 | 0.35 | ND | -- | -- | -- | -- | -- |
| 1,3,5-Trimethylbenzene | **8.4** | ND | 0.077 | ND | 0.0012 J | 0.0016 J | 0.00094 J | 0.081 | 0.099 | 0.0012 J | -- | -- | -- | -- | -- |
| Naphthalene | **12** | 0.0023 J | 0.34 | 0.0012 J | 0.019 | 0.0042 J | 0.00094 J | 0.32 | 0.25 | ND | -- | -- | -- | -- | -- |
| n-Butylbenzene | **12** | ND | 0.018 | ND | ND | ND | ND | ND | ND | ND | -- | -- | -- | -- | -- |
| n-Propylbenzene | **3.9** | ND | 0.0038 | ND | ND | ND | ND | ND | ND | ND | -- | -- | -- | -- | -- |
| Toluene | **0.7** | ND | 0.0021 J | ND | ND | ND | ND | ND | ND | ND | -- | -- | -- | -- | -- |
| Total Xylene | **0.26** | ND | 0.049 | ND | ND | 0.00163 J | ND | 0.04 | 0.056 | ND | -- | -- | -- | -- | -- |
| ***Total Metals - mg/kg*** | | | | | | | | | | | | | | | |
| Aluminum | **--** | -- | -- | -- | -- | -- | -- | -- | -- | -- | 2800 | 5700 | 3100 | 2700 | 3000 |
| Antimony | **--** | -- | -- | -- | -- | -- | -- | -- | -- | -- | 0.74 J | 0.84 J | 0.51 J | 0.48 J | 0.46 J |
| Arsenic | **13** | -- | -- | -- | -- | -- | -- | -- | -- | -- | 1.2 | 2.1 | 1.4 | 1.3 | 1.3 |
| Barium | **350** | -- | -- | -- | -- | -- | -- | -- | -- | -- | 14 | 30 | 18 | 12 | 17 |
| Beryllium | **7.2** | -- | -- | -- | -- | -- | -- | -- | -- | -- | 0.15 J | 0.22 | 0.13 J | 0.11 J | 0.15 J |
| Cadmium | **2.5** | -- | -- | -- | -- | -- | -- | -- | -- | -- | 0.23 J | 0.12 J | 0.14 J | 0.14 J | 0.16 J |
| Calcium | **--** | -- | -- | -- | -- | -- | -- | -- | -- | -- | 64000 | 48000 | 51000 | 51000 | 57000 |
| Chromium | **30** | -- | -- | -- | -- | -- | -- | -- | -- | -- | 4 | 7 | 4.7 | 4.1 | 4.2 |
| Cobalt | **--** | -- | -- | -- | -- | -- | -- | -- | -- | -- | 1.9 | 3.5 | 2.2 | 1.9 | 2 |
| Copper | **50** | -- | -- | -- | -- | -- | -- | -- | -- | -- | 6.9 | 9.6 | 8.2 | 7.3 | 7.8 |
| Iron | **--** | -- | -- | -- | -- | -- | -- | -- | -- | -- | 5700 | 9000 | 6200 | 5800 | 5700 |
| Lead | **63** | -- | -- | -- | -- | -- | -- | -- | -- | -- | 6.2 | 6.8 | 7.4 | 6.8 | 6.8 |
| Magnesium | **--** | -- | -- | -- | -- | -- | -- | -- | -- | -- | 20000 | 18000 | 20000 | 2000 | 20000 |
| Manganese | **1600** | -- | -- | -- | -- | -- | -- | -- | -- | -- | 200 | 240 | 230 | 210 | 230 |
| Nickel | **30** | -- | -- | -- | -- | -- | -- | -- | -- | -- | 3.7 | 7.7 | 4.2 | 3.8 | 4.2 |
| Potassium | **--** | -- | -- | -- | -- | -- | -- | -- | -- | -- | 650 | 1100 | 600 | 570 | 590 |
| Selenium | **3.9** | -- | -- | -- | -- | -- | -- | -- | -- | -- | 0.21 J | 0.29 J | 0.29 J | 0.15 J | 0.23 J |
| Sodium | **--** | -- | -- | -- | -- | -- | -- | -- | -- | -- | 330 | 450 | 370 | 290 | 400 |
| Thallium | **--** | -- | -- | -- | -- | -- | -- | -- | -- | -- | 0.54 J | 0.96 | 0.76 J | 0.81 J | 0.76 J |
| Vanadium | **--** | -- | -- | -- | -- | -- | -- | -- | -- | -- | 8.5 | 12 | 9.5 | 8.8 | 8.3 |
| Zinc | **109** | -- | -- | -- | -- | -- | -- | -- | -- | -- | 68 | 64 | 68 | 64 | 75 |

**Notes:**
1. Only those parameters detected at a minimum of one sample location are presented in this table; all other compounds were reported as non-detect.
2. Values per NYSDEC Part 375 Soil Cleanup Objectives (May 2010).
3. Sample results were reported by the laboratory in ug/kg and converted to mg/kg for comparison to SCOs; Lab Report #L1305166 dated 03/29/13.

**Definitions:**
ND = Parameter not detected above laboratory detection limit.
"--" = Sample not analyzed for parameter or no SCO available for the parameter.
J = Estimated value; result is less than the sample quantitation limit but greater than zero.

**BOLD** = Result exceeds Part 375 Unrestricted Use SCO.

# ANALYTICAL REPORT

| | |
|---|---|
| Lab Number: | L1305166 |
| Client: | Benchmark & Turnkey Companies<br>2558 Hamburg Turnpike<br>Suite 300<br>Buffalo, NY 14218 |
| ATTN: | Mike Yount |
| Phone: | (716) 856-0599 |
| Project Name: | MAIN + HIGH |
| Project Number: | 0149-013-501 |
| Report Date: | 03/29/13 |

The original project report/data package is held by Alpha Analytical. This report/data package is paginated and should be reproduced only in its entirety. Alpha Analytical holds no responsibility for results and/or data that are not consistent with the original.

Certifications & Approvals: MA (M-MA086), NY (11148), CT (PH-0574), NH (2003), NJ NELAP (MA935), RI (LAO00065), ME (MA00086), PA (68-03671), USDA (Permit #P-330-11-00240), NC (666), TX (T104704476), DOD (L2217), US Army Corps of Engineers.

Eight Walkup Drive, Westborough, MA 01581-1019
508-898-9220 (Fax) 508-898-9193 800-624-9220 - www.alphalab.com

**Project Name:** MAIN + HIGH
**Project Number:** 0149-013-501

**Lab Number:** L1305166
**Report Date:** 03/29/13

| Alpha Sample ID | Client ID | Sample Location | Collection Date/Time |
|---|---|---|---|
| L1305166-01 | GRAB 1 | TTC | 03/27/13 09:23 |
| L1305166-02 | GRAB 2 | TTC | 03/27/13 09:18 |
| L1305166-03 | GRAB 3 | TTC | 03/27/13 09:35 |
| L1305166-04 | GRAB 4 | TTC | 03/27/13 09:13 |
| L1305166-05 | GRAB 5 | TTC | 03/27/13 08:45 |
| L1305166-06 | GRAB 6 | TTC | 03/27/13 09:07 |
| L1305166-07 | GRAB 1+2 | TTC | 03/27/13 09:18 |
| L1305166-08 | GRAB 3+4 | TTC | 03/27/13 09:13 |
| L1305166-09 | GRAB 5+6 | TTC | 03/27/13 08:45 |
| L1305166-10 | GRAB 2+3 | TTC | 03/27/13 09:18 |
| L1305166-11 | GRAB 1+6 | TTC | 03/27/13 09:07 |
| L1305166-12 | COMPOSITE GRAB 1, GRAB 2 | TTC | 03/27/13 09:18 |
| L1305166-13 | COMPOSITE GRAB 3, GRAB 4 | TTC | 03/27/13 09:13 |
| L1305166-14 | COMPOSITE GRAB 5, GRAB 6 | TTC | 03/27/13 08:45 |
| L1305166-15 | COMPOSITE GRAB 2, GRAB 3 | TTC | 03/27/13 09:18 |
| L1305166-16 | COMPOSITE GRAB 1, GRAB 6 | TTC | 03/27/13 09:07 |

**Project Name:** MAIN + HIGH
**Project Number:** 0149-013-501

**Lab Number:** L1305166
**Report Date:** 03/29/13

## Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet all of the requirements of NELAC, for all NELAC accredited parameters. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively. When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. Performance criteria for CAM and RCP methods allow for some LCS compound failures to occur and still be within method compliance. In these instances, the specific failures are not narrated but are noted in the associated QC table. This information is also incorporated in the Data Usability format for our Data Merger tool where it can be reviewed along with any associated usability implications. Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances the specific failure is not narrated but noted in the associated QC table. The information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated usability implications.

Please see the associated ADEx data file for a comparison of laboratory reporting limits that were achieved with the regulatory Numerical Standards requested on the Chain of Custody.

HOLD POLICY
For samples submitted on hold, Alpha's policy is to hold samples free of charge for 30 days from the date the project is completed. After 30 days, we will dispose of all samples submitted including those put on hold unless you have contacted your Client Service Representative and made arrangements for Alpha to continue to hold the samples.

Please contact Client Services at 800-624-9220 with any questions.

| | | | |
|---|---|---|---|
| **Project Name:** | MAIN + HIGH | **Lab Number:** | L1305166 |
| **Project Number:** | 0149-013-501 | **Report Date:** | 03/29/13 |

**Case Narrative (continued)**

Report Submission

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

Volatile Organics

Any reported concentrations that are below 200 ug/kg may be biased low due to the sample not being collected according to 5035-L/5035A-L low-level specifications.

L1305166-01 has elevated detection limits due to the dilution required by the elevated concentrations of non-target compounds in the sample.

Metals

The WG598049-4 MS recoveries for Aluminum (0%), Calcium (0%), Iron (0%), Magnesium (0%) and Manganese (73%), performed on L1305166-07, do not apply because the sample concentrations are greater than four times the spike amount added.

The WG598049-4 MS recovery, performed on L1305166-07, is below the acceptance criteria for Zinc (73%). A post digestion spike was performed with an unacceptable recovery of 74%. This has been attributed to sample matrix.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature: Michelle M. Morris

Title: Technical Director/Representative Date: 03/29/13

# ORGANICS

# VOLATILES

**Project Name:** MAIN + HIGH
**Project Number:** 0149-013-501
**Lab Number:** L1305166
**Report Date:** 03/29/13

## SAMPLE RESULTS

Lab ID: L1305166-01 D
Client ID: GRAB 1
Sample Location: TTC
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 03/28/13 12:34
Analyst: BN
Percent Solids: 89%

Date Collected: 03/27/13 09:23
Date Received: 03/27/13
Field Prep: Not Specified

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **Volatile Organics by GC/MS - Westborough Lab** | | | | | | |
| Benzene | ND | | ug/kg | 2.8 | 0.33 | 2.5 |
| Toluene | ND | | ug/kg | 4.2 | 0.31 | 2.5 |
| Ethylbenzene | ND | | ug/kg | 2.8 | 0.41 | 2.5 |
| Methyl tert butyl ether | ND | | ug/kg | 5.6 | 0.29 | 2.5 |
| p/m-Xylene | ND | | ug/kg | 5.6 | 0.91 | 2.5 |
| o-Xylene | ND | | ug/kg | 5.6 | 0.76 | 2.5 |
| n-Butylbenzene | ND | | ug/kg | 2.8 | 0.56 | 2.5 |
| sec-Butylbenzene | ND | | ug/kg | 2.8 | 0.58 | 2.5 |
| tert-Butylbenzene | ND | | ug/kg | 14 | 1.6 | 2.5 |
| Isopropylbenzene | ND | | ug/kg | 2.8 | 0.47 | 2.5 |
| p-Isopropyltoluene | ND | | ug/kg | 2.8 | 0.54 | 2.5 |
| Naphthalene | 2.3 | J | ug/kg | 14 | 2.2 | 2.5 |
| n-Propylbenzene | ND | | ug/kg | 2.8 | 0.35 | 2.5 |
| 1,3,5-Trimethylbenzene | ND | | ug/kg | 14 | 0.40 | 2.5 |
| 1,2,4-Trimethylbenzene | ND | | ug/kg | 14 | 1.6 | 2.5 |

| Surrogate | % Recovery | Qualifier | Acceptance Criteria |
|---|---|---|---|
| 1,2-Dichloroethane-d4 | 91 | | 70-130 |
| Toluene-d8 | 103 | | 70-130 |
| 4-Bromofluorobenzene | 97 | | 70-130 |
| Dibromofluoromethane | 94 | | 70-130 |

**Project Name:** MAIN + HIGH
**Project Number:** 0149-013-501
**Lab Number:** L1305166
**Report Date:** 03/29/13

## SAMPLE RESULTS

Lab ID: L1305166-02 D
Client ID: GRAB 2
Sample Location: TTC
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 03/28/13 13:02
Analyst: BN
Percent Solids: 94%

Date Collected: 03/27/13 09:18
Date Received: 03/27/13
Field Prep: Not Specified

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **Volatile Organics by GC/MS - Westborough Lab** | | | | | | |
| Benzene | ND | | ug/kg | 2.7 | 0.31 | 2.5 |
| Toluene | 2.1 | J | ug/kg | 4.0 | 0.30 | 2.5 |
| Ethylbenzene | ND | | ug/kg | 2.7 | 0.39 | 2.5 |
| Methyl tert butyl ether | ND | | ug/kg | 5.3 | 0.28 | 2.5 |
| p/m-Xylene | 29 | | ug/kg | 5.3 | 0.86 | 2.5 |
| o-Xylene | 20 | | ug/kg | 5.3 | 0.72 | 2.5 |
| n-Butylbenzene | 18 | | ug/kg | 2.7 | 0.53 | 2.5 |
| sec-Butylbenzene | ND | | ug/kg | 2.7 | 0.55 | 2.5 |
| tert-Butylbenzene | ND | | ug/kg | 13 | 1.5 | 2.5 |
| Isopropylbenzene | ND | | ug/kg | 2.7 | 0.45 | 2.5 |
| p-Isopropyltoluene | ND | | ug/kg | 2.7 | 0.51 | 2.5 |
| Naphthalene | 340 | | ug/kg | 13 | 2.0 | 2.5 |
| n-Propylbenzene | 3.8 | | ug/kg | 2.7 | 0.34 | 2.5 |
| 1,3,5-Trimethylbenzene | 77 | | ug/kg | 13 | 0.38 | 2.5 |
| 1,2,4-Trimethylbenzene | 320 | | ug/kg | 13 | 1.5 | 2.5 |

| Surrogate | % Recovery | Qualifier | Acceptance Criteria |
|---|---|---|---|
| 1,2-Dichloroethane-d4 | 91 | | 70-130 |
| Toluene-d8 | 102 | | 70-130 |
| 4-Bromofluorobenzene | 98 | | 70-130 |
| Dibromofluoromethane | 95 | | 70-130 |

**Project Name:** MAIN + HIGH
**Project Number:** 0149-013-501
**Lab Number:** L1305166
**Report Date:** 03/29/13

## SAMPLE RESULTS

Lab ID: L1305166-03
Client ID: GRAB 3
Sample Location: TTC
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 03/28/13 13:30
Analyst: BN
Percent Solids: 93%

Date Collected: 03/27/13 09:35
Date Received: 03/27/13
Field Prep: Not Specified

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **Volatile Organics by GC/MS - Westborough Lab** | | | | | | |
| Benzene | ND | | ug/kg | 1.1 | 0.13 | 1 |
| Toluene | ND | | ug/kg | 1.6 | 0.12 | 1 |
| Ethylbenzene | ND | | ug/kg | 1.1 | 0.16 | 1 |
| Methyl tert butyl ether | ND | | ug/kg | 2.1 | 0.11 | 1 |
| p/m-Xylene | ND | | ug/kg | 2.1 | 0.34 | 1 |
| o-Xylene | ND | | ug/kg | 2.1 | 0.29 | 1 |
| n-Butylbenzene | ND | | ug/kg | 1.1 | 0.21 | 1 |
| sec-Butylbenzene | ND | | ug/kg | 1.1 | 0.22 | 1 |
| tert-Butylbenzene | ND | | ug/kg | 5.4 | 0.60 | 1 |
| Isopropylbenzene | ND | | ug/kg | 1.1 | 0.18 | 1 |
| p-Isopropyltoluene | ND | | ug/kg | 1.1 | 0.20 | 1 |
| Naphthalene | 1.2 | J | ug/kg | 5.4 | 0.82 | 1 |
| n-Propylbenzene | ND | | ug/kg | 1.1 | 0.13 | 1 |
| 1,3,5-Trimethylbenzene | ND | | ug/kg | 5.4 | 0.15 | 1 |
| 1,2,4-Trimethylbenzene | ND | | ug/kg | 5.4 | 0.61 | 1 |

| Surrogate | % Recovery | Qualifier | Acceptance Criteria |
|---|---|---|---|
| 1,2-Dichloroethane-d4 | 90 | | 70-130 |
| Toluene-d8 | 103 | | 70-130 |
| 4-Bromofluorobenzene | 100 | | 70-130 |
| Dibromofluoromethane | 95 | | 70-130 |

**Project Name:** MAIN + HIGH
**Lab Number:** L1305166
**Project Number:** 0149-013-501
**Report Date:** 03/29/13

## SAMPLE RESULTS

Lab ID: L1305166-04
Client ID: GRAB 4
Sample Location: TTC
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 03/28/13 15:50
Analyst: BN
Percent Solids: 97%

Date Collected: 03/27/13 09:13
Date Received: 03/27/13
Field Prep: Not Specified

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **Volatile Organics by GC/MS - Westborough Lab** | | | | | | |
| Benzene | ND | | ug/kg | 1.0 | 0.12 | 1 |
| Toluene | ND | | ug/kg | 1.6 | 0.12 | 1 |
| Ethylbenzene | ND | | ug/kg | 1.0 | 0.15 | 1 |
| Methyl tert butyl ether | ND | | ug/kg | 2.1 | 0.11 | 1 |
| p/m-Xylene | ND | | ug/kg | 2.1 | 0.33 | 1 |
| o-Xylene | ND | | ug/kg | 2.1 | 0.28 | 1 |
| n-Butylbenzene | ND | | ug/kg | 1.0 | 0.20 | 1 |
| sec-Butylbenzene | ND | | ug/kg | 1.0 | 0.21 | 1 |
| tert-Butylbenzene | ND | | ug/kg | 5.2 | 0.58 | 1 |
| Isopropylbenzene | ND | | ug/kg | 1.0 | 0.17 | 1 |
| p-Isopropyltoluene | ND | | ug/kg | 1.0 | 0.20 | 1 |
| Naphthalene | 19 | | ug/kg | 5.2 | 0.80 | 1 |
| n-Propylbenzene | ND | | ug/kg | 1.0 | 0.13 | 1 |
| 1,3,5-Trimethylbenzene | 1.2 | J | ug/kg | 5.2 | 0.15 | 1 |
| 1,2,4-Trimethylbenzene | 4.2 | J | ug/kg | 5.2 | 0.59 | 1 |

| Surrogate | % Recovery | Qualifier | Acceptance Criteria |
|---|---|---|---|
| 1,2-Dichloroethane-d4 | 94 | | 70-130 |
| Toluene-d8 | 103 | | 70-130 |
| 4-Bromofluorobenzene | 99 | | 70-130 |
| Dibromofluoromethane | 95 | | 70-130 |

**Project Name:** MAIN + HIGH
**Project Number:** 0149-013-501
**Lab Number:** L1305166
**Report Date:** 03/29/13

## SAMPLE RESULTS

Lab ID: L1305166-05
Client ID: GRAB 5
Sample Location: TTC
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 03/28/13 14:26
Analyst: BN
Percent Solids: 94%

Date Collected: 03/27/13 08:45
Date Received: 03/27/13
Field Prep: Not Specified

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **Volatile Organics by GC/MS - Westborough Lab** | | | | | | |
| Benzene | ND | | ug/kg | 1.1 | 0.12 | 1 |
| Toluene | ND | | ug/kg | 1.6 | 0.12 | 1 |
| Ethylbenzene | ND | | ug/kg | 1.1 | 0.16 | 1 |
| Methyl tert butyl ether | ND | | ug/kg | 2.1 | 0.11 | 1 |
| p/m-Xylene | 0.71 | J | ug/kg | 2.1 | 0.34 | 1 |
| o-Xylene | 0.92 | J | ug/kg | 2.1 | 0.29 | 1 |
| n-Butylbenzene | ND | | ug/kg | 1.1 | 0.21 | 1 |
| sec-Butylbenzene | ND | | ug/kg | 1.1 | 0.22 | 1 |
| tert-Butylbenzene | ND | | ug/kg | 5.3 | 0.60 | 1 |
| Isopropylbenzene | ND | | ug/kg | 1.1 | 0.18 | 1 |
| p-Isopropyltoluene | ND | | ug/kg | 1.1 | 0.20 | 1 |
| Naphthalene | 4.2 | J | ug/kg | 5.3 | 0.82 | 1 |
| n-Propylbenzene | ND | | ug/kg | 1.1 | 0.13 | 1 |
| 1,3,5-Trimethylbenzene | 1.6 | J | ug/kg | 5.3 | 0.15 | 1 |
| 1,2,4-Trimethylbenzene | 1.6 | J | ug/kg | 5.3 | 0.61 | 1 |

| Surrogate | % Recovery | Qualifier | Acceptance Criteria |
|---|---|---|---|
| 1,2-Dichloroethane-d4 | 94 | | 70-130 |
| Toluene-d8 | 103 | | 70-130 |
| 4-Bromofluorobenzene | 101 | | 70-130 |
| Dibromofluoromethane | 96 | | 70-130 |

**Project Name:** MAIN + HIGH
**Project Number:** 0149-013-501
**Lab Number:** L1305166
**Report Date:** 03/29/13

## SAMPLE RESULTS

Lab ID: L1305166-06
Client ID: GRAB 6
Sample Location: TTC
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 03/28/13 14:54
Analyst: BN
Percent Solids: 94%

Date Collected: 03/27/13 09:07
Date Received: 03/27/13
Field Prep: Not Specified

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **Volatile Organics by GC/MS - Westborough Lab** | | | | | | |
| Benzene | ND | | ug/kg | 1.1 | 0.12 | 1 |
| Toluene | ND | | ug/kg | 1.6 | 0.12 | 1 |
| Ethylbenzene | ND | | ug/kg | 1.1 | 0.16 | 1 |
| Methyl tert butyl ether | ND | | ug/kg | 2.1 | 0.11 | 1 |
| p/m-Xylene | ND | | ug/kg | 2.1 | 0.34 | 1 |
| o-Xylene | ND | | ug/kg | 2.1 | 0.29 | 1 |
| n-Butylbenzene | ND | | ug/kg | 1.1 | 0.21 | 1 |
| sec-Butylbenzene | ND | | ug/kg | 1.1 | 0.22 | 1 |
| tert-Butylbenzene | ND | | ug/kg | 5.3 | 0.60 | 1 |
| Isopropylbenzene | ND | | ug/kg | 1.1 | 0.18 | 1 |
| p-Isopropyltoluene | ND | | ug/kg | 1.1 | 0.20 | 1 |
| Naphthalene | 0.94 | J | ug/kg | 5.3 | 0.82 | 1 |
| n-Propylbenzene | ND | | ug/kg | 1.1 | 0.13 | 1 |
| 1,3,5-Trimethylbenzene | 0.94 | J | ug/kg | 5.3 | 0.15 | 1 |
| 1,2,4-Trimethylbenzene | 0.79 | J | ug/kg | 5.3 | 0.61 | 1 |

| Surrogate | % Recovery | Qualifier | Acceptance Criteria |
|---|---|---|---|
| 1,2-Dichloroethane-d4 | 94 | | 70-130 |
| Toluene-d8 | 103 | | 70-130 |
| 4-Bromofluorobenzene | 100 | | 70-130 |
| Dibromofluoromethane | 96 | | 70-130 |

**Project Name:** MAIN + HIGH
**Project Number:** 0149-013-501

**Lab Number:** L1305166
**Report Date:** 03/29/13

# Method Blank Analysis
## Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 03/28/13 09:18
Analyst: BN

| Parameter | Result | Qualifier | Units | RL | MDL |
|---|---|---|---|---|---|
| Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-06 Batch: WG598149-3 | | | | | |
| Benzene | ND | | ug/kg | 1.0 | 0.12 |
| Toluene | 0.20 | J | ug/kg | 1.5 | 0.11 |
| Ethylbenzene | ND | | ug/kg | 1.0 | 0.15 |
| Methyl tert butyl ether | ND | | ug/kg | 2.0 | 0.10 |
| p/m-Xylene | ND | | ug/kg | 2.0 | 0.32 |
| o-Xylene | ND | | ug/kg | 2.0 | 0.27 |
| n-Butylbenzene | ND | | ug/kg | 1.0 | 0.20 |
| sec-Butylbenzene | ND | | ug/kg | 1.0 | 0.20 |
| tert-Butylbenzene | ND | | ug/kg | 5.0 | 0.56 |
| Isopropylbenzene | ND | | ug/kg | 1.0 | 0.17 |
| p-Isopropyltoluene | ND | | ug/kg | 1.0 | 0.19 |
| Naphthalene | ND | | ug/kg | 5.0 | 0.77 |
| n-Propylbenzene | ND | | ug/kg | 1.0 | 0.12 |
| 1,3,5-Trimethylbenzene | ND | | ug/kg | 5.0 | 0.14 |
| 1,2,4-Trimethylbenzene | ND | | ug/kg | 5.0 | 0.57 |

| Surrogate | %Recovery | Qualifier | Acceptance Criteria |
|---|---|---|---|
| 1,2-Dichloroethane-d4 | 90 | | 70-130 |
| Toluene-d8 | 103 | | 70-130 |
| 4-Bromofluorobenzene | 101 | | 70-130 |
| Dibromofluoromethane | 95 | | 70-130 |

# Lab Control Sample Analysis
## Batch Quality Control

**Project Name:** MAIN + HIGH
**Project Number:** 0149-013-501

**Lab Number:** L1305166
**Report Date:** 03/29/13

| Parameter | LCS %Recovery | Qual | LCSD %Recovery | Qual | %Recovery Limits | RPD | Qual | RPD Limits |
|---|---|---|---|---|---|---|---|---|
| Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-06 Batch: WG598149-1 WG598149-2 | | | | | | | | |
| Methylene chloride | 91 | | 87 | | 70-130 | 4 | | 30 |
| 1,1-Dichloroethane | 91 | | 86 | | 70-130 | 6 | | 30 |
| Chloroform | 87 | | 83 | | 70-130 | 5 | | 30 |
| Carbon tetrachloride | 91 | | 83 | | 70-130 | 9 | | 30 |
| 1,2-Dichloropropane | 89 | | 86 | | 70-130 | 3 | | 30 |
| Dibromochloromethane | 98 | | 96 | | 70-130 | 2 | | 30 |
| 2-Chloroethylvinyl ether | 89 | | 86 | | | 3 | | 30 |
| 1,1,2-Trichloroethane | 97 | | 94 | | 70-130 | 3 | | 30 |
| Tetrachloroethene | 106 | | 99 | | 70-130 | 7 | | 30 |
| Chlorobenzene | 100 | | 96 | | 70-130 | 4 | | 30 |
| Trichlorofluoromethane | 84 | | 76 | | 70-139 | 10 | | 30 |
| 1,2-Dichloroethane | 79 | | 78 | | 70-130 | 1 | | 30 |
| 1,1,1-Trichloroethane | 89 | | 82 | | 70-130 | 8 | | 30 |
| Bromodichloromethane | 84 | | 81 | | 70-130 | 4 | | 30 |
| trans-1,3-Dichloropropene | 98 | | 97 | | 70-130 | 1 | | 30 |
| cis-1,3-Dichloropropene | 88 | | 85 | | 70-130 | 3 | | 30 |
| 1,1-Dichloropropene | 92 | | 85 | | 70-130 | 8 | | 30 |
| Bromoform | 98 | | 96 | | 70-130 | 2 | | 30 |
| 1,1,2,2-Tetrachloroethane | 100 | | 96 | | 70-130 | 4 | | 30 |
| Benzene | 90 | | 84 | | 70-130 | 7 | | 30 |
| Toluene | 100 | | 94 | | 70-130 | 6 | | 30 |

# Lab Control Sample Analysis

## Batch Quality Control

**Project Name:** MAIN + HIGH

**Project Number:** 0149-013-501

**Lab Number:** L1305166

**Report Date:** 03/29/13

| Parameter | LCS %Recovery | Qual | LCSD %Recovery | Qual | %Recovery Limits | RPD | Qual | RPD Limits |
|---|---|---|---|---|---|---|---|---|
| Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-06 Batch: WG598149-1 WG598149-2 | | | | | | | | |
| Ethylbenzene | 98 | | 92 | | 70-130 | 6 | | 30 |
| Chloromethane | 108 | | 108 | | 52-130 | 0 | | 30 |
| Bromomethane | 84 | | 85 | | 57-147 | 1 | | 30 |
| Vinyl chloride | 111 | | 100 | | 67-130 | 10 | | 30 |
| Chloroethane | 68 | | 64 | | 50-151 | 6 | | 30 |
| 1,1-Dichloroethene | 100 | | 92 | | 65-135 | 8 | | 30 |
| trans-1,2-Dichloroethene | 94 | | 87 | | 70-130 | 8 | | 30 |
| Trichloroethene | 88 | | 83 | | 70-130 | 6 | | 30 |
| 1,2-Dichlorobenzene | 104 | | 102 | | 70-130 | 2 | | 30 |
| 1,3-Dichlorobenzene | 106 | | 102 | | 70-130 | 4 | | 30 |
| 1,4-Dichlorobenzene | 106 | | 102 | | 70-130 | 4 | | 30 |
| Methyl tert butyl ether | 89 | | 87 | | 66-130 | 2 | | 30 |
| p/m-Xylene | 101 | | 96 | | 70-130 | 5 | | 30 |
| o-Xylene | 100 | | 95 | | 70-130 | 5 | | 30 |
| cis-1,2-Dichloroethene | 90 | | 86 | | 70-130 | 5 | | 30 |
| Dibromomethane | 84 | | 81 | | 70-130 | 4 | | 30 |
| Styrene | 97 | | 94 | | 70-130 | 3 | | 30 |
| Dichlorodifluoromethane | 139 | | 125 | | 30-146 | 11 | | 30 |
| Acetone | 113 | | 91 | | 54-140 | 22 | | 30 |
| Carbon disulfide | 97 | | 89 | | 59-130 | 9 | | 30 |
| 2-Butanone | 93 | | 82 | | 70-130 | 13 | | 30 |

# Lab Control Sample Analysis

## Batch Quality Control

**Project Name:** MAIN + HIGH

**Project Number:** 0149-013-501

**Lab Number:** L1305166

**Report Date:** 03/29/13

| Parameter | LCS %Recovery | Qual | LCSD %Recovery | Qual | %Recovery Limits | RPD | Qual | RPD Limits |
|---|---|---|---|---|---|---|---|---|
| Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-06 Batch: WG598149-1 WG598149-2 | | | | | | | | |
| Vinyl acetate | 83 | | 80 | | 70-130 | 4 | | 30 |
| 4-Methyl-2-pentanone | 84 | | 81 | | 70-130 | 4 | | 30 |
| 1,2,3-Trichloropropane | 97 | | 94 | | 68-130 | 3 | | 30 |
| 2-Hexanone | 95 | | 85 | | 70-130 | 11 | | 30 |
| Bromochloromethane | 92 | | 89 | | 70-130 | 3 | | 30 |
| 2,2-Dichloropropane | 90 | | 83 | | 70-130 | 8 | | 30 |
| 1,2-Dibromoethane | 98 | | 95 | | 70-130 | 3 | | 30 |
| 1,3-Dichloropropane | 98 | | 95 | | 69-130 | 3 | | 30 |
| 1,1,1,2-Tetrachloroethane | 99 | | 96 | | 70-130 | 3 | | 30 |
| Bromobenzene | 104 | | 102 | | 70-130 | 2 | | 30 |
| n-Butylbenzene | 104 | | 98 | | 70-130 | 6 | | 30 |
| sec-Butylbenzene | 105 | | 98 | | 70-130 | 7 | | 30 |
| tert-Butylbenzene | 107 | | 100 | | 70-130 | 7 | | 30 |
| o-Chlorotoluene | 104 | | 99 | | 70-130 | 5 | | 30 |
| p-Chlorotoluene | 105 | | 100 | | 70-130 | 5 | | 30 |
| 1,2-Dibromo-3-chloropropane | 89 | | 85 | | 68-130 | 5 | | 30 |
| Hexachlorobutadiene | 114 | | 108 | | 67-130 | 5 | | 30 |
| Isopropylbenzene | 105 | | 98 | | 70-130 | 7 | | 30 |
| p-Isopropyltoluene | 106 | | 100 | | 70-130 | 6 | | 30 |
| Naphthalene | 103 | | 101 | | 70-130 | 2 | | 30 |
| Acrylonitrile | 90 | | 86 | | 70-130 | 5 | | 30 |

# Lab Control Sample Analysis

## Batch Quality Control

**Project Name:** MAIN + HIGH

**Project Number:** 0149-013-501

**Lab Number:** L1305166

**Report Date:** 03/29/13

| Parameter | LCS %Recovery | Qual | LCSD %Recovery | Qual | %Recovery Limits | RPD | Qual | RPD Limits |
|---|---|---|---|---|---|---|---|---|
| Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-06 Batch: WG598149-1 WG598149-2 | | | | | | | | |
| Isopropyl Ether | 90 | | 87 | | 66-130 | 3 | | 30 |
| tert-Butyl Alcohol | 84 | | 79 | | 70-130 | 6 | | 30 |
| n-Propylbenzene | 104 | | 98 | | 70-130 | 6 | | 30 |
| 1,2,3-Trichlorobenzene | 108 | | 106 | | 70-130 | 2 | | 30 |
| 1,2,4-Trichlorobenzene | 112 | | 109 | | 70-130 | 3 | | 30 |
| 1,3,5-Trimethylbenzene | 106 | | 100 | | 70-130 | 6 | | 30 |
| 1,2,4-Trimethylbenzene | 105 | | 100 | | 70-130 | 5 | | 30 |
| Methyl Acetate | 86 | | 82 | | 70-130 | 5 | | 30 |
| Ethyl Acetate | 83 | | 80 | | 70-130 | 4 | | 30 |
| Acrolein | 75 | | 72 | | 70-130 | 4 | | 30 |
| Cyclohexane | 102 | | 93 | | 70-130 | 9 | | 30 |
| 1,4-Dioxane | 84 | | 83 | | 65-136 | 1 | | 30 |
| 1,1,2-Trichloro-1,2,2-Trifluoroethane | 104 | | 94 | | 70-130 | 10 | | 30 |
| 1,4-Diethylbenzene | 109 | | 101 | | 70-130 | 8 | | 30 |
| 4-Ethyltoluene | 107 | | 101 | | 70-130 | 6 | | 30 |
| 1,2,4,5-Tetramethylbenzene | 107 | | 103 | | 70-130 | 4 | | 30 |
| Tetrahydrofuran | 88 | | 82 | | 66-130 | 7 | | 30 |
| Ethyl ether | 76 | | 75 | | 67-130 | 1 | | 30 |
| trans-1,4-Dichloro-2-butene | 92 | | 90 | | 70-130 | 2 | | 30 |
| Methyl cyclohexane | 99 | | 90 | | 70-130 | 10 | | 30 |
| Ethyl-Tert-Butyl-Ether | 88 | | 87 | | 70-130 | 1 | | 30 |

# Lab Control Sample Analysis

## Batch Quality Control

**Project Name:** MAIN + HIGH

**Project Number:** 0149-013-501

**Lab Number:** L1305166

**Report Date:** 03/29/13

| Parameter | LCS %Recovery | Qual | LCSD %Recovery | Qual | %Recovery Limits | RPD | Qual | RPD Limits |
|---|---|---|---|---|---|---|---|---|
| Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-06 Batch: WG598149-1 WG598149-2 | | | | | | | | |
| Tertiary-Amyl Methyl Ether | 88 | | 85 | | 70-130 | 3 | | 30 |

| Surrogate | LCS %Recovery | Qual | LCSD %Recovery | Qual | Acceptance Criteria |
|---|---|---|---|---|---|
| 1,2-Dichloroethane-d4 | 89 | | 86 | | 70-130 |
| Toluene-d8 | 105 | | 104 | | 70-130 |
| 4-Bromofluorobenzene | 101 | | 99 | | 70-130 |
| Dibromofluoromethane | 96 | | 95 | | 70-130 |

# METALS

**Project Name:** MAIN + HIGH
**Project Number:** 0149-013-501
**Lab Number:** L1305166
**Report Date:** 03/29/13

## SAMPLE RESULTS

Lab ID: L1305166-07
Client ID: GRAB 1+2
Sample Location: TTC
Matrix: Soil
Percent Solids: 93%

Date Collected: 03/27/13 09:18
Date Received: 03/27/13
Field Prep: Not Specified

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Date Prepared | Date Analyzed | Prep Method | Analytical Method | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Total Metals - Westborough Lab** | | | | | | | | | | | |
| Aluminum, Total | 2800 | | mg/kg | 4.2 | 0.84 | 1 | 03/28/13 10:20 | 03/28/13 13:55 | EPA 3050B | 1,6010C | MG |
| Antimony, Total | 0.74 | J | mg/kg | 2.1 | 0.42 | 1 | 03/28/13 10:20 | 03/28/13 13:55 | EPA 3050B | 1,6010C | MG |
| Arsenic, Total | 1.2 | | mg/kg | 0.42 | 0.12 | 1 | 03/28/13 10:20 | 03/28/13 13:55 | EPA 3050B | 1,6010C | MG |
| Barium, Total | 14 | | mg/kg | 0.42 | 0.12 | 1 | 03/28/13 10:20 | 03/28/13 13:55 | EPA 3050B | 1,6010C | MG |
| Beryllium, Total | 0.15 | J | mg/kg | 0.21 | 0.02 | 1 | 03/28/13 10:20 | 03/28/13 13:55 | EPA 3050B | 1,6010C | MG |
| Cadmium, Total | 0.23 | J | mg/kg | 0.42 | 0.03 | 1 | 03/28/13 10:20 | 03/28/13 13:55 | EPA 3050B | 1,6010C | MG |
| Calcium, Total | 64000 | | mg/kg | 420 | 84. | 100 | 03/28/13 10:20 | 03/28/13 14:13 | EPA 3050B | 1,6010C | MG |
| Chromium, Total | 4.0 | | mg/kg | 0.42 | 0.08 | 1 | 03/28/13 10:20 | 03/28/13 13:55 | EPA 3050B | 1,6010C | MG |
| Cobalt, Total | 1.9 | | mg/kg | 0.84 | 0.21 | 1 | 03/28/13 10:20 | 03/28/13 13:55 | EPA 3050B | 1,6010C | MG |
| Copper, Total | 6.9 | | mg/kg | 0.42 | 0.21 | 1 | 03/28/13 10:20 | 03/28/13 13:55 | EPA 3050B | 1,6010C | MG |
| Iron, Total | 5700 | | mg/kg | 2.1 | 0.84 | 1 | 03/28/13 10:20 | 03/28/13 13:55 | EPA 3050B | 1,6010C | MG |
| Lead, Total | 6.2 | | mg/kg | 2.1 | 0.12 | 1 | 03/28/13 10:20 | 03/28/13 13:55 | EPA 3050B | 1,6010C | MG |
| Magnesium, Total | 20000 | | mg/kg | 4.2 | 1.7 | 1 | 03/28/13 10:20 | 03/28/13 13:55 | EPA 3050B | 1,6010C | MG |
| Manganese, Total | 200 | | mg/kg | 0.42 | 0.08 | 1 | 03/28/13 10:20 | 03/28/13 13:55 | EPA 3050B | 1,6010C | MG |
| Mercury, Total | ND | | mg/kg | 0.08 | 0.02 | 1 | 03/28/13 11:25 | 03/28/13 15:41 | EPA 7471B | 1,7471B | TT |
| Nickel, Total | 3.7 | | mg/kg | 1.0 | 0.17 | 1 | 03/28/13 10:20 | 03/28/13 13:55 | EPA 3050B | 1,6010C | MG |
| Potassium, Total | 650 | | mg/kg | 100 | 34. | 1 | 03/28/13 10:20 | 03/28/13 13:55 | EPA 3050B | 1,6010C | MG |
| Selenium, Total | 0.21 | J | mg/kg | 0.84 | 0.12 | 1 | 03/28/13 10:20 | 03/28/13 13:55 | EPA 3050B | 1,6010C | MG |
| Silver, Total | ND | | mg/kg | 0.42 | 0.08 | 1 | 03/28/13 10:20 | 03/28/13 13:55 | EPA 3050B | 1,6010C | MG |
| Sodium, Total | 330 | | mg/kg | 84 | 34. | 1 | 03/28/13 10:20 | 03/28/13 13:55 | EPA 3050B | 1,6010C | MG |
| Thallium, Total | 0.54 | J | mg/kg | 0.84 | 0.25 | 1 | 03/28/13 10:20 | 03/28/13 13:55 | EPA 3050B | 1,6010C | MG |
| Vanadium, Total | 8.5 | | mg/kg | 0.42 | 0.08 | 1 | 03/28/13 10:20 | 03/28/13 13:55 | EPA 3050B | 1,6010C | MG |
| Zinc, Total | 68 | | mg/kg | 2.1 | 0.21 | 1 | 03/28/13 10:20 | 03/28/13 13:55 | EPA 3050B | 1,6010C | MG |

**Project Name:** MAIN + HIGH
**Project Number:** 0149-013-501
**Lab Number:** L1305166
**Report Date:** 03/29/13

## SAMPLE RESULTS

Lab ID: L1305166-08
Client ID: GRAB 3+4
Sample Location: TTC
Matrix: Soil
Percent Solids: 92%

Date Collected: 03/27/13 09:13
Date Received: 03/27/13
Field Prep: Not Specified

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Date Prepared | Date Analyzed | Prep Method | Analytical Method | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Total Metals - Westborough Lab** | | | | | | | | | | | |
| Aluminum, Total | 5700 | | mg/kg | 4.1 | 0.83 | 1 | 03/28/13 10:20 | 03/28/13 14:27 | EPA 3050B | 1,6010C | MG |
| Antimony, Total | 0.84 | J | mg/kg | 2.1 | 0.41 | 1 | 03/28/13 10:20 | 03/28/13 14:27 | EPA 3050B | 1,6010C | MG |
| Arsenic, Total | 2.1 | | mg/kg | 0.41 | 0.12 | 1 | 03/28/13 10:20 | 03/28/13 14:27 | EPA 3050B | 1,6010C | MG |
| Barium, Total | 30 | | mg/kg | 0.41 | 0.12 | 1 | 03/28/13 10:20 | 03/28/13 14:27 | EPA 3050B | 1,6010C | MG |
| Beryllium, Total | 0.22 | | mg/kg | 0.21 | 0.02 | 1 | 03/28/13 10:20 | 03/28/13 14:27 | EPA 3050B | 1,6010C | MG |
| Cadmium, Total | 0.12 | J | mg/kg | 0.41 | 0.03 | 1 | 03/28/13 10:20 | 03/28/13 14:27 | EPA 3050B | 1,6010C | MG |
| Calcium, Total | 48000 | | mg/kg | 410 | 83. | 100 | 03/28/13 10:20 | 03/28/13 14:44 | EPA 3050B | 1,6010C | MG |
| Chromium, Total | 7.0 | | mg/kg | 0.41 | 0.08 | 1 | 03/28/13 10:20 | 03/28/13 14:27 | EPA 3050B | 1,6010C | MG |
| Cobalt, Total | 3.5 | | mg/kg | 0.83 | 0.21 | 1 | 03/28/13 10:20 | 03/28/13 14:27 | EPA 3050B | 1,6010C | MG |
| Copper, Total | 9.6 | | mg/kg | 0.41 | 0.21 | 1 | 03/28/13 10:20 | 03/28/13 14:27 | EPA 3050B | 1,6010C | MG |
| Iron, Total | 9000 | | mg/kg | 2.1 | 0.83 | 1 | 03/28/13 10:20 | 03/28/13 14:27 | EPA 3050B | 1,6010C | MG |
| Lead, Total | 6.8 | | mg/kg | 2.1 | 0.12 | 1 | 03/28/13 10:20 | 03/28/13 14:27 | EPA 3050B | 1,6010C | MG |
| Magnesium, Total | 18000 | | mg/kg | 4.1 | 1.6 | 1 | 03/28/13 10:20 | 03/28/13 14:27 | EPA 3050B | 1,6010C | MG |
| Manganese, Total | 240 | | mg/kg | 0.41 | 0.08 | 1 | 03/28/13 10:20 | 03/28/13 14:27 | EPA 3050B | 1,6010C | MG |
| Mercury, Total | ND | | mg/kg | 0.08 | 0.02 | 1 | 03/28/13 11:25 | 03/28/13 15:46 | EPA 7471B | 1,7471B | TT |
| Nickel, Total | 7.7 | | mg/kg | 1.0 | 0.16 | 1 | 03/28/13 10:20 | 03/28/13 14:27 | EPA 3050B | 1,6010C | MG |
| Potassium, Total | 1100 | | mg/kg | 100 | 33. | 1 | 03/28/13 10:20 | 03/28/13 14:27 | EPA 3050B | 1,6010C | MG |
| Selenium, Total | 0.29 | J | mg/kg | 0.83 | 0.12 | 1 | 03/28/13 10:20 | 03/28/13 14:27 | EPA 3050B | 1,6010C | MG |
| Silver, Total | ND | | mg/kg | 0.41 | 0.08 | 1 | 03/28/13 10:20 | 03/28/13 14:27 | EPA 3050B | 1,6010C | MG |
| Sodium, Total | 450 | | mg/kg | 83 | 33. | 1 | 03/28/13 10:20 | 03/28/13 14:27 | EPA 3050B | 1,6010C | MG |
| Thallium, Total | 0.96 | | mg/kg | 0.83 | 0.25 | 1 | 03/28/13 10:20 | 03/28/13 14:27 | EPA 3050B | 1,6010C | MG |
| Vanadium, Total | 12 | | mg/kg | 0.41 | 0.08 | 1 | 03/28/13 10:20 | 03/28/13 14:27 | EPA 3050B | 1,6010C | MG |
| Zinc, Total | 64 | | mg/kg | 2.1 | 0.21 | 1 | 03/28/13 10:20 | 03/28/13 14:27 | EPA 3050B | 1,6010C | MG |

**Project Name:** MAIN + HIGH
**Project Number:** 0149-013-501
**Lab Number:** L1305166
**Report Date:** 03/29/13

## SAMPLE RESULTS

Lab ID: L1305166-09
Client ID: GRAB 5+6
Sample Location: TTC
Matrix: Soil
Percent Solids: 94%

Date Collected: 03/27/13 08:45
Date Received: 03/27/13
Field Prep: Not Specified

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Date Prepared | Date Analyzed | Prep Method | Analytical Method | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Total Metals - Westborough Lab** | | | | | | | | | | | |
| Aluminum, Total | 3100 | | mg/kg | 4.1 | 0.83 | 1 | 03/28/13 10:20 | 03/28/13 14:30 | EPA 3050B | 1,6010C | MG |
| Antimony, Total | 0.51 | J | mg/kg | 2.1 | 0.41 | 1 | 03/28/13 10:20 | 03/28/13 14:30 | EPA 3050B | 1,6010C | MG |
| Arsenic, Total | 1.4 | | mg/kg | 0.41 | 0.12 | 1 | 03/28/13 10:20 | 03/28/13 14:30 | EPA 3050B | 1,6010C | MG |
| Barium, Total | 18 | | mg/kg | 0.41 | 0.12 | 1 | 03/28/13 10:20 | 03/28/13 14:30 | EPA 3050B | 1,6010C | MG |
| Beryllium, Total | 0.13 | J | mg/kg | 0.21 | 0.02 | 1 | 03/28/13 10:20 | 03/28/13 14:30 | EPA 3050B | 1,6010C | MG |
| Cadmium, Total | 0.14 | J | mg/kg | 0.41 | 0.03 | 1 | 03/28/13 10:20 | 03/28/13 14:30 | EPA 3050B | 1,6010C | MG |
| Calcium, Total | 51000 | | mg/kg | 410 | 83. | 100 | 03/28/13 10:20 | 03/28/13 14:48 | EPA 3050B | 1,6010C | MG |
| Chromium, Total | 4.7 | | mg/kg | 0.41 | 0.08 | 1 | 03/28/13 10:20 | 03/28/13 14:30 | EPA 3050B | 1,6010C | MG |
| Cobalt, Total | 2.2 | | mg/kg | 0.83 | 0.21 | 1 | 03/28/13 10:20 | 03/28/13 14:30 | EPA 3050B | 1,6010C | MG |
| Copper, Total | 8.2 | | mg/kg | 0.41 | 0.21 | 1 | 03/28/13 10:20 | 03/28/13 14:30 | EPA 3050B | 1,6010C | MG |
| Iron, Total | 6200 | | mg/kg | 2.1 | 0.83 | 1 | 03/28/13 10:20 | 03/28/13 14:30 | EPA 3050B | 1,6010C | MG |
| Lead, Total | 7.4 | | mg/kg | 2.1 | 0.12 | 1 | 03/28/13 10:20 | 03/28/13 14:30 | EPA 3050B | 1,6010C | MG |
| Magnesium, Total | 20000 | | mg/kg | 4.1 | 1.6 | 1 | 03/28/13 10:20 | 03/28/13 14:30 | EPA 3050B | 1,6010C | MG |
| Manganese, Total | 230 | | mg/kg | 0.41 | 0.08 | 1 | 03/28/13 10:20 | 03/28/13 14:30 | EPA 3050B | 1,6010C | MG |
| Mercury, Total | ND | | mg/kg | 0.08 | 0.02 | 1 | 03/28/13 11:25 | 03/28/13 15:48 | EPA 7471B | 1,7471B | TT |
| Nickel, Total | 4.2 | | mg/kg | 1.0 | 0.16 | 1 | 03/28/13 10:20 | 03/28/13 14:30 | EPA 3050B | 1,6010C | MG |
| Potassium, Total | 600 | | mg/kg | 100 | 33. | 1 | 03/28/13 10:20 | 03/28/13 14:30 | EPA 3050B | 1,6010C | MG |
| Selenium, Total | 0.29 | J | mg/kg | 0.83 | 0.12 | 1 | 03/28/13 10:20 | 03/28/13 14:30 | EPA 3050B | 1,6010C | MG |
| Silver, Total | ND | | mg/kg | 0.41 | 0.08 | 1 | 03/28/13 10:20 | 03/28/13 14:30 | EPA 3050B | 1,6010C | MG |
| Sodium, Total | 370 | | mg/kg | 83 | 33. | 1 | 03/28/13 10:20 | 03/28/13 14:30 | EPA 3050B | 1,6010C | MG |
| Thallium, Total | 0.76 | J | mg/kg | 0.83 | 0.25 | 1 | 03/28/13 10:20 | 03/28/13 14:30 | EPA 3050B | 1,6010C | MG |
| Vanadium, Total | 9.5 | | mg/kg | 0.41 | 0.08 | 1 | 03/28/13 10:20 | 03/28/13 14:30 | EPA 3050B | 1,6010C | MG |
| Zinc, Total | 68 | | mg/kg | 2.1 | 0.21 | 1 | 03/28/13 10:20 | 03/28/13 14:30 | EPA 3050B | 1,6010C | MG |

**Project Name:** MAIN + HIGH
**Project Number:** 0149-013-501
**Lab Number:** L1305166
**Report Date:** 03/29/13

## SAMPLE RESULTS

Lab ID: L1305166-10
Client ID: GRAB 2+3
Sample Location: TTC
Matrix: Soil
Percent Solids: 93%

Date Collected: 03/27/13 09:18
Date Received: 03/27/13
Field Prep: Not Specified

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Date Prepared | Date Analyzed | Prep Method | Analytical Method | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Total Metals - Westborough Lab** | | | | | | | | | | | |
| Aluminum, Total | 2700 | | mg/kg | 4.2 | 0.83 | 1 | 03/28/13 10:20 | 03/28/13 14:33 | EPA 3050B | 1,6010C | MG |
| Antimony, Total | 0.48 | J | mg/kg | 2.1 | 0.42 | 1 | 03/28/13 10:20 | 03/28/13 14:33 | EPA 3050B | 1,6010C | MG |
| Arsenic, Total | 1.3 | | mg/kg | 0.42 | 0.12 | 1 | 03/28/13 10:20 | 03/28/13 14:33 | EPA 3050B | 1,6010C | MG |
| Barium, Total | 12 | | mg/kg | 0.42 | 0.12 | 1 | 03/28/13 10:20 | 03/28/13 14:33 | EPA 3050B | 1,6010C | MG |
| Beryllium, Total | 0.11 | J | mg/kg | 0.21 | 0.02 | 1 | 03/28/13 10:20 | 03/28/13 14:33 | EPA 3050B | 1,6010C | MG |
| Cadmium, Total | 0.14 | J | mg/kg | 0.42 | 0.03 | 1 | 03/28/13 10:20 | 03/28/13 14:33 | EPA 3050B | 1,6010C | MG |
| Calcium, Total | 51000 | | mg/kg | 420 | 83. | 100 | 03/28/13 10:20 | 03/28/13 14:51 | EPA 3050B | 1,6010C | MG |
| Chromium, Total | 4.1 | | mg/kg | 0.42 | 0.08 | 1 | 03/28/13 10:20 | 03/28/13 14:33 | EPA 3050B | 1,6010C | MG |
| Cobalt, Total | 1.9 | | mg/kg | 0.83 | 0.21 | 1 | 03/28/13 10:20 | 03/28/13 14:33 | EPA 3050B | 1,6010C | MG |
| Copper, Total | 7.3 | | mg/kg | 0.42 | 0.21 | 1 | 03/28/13 10:20 | 03/28/13 14:33 | EPA 3050B | 1,6010C | MG |
| Iron, Total | 5800 | | mg/kg | 2.1 | 0.83 | 1 | 03/28/13 10:20 | 03/28/13 14:33 | EPA 3050B | 1,6010C | MG |
| Lead, Total | 6.8 | | mg/kg | 2.1 | 0.12 | 1 | 03/28/13 10:20 | 03/28/13 14:33 | EPA 3050B | 1,6010C | MG |
| Magnesium, Total | 20000 | | mg/kg | 4.2 | 1.7 | 1 | 03/28/13 10:20 | 03/28/13 14:33 | EPA 3050B | 1,6010C | MG |
| Manganese, Total | 210 | | mg/kg | 0.42 | 0.08 | 1 | 03/28/13 10:20 | 03/28/13 14:33 | EPA 3050B | 1,6010C | MG |
| Mercury, Total | ND | | mg/kg | 0.08 | 0.02 | 1 | 03/28/13 11:25 | 03/28/13 15:50 | EPA 7471B | 1,7471B | TT |
| Nickel, Total | 3.8 | | mg/kg | 1.0 | 0.17 | 1 | 03/28/13 10:20 | 03/28/13 14:33 | EPA 3050B | 1,6010C | MG |
| Potassium, Total | 570 | | mg/kg | 100 | 33. | 1 | 03/28/13 10:20 | 03/28/13 14:33 | EPA 3050B | 1,6010C | MG |
| Selenium, Total | 0.15 | J | mg/kg | 0.83 | 0.12 | 1 | 03/28/13 10:20 | 03/28/13 14:33 | EPA 3050B | 1,6010C | MG |
| Silver, Total | ND | | mg/kg | 0.42 | 0.08 | 1 | 03/28/13 10:20 | 03/28/13 14:33 | EPA 3050B | 1,6010C | MG |
| Sodium, Total | 290 | | mg/kg | 83 | 33. | 1 | 03/28/13 10:20 | 03/28/13 14:33 | EPA 3050B | 1,6010C | MG |
| Thallium, Total | 0.81 | J | mg/kg | 0.83 | 0.25 | 1 | 03/28/13 10:20 | 03/28/13 14:33 | EPA 3050B | 1,6010C | MG |
| Vanadium, Total | 8.8 | | mg/kg | 0.42 | 0.08 | 1 | 03/28/13 10:20 | 03/28/13 14:33 | EPA 3050B | 1,6010C | MG |
| Zinc, Total | 64 | | mg/kg | 2.1 | 0.21 | 1 | 03/28/13 10:20 | 03/28/13 14:33 | EPA 3050B | 1,6010C | MG |

**Project Name:** MAIN + HIGH
**Project Number:** 0149-013-501
**Lab Number:** L1305166
**Report Date:** 03/29/13

## SAMPLE RESULTS

Lab ID: L1305166-11
Client ID: GRAB 1+6
Sample Location: TTC
Matrix: Soil
Percent Solids: 92%

Date Collected: 03/27/13 09:07
Date Received: 03/27/13
Field Prep: Not Specified

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Date Prepared | Date Analyzed | Prep Method | Analytical Method | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Total Metals - Westborough Lab** | | | | | | | | | | | |
| Aluminum, Total | 3000 | | mg/kg | 4.1 | 0.82 | 1 | 03/28/13 10:20 | 03/28/13 14:36 | EPA 3050B | 1,6010C | MG |
| Antimony, Total | 0.46 | J | mg/kg | 2.0 | 0.41 | 1 | 03/28/13 10:20 | 03/28/13 14:36 | EPA 3050B | 1,6010C | MG |
| Arsenic, Total | 1.3 | | mg/kg | 0.41 | 0.12 | 1 | 03/28/13 10:20 | 03/28/13 14:36 | EPA 3050B | 1,6010C | MG |
| Barium, Total | 17 | | mg/kg | 0.41 | 0.12 | 1 | 03/28/13 10:20 | 03/28/13 14:36 | EPA 3050B | 1,6010C | MG |
| Beryllium, Total | 0.15 | J | mg/kg | 0.20 | 0.02 | 1 | 03/28/13 10:20 | 03/28/13 14:36 | EPA 3050B | 1,6010C | MG |
| Cadmium, Total | 0.16 | J | mg/kg | 0.41 | 0.03 | 1 | 03/28/13 10:20 | 03/28/13 14:36 | EPA 3050B | 1,6010C | MG |
| Calcium, Total | 57000 | | mg/kg | 410 | 82. | 100 | 03/28/13 10:20 | 03/28/13 14:53 | EPA 3050B | 1,6010C | MG |
| Chromium, Total | 4.2 | | mg/kg | 0.41 | 0.08 | 1 | 03/28/13 10:20 | 03/28/13 14:36 | EPA 3050B | 1,6010C | MG |
| Cobalt, Total | 2.0 | | mg/kg | 0.82 | 0.20 | 1 | 03/28/13 10:20 | 03/28/13 14:36 | EPA 3050B | 1,6010C | MG |
| Copper, Total | 7.8 | | mg/kg | 0.41 | 0.20 | 1 | 03/28/13 10:20 | 03/28/13 14:36 | EPA 3050B | 1,6010C | MG |
| Iron, Total | 5700 | | mg/kg | 2.0 | 0.82 | 1 | 03/28/13 10:20 | 03/28/13 14:36 | EPA 3050B | 1,6010C | MG |
| Lead, Total | 6.8 | | mg/kg | 2.0 | 0.12 | 1 | 03/28/13 10:20 | 03/28/13 14:36 | EPA 3050B | 1,6010C | MG |
| Magnesium, Total | 20000 | | mg/kg | 4.1 | 1.6 | 1 | 03/28/13 10:20 | 03/28/13 14:36 | EPA 3050B | 1,6010C | MG |
| Manganese, Total | 230 | | mg/kg | 0.41 | 0.08 | 1 | 03/28/13 10:20 | 03/28/13 14:36 | EPA 3050B | 1,6010C | MG |
| Mercury, Total | ND | | mg/kg | 0.07 | 0.02 | 1 | 03/28/13 11:25 | 03/28/13 15:51 | EPA 7471B | 1,7471B | TT |
| Nickel, Total | 4.2 | | mg/kg | 1.0 | 0.16 | 1 | 03/28/13 10:20 | 03/28/13 14:36 | EPA 3050B | 1,6010C | MG |
| Potassium, Total | 590 | | mg/kg | 100 | 33. | 1 | 03/28/13 10:20 | 03/28/13 14:36 | EPA 3050B | 1,6010C | MG |
| Selenium, Total | 0.23 | J | mg/kg | 0.82 | 0.12 | 1 | 03/28/13 10:20 | 03/28/13 14:36 | EPA 3050B | 1,6010C | MG |
| Silver, Total | ND | | mg/kg | 0.41 | 0.08 | 1 | 03/28/13 10:20 | 03/28/13 14:36 | EPA 3050B | 1,6010C | MG |
| Sodium, Total | 400 | | mg/kg | 82 | 33. | 1 | 03/28/13 10:20 | 03/28/13 14:36 | EPA 3050B | 1,6010C | MG |
| Thallium, Total | 0.76 | J | mg/kg | 0.82 | 0.25 | 1 | 03/28/13 10:20 | 03/28/13 14:36 | EPA 3050B | 1,6010C | MG |
| Vanadium, Total | 8.3 | | mg/kg | 0.41 | 0.08 | 1 | 03/28/13 10:20 | 03/28/13 14:36 | EPA 3050B | 1,6010C | MG |
| Zinc, Total | 75 | | mg/kg | 2.0 | 0.20 | 1 | 03/28/13 10:20 | 03/28/13 14:36 | EPA 3050B | 1,6010C | MG |

**Project Name:** MAIN + HIGH
**Project Number:** 0149-013-501
**Lab Number:** L1305166
**Report Date:** 03/29/13

# Method Blank Analysis
# Batch Quality Control

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Date Prepared | Date Analyzed | Analytical Method | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|
| Total Metals - Westborough Lab for sample(s): 07-11 Batch: WG597987-1 | | | | | | | | | | |
| Mercury, Total | ND | | mg/kg | 0.08 | 0.02 | 1 | 03/28/13 11:25 | 03/28/13 15:03 | 1,7471B | TT |

**Prep Information**

Digestion Method: EPA 7471B

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Date Prepared | Date Analyzed | Analytical Method | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|
| Total Metals - Westborough Lab for sample(s): 07-11 Batch: WG598049-1 | | | | | | | | | | |
| Aluminum, Total | 0.85 | J | mg/kg | 4.0 | 0.80 | 1 | 03/28/13 10:20 | 03/28/13 13:50 | 1,6010C | MG |
| Antimony, Total | ND | | mg/kg | 2.0 | 0.40 | 1 | 03/28/13 10:20 | 03/28/13 13:50 | 1,6010C | MG |
| Arsenic, Total | ND | | mg/kg | 0.40 | 0.12 | 1 | 03/28/13 10:20 | 03/28/13 13:50 | 1,6010C | MG |
| Barium, Total | ND | | mg/kg | 0.40 | 0.12 | 1 | 03/28/13 10:20 | 03/28/13 13:50 | 1,6010C | MG |
| Beryllium, Total | ND | | mg/kg | 0.20 | 0.02 | 1 | 03/28/13 10:20 | 03/28/13 13:50 | 1,6010C | MG |
| Cadmium, Total | ND | | mg/kg | 0.40 | 0.02 | 1 | 03/28/13 10:20 | 03/28/13 13:50 | 1,6010C | MG |
| Calcium, Total | 1.3 | J | mg/kg | 4.0 | 0.80 | 1 | 03/28/13 10:20 | 03/28/13 13:50 | 1,6010C | MG |
| Chromium, Total | ND | | mg/kg | 0.40 | 0.08 | 1 | 03/28/13 10:20 | 03/28/13 13:50 | 1,6010C | MG |
| Cobalt, Total | ND | | mg/kg | 0.80 | 0.20 | 1 | 03/28/13 10:20 | 03/28/13 13:50 | 1,6010C | MG |
| Copper, Total | ND | | mg/kg | 0.40 | 0.20 | 1 | 03/28/13 10:20 | 03/28/13 13:50 | 1,6010C | MG |
| Iron, Total | ND | | mg/kg | 2.0 | 0.80 | 1 | 03/28/13 10:20 | 03/28/13 13:50 | 1,6010C | MG |
| Lead, Total | ND | | mg/kg | 2.0 | 0.12 | 1 | 03/28/13 10:20 | 03/28/13 13:50 | 1,6010C | MG |
| Magnesium, Total | ND | | mg/kg | 4.0 | 1.6 | 1 | 03/28/13 10:20 | 03/28/13 13:50 | 1,6010C | MG |
| Manganese, Total | ND | | mg/kg | 0.40 | 0.08 | 1 | 03/28/13 10:20 | 03/28/13 13:50 | 1,6010C | MG |
| Nickel, Total | ND | | mg/kg | 1.0 | 0.16 | 1 | 03/28/13 10:20 | 03/28/13 13:50 | 1,6010C | MG |
| Potassium, Total | ND | | mg/kg | 100 | 32. | 1 | 03/28/13 10:20 | 03/28/13 13:50 | 1,6010C | MG |
| Selenium, Total | ND | | mg/kg | 0.80 | 0.12 | 1 | 03/28/13 10:20 | 03/28/13 13:50 | 1,6010C | MG |
| Silver, Total | ND | | mg/kg | 0.40 | 0.08 | 1 | 03/28/13 10:20 | 03/28/13 13:50 | 1,6010C | MG |
| Sodium, Total | ND | | mg/kg | 80 | 32. | 1 | 03/28/13 10:20 | 03/28/13 13:50 | 1,6010C | MG |
| Thallium, Total | ND | | mg/kg | 0.80 | 0.24 | 1 | 03/28/13 10:20 | 03/28/13 13:50 | 1,6010C | MG |
| Vanadium, Total | ND | | mg/kg | 0.40 | 0.08 | 1 | 03/28/13 10:20 | 03/28/13 13:50 | 1,6010C | MG |
| Zinc, Total | ND | | mg/kg | 2.0 | 0.20 | 1 | 03/28/13 10:20 | 03/28/13 13:50 | 1,6010C | MG |

**Project Name:** MAIN + HIGH
**Project Number:** 0149-013-501

**Lab Number:** L1305166
**Report Date:** 03/29/13

# Method Blank Analysis
# Batch Quality Control

**Prep Information**

Digestion Method: EPA 3050B

# Lab Control Sample Analysis

## Batch Quality Control

**Project Name:** MAIN + HIGH

**Project Number:** 0149-013-501

**Lab Number:** L1305166

**Report Date:** 03/29/13

| Parameter | LCS %Recovery | Qual | LCSD %Recovery | Qual | %Recovery Limits | RPD | Qual | RPD Limits |
|---|---|---|---|---|---|---|---|---|
| Total Metals - Westborough Lab Associated sample(s): 07-11 Batch: WG597987-2 SRM Lot Number: 0518-10-02 | | | | | | | | |
| Mercury, Total | 108 | | - | | 67-133 | - | | |

# Lab Control Sample Analysis

## Batch Quality Control

**Project Name:** MAIN + HIGH

**Project Number:** 0149-013-501

**Lab Number:** L1305166

**Report Date:** 03/29/13

| Parameter | LCS %Recovery | LCSD %Recovery | %Recovery Limits | RPD | RPD Limits |
|---|---|---|---|---|---|
| Total Metals - Westborough Lab Associated sample(s): 07-11 Batch: WG598049-2 SRM Lot Number: 0518-10-02 | | | | | |
| Aluminum, Total | 98 | - | 29-171 | - | |
| Antimony, Total | 112 | - | 4-196 | - | |
| Arsenic, Total | 100 | - | 81-119 | - | |
| Barium, Total | 100 | - | 83-118 | - | |
| Beryllium, Total | 92 | - | 83-117 | - | |
| Cadmium, Total | 94 | - | 82-117 | - | |
| Calcium, Total | 111 | - | 83-117 | - | |
| Chromium, Total | 92 | - | 80-119 | - | |
| Cobalt, Total | 95 | - | 83-117 | - | |
| Copper, Total | 92 | - | 83-117 | - | |
| Iron, Total | 94 | - | 51-150 | - | |
| Lead, Total | 94 | - | 80-120 | - | |
| Magnesium, Total | 92 | - | 74-126 | - | |
| Manganese, Total | 95 | - | 83-117 | - | |
| Nickel, Total | 94 | - | 82-117 | - | |
| Potassium, Total | 116 | - | 74-126 | - | |
| Selenium, Total | 98 | - | 80-120 | - | |
| Silver, Total | 111 | - | 66-134 | - | |
| Sodium, Total | 126 | - | 74-127 | - | |
| Thallium, Total | 106 | - | 79-120 | - | |
| Vanadium, Total | 98 | - | 79-121 | - | |

# Lab Control Sample Analysis

## Batch Quality Control

**Project Name:** MAIN + HIGH

**Project Number:** 0149-013-501

**Lab Number:** L1305166

**Report Date:** 03/29/13

| Parameter | LCS %Recovery | LCSD %Recovery | %Recovery Limits | RPD | RPD Limits |
|---|---|---|---|---|---|
| Total Metals - Westborough Lab Associated sample(s): 07-11 Batch: WG598049-2 SRM Lot Number: 0518-10-02 | | | | | |
| Zinc, Total | 117 | - | 82-119 | - | |

# Matrix Spike Analysis
## Batch Quality Control

**Project Name:** MAIN + HIGH
**Project Number:** 0149-013-501

**Lab Number:** L1305166
**Report Date:** 03/29/13

| Parameter | Native Sample | MS Added | MS Found | MS %Recovery | Qual | MSD Found | MSD %Recovery | Qual | Recovery Limits | RPD | Qual | RPD Limits |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Total Metals - Westborough Lab Associated sample(s): 07-11 QC Batch ID: WG597987-4 QC Sample: L1305159-01 Client ID: MS Sample | | | | | | | | | | | | |
| Mercury, Total | ND | 0.144 | 0.12 | 83 | | - | - | | 70-130 | - | | 35 |

# Matrix Spike Analysis
## Batch Quality Control

**Project Name:** MAIN + HIGH
**Project Number:** 0149-013-501

**Lab Number:** L1305166
**Report Date:** 03/29/13

| Parameter | Native Sample | MS Added | MS Found | MS %Recovery | | MSD Found | MSD %Recovery | Recovery Limits | RPD | RPD Limits |
|---|---|---|---|---|---|---|---|---|---|---|
| Total Metals - Westborough Lab Associated sample(s): 07-11 QC Batch ID: WG598049-4 QC Sample: L1305166-07 Client ID: GRAB 1+2 | | | | | | | | | | |
| Aluminum, Total | 2800 | 164 | 2800 | **0** | Q | - | - | 75-125 | - | 35 |
| Antimony, Total | 0.74J | 41 | 36 | 88 | | - | - | 75-125 | - | 35 |
| Arsenic, Total | 1.2 | 9.83 | 10 | 90 | | - | - | 75-125 | - | 35 |
| Barium, Total | 14. | 164 | 160 | 89 | | - | - | 75-125 | - | 35 |
| Beryllium, Total | 0.15J | 4.1 | 3.7 | 90 | | - | - | 75-125 | - | 35 |
| Cadmium, Total | 0.23J | 4.18 | 3.6 | 86 | | - | - | 75-125 | - | 35 |
| Calcium, Total | 64000 | 819 | 59000 | **0** | Q | - | - | 75-125 | - | 35 |
| Chromium, Total | 4.0 | 16.4 | 17 | 79 | | - | - | 75-125 | - | 35 |
| Cobalt, Total | 1.9 | 41 | 35 | 81 | | - | - | 75-125 | - | 35 |
| Copper, Total | 6.9 | 20.5 | 26 | 93 | | - | - | 75-125 | - | 35 |
| Iron, Total | 5700 | 81.9 | 5500 | **0** | Q | - | - | 75-125 | - | 35 |
| Lead, Total | 6.2 | 41.8 | 39 | 78 | | - | - | 75-125 | - | 35 |
| Magnesium, Total | 20000 | 819 | 20000 | **0** | Q | - | - | 75-125 | - | 35 |
| Manganese, Total | 200 | 41 | 230 | **73** | Q | - | - | 75-125 | - | 35 |
| Nickel, Total | 3.7 | 41 | 35 | 76 | | - | - | 75-125 | - | 35 |
| Potassium, Total | 650 | 819 | 1600 | 116 | | - | - | 75-125 | - | 35 |
| Selenium, Total | 0.21J | 9.83 | 8.9 | 90 | | - | - | 75-125 | - | 35 |
| Silver, Total | ND | 24.6 | 25 | 102 | | - | - | 75-125 | - | 35 |
| Sodium, Total | 330 | 819 | 1300 | 118 | | - | - | 75-125 | - | 35 |
| Thallium, Total | 0.54J | 9.83 | 8.7 | 88 | | - | - | 75-125 | - | 35 |
| Vanadium, Total | 8.5 | 41 | 44 | 87 | | - | - | 75-125 | - | 35 |

# Matrix Spike Analysis
## Batch Quality Control

**Project Name:** MAIN + HIGH
**Project Number:** 0149-013-501

**Lab Number:** L1305166
**Report Date:** 03/29/13

| Parameter | Native Sample | MS Added | MS Found | MS %Recovery | | MSD Found | MSD %Recovery | Recovery Limits | RPD | RPD Limits |
|---|---|---|---|---|---|---|---|---|---|---|
| Total Metals - Westborough Lab Associated sample(s): 07-11 QC Batch ID: WG598049-4 QC Sample: L1305166-07 Client ID: GRAB 1+2 | | | | | | | | | | |
| Zinc, Total | 68. | 41 | 98 | **73** | Q | - | - | 75-125 | - | 35 |

# Lab Duplicate Analysis
## Batch Quality Control

**Project Name:** MAIN + HIGH
**Project Number:** 0149-013-501

**Lab Number:** L1305166
**Report Date:** 03/29/13

| Parameter | Native Sample | Duplicate Sample | Units | RPD | Qual | RPD Limits |
|---|---|---|---|---|---|---|
| Total Metals - Westborough Lab Associated sample(s): 07-11 QC Batch ID: WG597987-3 QC Sample: L1305159-01 Client ID: DUP Sample | | | | | | |
| Mercury, Total | ND | ND | mg/kg | NC | | 35 |

# Lab Duplicate Analysis
## Batch Quality Control

**Project Name:** MAIN + HIGH
**Project Number:** 0149-013-501

**Lab Number:** L1305166
**Report Date:** 03/29/13

| Parameter | Native Sample | Duplicate Sample | Units | RPD | RPD Limits |
|---|---|---|---|---|---|
| Total Metals - Westborough Lab Associated sample(s): 07-11 QC Batch ID: WG598049-3 QC Sample: L1305166-07 Client ID: GRAB 1+2 | | | | | |
| Aluminum, Total | 2800 | 2500 | mg/kg | 11 | 35 |
| Antimony, Total | 0.74J | 0.46J | mg/kg | NC | 35 |
| Arsenic, Total | 1.2 | 1.1 | mg/kg | 9 | 35 |
| Barium, Total | 14. | 12 | mg/kg | 15 | 35 |
| Beryllium, Total | 0.15J | 0.11J | mg/kg | NC | 35 |
| Cadmium, Total | 0.23J | 0.16J | mg/kg | NC | 35 |
| Chromium, Total | 4.0 | 3.8 | mg/kg | 5 | 35 |
| Cobalt, Total | 1.9 | 1.8 | mg/kg | 5 | 35 |
| Copper, Total | 6.9 | 6.6 | mg/kg | 4 | 35 |
| Iron, Total | 5700 | 5500 | mg/kg | 4 | 35 |
| Lead, Total | 6.2 | 6.2 | mg/kg | 0 | 35 |
| Magnesium, Total | 20000 | 20000 | mg/kg | 0 | 35 |
| Manganese, Total | 200 | 200 | mg/kg | 0 | 35 |
| Nickel, Total | 3.7 | 3.6 | mg/kg | 3 | 35 |
| Potassium, Total | 650 | 560 | mg/kg | 15 | 35 |
| Selenium, Total | 0.21J | 0.23J | mg/kg | NC | 35 |
| Silver, Total | ND | ND | mg/kg | NC | 35 |
| Sodium, Total | 330 | 300 | mg/kg | 10 | 35 |
| Thallium, Total | 0.54J | 0.64J | mg/kg | NC | 35 |

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**Report Date:** 03/29/13

| Parameter | Native Sample | Duplicate Sample | Units | RPD | RPD Limits |
|---|---|---|---|---|---|
| Total Metals - Westborough Lab Associated sample(s): 07-11 QC Batch ID: WG598049-3 QC Sample: L1305166-07 Client ID: GRAB 1+2 | | | | | |
| Vanadium, Total | 8.5 | 8.2 | mg/kg | 4 | 35 |
| Zinc, Total | 68. | 67 | mg/kg | 1 | 35 |
| Total Metals - Westborough Lab Associated sample(s): 07-11 QC Batch ID: WG598049-3 QC Sample: L1305166-07 Client ID: GRAB 1+2 | | | | | |
| Calcium, Total | 64000 | 52000 | mg/kg | 21 | 35 |

# INORGANICS
# &
# MISCELLANEOUS

**Project Name:** MAIN + HIGH
**Project Number:** 0149-013-501

**Lab Number:** L1305166
**Report Date:** 03/29/13

## SAMPLE RESULTS

Lab ID: L1305166-01
Client ID: GRAB 1
Sample Location: TTC
Matrix: Soil

Date Collected: 03/27/13 09:23
Date Received: 03/27/13
Field Prep: Not Specified

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Date Prepared | Date Analyzed | Analytical Method | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|
| **General Chemistry - Westborough Lab** | | | | | | | | | | |
| Solids, Total | 88.9 | | % | 0.100 | NA | 1 | - | 03/28/13 18:00 | 30,2540G | RD |

**Project Name:** MAIN + HIGH
**Project Number:** 0149-013-501

**Lab Number:** L1305166
**Report Date:** 03/29/13

## SAMPLE RESULTS

Lab ID: L1305166-02
Client ID: GRAB 2
Sample Location: TTC
Matrix: Soil

Date Collected: 03/27/13 09:18
Date Received: 03/27/13
Field Prep: Not Specified

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Date Prepared | Date Analyzed | Analytical Method | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|
| **General Chemistry - Westborough Lab** | | | | | | | | | | |
| Solids, Total | 93.7 | | % | 0.100 | NA | 1 | - | 03/28/13 18:00 | 30,2540G | RD |

**Project Name:** MAIN + HIGH
**Project Number:** 0149-013-501

**Lab Number:** L1305166
**Report Date:** 03/29/13

## SAMPLE RESULTS

Lab ID: L1305166-03
Client ID: GRAB 3
Sample Location: TTC
Matrix: Soil

Date Collected: 03/27/13 09:35
Date Received: 03/27/13
Field Prep: Not Specified

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Date Prepared | Date Analyzed | Analytical Method | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|
| **General Chemistry - Westborough Lab** | | | | | | | | | | |
| Solids, Total | 93.3 | | % | 0.100 | NA | 1 | - | 03/28/13 18:00 | 30,2540G | RD |

**Project Name:** MAIN + HIGH
**Project Number:** 0149-013-501

**Lab Number:** L1305166
**Report Date:** 03/29/13

## SAMPLE RESULTS

Lab ID: L1305166-04
Client ID: GRAB 4
Sample Location: TTC
Matrix: Soil

Date Collected: 03/27/13 09:13
Date Received: 03/27/13
Field Prep: Not Specified

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Date Prepared | Date Analyzed | Analytical Method | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|
| **General Chemistry - Westborough Lab** | | | | | | | | | | |
| Solids, Total | 96.5 | | % | 0.100 | NA | 1 | - | 03/28/13 18:00 | 30,2540G | RD |

**Project Name:** MAIN + HIGH
**Project Number:** 0149-013-501

**Lab Number:** L1305166
**Report Date:** 03/29/13

## SAMPLE RESULTS

Lab ID: L1305166-05
Client ID: GRAB 5
Sample Location: TTC
Matrix: Soil

Date Collected: 03/27/13 08:45
Date Received: 03/27/13
Field Prep: Not Specified

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Date Prepared | Date Analyzed | Analytical Method | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|
| **General Chemistry - Westborough Lab** | | | | | | | | | | |
| Solids, Total | 93.8 | | % | 0.100 | NA | 1 | - | 03/28/13 18:00 | 30,2540G | RD |

**Project Name:** MAIN + HIGH
**Project Number:** 0149-013-501

**Lab Number:** L1305166
**Report Date:** 03/29/13

## SAMPLE RESULTS

Lab ID: L1305166-06
Client ID: GRAB 6
Sample Location: TTC
Matrix: Soil

Date Collected: 03/27/13 09:07
Date Received: 03/27/13
Field Prep: Not Specified

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Date Prepared | Date Analyzed | Analytical Method | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|
| **General Chemistry - Westborough Lab** | | | | | | | | | | |
| Solids, Total | 94.2 | | % | 0.100 | NA | 1 | - | 03/28/13 18:00 | 30,2540G | RD |

**Project Name:** MAIN + HIGH
**Project Number:** 0149-013-501

**Lab Number:** L1305166
**Report Date:** 03/29/13

## SAMPLE RESULTS

Lab ID: L1305166-07
Client ID: GRAB 1+2
Sample Location: TTC
Matrix: Soil

Date Collected: 03/27/13 09:18
Date Received: 03/27/13
Field Prep: Not Specified

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Date Prepared | Date Analyzed | Analytical Method | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|
| **General Chemistry - Westborough Lab** | | | | | | | | | | |
| Solids, Total | 92.6 | | % | 0.100 | NA | 1 | - | 03/28/13 18:00 | 30,2540G | RD |

**Project Name:** MAIN + HIGH
**Project Number:** 0149-013-501

**Lab Number:** L1305166
**Report Date:** 03/29/13

## SAMPLE RESULTS

Lab ID: L1305166-08
Client ID: GRAB 3+4
Sample Location: TTC
Matrix: Soil

Date Collected: 03/27/13 09:13
Date Received: 03/27/13
Field Prep: Not Specified

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Date Prepared | Date Analyzed | Analytical Method | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|
| **General Chemistry - Westborough Lab** | | | | | | | | | | |
| Solids, Total | 92.3 | | % | 0.100 | NA | 1 | - | 03/28/13 18:00 | 30,2540G | RD |

**Project Name:** MAIN + HIGH
**Project Number:** 0149-013-501

**Lab Number:** L1305166
**Report Date:** 03/29/13

## SAMPLE RESULTS

Lab ID: L1305166-09
Client ID: GRAB 5+6
Sample Location: TTC
Matrix: Soil

Date Collected: 03/27/13 08:45
Date Received: 03/27/13
Field Prep: Not Specified

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Date Prepared | Date Analyzed | Analytical Method | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|
| **General Chemistry - Westborough Lab** | | | | | | | | | | |
| Solids, Total | 93.6 | | % | 0.100 | NA | 1 | - | 03/28/13 18:00 | 30,2540G | RD |

**Project Name:** MAIN + HIGH
**Project Number:** 0149-013-501

**Lab Number:** L1305166
**Report Date:** 03/29/13

## SAMPLE RESULTS

Lab ID: L1305166-10
Client ID: GRAB 2+3
Sample Location: TTC
Matrix: Soil

Date Collected: 03/27/13 09:18
Date Received: 03/27/13
Field Prep: Not Specified

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Date Prepared | Date Analyzed | Analytical Method | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|
| General Chemistry - Westborough Lab | | | | | | | | | | |
| Solids, Total | 93.2 | | % | 0.100 | NA | 1 | - | 03/28/13 18:00 | 30,2540G | RD |

**Project Name:** MAIN + HIGH
**Project Number:** 0149-013-501

**Lab Number:** L1305166
**Report Date:** 03/29/13

## SAMPLE RESULTS

Lab ID: L1305166-11
Client ID: GRAB 1+6
Sample Location: TTC
Matrix: Soil

Date Collected: 03/27/13 09:07
Date Received: 03/27/13
Field Prep: Not Specified

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Date Prepared | Date Analyzed | Analytical Method | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|
| **General Chemistry - Westborough Lab** | | | | | | | | | | |
| Solids, Total | 92.1 | | % | 0.100 | NA | 1 | - | 03/28/13 18:00 | 30,2540G | RD |

# Lab Duplicate Analysis
## Batch Quality Control

**Project Name:** MAIN + HIGH
**Project Number:** 0149-013-501

**Lab Number:** L1305166
**Report Date:** 03/29/13

| Parameter | Native Sample | Duplicate Sample | Units | RPD | Qual | RPD Limits |
|---|---|---|---|---|---|---|
| General Chemistry - Westborough Lab Associated sample(s): 01-11 QC Batch ID: WG598175-1 QC Sample: L1305111-01 Client ID: DUP Sample | | | | | | |
| Solids, Total | 85.3 | 84.6 | % | 1 | | 20 |

**Project Name:** MAIN + HIGH
**Project Number:** 0149-013-501

**Lab Number:** L1305166
**Report Date:** 03/29/13

## Sample Receipt and Container Information

Were project specific reporting limits specified? YES

**Reagent H2O Preserved Vials Frozen on:** NA

**Cooler Information** **Custody Seal**

| Cooler | |
|---|---|
| A | Absent |

**Container Information**

| Container ID | Container Type | Cooler | pH | Temp deg C | Pres | Seal | Analysis(*) |
|---|---|---|---|---|---|---|---|
| L1305166-01A | Vial Large unpreserved | A | N/A | 2.2 | Y | Absent | NYTCL-8260(14) |
| L1305166-01B | Plastic 2oz unpreserved for TS s | A | N/A | 2.2 | Y | Absent | TS(7) |
| L1305166-02A | Vial Large unpreserved | A | N/A | 2.2 | Y | Absent | NYTCL-8260(14) |
| L1305166-02B | Plastic 2oz unpreserved for TS s | A | N/A | 2.2 | Y | Absent | TS(7) |
| L1305166-03A | Vial Large unpreserved | A | N/A | 2.2 | Y | Absent | NYTCL-8260(14) |
| L1305166-03B | Plastic 2oz unpreserved for TS s | A | N/A | 2.2 | Y | Absent | TS(7) |
| L1305166-04A | Vial Large unpreserved | A | N/A | 2.2 | Y | Absent | NYTCL-8260(14) |
| L1305166-04B | Plastic 2oz unpreserved for TS s | A | N/A | 2.2 | Y | Absent | TS(7) |
| L1305166-05A | Vial Large unpreserved | A | N/A | 2.2 | Y | Absent | NYTCL-8260(14) |
| L1305166-05B | Plastic 2oz unpreserved for TS s | A | N/A | 2.2 | Y | Absent | TS(7) |
| L1305166-06A | Vial Large unpreserved | A | N/A | 2.2 | Y | Absent | NYTCL-8260(14) |
| L1305166-06B | Plastic 2oz unpreserved for TS s | A | N/A | 2.2 | Y | Absent | TS(7) |
| L1305166-07A | Amber 120ml unpreserved split | A | N/A | 2.2 | Y | Absent | BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),TS(7),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180) |
| L1305166-08A | Amber 120ml unpreserved split | A | N/A | 2.2 | Y | Absent | BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),TS(7),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180) |

*Values in parentheses indicate holding time in days

**Project Name:** MAIN + HIGH
**Project Number:** 0149-013-501

**Lab Number:** L1305166
**Report Date:** 03/29/13

## Container Information

| Container ID | Container Type | Cooler | pH | Temp deg C | Pres | Seal | Analysis(*) |
|---|---|---|---|---|---|---|---|
| L1305166-09A | Amber 120ml unpreserved split | A | N/A | 2.2 | Y | Absent | BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),TS(7),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180) |
| L1305166-10A | Amber 120ml unpreserved split | A | N/A | 2.2 | Y | Absent | BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),TS(7),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180) |
| L1305166-11A | Amber 120ml unpreserved split | A | N/A | 2.2 | Y | Absent | BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),TS(7),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180) |
| L1305166-12A | Amber 120ml unpreserved split | A | N/A | 2.2 | Y | Absent | COMP-S() |
| L1305166-12B | Amber 120ml unpreserved split | A | N/A | 2.2 | Y | Absent | COMP-S() |
| L1305166-13A | Amber 120ml unpreserved split | A | N/A | 2.2 | Y | Absent | COMP-S() |
| L1305166-13B | Amber 120ml unpreserved split | A | N/A | 2.2 | Y | Absent | COMP-S() |
| L1305166-14A | Amber 120ml unpreserved split | A | N/A | 2.2 | Y | Absent | COMP-S() |
| L1305166-14B | Amber 120ml unpreserved split | A | N/A | 2.2 | Y | Absent | COMP-S() |
| L1305166-15A | Amber 120ml unpreserved split | A | N/A | 2.2 | Y | Absent | COMP-S() |
| L1305166-15B | Amber 120ml unpreserved split | A | N/A | 2.2 | Y | Absent | COMP-S() |
| L1305166-16A | Amber 120ml unpreserved split | A | N/A | 2.2 | Y | Absent | COMP-S() |
| L1305166-16B | Amber 120ml unpreserved split | A | N/A | 2.2 | Y | Absent | COMP-S() |

## Container Comments

L1305166-07A

L1305166-08A

L1305166-09A

*Values in parentheses indicate holding time in days

**Project Name:** MAIN + HIGH
**Project Number:** 0149-013-501

**Lab Number:** L1305166
**Report Date:** 03/29/13

**Container Information**

| Container ID | Container Type | Cooler | pH | Temp deg C | Pres | Seal | Analysis(*) |
|---|---|---|---|---|---|---|---|

**Container Comments**

L1305166-10A

L1305166-11A

*Values in parentheses indicate holding time in days

| | | | |
|---|---|---|---|
| **Project Name:** | MAIN + HIGH | **Lab Number:** | L1305166 |
| **Project Number:** | 0149-013-501 | **Report Date:** | 03/29/13 |

## GLOSSARY

### *Acronyms*

EDL - Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).

EPA - Environmental Protection Agency.

LCS - Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LCSD - Laboratory Control Sample Duplicate: Refer to LCS.

LFB - Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

MDL - Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

MS - Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available.

MSD - Matrix Spike Sample Duplicate: Refer to MS.

NA - Not Applicable.

NC - Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.

NI - Not Ignitable.

RL - Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

RPD - Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.

SRM - Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.

### *Footnotes*

1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

### *Terms*

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

### *Data Qualifiers*

**A** - Spectra identified as "Aldol Condensation Product".

**B** - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than five times (5x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit.

**C** - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

**D** - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.

**E** - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

**G** - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

**H** - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

**I** - The RPD between the results for the two columns exceeds the method-specified criteria; however, the lower value has been reported

*Report Format:* DU Report with "J" Qualifiers

| | | | |
|---|---|---|---|
| **Project Name:** | MAIN + HIGH | **Lab Number:** | L1305166 |
| **Project Number:** | 0149-013-501 | **Report Date:** | 03/29/13 |

***Data Qualifiers***

due to obvious interference.

**M** - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

**NJ** - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.

**P** - The RPD between the results for the two columns exceeds the method-specified criteria.

**Q** - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

**R** - Analytical results are from sample re-analysis.

**RE** - Analytical results are from sample re-extraction.

**J** - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively Identified Compounds (TICs).

**ND** - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

*Report Format:* DU Report with "J" Qualifiers

| | | | |
|---|---|---|---|
| **Project Name:** | MAIN + HIGH | **Lab Number:** | L1305166 |
| **Project Number:** | 0149-013-501 | **Report Date:** | 03/29/13 |

## REFERENCES


1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - IIIA, 1997.

30 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WPCF. 18th Edition. 1992.


## LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.

# Certificate/Approval Program Summary

Last revised December 19, 2012 - Westboro Facility

The following list includes only those analytes/methods for which certification/approval is currently held.
For a complete listing of analytes for the referenced methods, please contact your Alpha Customer Service Representative.

**Connecticut Department of Public Health** Certificate/Lab ID: PH-0574. ***NELAP Accredited Solid Waste/Soil.***

*Drinking Water* (Inorganic Parameters: Color, pH, Turbidity, Conductivity, Alkalinity, Chloride, Free Residual Chlorine, Fluoride, Calcium Hardness, Sulfate, Nitrate, Nitrite, Aluminum, Antimony, Arsenic, Barium, Beryllium, Cadmium, Calcium, Chromium, Copper, Iron, Lead, Magnesium, Manganese, Mercury, Nickel, Selenium, Silver, Sodium, Thallium, Zinc, Total Dissolved Solids, Total Organic Carbon, Total Cyanide, Perchlorate. Organic Parameters: Volatile Organics 524.2, Total Trihalomethanes 524.2, 1,2-Dibromo-3-chloropropane (DBCP) 504.1, Ethylene Dibromide (EDB) 504.1, 1,4-Dioxane (Mod 8270). Microbiology Parameters: Total Coliform-MF mEndo (SM9222B), Total Coliform – Colilert (SM9223, Enumeration and P/A), E. Coli. – Colilert (SM9223, Enumeration and P/A), HPC – Pour Plate (SM9215B), Fecal Coliform – MF m-FC (SM9222D), Fecal Coliform-EC Medium (SM 9221E).

*Wastewater/Non-Potable Water* (Inorganic Parameters: Color, pH, Conductivity, Acidity, Alkalinity, Chloride, Total Residual Chlorine, Fluoride, Total Hardness, Silica, Sulfate, Sulfide, Ammonia, Kjeldahl Nitrogen, Nitrate, Nitrite, O-Phosphate, Total Phosphorus, Aluminum, Antimony, Arsenic, Barium, Beryllium, Boron, Cadmium, Calcium, Chromium, Hexavalent Chromium, Cobalt, Copper, Iron, Lead, Magnesium, Manganese, Mercury, Molybdenum, Nickel, Potassium, Selenium, Silver, Sodium, Strontium, Thallium, Tin, Titanium, Vanadium, Zinc, Total Residue (Solids), Total Dissolved Solids, Total Suspended Solids (non-filterable), BOD, CBOD, COD, TOC, Total Cyanide, Phenolics, Foaming Agents (MBAS), Bromide, Oil and Grease. Organic Parameters: PCBs, Organochlorine Pesticides, Technical Chlordane, Toxaphene, Acid Extractables (Phenols), Benzidines, Phthalate Esters, Nitrosamines, Nitroaromatics & Isophorone, Polynuclear Aromatic Hydrocarbons, Haloethers, Chlorinated Hydrocarbons, Volatile Organics, TPH (HEM/SGT), CT-Extractable Petroleum Hydrocarbons (ETPH), MA-EPH, MA-VPH. Microbiology Parameters: Total Coliform – MF mEndo (SM9222B), Total Coliform – MTF (SM9221B), E. Coli – Colilert (SM9223 Enumeration), HPC – Pour Plate (SM9215B), Fecal Coliform – MF m-FC (SM9222D), Fecal Coliform – A-1 Broth (SM9221E), Enterococcus - Enterolert.

*Solid Waste/Soil* (Inorganic Parameters: pH, Sulfide, Aluminum, Antimony, Arsenic, Barium, Beryllium, Boron, Cadmium, Calcium, Chromium, Hexavalent Chromium, Cobalt, Copper, Iron, Lead, Magnesium, Manganese, Mercury, Molybdenum, Nickel, Potassium, Selenium, Silver, Sodium, Thallium, Tin, Vanadium, Zinc, Total Cyanide, Ignitability, Phenolics, Corrosivity, TCLP Leach (1311), SPLP Leach (1312 metals only), Reactivity. Organic Parameters: PCBs, PCBs in Oil, Organochlorine Pesticides, Technical Chlordane, Toxaphene, CT-Extractable Petroleum Hydrocarbons (ETPH), MA-EPH, MA-VPH, Dicamba, 2,4-D, 2,4,5-T, 2,4,5-TP(Silvex), Dalapon, Volatile Organics (SW 8260), Acid Extractables (Phenols) (SW 8270), Benzidines (SW 8270), Phthalates (SW 8270), Nitrosamines (SW 8270), Nitroaromatics & Cyclic Ketones (SW 8270), PAHs (SW 8270), Haloethers (SW 8270), Chlorinated Hydrocarbons (SW 8270). )

**Maine Department of Human Services** Certificate/Lab ID: 2009024.
*Drinking Water* (Inorganic Parameters: SM9215B, 9222D, 9223B, EPA 180.1, 353.2, SM2130B, 2320B, 2540C, 4500Cl-D, 4500CN-C, 4500CN-E, 4500F-C, 4500H+B, 4500NO3-F, EPA 200.7, EPA 200.8, 245.1, EPA 300.0. Organic Parameters: 504.1, 524.2.)

*Wastewater/Non-Potable Water* (Inorganic Parameters: EPA 120.1, 1664A, 350.1, 351.1, 353.2, 410.4, 420.1, SM2320B, 2510B, 2540C, 2540D, 426C, 4500Cl-D, 4500Cl-E, 4500CN-C, 4500CN-E, 4500F-B, 4500F-C, 4500H+B, 4500Norg-B, 4500Norg-C, 4500NH3-B, 4500NH3-G, 4500NO3-F, 4500P-B, 4500P-E, 5210B, 5220D, 5310C, 9010B, 9040B, 9030B, 7470A, 7196A, 2340B, EPA 200.7, 6010B, 6010C, 200.8, 6020, 245.1, 1311, 1312, 3005A, Enterolert, 9223B, 9222D. Organic Parameters: 608, 624, 625, 8081A, 8081B, 8082, 8082A, 8330, 8151A, 8260B, 8260C, 8270C, 8270D, 3510C, 3630C, 5030B, ME-DRO, ME-GRO, MA-EPH, MA-VPH.)

*Solid Waste/Soil* (Inorganic Parameters: 9010B, 9012A, 9014, 9030B, 9040B, 9045C, 6010B, 6010C, 6020, 6020A, 7471A, 7471B, 7196A, 9050A, 1010, 1030, 9065, 1311, 1312, 3005A, 3050B. Organic Parameters: ME-DRO, ME-GRO, MA-EPH, MA-VPH, 8260B, 8270C, 8270D, 8330, 8151A, 8081A, 8081B, 8082, 8082A, 3540C, 3546, 3580A, 3630C, 5030B, 5035.)

**Massachusetts Department of Environmental Protection** Certificate/Lab ID: M-MA086.
*Drinking Water (*Inorganic Parameters: (EPA 200.8 for: Sb,As,Ba,Be,Cd,Cr,Cu,Pb,Ni,Se,Tl) (EPA 200.7 for: Ba,Be,Ca,Cd,Cr,Cu,Na,Ni) 245.1, (300.0 for: Nitrate-N, Fluoride, Sulfate); (EPA 353.2 for: Nitrate-N, Nitrite-N); (SM4500NO3-F for: Nitrate-N and Nitrite-N); 4500F-C, 4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, 2320B, SM2540C, SM4500H-B. Organic Parameters: (EPA 524.2 for: Trihalomethanes, Volatile Organics); (504.1 for: 1,2-Dibromoethane, 1,2-Dibromo-3-Chloropropane), EPA 332. Microbiology Parameters: SM9215B; ENZ. SUB. SM9223; ColilertOT SM9223B; MF-SM9222D.)

*Non-Potable Water (*Inorganic Parameters:, (EPA 200.8 for: Al,Sb,As,Be,Cd,Cr,Cu,Pb,Mn,Ni,Se,Ag,Tl,Zn); (EPA 200.7 for: Al,Sb,As,Be,Cd,Ca,Cr,Co,Cu,Fe,Pb,Mg,Mn,Mo,Ni,K,Se,Ag,Na,Sr,Ti,Tl,V,Zn); 245.1, SM4500H,B, EPA 120.1, SM2510B, 2540C, 2340B, 2320B, 4500CL-E, 4500F-BC, 426C, SM4500NH3-BH, (EPA 350.1 for: Ammonia-N), LACHAT 10-107-06-1-B for Ammonia-N, SM4500NO3-F, 353.2 for Nitrate-N, SM4500NH3-BC-NES, EPA 351.1, SM4500P-E, 4500P-B,E, 5220D, EPA 410.4, SM 5210B, 5310C, 4500CL-D, EPA 1664, SM14 510AC, EPA 420.1, SM4500-CN-CE, SM2540D.
Organic Parameters: (EPA 624 for Volatile Halocarbons, Volatile Aromatics),(608 for: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT,Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs-Water), (EPA 625 for SVOC Acid Extractables and SVOC Base/Neutral Extractables), 600/4-81-045-PCB-Oil. Microbiology Parameters: (ColilertQT SM9223B; Enterolert-QT: SM9222D-MF.)

**New Hampshire Department of Environmental Services** Certificate/Lab ID: 200307. ***NELAP Accredited.***
*Drinking Water* (Inorganic Parameters: SM 9222B, 9223B, 9215B, EPA 200.7, 200.8, 300.0, SM4500CN-E, 4500H+B, 4500NO3-F, 2320B, 2510B, 2540C, 4500F-C, 5310C, 2120B, EPA 332.0. Organic Parameters: 504.1, 524.2.)

*Non-Potable Water* (Inorganic Parameters: SM9222D, 9221B, 9222B, 9221E-EC, EPA 3005A, 200.7, 200.8, 245.1, SW-846 6010C, 6020A, 7196A, 7470A, SM3500-CR-D, EPA 120.1, 300.0, 350.1, 350.2, 351.1, 353.2, 410.4, 420.1, 426C, 1664A, SW-846 9010B, 9010C, 9030, 9040B, 9040C, SM2120B, 2310B, 2320B, 2340B, 2540B, 2540D, 4500H+B, 4500CL-E, 4500CN-E, 4500NH3-H, 4500NO3-F, 4500NO2-B, 4500P-E, 4500-S2-D, 4500SO3-B, 5210B, 5220D, 2510B, 2540C, 4500F-C, 5310C, 5540C, LACHAT 10-204-00-1-A, LACHAT 10-107-06-2-D, 3060A. Organic Parameters: SW-846 3510C, 3630C, 5030B, 8260C, 8270D, 8330, EPA 624, 625, 608, SW-846 8082A, 8081B, 8015C, 8151A, 8330, 8270D-SIM.)

*Solid & Chemical Materials* (Inorganic Parameters: SW-846 6010C, 6020A, 7196A, 7471B, 1010, 1010A, 1030, 9010C, 9012B, 9014, 9030B, 9040C, 9045C, 9045D, 9050, 9065, 9251, 1311, 1312, 3005A, 3050B, 3060A. Organic Parameters: SW-846 3540C, 3546, 3050B, 3580A, 3620D, 3630C, 5030B, 5035, 8260C, 8270D, 8270D-SIM, 8330, 8151A, 8015B, 8015C, 8082A, 8081B.)

**New Jersey Department of Environmental Protection** Certificate/Lab ID: MA935. ***NELAP Accredited.***
*Drinking Water* (Inorganic Parameters: SM9222B, 9221E, 9223B, 9215B, 4500CN-CE, 4500NO3-F, 4500F-C, EPA 300.0, 200.7, 200.8, 245.1, 2540C, SM2120B, 2320B, 2510B, 5310C, SM4500H-B. Organic Parameters: EPA 332, 504.1, 524.2.)

*Non-Potable Water* (Inorganic Parameters: SM5210B, EPA 410.4, SM5220D, 4500Cl-E, EPA 300.0, SM2120B, 2340B, SM4500F-BC, EPA 200.7, 200.8, 351.1, LACHAT 10-107-06-2-D, EPA 353.2, SM4500NO3-F, 4500NO2-B, EPA 1664A, SM5310B, C or D, 4500-PE, EPA 420.1, SM510ABC, SM4500P-B5+E, 2540B, 2540C, 2540D, EPA 120.1, SM2510B, SM2520B, SM15 426C, 9222D, 9221B, 9221C, 9221E, 9222B, 9215B, 2310B, 2320B, 4500NH3-H, 4500-S D, EPA 350.1, 350.2, SW-846 1312, 7470A, 5540C, SM4500H-B, 4500SO3-B, SM3500Cr-D, 4500CN-CE, EPA 245.1, SW-846 9040B, 9040C, 3005A, 3015, EPA 6010B, 6010C, 6020, 6020A, 7196A, 3060A, SW-846 9010C, 9030B. Organic Parameters: SW-846 8260B, 8260C, 8270C, 8270D, 8270C-SIM, 8270D-SIM, 3510C, EPA 608, 624, 625, SW-846 3630C, 5030B, 8011, 8015C, 8081A, 8081B, 8082, 8082A, 8151A, 8330, 1,4-Dioxane by NJ Modified 8270, 8015B, NJ EPH.)

*Solid & Chemical Materials* (Inorganic Parameters: SW-846, 6010B, 6010C, 6020, 6020A, 7196A, 3060A, 9030B, 1010, 1010A, 1030, 1311, 1312, 3005A, 3050B, 7471A, 7471B, 9010C, 9012B, 9014, 9038, 9040B, 9040C, 9045C, 9045D, 9050A, 9065, 9251. Organic Parameters: SW-846 8015B, 8015C, 8081A, 8081B, 8082, 8082A, 8151A, 8330, 8260B, 8260C, 8270C, 8270D, 8270C-SIM, 8270D-SIM, 3540C, 3546, 3580A, 3620C, 3630C, 5030B, 5035L, 5035H, NJ EPH.)

**New York Department of Health** Certificate/Lab ID: 11148. ***NELAP Accredited.***
*Drinking Water* (Inorganic Parameters: SM9223B, 9222B, 9215B, EPA 200.8, 200.7, 245.2, SM5310C, EPA 332.0, SM2320B, EPA 300.0, SM2120B, 4500CN-E, 4500F-C, 4500NO3-F, 2540C, SM 2510B. Organic Parameters: EPA 524.2, 504.1.)

*Non-Potable Water* (Inorganic Parameters: SM9221E, 9222D, 9221B, 9222B, 9215B, 5210B, 5310C, EPA 410.4, SM5220D, 2310B-4a, 2320B, EPA 200.7, 300.0, SM4500CL-E, 4500F-C, SM15 426C, EPA 350.1, SM4500NH3-BH, EPA 351.1, LACHAT 10-107-06-2, EPA 353.2, SM4500-NO3-F, 4500-NO2-B, 4500P-E, 2540C, 2540B, 2540D, EPA 200.8, EPA 6010B, 6010C, 6020, 6020A, EPA 7196A, SM3500Cr-D, EPA 245.1, 7470A, SM2120B, LACHAT 10-204-00-1-A, 4500CN-CE, EPA 1664A, EPA 420.1, SM14 510C, EPA 120.1, SM2510B, SM4500S-D, SM5540C, EPA 3005A, 3015, 9010C, 9030B. Organic Parameters: EPA 624, 8260B, 8260C, 8270C, 8270D, 8270C-SIM, 8270D-SIM, 625, 608, 8081A, 8081B, 8151A, 8330, 8082, 8082A, EPA 3510C, 5030B.)

*Solid & Hazardous Waste* (Inorganic Parameters: EPA 1010A, 1030, EPA 6010B, 6010C, 7196A, 7471A, 7471B, 9012B, 9014, 9065, 9050A, EPA 1311, 1312, 3005A, 3050B, 9010C, 9030B, 9040C, 9045D. Organic Parameters: EPA 8260B, 8260C, 8270C, 8270D, 8270C-SIM, 8270D-SIM, 8015B, 8015C, 8081A, 8081B, 8151A, 8330, 8082 8082A, 3540C,

3546, 3580A, 5030B, 5035A-H, 5035A-L.)

**North Carolina Department of the Environment and Natural Resources** Certificate/Lab ID : 666. (Inorganic Parameters: SM2310B, 2320B, 4500Cl-E, 4500Cn-E, 9014, Lachat 10-204-00-1-X, 1010A, 1030, 4500NO3-F, 353.2, 4500P-E, 4500SO4-E, 300.0, 4500S-D, 5310B, 5310C, 6010C, 6020A, 200.7, 200.8, 3500Cr-B, 7196A, 245.1, 7470A, 7471B, 1311,1312. Organic Parameters: 608, 8081B, 8082A, 624, 8260B, 625, 8270D, 8151A, 8015C, 504.1, MA-EPH, MA-VPH.)

*Drinking Water Program* Certificate/Lab ID: 25700. (Inorganic Parameters: Chloride EPA 300.0. Organic Parameters: 524.2)

**Pennsylvania Department of Environmental Protection** Certificate/Lab ID : 68-03671. ***NELAP Accredited.***
*Drinking Water* (Inorganic Parameters: 200.7, 200.8, 300.0, 332.0, 2120B, 2320B, 2510B, 2540C, 4500-CN-CE, 4500F-C, 4500H+-B, 4500NO3-F, 5310C. Organic Parameters: EPA 524.2, 504.1)

*Non-Potable Water* (Inorganic Parameters: EPA 120.1, 1312, 3005A,3015, 3060A, 200.7, 200.8, 410.4, 1664A, SM2540D, 5210B, 5220D, 4500-P,BE, 245.1, 300.0, 350.1, 350.2, 351.1, 353.2, 420.1, 6010C, 6020A, 7196A, 7470A, 9030B, 2120B, 2310B, 2320B, 2510B, 2540B, 2540C, 3500Cr-D, 426C, 4500CN-CE, 4500Cl-E, 4500F-B, 4500F-C, 4500H+-B, 4500NH3-H, 4500NO2-B, 4500NO3-F, 4500S-D, 4500SO3-B, 5310BCD, 5540C, 9010C, 9040C. Organic Parameters: EPA 3510C, 3630C, 5030B, 625, 624, 608, 8081B, 8082A, 8151A, 8260C, 8270D, 8270D-SIM, 8330, 8015C, NJ-EPH.)

*Solid & Hazardous Waste* (Inorganic Parameters: EPA 350.1, 1010, 1030, 1311, 1312, 3005A, 3050B, 3060A, 6010C, 6020A, 7196A, 7471B, 9010C, 9012B, 9014, 9040B, 9045D, 9050A, 9065, SM 4500NH3-BH, 9030B, 9038, 9251. Organic Parameters: 3540C, 3546, 3580A, 3620C, 3630C, 5035, 8015C, 8081B, 8082A, 8151A, 8260C, 8270D, 8270D-SIM, 8330, NJ-EPH.)

**Rhode Island Department of Health** Certificate/Lab ID: LAO00065. ***NELAP Accredited via NJ-DEP.***
Refer to MA-DEP Certificate for Potable and Non-Potable Water.
Refer to NJ-DEP Certificate for Potable and Non-Potable Water.

**Texas Commisson on Environmental Quality** Certificate/Lab ID: T104704476. ***NELAP Accredited.***
*Non-Potable Water* (Inorganic Parameters: EPA 120.1, 1664, 200.7, 200.8, 245.1, 245.2, 300.0, 350.1, 351.1, 353.2, 410.4, 420.1, 6010, 6020, 7196, 7470, 9040, SM 2120B, 2310B, 2320B, 2510B, 2540B, 2540C, 2540D, 426C, 4500CL-E, 4500CN-E, 4500F-C, 4500H+B, 4500NH3-H, 4500NO2B, 4500P-E, 4500 $S2^{-}$D, 510C, 5210B, 5220D, 5310C, 5540C. Organic Parameters: EPA 608, 624, 625, 8081, 8082, 8151, 8260, 8270, 8330.)

*Solid & Hazardous Waste* (Inorganic Parameters: EPA 1311, 1312, 9012, 9014, 9040, 9045, 9050, 9065.)

**Virginia Division of Consolidated Laboratory Services** Certificate/Lab ID: 460195. ***NELAP Accredited.***
*Drinking Water* (Inorganic Parameters: EPA 200.7, 200.8, 300.0, 2510B, 2120B, 2540C, 4500CN-CE, 245.2, 2320B, 4500F-C, 4500NO3-F, 5310C. Organic Parameters: EPA 504.1, 524.2.)

*Non-Potable Water* (Inorganic Parameters: EPA 120.1, 1664A, 200.7, 200.8, 245.1, 300.0, 3005A, 3015, 1312, 6010B, 6010C, 3060A, 353.2, 420.1, 6020, 6020A, SM4500S-D, SM4500-CN-CE, Lachat 10-204-00-1-X, 7196A, 7470A, 9010B, 9040B, 2310B, 2320B, 2510B, 2540B, 2540C, 3500Cr-D, 426C, 4500Cl-E, 4500F-B, 4500F-C, 4500PE, 510AC, 5210B, 5310B 5310C, 5540C. Organic Parameters: EPA 3510C, 3630C, 5030B, 8260B, 608, 624, 625, 8081A, 8081B, 8082, 8082A, 8151A, 8270C, 8270D, 8270C-SIM, 8270D-SIM, 8330, )

*Solid & Hazardous Waste* (Inorganic Parameters: EPA 1010A, 1030, 3060A, 3050B, 1311, 1312, 6010B, 6010C, 6020, , 7196A, 7471A, 7471B, 6020A, 9030B, 9010B, 9012A, 9014 9040B, 9045C, 9050A, 9065. Organic Parameters: EPA 5030B, 5035, 3540C, 3546, 355B0, 3580A, 3630C, 6020A, 8260B, 8015B, 8015C, 8081A, 8081B, 8082, 8082A, 8151A, 8270C, 8270D, 8270C-SIM, 8270D-SIM, 8330.)

**Department of Defense, L-A-B** Certificate/Lab ID: L2217.
*Drinking Water* (Inorganic Parameters: SM 4500H-B. Organic Parameters: EPA 524.2, 504.1.)

*Non-Potable Water* (Inorganic Parameters: EPA 200.7, 200.8, 6010B, 6010C, 6020, 6020A, 245.1, 245.2, 7470A, 9040B, 9010B, 180.1. 300.0, 332.0, 6860, 353.2, 410.4, 9060, 1664A, SM 4500CN-E, 4500H-B, 4500NO3-F, 4500CL-D, 5220D, 5310C, 2130B, 2320B, 2540C, 3005A, 3015, 9010B, 9056, 7196A, 3500-Cr-D. Organic Parameters: EPA 8260B, 8260C, 8270C, 8270D, 8270C-SIM, 8270D-SIM, 8330A, 8082, 8082A, 8081A, 8081B, 3510C, 5030B, MassDEP EPH, MassDEP VPH.)

*Solid & Hazardous Waste* (Inorganic Parameters: EPA 200.7, 6010B, 6010C, 7471A, 6860, 1311, 1312, 3050B, 7196A, 9010B, 9012A, 9040B, 9045C, 3500-CR-D, 4500CN-CE, 2540G, Organic Parameters: EPA 8260B, 8260C, 8270C,

8270D, 8270C-SIM, 8270D-SIM, 8330A/B-prep, 8082, 8082A, 8081A, 8081B, 3540C, 3546, 3580A, 5035A, MassDEP EPH, MassDEP VPH.)

**The following analytes are not included in our current NELAP/TNI Scope of Accreditation:**
**EPA 8260B:** Freon-113, 1,2,4,5-Tetramethylbenzene, 4-Ethyltoluene. **EPA 8330A:** PETN, Picric Acid, Nitroglycerine, 2,6-DANT, 2,4-DANT. **EPA 8270C:** Methyl naphthalene, Dimethyl naphthalene, Total Methylnapthalenes, Total Dimethylnaphthalenes, 1,4-Diphenylhydrazine (Azobenzene). **EPA 625:** 4-Chloroaniline, 4-Methylphenol. Total Phosphorus in a soil matrix, Chloride in a soil matrix, TKN in a soil matrix, NO2 in a soil matrix, NO3 in a soil matrix. **EPA 9071:** Total Petroleum Hydrocarbons, Oil & Grease.

# CHAIN OF CUSTODY

PAGE_____ OF _____

ALPHA ANALYTICAL
WESTBORO, MA TEL: 508-898-9220 FAX: 508-898-9193
MANSFIELD, MA TEL: 508-822-9300 FAX: 508-822-3288

Date Rec'd in Lab: 3/27/13

ALPHA Job #: L1305166

## Client Information

Client: Turnkey
Address: 2558 Hamburg Turnpike Buffalo NY 14028
Phone: (716) 856-0599
Fax: (716) 856-0583
Email:

☐ These samples have been previously analyzed by Alpha

## Project Information

Project Name: Main + High
Project Location: TTC
Project #: 0149-013-501
Project Manager: Mike Yount
ALPHA Quote #:

## Turn-Around Time

☐ Standard ☒ RUSH (only confirmed if pre-approved!)
Date Due: 3/29/13 Time: 1 DAY If Possible 2 DAY If 1 DAY Is Not Possible

## Report Information - Data Deliverables

☐ FAX ☒ EMAIL
☐ ADEx ☐ Add'l Deliverables

## Billing Information

☒ Same as Client info PO #:

## Regulatory Requirements/Report Limits

| State /Fed Program | Criteria |
|---|---|
| | |

Other Project Specific Requirements/Comments/Detection Limits:

| ALPHA Lab ID (Lab Use Only) | Sample ID | Collection Date | Collection Time | Sample Matrix | Sampler's Initials | ANALYSIS: STARS VOCs | TAL Metals | | |

# CHAIN OF CUSTODY

PAGE_____ OF _____

ALPHA ANALYTICAL
WESTBORO, MA TEL: 508-898-9220 FAX: 508-898-9193
MANSFIELD, MA TEL: 508-822-9300 FAX: 508-822-3288

Date Rec'd in Lab: 3/27/13

ALPHA Job #: L1305166

## Client Information

Client: Turnkey
Address: 2558 Hamburg Turnpike Buffalo NY 14028
Phone: (716) 856-0599
Fax: (716) 856-0583
Email:

☐ These samples have been previously analyzed by Alpha

## Project Information

Project Name: Main + High
Project Location: TTC
Project #: 0149-013-501
Project Manager: Mike Yount
ALPHA Quote #:

## Turn-Around Time

☐ Standard ☒ RUSH (only confirmed if pre-approved!)

Date Due: 3/29/13 Time: 1 DAY If Possible / 2 DAY If 1 DAY Is Not Possible

## Report Information - Data Deliverables

☐ FAX ☒ EMAIL
☐ ADEx ☐ Add'l Deliverables

## Billing Information

☒ Same as Client info PO #:

## Regulatory Requirements/Report Limits

| State /Fed Program | Criteria |
|---|---|
| | |

Other Project Specific Requirements/Comments/Detection Limits:

| ALPHA Lab ID (Lab Use Only) | Sample ID | Collection Date | Collection Time | Sample Matrix | Sampler's Initials | ANALYSIS: STARS VOCs | TAL Metals | SAMPLE HANDLING: Filtration ☐ Done ☐ Not needed ☐ Lab to do; Preservation ☐ Lab to do (Please specify below) | Sample Specific Comments | TOTAL # BOTTLES |
|---|---|---|---|---|---|---|---|---|---|---|
| 05766.11,7,1 | Grab 1 | 3/27/13 | 9:23 | SOIL | JAE | X | | | TAL Metals - | |
| 10,7,2 | Grab 2 | | 9:18 | | | X | | | Comp Samples | |
| 10,8,3 | Grab 3 | | 9:35 | | | X | | | Grabs 1+2 | |
| 8,4 | Grab 4 | | 9:13 | | | X | | | " 3+4 | |
| 9,5 | Grab 5 | | 8:45 | | | X | | | " 5+6 | |
| 11,9,6 | Grab 6 | | 9:07 | | | X | | | " 2+3 | |
| | | | | | | | | | " 1+6 | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |

| Container Type | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Preservative | | | | | | | | | | | |

| Relinquished By: | Date/Time | Received By: | Date/Time |
|---|---|---|---|
| | 3/27/13 10:00 | | 3-27-13 1000 |
| | 3-27-13 1900 | | 3-27-13 1900 |
| | 3-27-13 2115 | | 3/27/13 21— |
| | 3/27/13 2346 | | 3/27/13 2340 |

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. All samples submitted are subject to Alpha's Terms and Conditions. See reverse side.

FORM NO: 01-01 (rev. 14-OCT-07)

# ANALYTICAL REPORT

| | |
|---|---|
| Lab Number: | L1305349 |
| Client: | Benchmark & Turnkey Companies<br>2558 Hamburg Turnpike<br>Suite 300<br>Buffalo, NY 14218 |
| ATTN: | Mike Yount |
| Phone: | (716) 856-0599 |
| Project Name: | MAIN + HIGH |
| Project Number: | 0149-013-501 |
| Report Date: | 04/01/13 |

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Certifications & Approvals: MA (M-MA086), NY (11148), CT (PH-0574), NH (2003), NJ NELAP (MA935), RI (LAO00065), ME (MA00086), PA (68-03671), USDA (Permit #P-330-11-00240), NC (666), TX (T104704476), DOD (L2217), US Army Corps of Engineers.

Eight Walkup Drive, Westborough, MA 01581-1019
508-898-9220 (Fax) 508-898-9193 800-624-9220 - www.alphalab.com

**Project Name:** MAIN + HIGH
**Project Number:** 0149-013-501

**Lab Number:** L1305349
**Report Date:** 04/01/13

| Alpha Sample ID | Client ID | Sample Location | Collection Date/Time |
|---|---|---|---|
| L1305349-01 | GRAB 7 | TON. TERMINAL | 03/29/13 13:00 |
| L1305349-02 | GRAB 8 | TON. TERMINAL | 03/29/13 13:30 |
| L1305349-03 | GRAB 9 | TON. TERMINAL | 03/29/13 14:00 |

**Project Name:** MAIN + HIGH
**Project Number:** 0149-013-501

**Lab Number:** L1305349
**Report Date:** 04/01/13

## Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet all of the requirements of NELAC, for all NELAC accredited parameters. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively. When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. Performance criteria for CAM and RCP methods allow for some LCS compound failures to occur and still be within method compliance. In these instances, the specific failures are not narrated but are noted in the associated QC table. This information is also incorporated in the Data Usability format for our Data Merger tool where it can be reviewed along with any associated usability implications. Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances the specific failure is not narrated but noted in the associated QC table. The information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated usability implications.

Please see the associated ADEx data file for a comparison of laboratory reporting limits that were achieved with the regulatory Numerical Standards requested on the Chain of Custody.

HOLD POLICY
For samples submitted on hold, Alpha's policy is to hold samples free of charge for 30 days from the date the project is completed. After 30 days, we will dispose of all samples submitted including those put on hold unless you have contacted your Client Service Representative and made arrangements for Alpha to continue to hold the samples.

Please contact Client Services at 800-624-9220 with any questions.

**Project Name:** MAIN + HIGH
**Project Number:** 0149-013-501

**Lab Number:** L1305349
**Report Date:** 04/01/13

**Case Narrative (continued)**

Report Submission

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

Volatile Organics

Any reported concentrations that are below 200 ug/kg may be biased low due to the sample not being collected according to 5035-L/5035A-L low-level specifications.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature: Michelle M. Morris

Title: Technical Director/Representative Date: 04/01/13

# ORGANICS

# VOLATILES

**Project Name:** MAIN + HIGH **Lab Number:** L1305349

**Project Number:** 0149-013-501 **Report Date:** 04/01/13

## SAMPLE RESULTS

Lab ID: L1305349-01 D
Client ID: GRAB 7
Sample Location: TON. TERMINAL
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 03/30/13 15:45
Analyst: JC
Percent Solids: 94%

Date Collected: 03/29/13 13:00
Date Received: 03/29/13
Field Prep: Not Specified

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **Volatile Organics by GC/MS - Westborough Lab** | | | | | | |
| Benzene | ND | | ug/kg | 5.3 | 0.63 | 5 |
| Toluene | ND | | ug/kg | 8.0 | 0.60 | 5 |
| Ethylbenzene | ND | | ug/kg | 5.3 | 0.78 | 5 |
| Methyl tert butyl ether | ND | | ug/kg | 11 | 0.56 | 5 |
| p/m-Xylene | 22 | | ug/kg | 11 | 1.7 | 5 |
| o-Xylene | 18 | | ug/kg | 11 | 1.4 | 5 |
| n-Butylbenzene | ND | | ug/kg | 5.3 | 1.0 | 5 |
| sec-Butylbenzene | ND | | ug/kg | 5.3 | 1.1 | 5 |
| tert-Butylbenzene | ND | | ug/kg | 27 | 3.0 | 5 |
| Isopropylbenzene | ND | | ug/kg | 5.3 | 0.89 | 5 |
| p-Isopropyltoluene | ND | | ug/kg | 5.3 | 1.0 | 5 |
| Naphthalene | 320 | | ug/kg | 27 | 4.1 | 5 |
| n-Propylbenzene | ND | | ug/kg | 5.3 | 0.67 | 5 |
| 1,3,5-Trimethylbenzene | 81 | | ug/kg | 27 | 0.76 | 5 |
| 1,2,4-Trimethylbenzene | 310 | | ug/kg | 27 | 3.0 | 5 |

| Surrogate | % Recovery | Qualifier | Acceptance Criteria |
|---|---|---|---|
| 1,2-Dichloroethane-d4 | 96 | | 70-130 |
| Toluene-d8 | 96 | | 70-130 |
| 4-Bromofluorobenzene | 100 | | 70-130 |
| Dibromofluoromethane | 96 | | 70-130 |

**Project Name:** MAIN + HIGH
**Lab Number:** L1305349
**Project Number:** 0149-013-501
**Report Date:** 04/01/13

## SAMPLE RESULTS

Lab ID: L1305349-02 D
Client ID: GRAB 8
Sample Location: TON. TERMINAL
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 03/30/13 16:13
Analyst: JC
Percent Solids: 93%

Date Collected: 03/29/13 13:30
Date Received: 03/29/13
Field Prep: Not Specified

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **Volatile Organics by GC/MS - Westborough Lab** | | | | | | |
| Benzene | ND | | ug/kg | 5.4 | 0.64 | 5 |
| Toluene | ND | | ug/kg | 8.1 | 0.60 | 5 |
| Ethylbenzene | ND | | ug/kg | 5.4 | 0.80 | 5 |
| Methyl tert butyl ether | ND | | ug/kg | 11 | 0.56 | 5 |
| p/m-Xylene | 30 | | ug/kg | 11 | 1.7 | 5 |
| o-Xylene | 26 | | ug/kg | 11 | 1.5 | 5 |
| n-Butylbenzene | ND | | ug/kg | 5.4 | 1.1 | 5 |
| sec-Butylbenzene | ND | | ug/kg | 5.4 | 1.1 | 5 |
| tert-Butylbenzene | ND | | ug/kg | 27 | 3.0 | 5 |
| Isopropylbenzene | ND | | ug/kg | 5.4 | 0.90 | 5 |
| p-Isopropyltoluene | ND | | ug/kg | 5.4 | 1.0 | 5 |
| Naphthalene | 250 | | ug/kg | 27 | 4.2 | 5 |
| n-Propylbenzene | ND | | ug/kg | 5.4 | 0.68 | 5 |
| 1,3,5-Trimethylbenzene | 99 | | ug/kg | 27 | 0.77 | 5 |
| 1,2,4-Trimethylbenzene | 350 | | ug/kg | 27 | 3.1 | 5 |

| Surrogate | % Recovery | Qualifier | Acceptance Criteria |
|---|---|---|---|
| 1,2-Dichloroethane-d4 | 97 | | 70-130 |
| Toluene-d8 | 96 | | 70-130 |
| 4-Bromofluorobenzene | 99 | | 70-130 |
| Dibromofluoromethane | 97 | | 70-130 |

**Project Name:** MAIN + HIGH
**Lab Number:** L1305349
**Project Number:** 0149-013-501
**Report Date:** 04/01/13

## SAMPLE RESULTS

Lab ID: L1305349-03
Client ID: GRAB 9
Sample Location: TON. TERMINAL
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 03/30/13 15:18
Analyst: JC
Percent Solids: 88%

Date Collected: 03/29/13 14:00
Date Received: 03/29/13
Field Prep: Not Specified

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **Volatile Organics by GC/MS - Westborough Lab** | | | | | | |
| Benzene | ND | | ug/kg | 1.1 | 0.13 | 1 |
| Toluene | ND | | ug/kg | 1.7 | 0.13 | 1 |
| Ethylbenzene | ND | | ug/kg | 1.1 | 0.17 | 1 |
| Methyl tert butyl ether | ND | | ug/kg | 2.3 | 0.12 | 1 |
| p/m-Xylene | ND | | ug/kg | 2.3 | 0.37 | 1 |
| o-Xylene | ND | | ug/kg | 2.3 | 0.31 | 1 |
| n-Butylbenzene | ND | | ug/kg | 1.1 | 0.22 | 1 |
| sec-Butylbenzene | ND | | ug/kg | 1.1 | 0.23 | 1 |
| tert-Butylbenzene | ND | | ug/kg | 5.7 | 0.64 | 1 |
| Isopropylbenzene | ND | | ug/kg | 1.1 | 0.19 | 1 |
| p-Isopropyltoluene | ND | | ug/kg | 1.1 | 0.22 | 1 |
| Naphthalene | ND | | ug/kg | 5.7 | 0.87 | 1 |
| n-Propylbenzene | ND | | ug/kg | 1.1 | 0.14 | 1 |
| 1,3,5-Trimethylbenzene | 1.2 | J | ug/kg | 5.7 | 0.16 | 1 |
| 1,2,4-Trimethylbenzene | ND | | ug/kg | 5.7 | 0.65 | 1 |

| Surrogate | % Recovery | Qualifier | Acceptance Criteria |
|---|---|---|---|
| 1,2-Dichloroethane-d4 | 98 | | 70-130 |
| Toluene-d8 | 95 | | 70-130 |
| 4-Bromofluorobenzene | 98 | | 70-130 |
| Dibromofluoromethane | 97 | | 70-130 |

**Project Name:** MAIN + HIGH
**Project Number:** 0149-013-501

**Lab Number:** L1305349
**Report Date:** 04/01/13

# Method Blank Analysis
## Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 03/30/13 12:06
Analyst: JC

| Parameter | Result | Qualifier | Units | RL | MDL |
|---|---|---|---|---|---|
| Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-03 Batch: WG598680-3 | | | | | |
| Benzene | ND | | ug/kg | 1.0 | 0.12 |
| Toluene | 0.24 | J | ug/kg | 1.5 | 0.11 |
| Ethylbenzene | ND | | ug/kg | 1.0 | 0.15 |
| Methyl tert butyl ether | ND | | ug/kg | 2.0 | 0.10 |
| p/m-Xylene | ND | | ug/kg | 2.0 | 0.32 |
| o-Xylene | ND | | ug/kg | 2.0 | 0.27 |
| n-Butylbenzene | ND | | ug/kg | 1.0 | 0.20 |
| sec-Butylbenzene | ND | | ug/kg | 1.0 | 0.20 |
| tert-Butylbenzene | ND | | ug/kg | 5.0 | 0.56 |
| Isopropylbenzene | ND | | ug/kg | 1.0 | 0.17 |
| p-Isopropyltoluene | ND | | ug/kg | 1.0 | 0.19 |
| Naphthalene | ND | | ug/kg | 5.0 | 0.77 |
| n-Propylbenzene | ND | | ug/kg | 1.0 | 0.12 |
| 1,3,5-Trimethylbenzene | ND | | ug/kg | 5.0 | 0.14 |
| 1,2,4-Trimethylbenzene | ND | | ug/kg | 5.0 | 0.57 |

| Surrogate | %Recovery | Qualifier | Acceptance Criteria |
|---|---|---|---|
| 1,2-Dichloroethane-d4 | 98 | | 70-130 |
| Toluene-d8 | 96 | | 70-130 |
| 4-Bromofluorobenzene | 98 | | 70-130 |
| Dibromofluoromethane | 97 | | 70-130 |

# Lab Control Sample Analysis

## Batch Quality Control

**Project Name:** MAIN + HIGH

**Project Number:** 0149-013-501

**Lab Number:** L1305349

**Report Date:** 04/01/13

| Parameter | LCS %Recovery | Qual | LCSD %Recovery | Qual | %Recovery Limits | RPD | Qual | RPD Limits |
|---|---|---|---|---|---|---|---|---|
| Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-03 Batch: WG598680-1 WG598680-2 | | | | | | | | |
| Methylene chloride | 99 | | 94 | | 70-130 | 5 | | 30 |
| 1,1-Dichloroethane | 93 | | 89 | | 70-130 | 4 | | 30 |
| Chloroform | 92 | | 90 | | 70-130 | 2 | | 30 |
| Carbon tetrachloride | 88 | | 83 | | 70-130 | 6 | | 30 |
| 1,2-Dichloropropane | 94 | | 92 | | 70-130 | 2 | | 30 |
| Dibromochloromethane | 92 | | 90 | | 70-130 | 2 | | 30 |
| 2-Chloroethylvinyl ether | 99 | | 99 | | | 0 | | 30 |
| 1,1,2-Trichloroethane | 92 | | 90 | | 70-130 | 2 | | 30 |
| Tetrachloroethene | 85 | | 81 | | 70-130 | 5 | | 30 |
| Chlorobenzene | 89 | | 85 | | 70-130 | 5 | | 30 |
| Trichlorofluoromethane | 91 | | 86 | | 70-139 | 6 | | 30 |
| 1,2-Dichloroethane | 96 | | 95 | | 70-130 | 1 | | 30 |
| 1,1,1-Trichloroethane | 89 | | 85 | | 70-130 | 5 | | 30 |
| Bromodichloromethane | 94 | | 91 | | 70-130 | 3 | | 30 |
| trans-1,3-Dichloropropene | 91 | | 89 | | 70-130 | 2 | | 30 |
| cis-1,3-Dichloropropene | 95 | | 92 | | 70-130 | 3 | | 30 |
| 1,1-Dichloropropene | 88 | | 84 | | 70-130 | 5 | | 30 |
| Bromoform | 89 | | 90 | | 70-130 | 1 | | 30 |
| 1,1,2,2-Tetrachloroethane | 90 | | 90 | | 70-130 | 0 | | 30 |
| Benzene | 93 | | 88 | | 70-130 | 6 | | 30 |
| Toluene | 85 | | 80 | | 70-130 | 6 | | 30 |

# Lab Control Sample Analysis

## Batch Quality Control

**Project Name:** MAIN + HIGH

**Project Number:** 0149-013-501

**Lab Number:** L1305349

**Report Date:** 04/01/13

| Parameter | LCS %Recovery | Qual | LCSD %Recovery | Qual | %Recovery Limits | RPD | Qual | RPD Limits |
|---|---|---|---|---|---|---|---|---|
| Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-03 Batch: WG598680-1 WG598680-2 | | | | | | | | |
| Ethylbenzene | 86 | | 82 | | 70-130 | 5 | | 30 |
| Chloromethane | 103 | | 96 | | 52-130 | 7 | | 30 |
| Bromomethane | 108 | | 98 | | 57-147 | 10 | | 30 |
| Vinyl chloride | 94 | | 88 | | 67-130 | 7 | | 30 |
| Chloroethane | 98 | | 92 | | 50-151 | 6 | | 30 |
| 1,1-Dichloroethene | 91 | | 85 | | 65-135 | 7 | | 30 |
| trans-1,2-Dichloroethene | 93 | | 87 | | 70-130 | 7 | | 30 |
| Trichloroethene | 91 | | 86 | | 70-130 | 6 | | 30 |
| 1,2-Dichlorobenzene | 87 | | 85 | | 70-130 | 2 | | 30 |
| 1,3-Dichlorobenzene | 86 | | 83 | | 70-130 | 4 | | 30 |
| 1,4-Dichlorobenzene | 87 | | 84 | | 70-130 | 4 | | 30 |
| Methyl tert butyl ether | 98 | | 95 | | 66-130 | 3 | | 30 |
| p/m-Xylene | 87 | | 83 | | 70-130 | 5 | | 30 |
| o-Xylene | 89 | | 85 | | 70-130 | 5 | | 30 |
| cis-1,2-Dichloroethene | 94 | | 91 | | 70-130 | 3 | | 30 |
| Dibromomethane | 96 | | 96 | | 70-130 | 0 | | 30 |
| Styrene | 90 | | 87 | | 70-130 | 3 | | 30 |
| Dichlorodifluoromethane | 98 | | 92 | | 30-146 | 6 | | 30 |
| Acetone | 103 | | 92 | | 54-140 | 11 | | 30 |
| Carbon disulfide | 92 | | 86 | | 59-130 | 7 | | 30 |
| 2-Butanone | 91 | | 84 | | 70-130 | 8 | | 30 |

# Lab Control Sample Analysis

## Batch Quality Control

**Project Name:** MAIN + HIGH

**Project Number:** 0149-013-501

**Lab Number:** L1305349

**Report Date:** 04/01/13

| Parameter | LCS %Recovery | Qual | LCSD %Recovery | Qual | %Recovery Limits | RPD | Qual | RPD Limits |
|---|---|---|---|---|---|---|---|---|
| Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-03 Batch: WG598680-1 WG598680-2 | | | | | | | | |
| Vinyl acetate | 99 | | 96 | | 70-130 | 3 | | 30 |
| 4-Methyl-2-pentanone | 98 | | 98 | | 70-130 | 0 | | 30 |
| 1,2,3-Trichloropropane | 90 | | 88 | | 68-130 | 2 | | 30 |
| 2-Hexanone | 92 | | 88 | | 70-130 | 4 | | 30 |
| Bromochloromethane | 98 | | 96 | | 70-130 | 2 | | 30 |
| 2,2-Dichloropropane | 90 | | 85 | | 70-130 | 6 | | 30 |
| 1,2-Dibromoethane | 94 | | 92 | | 70-130 | 2 | | 30 |
| 1,3-Dichloropropane | 90 | | 90 | | 69-130 | 0 | | 30 |
| 1,1,1,2-Tetrachloroethane | 90 | | 87 | | 70-130 | 3 | | 30 |
| Bromobenzene | 88 | | 85 | | 70-130 | 3 | | 30 |
| n-Butylbenzene | 83 | | 78 | | 70-130 | 6 | | 30 |
| sec-Butylbenzene | 82 | | 78 | | 70-130 | 5 | | 30 |
| tert-Butylbenzene | 84 | | 78 | | 70-130 | 7 | | 30 |
| o-Chlorotoluene | 85 | | 80 | | 70-130 | 6 | | 30 |
| p-Chlorotoluene | 86 | | 82 | | 70-130 | 5 | | 30 |
| 1,2-Dibromo-3-chloropropane | 98 | | 95 | | 68-130 | 3 | | 30 |
| Hexachlorobutadiene | 81 | | 77 | | 67-130 | 5 | | 30 |
| Isopropylbenzene | 86 | | 82 | | 70-130 | 5 | | 30 |
| p-Isopropyltoluene | 84 | | 79 | | 70-130 | 6 | | 30 |
| Naphthalene | 89 | | 88 | | 70-130 | 1 | | 30 |
| Acrylonitrile | 103 | | 100 | | 70-130 | 3 | | 30 |

# Lab Control Sample Analysis

## Batch Quality Control

**Project Name:** MAIN + HIGH

**Project Number:** 0149-013-501

**Lab Number:** L1305349

**Report Date:** 04/01/13

| Parameter | LCS %Recovery | Qual | LCSD %Recovery | Qual | %Recovery Limits | RPD | Qual | RPD Limits |
|---|---|---|---|---|---|---|---|---|
| Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-03 Batch: WG598680-1 WG598680-2 | | | | | | | | |
| Isopropyl Ether | 96 | | 93 | | 66-130 | 3 | | 30 |
| tert-Butyl Alcohol | 90 | | 90 | | 70-130 | 0 | | 30 |
| n-Propylbenzene | 83 | | 78 | | 70-130 | 6 | | 30 |
| 1,2,3-Trichlorobenzene | 87 | | 86 | | 70-130 | 1 | | 30 |
| 1,2,4-Trichlorobenzene | 89 | | 86 | | 70-130 | 3 | | 30 |
| 1,3,5-Trimethylbenzene | 85 | | 81 | | 70-130 | 5 | | 30 |
| 1,2,4-Trimethylbenzene | 85 | | 81 | | 70-130 | 5 | | 30 |
| Methyl Acetate | 98 | | 97 | | 70-130 | 1 | | 30 |
| Ethyl Acetate | 102 | | 103 | | 70-130 | 1 | | 30 |
| Acrolein | 78 | | 77 | | 70-130 | 1 | | 30 |
| Cyclohexane | 89 | | 83 | | 70-130 | 7 | | 30 |
| 1,4-Dioxane | 105 | | 106 | | 65-136 | 1 | | 30 |
| 1,1,2-Trichloro-1,2,2-Trifluoroethane | 90 | | 85 | | 70-130 | 6 | | 30 |
| 1,4-Diethylbenzene | 91 | | 87 | | 70-130 | 4 | | 30 |
| 4-Ethyltoluene | 92 | | 88 | | 70-130 | 4 | | 30 |
| 1,2,4,5-Tetramethylbenzene | 93 | | 90 | | 70-130 | 3 | | 30 |
| Tetrahydrofuran | 99 | | 96 | | 66-130 | 3 | | 30 |
| Ethyl ether | 95 | | 94 | | 67-130 | 1 | | 30 |
| trans-1,4-Dichloro-2-butene | 92 | | 90 | | 70-130 | 2 | | 30 |
| Methyl cyclohexane | 88 | | 83 | | 70-130 | 6 | | 30 |
| Ethyl-Tert-Butyl-Ether | 96 | | 94 | | 70-130 | 2 | | 30 |

# Lab Control Sample Analysis

## Batch Quality Control

**Project Name:** MAIN + HIGH

**Project Number:** 0149-013-501

**Lab Number:** L1305349

**Report Date:** 04/01/13

| Parameter | LCS %Recovery | Qual | LCSD %Recovery | Qual | %Recovery Limits | RPD | Qual | RPD Limits |
|---|---|---|---|---|---|---|---|---|
| Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-03 Batch: WG598680-1 WG598680-2 | | | | | | | | |
| Tertiary-Amyl Methyl Ether | 96 | | 95 | | 70-130 | 1 | | 30 |

| Surrogate | LCS %Recovery | Qual | LCSD %Recovery | Qual | Acceptance Criteria |
|---|---|---|---|---|---|
| 1,2-Dichloroethane-d4 | 95 | | 97 | | 70-130 |
| Toluene-d8 | 97 | | 97 | | 70-130 |
| 4-Bromofluorobenzene | 99 | | 99 | | 70-130 |
| Dibromofluoromethane | 98 | | 99 | | 70-130 |

# INORGANICS
# &
# MISCELLANEOUS

**Project Name:** MAIN + HIGH
**Project Number:** 0149-013-501

**Lab Number:** L1305349
**Report Date:** 04/01/13

## SAMPLE RESULTS

Lab ID: L1305349-01
Client ID: GRAB 7
Sample Location: TON. TERMINAL
Matrix: Soil

Date Collected: 03/29/13 13:00
Date Received: 03/29/13
Field Prep: Not Specified

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Date Prepared | Date Analyzed | Analytical Method | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|
| **General Chemistry - Westborough Lab** | | | | | | | | | | |
| Solids, Total | 93.8 | | % | 0.100 | NA | 1 | - | 03/30/13 01:35 | 30,2540G | TA |

**Project Name:** MAIN + HIGH
**Project Number:** 0149-013-501

**Lab Number:** L1305349
**Report Date:** 04/01/13

## SAMPLE RESULTS

Lab ID: L1305349-02
Client ID: GRAB 8
Sample Location: TON. TERMINAL
Matrix: Soil

Date Collected: 03/29/13 13:30
Date Received: 03/29/13
Field Prep: Not Specified

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Date Prepared | Date Analyzed | Analytical Method | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|
| **General Chemistry - Westborough Lab** | | | | | | | | | | |
| Solids, Total | 92.7 | | % | 0.100 | NA | 1 | - | 03/30/13 01:35 | 30,2540G | TA |

**Project Name:** MAIN + HIGH
**Project Number:** 0149-013-501

**Lab Number:** L1305349
**Report Date:** 04/01/13

## SAMPLE RESULTS

Lab ID: L1305349-03
Client ID: GRAB 9
Sample Location: TON. TERMINAL
Matrix: Soil

Date Collected: 03/29/13 14:00
Date Received: 03/29/13
Field Prep: Not Specified

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Date Prepared | Date Analyzed | Analytical Method | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|
| **General Chemistry - Westborough Lab** | | | | | | | | | | |
| Solids, Total | 88.0 | | % | 0.100 | NA | 1 | - | 03/30/13 01:35 | 30,2540G | TA |

# Lab Duplicate Analysis
## Batch Quality Control

**Project Name:** MAIN + HIGH
**Project Number:** 0149-013-501

**Lab Number:** L1305349
**Report Date:** 04/01/13

| Parameter | Native Sample | Duplicate Sample | Units | RPD | Qual | RPD Limits |
|---|---|---|---|---|---|---|
| General Chemistry - Westborough Lab Associated sample(s): 01-03 QC Batch ID: WG598496-1 QC Sample: L1305349-01 Client ID: GRAB 7 | | | | | | |
| Solids, Total | 93.8 | 93.6 | % | 0 | | 20 |

**Project Name:** MAIN + HIGH
**Project Number:** 0149-013-501

**Lab Number:** L1305349
**Report Date:** 04/01/13

## Sample Receipt and Container Information

Were project specific reporting limits specified? YES

**Reagent H2O Preserved Vials Frozen on:** NA

**Cooler Information** **Custody Seal**

| Cooler | |
|---|---|
| A | Absent |

**Container Information**

| Container ID | Container Type | Cooler | pH | Temp deg C | Pres | Seal | Analysis(*) |
|---|---|---|---|---|---|---|---|
| L1305349-01A | Amber 120ml unpreserved | A | N/A | 2.6 | Y | Absent | NYTCL-8260(14) |
| L1305349-01B | Amber 120ml unpreserved | A | N/A | 2.6 | Y | Absent | TS(7) |
| L1305349-02A | Amber 120ml unpreserved | A | N/A | 2.6 | Y | Absent | NYTCL-8260(14) |
| L1305349-02B | Amber 120ml unpreserved | A | N/A | 2.6 | Y | Absent | TS(7) |
| L1305349-03A | Amber 120ml unpreserved | A | N/A | 2.6 | Y | Absent | NYTCL-8260(14) |
| L1305349-03B | Amber 120ml unpreserved | A | N/A | 2.6 | Y | Absent | TS(7) |

*Values in parentheses indicate holding time in days

| | | | |
|---|---|---|---|
| **Project Name:** | MAIN + HIGH | **Lab Number:** | L1305349 |
| **Project Number:** | 0149-013-501 | **Report Date:** | 04/01/13 |

## GLOSSARY

### *Acronyms*

EDL - Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).

EPA - Environmental Protection Agency.

LCS - Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LCSD - Laboratory Control Sample Duplicate: Refer to LCS.

LFB - Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

MDL - Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

MS - Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available.

MSD - Matrix Spike Sample Duplicate: Refer to MS.

NA - Not Applicable.

NC - Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.

NI - Not Ignitable.

RL - Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

RPD - Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.

SRM - Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.

### *Footnotes*

1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

### *Terms*

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

### *Data Qualifiers*

**A** - Spectra identified as "Aldol Condensation Product".

**B** - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than five times (5x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit.

**C** - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

**D** - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.

**E** - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

**G** - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

**H** - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

**I** - The RPD between the results for the two columns exceeds the method-specified criteria; however, the lower value has been reported

*Report Format:* DU Report with "J" Qualifiers

| | | | |
|---|---|---|---|
| **Project Name:** | MAIN + HIGH | **Lab Number:** | L1305349 |
| **Project Number:** | 0149-013-501 | **Report Date:** | 04/01/13 |

***Data Qualifiers***

due to obvious interference.

**M** - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

**NJ** - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.

**P** - The RPD between the results for the two columns exceeds the method-specified criteria.

**Q** - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

**R** - Analytical results are from sample re-analysis.

**RE** - Analytical results are from sample re-extraction.

**J** - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively Identified Compounds (TICs).

**ND** - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

*Report Format:* DU Report with "J" Qualifiers

| | | | |
|---|---|---|---|
| **Project Name:** | MAIN + HIGH | **Lab Number:** | L1305349 |
| **Project Number:** | 0149-013-501 | **Report Date:** | 04/01/13 |

## REFERENCES


1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - IIIA, 1997.

30 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WPCF. 18th Edition. 1992.


## LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.

# Certificate/Approval Program Summary

Last revised December 19, 2012 - Westboro Facility

The following list includes only those analytes/methods for which certification/approval is currently held.
For a complete listing of analytes for the referenced methods, please contact your Alpha Customer Service Representative.

**Connecticut Department of Public Health** Certificate/Lab ID: PH-0574. ***NELAP Accredited Solid Waste/Soil.***

*Drinking Water* (Inorganic Parameters: Color, pH, Turbidity, Conductivity, Alkalinity, Chloride, Free Residual Chlorine, Fluoride, Calcium Hardness, Sulfate, Nitrate, Nitrite, Aluminum, Antimony, Arsenic, Barium, Beryllium, Cadmium, Calcium, Chromium, Copper, Iron, Lead, Magnesium, Manganese, Mercury, Nickel, Selenium, Silver, Sodium, Thallium, Zinc, Total Dissolved Solids, Total Organic Carbon, Total Cyanide, Perchlorate. Organic Parameters: Volatile Organics 524.2, Total Trihalomethanes 524.2, 1,2-Dibromo-3-chloropropane (DBCP) 504.1, Ethylene Dibromide (EDB) 504.1, 1,4-Dioxane (Mod 8270). Microbiology Parameters: Total Coliform-MF mEndo (SM9222B), Total Coliform – Colilert (SM9223, Enumeration and P/A), E. Coli. – Colilert (SM9223, Enumeration and P/A), HPC – Pour Plate (SM9215B), Fecal Coliform – MF m-FC (SM9222D), Fecal Coliform-EC Medium (SM 9221E).

*Wastewater/Non-Potable Water* (Inorganic Parameters: Color, pH, Conductivity, Acidity, Alkalinity, Chloride, Total Residual Chlorine, Fluoride, Total Hardness, Silica, Sulfate, Sulfide, Ammonia, Kjeldahl Nitrogen, Nitrate, Nitrite, O-Phosphate, Total Phosphorus, Aluminum, Antimony, Arsenic, Barium, Beryllium, Boron, Cadmium, Calcium, Chromium, Hexavalent Chromium, Cobalt, Copper, Iron, Lead, Magnesium, Manganese, Mercury, Molybdenum, Nickel, Potassium, Selenium, Silver, Sodium, Strontium, Thallium, Tin, Titanium, Vanadium, Zinc, Total Residue (Solids), Total Dissolved Solids, Total Suspended Solids (non-filterable), BOD, CBOD, COD, TOC, Total Cyanide, Phenolics, Foaming Agents (MBAS), Bromide, Oil and Grease. Organic Parameters: PCBs, Organochlorine Pesticides, Technical Chlordane, Toxaphene, Acid Extractables (Phenols), Benzidines, Phthalate Esters, Nitrosamines, Nitroaromatics & Isophorone, Polynuclear Aromatic Hydrocarbons, Haloethers, Chlorinated Hydrocarbons, Volatile Organics, TPH (HEM/SGT), CT-Extractable Petroleum Hydrocarbons (ETPH), MA-EPH, MA-VPH. Microbiology Parameters: Total Coliform – MF mEndo (SM9222B), Total Coliform – MTF (SM9221B), E. Coli – Colilert (SM9223 Enumeration), HPC – Pour Plate (SM9215B), Fecal Coliform – MF m-FC (SM9222D), Fecal Coliform – A-1 Broth (SM9221E), Enterococcus - Enterolert.

*Solid Waste/Soil* (Inorganic Parameters: pH, Sulfide, Aluminum, Antimony, Arsenic, Barium, Beryllium, Boron, Cadmium, Calcium, Chromium, Hexavalent Chromium, Cobalt, Copper, Iron, Lead, Magnesium, Manganese, Mercury, Molybdenum, Nickel, Potassium, Selenium, Silver, Sodium, Thallium, Tin, Vanadium, Zinc, Total Cyanide, Ignitability, Phenolics, Corrosivity, TCLP Leach (1311), SPLP Leach (1312 metals only), Reactivity. Organic Parameters: PCBs, PCBs in Oil, Organochlorine Pesticides, Technical Chlordane, Toxaphene, CT-Extractable Petroleum Hydrocarbons (ETPH), MA-EPH, MA-VPH, Dicamba, 2,4-D, 2,4,5-T, 2,4,5-TP(Silvex), Dalapon, Volatile Organics (SW 8260), Acid Extractables (Phenols) (SW 8270), Benzidines (SW 8270), Phthalates (SW 8270), Nitrosamines (SW 8270), Nitroaromatics & Cyclic Ketones (SW 8270), PAHs (SW 8270), Haloethers (SW 8270), Chlorinated Hydrocarbons (SW 8270). )

**Maine Department of Human Services** Certificate/Lab ID: 2009024.
*Drinking Water* (Inorganic Parameters: SM9215B, 9222D, 9223B, EPA 180.1, 353.2, SM2130B, 2320B, 2540C, 4500Cl-D, 4500CN-C, 4500CN-E, 4500F-C, 4500H+B, 4500NO3-F, EPA 200.7, EPA 200.8, 245.1, EPA 300.0. Organic Parameters: 504.1, 524.2.)

*Wastewater/Non-Potable Water* (Inorganic Parameters: EPA 120.1, 1664A, 350.1, 351.1, 353.2, 410.4, 420.1, SM2320B, 2510B, 2540C, 2540D, 426C, 4500Cl-D, 4500Cl-E, 4500CN-C, 4500CN-E, 4500F-B, 4500F-C, 4500H+B, 4500Norg-B, 4500Norg-C, 4500NH3-B, 4500NH3-G, 4500NO3-F, 4500P-B, 4500P-E, 5210B, 5220D, 5310C, 9010B, 9040B, 9030B, 7470A, 7196A, 2340B, EPA 200.7, 6010B, 6010C, 200.8, 6020, 245.1, 1311, 1312, 3005A, Enterolert, 9223B, 9222D. Organic Parameters: 608, 624, 625, 8081A, 8081B, 8082, 8082A, 8330, 8151A, 8260B, 8260C, 8270C, 8270D, 3510C, 3630C, 5030B, ME-DRO, ME-GRO, MA-EPH, MA-VPH.)

*Solid Waste/Soil* (Inorganic Parameters: 9010B, 9012A, 9014, 9030B, 9040B, 9045C, 6010B, 6010C, 6020, 6020A, 7471A, 7471B, 7196A, 9050A, 1010, 1030, 9065, 1311, 1312, 3005A, 3050B. Organic Parameters: ME-DRO, ME-GRO, MA-EPH, MA-VPH, 8260B, 8270C, 8270D, 8330, 8151A, 8081A, 8081B, 8082, 8082A, 3540C, 3546, 3580A, 3630C, 5030B, 5035.)

**Massachusetts Department of Environmental Protection** Certificate/Lab ID: M-MA086.
*Drinking Water (*Inorganic Parameters: (EPA 200.8 for: Sb,As,Ba,Be,Cd,Cr,Cu,Pb,Ni,Se,Tl) (EPA 200.7 for: Ba,Be,Ca,Cd,Cr,Cu,Na,Ni) 245.1, (300.0 for: Nitrate-N, Fluoride, Sulfate); (EPA 353.2 for: Nitrate-N, Nitrite-N); (SM4500NO3-F for: Nitrate-N and Nitrite-N); 4500F-C, 4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, 2320B, SM2540C, SM4500H-B. Organic Parameters: (EPA 524.2 for: Trihalomethanes, Volatile Organics); (504.1 for: 1,2-Dibromoethane, 1,2-Dibromo-3-Chloropropane), EPA 332. Microbiology Parameters: SM9215B; ENZ. SUB. SM9223; ColilertOT SM9223B; MF-SM9222D.)

*Non-Potable Water (*Inorganic Parameters:, (EPA 200.8 for: Al,Sb,As,Be,Cd,Cr,Cu,Pb,Mn,Ni,Se,Ag,Tl,Zn); (EPA 200.7 for: Al,Sb,As,Be,Cd,Ca,Cr,Co,Cu,Fe,Pb,Mg,Mn,Mo,Ni,K,Se,Ag,Na,Sr,Ti,Tl,V,Zn); 245.1, SM4500H,B, EPA 120.1, SM2510B, 2540C, 2340B, 2320B, 4500CL-E, 4500F-BC, 426C, SM4500NH3-BH, (EPA 350.1 for: Ammonia-N), LACHAT 10-107-06-1-B for Ammonia-N, SM4500NO3-F, 353.2 for Nitrate-N, SM4500NH3-BC-NES, EPA 351.1, SM4500P-E, 4500P-B,E, 5220D, EPA 410.4, SM 5210B, 5310C, 4500CL-D, EPA 1664, SM14 510AC, EPA 420.1, SM4500-CN-CE, SM2540D.
Organic Parameters: (EPA 624 for Volatile Halocarbons, Volatile Aromatics),(608 for: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT,Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs-Water), (EPA 625 for SVOC Acid Extractables and SVOC Base/Neutral Extractables), 600/4-81-045-PCB-Oil. Microbiology Parameters: (ColilertQT SM9223B; Enterolert-QT: SM9222D-MF.)

**New Hampshire Department of Environmental Services** Certificate/Lab ID: 200307. ***NELAP Accredited.***
*Drinking Water* (Inorganic Parameters: SM 9222B, 9223B, 9215B, EPA 200.7, 200.8, 300.0, SM4500CN-E, 4500H+B, 4500NO3-F, 2320B, 2510B, 2540C, 4500F-C, 5310C, 2120B, EPA 332.0. Organic Parameters: 504.1, 524.2.)

*Non-Potable Water* (Inorganic Parameters: SM9222D, 9221B, 9222B, 9221E-EC, EPA 3005A, 200.7, 200.8, 245.1, SW-846 6010C, 6020A, 7196A, 7470A, SM3500-CR-D, EPA 120.1, 300.0, 350.1, 350.2, 351.1, 353.2, 410.4, 420.1, 426C, 1664A, SW-846 9010B, 9010C, 9030, 9040B, 9040C, SM2120B, 2310B, 2320B, 2340B, 2540B, 2540D, 4500H+B, 4500CL-E, 4500CN-E, 4500NH3-H, 4500NO3-F, 4500NO2-B, 4500P-E, 4500-S2-D, 4500SO3-B, 5210B, 5220D, 2510B, 2540C, 4500F-C, 5310C, 5540C, LACHAT 10-204-00-1-A, LACHAT 10-107-06-2-D, 3060A. Organic Parameters: SW-846 3510C, 3630C, 5030B, 8260C, 8270D, 8330, EPA 624, 625, 608, SW-846 8082A, 8081B, 8015C, 8151A, 8330, 8270D-SIM.)

*Solid & Chemical Materials* (Inorganic Parameters: SW-846 6010C, 6020A, 7196A, 7471B, 1010, 1010A, 1030, 9010C, 9012B, 9014, 9030B, 9040C, 9045C, 9045D, 9050, 9065, 9251, 1311, 1312, 3005A, 3050B, 3060A. Organic Parameters: SW-846 3540C, 3546, 3050B, 3580A, 3620D, 3630C, 5030B, 5035, 8260C, 8270D, 8270D-SIM, 8330, 8151A, 8015B, 8015C, 8082A, 8081B.)

**New Jersey Department of Environmental Protection** Certificate/Lab ID: MA935. ***NELAP Accredited.***
*Drinking Water* (Inorganic Parameters: SM9222B, 9221E, 9223B, 9215B, 4500CN-CE, 4500NO3-F, 4500F-C, EPA 300.0, 200.7, 200.8, 245.1, 2540C, SM2120B, 2320B, 2510B, 5310C, SM4500H-B. Organic Parameters: EPA 332, 504.1, 524.2.)

*Non-Potable Water* (Inorganic Parameters: SM5210B, EPA 410.4, SM5220D, 4500Cl-E, EPA 300.0, SM2120B, 2340B, SM4500F-BC, EPA 200.7, 200.8, 351.1, LACHAT 10-107-06-2-D, EPA 353.2, SM4500NO3-F, 4500NO2-B, EPA 1664A, SM5310B, C or D, 4500-PE, EPA 420.1, SM510ABC, SM4500P-B5+E, 2540B, 2540C, 2540D, EPA 120.1, SM2510B, SM2520B, SM15 426C, 9222D, 9221B, 9221C, 9221E, 9222B, 9215B, 2310B, 2320B, 4500NH3-H, 4500-S D, EPA 350.1, 350.2, SW-846 1312, 7470A, 5540C, SM4500H-B, 4500SO3-B, SM3500Cr-D, 4500CN-CE, EPA 245.1, SW-846 9040B, 9040C, 3005A, 3015, EPA 6010B, 6010C, 6020, 6020A, 7196A, 3060A, SW-846 9010C, 9030B. Organic Parameters: SW-846 8260B, 8260C, 8270C, 8270D, 8270C-SIM, 8270D-SIM, 3510C, EPA 608, 624, 625, SW-846 3630C, 5030B, 8011, 8015C, 8081A, 8081B, 8082, 8082A, 8151A, 8330, 1,4-Dioxane by NJ Modified 8270, 8015B, NJ EPH.)

*Solid & Chemical Materials* (Inorganic Parameters: SW-846, 6010B, 6010C, 6020, 6020A, 7196A, 3060A, 9030B, 1010, 1010A, 1030, 1311, 1312, 3005A, 3050B, 7471A, 7471B, 9010C, 9012B, 9014, 9038, 9040B, 9040C, 9045C, 9045D, 9050A, 9065, 9251. Organic Parameters: SW-846 8015B, 8015C, 8081A, 8081B, 8082, 8082A, 8151A, 8330, 8260B, 8260C, 8270C, 8270D, 8270C-SIM, 8270D-SIM, 3540C, 3546, 3580A, 3620C, 3630C, 5030B, 5035L, 5035H, NJ EPH.)

**New York Department of Health** Certificate/Lab ID: 11148. ***NELAP Accredited.***
*Drinking Water* (Inorganic Parameters: SM9223B, 9222B, 9215B, EPA 200.8, 200.7, 245.2, SM5310C, EPA 332.0, SM2320B, EPA 300.0, SM2120B, 4500CN-E, 4500F-C, 4500NO3-F, 2540C, SM 2510B. Organic Parameters: EPA 524.2, 504.1.)

*Non-Potable Water* (Inorganic Parameters: SM9221E, 9222D, 9221B, 9222B, 9215B, 5210B, 5310C, EPA 410.4, SM5220D, 2310B-4a, 2320B, EPA 200.7, 300.0, SM4500CL-E, 4500F-C, SM15 426C, EPA 350.1, SM4500NH3-BH, EPA 351.1, LACHAT 10-107-06-2, EPA 353.2, SM4500-NO3-F, 4500-NO2-B, 4500P-E, 2540C, 2540B, 2540D, EPA 200.8, EPA 6010B, 6010C, 6020, 6020A, EPA 7196A, SM3500Cr-D, EPA 245.1, 7470A, SM2120B, LACHAT 10-204-00-1-A, 4500CN-CE, EPA 1664A, EPA 420.1, SM14 510C, EPA 120.1, SM2510B, SM4500S-D, SM5540C, EPA 3005A, 3015, 9010C, 9030B. Organic Parameters: EPA 624, 8260B, 8260C, 8270C, 8270D, 8270C-SIM, 8270D-SIM, 625, 608, 8081A, 8081B, 8151A, 8330, 8082, 8082A, EPA 3510C, 5030B.)

*Solid & Hazardous Waste* (Inorganic Parameters: EPA 1010A, 1030, EPA 6010B, 6010C, 7196A, 7471A, 7471B, 9012B, 9014, 9065, 9050A, EPA 1311, 1312, 3005A, 3050B, 9010C, 9030B, 9040C, 9045D. Organic Parameters: EPA 8260B, 8260C, 8270C, 8270D, 8270C-SIM, 8270D-SIM, 8015B, 8015C, 8081A, 8081B, 8151A, 8330, 8082 8082A, 3540C,

3546, 3580A, 5030B, 5035A-H, 5035A-L.)

**North Carolina Department of the Environment and Natural Resources** Certificate/Lab ID : 666. (Inorganic Parameters: SM2310B, 2320B, 4500Cl-E, 4500Cn-E, 9014, Lachat 10-204-00-1-X, 1010A, 1030, 4500NO3-F, 353.2, 4500P-E, 4500SO4-E, 300.0, 4500S-D, 5310B, 5310C, 6010C, 6020A, 200.7, 200.8, 3500Cr-B, 7196A, 245.1, 7470A, 7471B, 1311,1312. Organic Parameters: 608, 8081B, 8082A, 624, 8260B, 625, 8270D, 8151A, 8015C, 504.1, MA-EPH, MA-VPH.)

*Drinking Water Program* Certificate/Lab ID: 25700. (Inorganic Parameters: Chloride EPA 300.0. Organic Parameters: 524.2)

**Pennsylvania Department of Environmental Protection** Certificate/Lab ID : 68-03671. ***NELAP Accredited.***
*Drinking Water* (Inorganic Parameters: 200.7, 200.8, 300.0, 332.0, 2120B, 2320B, 2510B, 2540C, 4500-CN-CE, 4500F-C, 4500H+-B, 4500NO3-F, 5310C. Organic Parameters: EPA 524.2, 504.1)

*Non-Potable Water* (Inorganic Parameters: EPA 120.1, 1312, 3005A,3015, 3060A, 200.7, 200.8, 410.4, 1664A, SM2540D, 5210B, 5220D, 4500-P,BE, 245.1, 300.0, 350.1, 350.2, 351.1, 353.2, 420.1, 6010C, 6020A, 7196A, 7470A, 9030B, 2120B, 2310B, 2320B, 2510B, 2540B, 2540C, 3500Cr-D, 426C, 4500CN-CE, 4500Cl-E, 4500F-B, 4500F-C, 4500H+-B, 4500NH3-H, 4500NO2-B, 4500NO3-F, 4500S-D, 4500SO3-B, 5310BCD, 5540C, 9010C, 9040C. Organic Parameters: EPA 3510C, 3630C, 5030B, 625, 624, 608, 8081B, 8082A, 8151A, 8260C, 8270D, 8270D-SIM, 8330, 8015C, NJ-EPH.)

*Solid & Hazardous Waste* (Inorganic Parameters: EPA 350.1, 1010, 1030, 1311, 1312, 3005A, 3050B, 3060A, 6010C, 6020A, 7196A, 7471B, 9010C, 9012B, 9014, 9040B, 9045D, 9050A, 9065, SM 4500NH3-BH, 9030B, 9038, 9251. Organic Parameters: 3540C, 3546, 3580A, 3620C, 3630C, 5035, 8015C, 8081B, 8082A, 8151A, 8260C, 8270D, 8270D-SIM, 8330, NJ-EPH.)

**Rhode Island Department of Health** Certificate/Lab ID: LAO00065. ***NELAP Accredited via NJ-DEP.***
Refer to MA-DEP Certificate for Potable and Non-Potable Water.
Refer to NJ-DEP Certificate for Potable and Non-Potable Water.

**Texas Commisson on Environmental Quality** Certificate/Lab ID: T104704476. ***NELAP Accredited.***
*Non-Potable Water* (Inorganic Parameters: EPA 120.1, 1664, 200.7, 200.8, 245.1, 245.2, 300.0, 350.1, 351.1, 353.2, 410.4, 420.1, 6010, 6020, 7196, 7470, 9040, SM 2120B, 2310B, 2320B, 2510B, 2540B, 2540C, 2540D, 426C, 4500CL-E, 4500CN-E, 4500F-C, 4500H+B, 4500NH3-H, 4500NO2B, 4500P-E, 4500 $S2^{-}$D, 510C, 5210B, 5220D, 5310C, 5540C. Organic Parameters: EPA 608, 624, 625, 8081, 8082, 8151, 8260, 8270, 8330.)

*Solid & Hazardous Waste* (Inorganic Parameters: EPA 1311, 1312, 9012, 9014, 9040, 9045, 9050, 9065.)

**Virginia Division of Consolidated Laboratory Services** Certificate/Lab ID: 460195. ***NELAP Accredited.***
*Drinking Water* (Inorganic Parameters: EPA 200.7, 200.8, 300.0, 2510B, 2120B, 2540C, 4500CN-CE, 245.2, 2320B, 4500F-C, 4500NO3-F, 5310C. Organic Parameters: EPA 504.1, 524.2.)

*Non-Potable Water* (Inorganic Parameters: EPA 120.1, 1664A, 200.7, 200.8, 245.1, 300.0, 3005A, 3015, 1312, 6010B, 6010C, 3060A, 353.2, 420.1, 6020, 6020A, SM4500S-D, SM4500-CN-CE, Lachat 10-204-00-1-X, 7196A, 7470A, 9010B, 9040B, 2310B, 2320B, 2510B, 2540B, 2540C, 3500Cr-D, 426C, 4500Cl-E, 4500F-B, 4500F-C, 4500PE, 510AC, 5210B, 5310B 5310C, 5540C. Organic Parameters: EPA 3510C, 3630C, 5030B, 8260B, 608, 624, 625, 8081A, 8081B, 8082, 8082A, 8151A, 8270C, 8270D, 8270C-SIM, 8270D-SIM, 8330, )

*Solid & Hazardous Waste* (Inorganic Parameters: EPA 1010A, 1030, 3060A, 3050B, 1311, 1312, 6010B, 6010C, 6020, , 7196A, 7471A, 7471B, 6020A, 9030B, 9010B, 9012A, 9014 9040B, 9045C, 9050A, 9065. Organic Parameters: EPA 5030B, 5035, 3540C, 3546, 355B0, 3580A, 3630C, 6020A, 8260B, 8015B, 8015C, 8081A, 8081B, 8082, 8082A, 8151A, 8270C, 8270D, 8270C-SIM, 8270D-SIM, 8330.)

**Department of Defense, L-A-B** Certificate/Lab ID: L2217.
*Drinking Water* (Inorganic Parameters: SM 4500H-B. Organic Parameters: EPA 524.2, 504.1.)

*Non-Potable Water* (Inorganic Parameters: EPA 200.7, 200.8, 6010B, 6010C, 6020, 6020A, 245.1, 245.2, 7470A, 9040B, 9010B, 180.1. 300.0, 332.0, 6860, 353.2, 410.4, 9060, 1664A, SM 4500CN-E, 4500H-B, 4500NO3-F, 4500CL-D, 5220D, 5310C, 2130B, 2320B, 2540C, 3005A, 3015, 9010B, 9056, 7196A, 3500-Cr-D. Organic Parameters: EPA 8260B, 8260C, 8270C, 8270D, 8270C-SIM, 8270D-SIM, 8330A, 8082, 8082A, 8081A, 8081B, 3510C, 5030B, MassDEP EPH, MassDEP VPH.)

*Solid & Hazardous Waste* (Inorganic Parameters: EPA 200.7, 6010B, 6010C, 7471A, 6860, 1311, 1312, 3050B, 7196A, 9010B, 9012A, 9040B, 9045C, 3500-CR-D, 4500CN-CE, 2540G, Organic Parameters: EPA 8260B, 8260C, 8270C,

8270D, 8270C-SIM, 8270D-SIM, 8330A/B-prep, 8082, 8082A, 8081A, 8081B, 3540C, 3546, 3580A, 5035A, MassDEP EPH, MassDEP VPH.)

**The following analytes are not included in our current NELAP/TNI Scope of Accreditation:**
**EPA 8260B:** Freon-113, 1,2,4,5-Tetramethylbenzene, 4-Ethyltoluene. **EPA 8330A:** PETN, Picric Acid, Nitroglycerine, 2,6-DANT, 2,4-DANT. **EPA 8270C:** Methyl naphthalene, Dimethyl naphthalene, Total Methylnapthalenes, Total Dimethylnaphthalenes, 1,4-Diphenylhydrazine (Azobenzene). **EPA 625:** 4-Chloroaniline, 4-Methylphenol. Total Phosphorus in a soil matrix, Chloride in a soil matrix, TKN in a soil matrix, NO2 in a soil matrix, NO3 in a soil matrix. **EPA 9071:** Total Petroleum Hydrocarbons, Oil & Grease.

# CHAIN OF CUSTODY

PAGE 1 OF 1

ALPHA ANALYTICAL
WESTBORO, MA TEL: 508-898-9220 FAX: 508-898-9193
MANSFIELD, MA TEL: 508-822-9300 FAX: 508-822-3288

Date Rec'd in Lab: 3/29/13

ALPHA Job #: L1305349

**Client Information**

Client: Turnkey
Address: 2558 Hamburg Turnpike Buffalo NY 14218
Phone: (716) 856-0599
Fax: (716) 856-0583
Email:

☐ These samples have been previously analyzed by Alpha

**Project Information**

Project Name: Main + High
Project Location: Ton. Terminal
Project #: 0149-013-501
Project Manager: Mike Yount
ALPHA Quote #:

**Turn-Around Time**

☐ Standard ☒ RUSH (only confirmed if pre-approved!)
Date Due: 4/1/13 1 Day Time:

**Report Information - Data Deliverables**

☐ FAX ☒ EMAIL
☐ ADEx ☐ Add'l Deliverables

**Billing Information**

☒ Same as Client info PO #:

**Regulatory Requirements/Report Limits**

| State /Fed Program | Criteria |
|---|---|
| | |

Other Project Specific Requirements/Comments/Detection Limits:

| ALPHA Lab ID (Lab Use Only) | Sample ID | Collection Date | Collection Time | Sample Matrix | Sampler's Initials | ANALYSIS: STARS VOC | SAMPLE HANDLING | Sample Specific Comments | TOTAL # BOTTLES |
|---|---|---|---|---|---|---|---|---|---|
| 05349.1 | Grab 7 | 3-29-13 | 13:00 | Soil | JE | X | | | |
| 2 | Grab 8 | ↓ | 13:30 | ↓ | ↓ | X | | | |
| 3 | Grab 9 | ↓ | 14:00 | ↓ | ↓ | X | | | |

SAMPLE HANDLING
Filtration
☐ Done ☐ Not needed ☐ Lab to do
Preservation
☐ Lab to do
(Please specify below)

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Container Type | | | | | | | | | | | | | | | | | | | | | | | | | |
| Preservative | | | | | | | | | | | | | | | | | | | | | | | | | |

| Relinquished By: | Date/Time | Received By: | Date/Time |
|---|---|---|---|
| | 15:30 3/29/13 | | 3-29-13 1530 |
| James D. Rickus | 3-29-13 1800 | | 3-29-13 1800 |
| | 3-29-13 2215 | | 3/29/13 2215 |

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. All samples submitted are subject to Alpha's Terms and Conditions. See reverse side.

FORM NO: 01-01 (rev. 14-OCT-07)

RECEIVED MAY 04 2015

# NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

**Division of Environmental Permits, Region 9**
270 Michigan Avenue, Buffalo, NY 14203-2915
P: (716) 851-7165 | F: (716) 851-7168
www.dec.ny.gov

April 30, 2015

Mr. Timothy Boyle
Tonawanda Terminals Corp.
2440 Sheridan Drive
Tonawanda, New York 14150

Dear Mr. Boyle:

**PERMIT TRANSMITTAL LETTER**
**BIOTREATMENT FACILITY**
**PERMIT NO. 9-1464-00002/00005**

Enclosed is your permit which was issued in accordance with applicable provisions of the Environmental Conservation Law. The permit is valid for only that project, activity or operation expressly authorized.

The DEC permit number and Program ID number, if applicable, should be retained for your records and should be referenced on all future correspondence and applications related to the permit. If modifications are desired after permit issuance, you must submit the proposed revisions and receive written approval from the Permit Administrator prior to initiating any change. If the Department determines that the modification represents a material change in the scope of the authorized project, activity, operation or permit conditions, you will be required to submit a new application for permit.

Please note the expiration date of the permit. Applications for permit renewal should be made well in advance of the expiration date (minimum of 30 days) and submitted to the Regional Permit Administrator at the above address. For SPDES, Solid Waste and Hazardous Waste Permits, renewals must be made at least 180 days prior to the expiration date.

PLEASE REVIEW ALL PERMIT CONDITIONS CAREFULLY. IN PARTICULAR, IDENTIFY YOUR INITIAL RESPONSIBILITIES UNDER THIS PERMIT IN ORDER TO ASSURE TIMELY ACTION IF REQUIRED. SINCE FAILURE TO COMPLY PRECISELY WITH PERMIT CONDITIONS MAY BE TREATED AS A VIOLATION OF THE ENVIRONMENTAL CONSERVATION LAW, **YOU ARE REQUESTED TO PROVIDE A COPY OF THE PERMIT TO THE PROJECT CONTRACTOR, FACILITY OPERATOR, AND OTHER PERSONS DIRECTLY RESPONSIBLE FOR PERMIT IMPLEMENTATION (IF ANY).**

If you have any questions, please contact this office at the above address.

Respectfully,
David S. Denk
Regional Permit Administrator

MRW
Enclosure
ecc: Mr. Peter Grasso, NYSDEC Division of Materials Management, Region 9
Ms. Marion Young, NYSDEC Division of Materials Management, Region 9
Mr. Richard Clarkson, NYSDEC Division of Materials Management, Central Office
cc: Mr. Paul Werthman, TurnKey Environmental Restoration, LLC

# PERMIT
## Under the Environmental Conservation Law (ECL)

## Permittee and Facility Information

**Permit Issued To:**
TONAWANDA TERMINALS CORP
2440 SHERIDAN DR
TONAWANDA, NY 14150
(716) 504-3319

**Facility:**
BIOTREATMENT FACILITY
4635 RIVER RD
TONAWANDA, NY 14150

**Facility Location:** in TONAWANDA in ERIE COUNTY
**Facility Principal Reference Point:** NYTM-E: 179.9 NYTM-N: 4768.2
Latitude: 42°59'56.7" Longitude: 78°55'36.9"
**Authorized Activity:** The operation of a biotreatment facility which treats petroleum contaminated soils. Approximately 7.2 acres of the site area is used for treatment and storage of the petroleum impacted soils.

## Permit Authorizations

**Solid Waste Management - Under Article 27, Title 7**
Permit ID 9-1464-00002/00005
Renewal Effective Date: 6/15/2015 Expiration Date: 6/14/2025

## NYSDEC Approval

**By acceptance of this permit, the permittee agrees that the permit is contingent upon strict compliance with the ECL, all applicable regulations, and all conditions included as part of this permit.**

Permit Administrator: LISA M CZECHOWICZ, Deputy Regional Permit Administrator
Address: NYSDEC REGION 9 HEADQUARTERS
270 MICHIGAN AVE
BUFFALO, NY 14203 -2915

Authorized Signature: Lisa M. Czechowicz Date 4/30/15

## Distribution List

Richard Clarkson
Regional Materials Management Engineer
Marion Young

## Permit Components

SOLID WASTE MANAGEMENT PERMIT CONDITIONS

GENERAL CONDITIONS, APPLY TO ALL AUTHORIZED PERMITS

NOTIFICATION OF OTHER PERMITTEE OBLIGATIONS

## SOLID WASTE MANAGEMENT PERMIT CONDITIONS

1. **Permit Conflicts** If any condition of this permit conflicts with the approved plans and documents identified in this permit, the Solid Waste Management Permit Condition shall prevail.

2. **Emergency Reporting** In the event of an emergency, including but not limited to fires, explosion or on-site spills, the Regional Materials Management Engineer (RMME) shall be notified of the emergency within 24 hours of discovery. Oral reports due on weekends or holidays shall be made on the next business day. The details of the incident and the remediation or corrective action(s) taken shall be fully described in writing to the RMME within five working days of the event.

**APPROVED DOCUMENTS AND WASTES**

3. **Conformance With Plans** All activities authorized by this permit must be in strict conformance with the permit application, plans and materials prepared by (see Solid Waste Management Permit Conditions 4 and 5 of this permit) on (see Solid Waste Management Permit Conditions 4 and 5 of this permit).

4. **Approved Documents** Unless expressly authorized in writing or unless modified by conditions of any permit issued by this Department, construction and operation of the facility shall be in conformance with the applicable requirements of 6 NYCRR Part 360 (current edition and as subsequently modified) and the following documents:

- Letter dated March 26, 2015 from Benchmark (Paul Werthman) to the Department (Dennis Weiss) regarding Tonawanda Terminals' permit renewal application
- Permit renewal application dated March 10, 2015 certified by Tonawanda Terminals (Tim Boyle)
- Letter dated March 6, 2015 from Benchmark (Paul Werthman) to the Department (Dennis Weiss) regarding Tonawanda Terminals' permit renewal application
- Letter dated November 3, 2010 from the Department (Mark Hans) to Benchmark (Michael Lesakowski) regarding the Phase II and Phase III Construction Certification Report
- Email dated November 2, 2010 from Benchmark (Michael Lesakowski) to the Department (Mark Hans) regarding the primary emergency coordinator
- "Engineering Report- Biotreatment Facility" dated January 2009 (Revised February 2010) and prepared by Benchmark Environmental Engineering & Science, LLC
- Letter and attachments dated October 20, 2010 from Benchmark (Paul Werthman) to the Department (Mark Hans) regarding the construction activities of the facility

5. **Approved Plans** The approved plans for this facility include:

| Sheet # | Sheet Title | Date | Prepared by |
|---|---|---|---|
| G-1 | Existing Conditions Phase II Expansion | 2/09 | Benchmark Environmental Engineering & Science, LLC |
| G-2 | Site Plan Phase II Expansion | 2/09 | Benchmark Environmental Engineering & Science, LLC |
| G-3 | Grading Plan - Top of Soil Liner Phase II Expansion | 2/09 | Benchmark Environmental Engineering & Science, LLC |

6. **Acceptable Materials** The permittee is authorized to accept only non-hazardous petroleum impacted soils. The petroleum impacted soils may be generated from, but are not limited to, the cleanup of spills and/or repairs, upgrade, replacement, and closure of underground petroleum storage tanks (USTs) at retail stations and petroleum storage and distribution terminals.

Prior to delivery of petroleum impacted soils to the biotreatment facility, an initial determination will be made to confirm that the soil is not a hazardous waste. The determination will be based on analyses done by a New York State Department of Health-approved laboratory only. A record of pre-treatment soil sampling analytical results should be maintained by the biotreatment facility.

7. **Unacceptable Material** Any material other than non-hazardous petroleum impacted soil.

8. **Approved Design Capacity** The biotreatment facility is approved to process approximately 61,000 tons/year of petroleum impacted soil.

**OPERATIONS**

9. **Facility Sign** A sign providing specific facility information, including hours of operation and types of waste accepted, shall be posted at all maintained access points to the facility.

10. **Hours of Operation** Facility operations are limited to the hours of:

Monday through Friday-8:00 am to 4:30 pm
Saturdays (upon request)-8:00 am to 4:30 pm

11. **Control of Dust and Odors** The operation of the facility must be conducted in such a manner that dust and odors do not cause a nuisance condition at and emanating from the facility, as determined soley by the Department.

12. **Self-Inspections** The biotreatment facility operator will conduct regular weekly self-inspections of the facility. Inspections will also occur within 24 hours of a rain event resulting in 0.5 inches or more. Inspections of the facility will include examination of the following items:

1. Biotreatment facility access and condition of roadways
2. Condition of treatment area
3. Water runoff, ponded water, or erosion issues in treatment area
4. Litter on the grounds

5. Signs of vectors
6. Proper functioning of all drainage and storm water management features

Self-inspection records should be maintained at the facility.

13. **Complaints** Any complaints received by the permittee about the operation of this facility must be documented in a log book, with a description of action taken to alleviate the concern and the results of the action. Documentation must be available for review at the Departmnet's request. Any operational changes deemed necessary by the Department to correct nuisance conditions must be implemented.

14. **Treatment Area** Petroleum-impacted soil will be confined and treated on the soil liner/pad. Soil that is designated as treated will remain within the treatment area and stored until receipt of analytical results verifying that the soil is treated to the appropriate soil treatment objectives. Treated soils will then be removed from the site or stockpiled for future use.

15. **Treated Soil Sampling** Once a soil is considered to be treated, soil samples will be collected for analysis of:

1. VOCs in the event that soil is impacted by gasoline
2. VOCs and SVOCs in the event that soil is impacted by diesel fuel

The samples will be analyzed on a frequency to comply with DER-10, Technical Guidance for Site Investigation and Remediation, Table 5.4. Once the samples are analyzed and the soil is verified as complying with the Restricted Use Soil Cleanup Objectives (SCOs) stated in 6 NYCRR Part 375-6.8, and Commissioner Policy 51-Soil Cleanup Guidance, then the treated soils can be removed and transferred to the treated soil staging area or to an acceptable property.

CLOSURE

16. **Closure of Facility** The permittee shall close the facility prior to the expiration date of this permit or prior to the expiration of any renewals of this permit in accordance with the closure requirements of 6 NYCRR Part 360 and the approved closure plan.

REPORTING

17. **Annual Report** An annual report shall be prepared and submitted by March 1st of each year on forms provided by the Department (see attached) or electronically, as specified by the Department, and shall include the following:

- Source, quantities, and delivery date of contaminated soil brought to the site
- Final analysis of treated soils
- Quantities, dates and final destination of treated soils removed from the site
- Source, quantity, dates and final destination of unauthorized material/waste
- Descriptions of any operating problems and corrective actions taken

18. **Report Submission** All reports shall be submitted to the following addresses:

NYSDEC
Regional Materials Management Engineer
Division of Materials Management
270 Michigan Avenue
Buffalo, New York 14203-2915

NYSDEC
Division of Materials Management
Bureau of Permitting and Planning
625 Broadway
Albany, New York 12233-7260

**FINANCIAL SURETY**

19. **Financial Surety** The permittee shall maintain a surety instrument acceptable to the RMME, to assure the proper closure of the facility. At the time of permit issuance, the approved closure cost estimate is $34,100.

20. **Revised Surety** Within 60 days of Department approval of the revised closure cost estimate submitted with the annual report, a revised financial surety(s) shall be submitted (if necessary) to the RMME.

## GENERAL CONDITIONS - Apply to ALL Authorized Permits:

1. **Facility Inspection by The Department** The permitted site or facility, including relevant records, is subject to inspection at reasonable hours and intervals by an authorized representative of the Department of Environmental Conservation (the Department) to determine whether the permittee is complying with this permit and the ECL. Such representative may order the work suspended pursuant to ECL 71- 0301 and SAPA 401(3).

The permittee shall provide a person to accompany the Department's representative during an inspection to the permit area when requested by the Department.

A copy of this permit, including all referenced maps, drawings and special conditions, must be available for inspection by the Department at all times at the project site or facility. Failure to produce a copy of the permit upon request by a Department representative is a violation of this permit.

2. **Relationship of this Permit to Other Department Orders and Determinations** Unless expressly provided for by the Department, issuance of this permit does not modify, supersede or rescind any order or determination previously issued by the Department or any of the terms, conditions or requirements contained in such order or determination.

3. **Applications For Permit Renewals, Modifications or Transfers** The permittee must submit a separate written application to the Department for permit renewal, modification or transfer of this permit. Such application must include any forms or supplemental information the Department requires. Any renewal, modification or transfer granted by the Department must be in writing. Submission of applications for permit renewal, modification or transfer are to be submitted to:

Regional Permit Administrator
NYSDEC REGION 9 HEADQUARTERS
270 MICHIGAN AVE
BUFFALO, NY14203 -2915

4. **Submission of Renewal Application** The permittee must submit a renewal application at least 180 days before permit expiration for the following permit authorizations: Solid Waste Management.

5. **Permit Modifications, Suspensions and Revocations by the Department** The Department reserves the right to exercise all available authority to modify, suspend or revoke this permit. The grounds for modification, suspension or revocation include:

a. materially false or inaccurate statements in the permit application or supporting papers;

b. failure by the permittee to comply with any terms or conditions of the permit;

c. exceeding the scope of the project as described in the permit application;

d. newly discovered material information or a material change in environmental conditions, relevant technology or applicable law or regulations since the issuance of the existing permit;

e. noncompliance with previously issued permit conditions, orders of the commissioner, any provisions of the Environmental Conservation Law or regulations of the Department related to the permitted activity.

6. **Permit Transfer** Permits are transferrable unless specifically prohibited by statute, regulation or another permit condition. Applications for permit transfer should be submitted prior to actual transfer of ownership.

## NOTIFICATION OF OTHER PERMITTEE OBLIGATIONS

**Item A: Permittee Accepts Legal Responsibility and Agrees to Indemnification**
The permittee, excepting state or federal agencies, expressly agrees to indemnify and hold harmless the Department of Environmental Conservation of the State of New York, its representatives, employees, and agents ("DEC") for all claims, suits, actions, and damages, to the extent attributable to the permittee's acts or omissions in connection with the permittee's undertaking of activities in connection with, or operation and maintenance of, the facility or facilities authorized by the permit whether in compliance or not in compliance with the terms and conditions of the permit. This indemnification does not extend to any claims, suits, actions, or damages to the extent attributable to DEC's own negligent or intentional acts or omissions, or to any claims, suits, or actions naming the DEC and arising under Article 78 of the New York Civil Practice Laws and Rules or any citizen suit or civil rights provision under federal or state laws.

**Item B: Permittee's Contractors to Comply with Permit**
The permittee is responsible for informing its independent contractors, employees, agents and assigns of their responsibility to comply with this permit, including all special conditions while acting as the permittee's agent with respect to the permitted activities, and such persons shall be subject to the same sanctions for violations of the Environmental Conservation Law as those prescribed for the permittee.

**Item C: Permittee Responsible for Obtaining Other Required Permits**
The permittee is responsible for obtaining any other permits, approvals, lands, easements and rights-of-way that may be required to carry out the activities that are authorized by this permit.

**Item D: No Right to Trespass or Interfere with Riparian Rights**
This permit does not convey to the permittee any right to trespass upon the lands or interfere with the riparian rights of others in order to perform the permitted work nor does it authorize the impairment of any rights, title, or interest in real or personal property held or vested in a person not a party to the permit.

New York State Department of Environmental Conservation
Division of Solid & Hazardous Materials
Albany, New York 12233-7253

BIOREMEDIATION TREATMENT FACILITY

## Annual Report

**The Annual Report form is to be used to meet annual reporting requirements. Submit the Annual Report no later than March 2 of each year.**

Reporting of the information indicated on this Bioremediation Treatment Facility Annual Report form is required pursuant to 6 NYCRR 360-1.4(c) and your permit to operate. Failure to provide the required information requested is a violation of Environmental Conservation Law. Timely submission of a properly completed form to the Department's Regional Office that has jurisdiction over your facility and to the Department's Central Office is required to meet the Annual Report requirements of 6 NYCRR Part 360.

Where the Annual Report requirements have been modified, appropriate Sections (as necessary to reflect the modification) must be completed and submitted with a copy of the Department's written notification which allows the modification.

Entries on the report forms should be either typewritten or neatly printed in black ink. Attach additional sheets if space on the pages is insufficient or supplementary information is required or appropriate.

This form may be reproduced locally as required.

## Annual Report

This Bioremediation Treatment Facility Annual Report is for the year of operation from:

_____, 20_____ to _____, 20_____.

## SECTION 1 - Owner/Facility Information

Facility Name_____ Town_____ County_____

Facility Location _____ State _____ Zip _____ NYSDEC Region # _____

Facility Contact _____ Phone # (_____)_____-_____

Contact e-mail address _____ Fax # (_____)_____-_____

NYS Planning Unit _____ NYSDEC Activity Code # _ _ _ _ _
(A list of NYS Planning Units can be found at the end of this report.)

360 Permit # _-_ _ _ _-_ _ _ _ _/_ _ _ _ _ Issued ___/___/___ Expires ___/___/___

Owner Name _____ Phone # (_____)_____-_____

Mailing Address _____ State ____ Zip _____

## SECTION 2 - Quantity of Soil Received

### A. Quantity Received by Month/Year

Provide the tonnages of soil received. DO NOT REPORT IN CUBIC YARDS!

Specify the methods used to measure the quantities received and the percentages measured by each method:

_____% Scale Weight _____% Estimated

_____% Truck Count _____% Other (Specify: _____)

| Petroleum Impacted Soils | Weight (tons) |
|---|---|
| January | |
| February | |
| March | |
| April | |
| May | |
| June | |
| July | |
| August | |
| September | |
| October | |
| November | |
| December | |
| Total Received For Year | |

### B. Quantity of Soil On-Site

Please report quantities as of December 31:

| | Quantity (tons) |
|---|---|
| Soil being treated in landfarm | |
| Soil being stored in staging area | |
| Soil removed from site | |

## SECTION 3 – Final Destination of Treated Soils

| Quantity of Treated Soils Shipped Off-Site | | | | | | |
|---|---|---|---|---|---|---|
| Date | Address | Town | County or Province | State or Country | Quantity (tons) | Use of Soil |
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Attach additional sheets as necessary.

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## C. Quantity Received by Facility's Service Area

Identify the facility's service area by indicating the type of solid waste received, the Solid Waste Management facility (SWMF) from which it was received (or Direct Haul), the corresponding NYS Planning Unit, County/Province and State/Country and the amount received. **Refer to the list of NYS Planning Units that can be found at the end of this report.** Note: "Direct Haul" means waste hauled directly to your SWMF which did not go through another SWMF. The total amount reported here should equal the total amount reported in Section 2A (Quantity Received by Month/Year). DO NOT REPORT IN CUBIC YARDS!

Specify transport method and percentages of total waste transported by each:

_____% Road _____% Rail

_____% Water _____% Other (specify: _____)

Explain which waste types and service areas below are included in these transport methods _____

_____

| Quantity Received by Facility's Service Area | | | | | | |
|---|---|---|---|---|---|---|
| Type of Solid Waste | Date | NYS Planning Unit | County or Province | State or Country | Solid Waste Management Facility | Quantity (tons) |
| Petroleum Impacted Soils | | *(Example) (NEST)* | *(Blasdell)* | *(NY)* | *(Blasdell Transfer Station, Blasdell)* | *(100)* |
| | | *(NWCB)* | *(Tonawanda)* | *(NY)* | *(Direct Haul)* | *(1,000)* |
| | | | | | | |
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| | | | | | | |
| | | | | | | |
| Total Tons Received | | | | | | |

Attach additional sheets as necessary.

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## SECTION 7 - Changes

Identify any changes from approved reports, plans, specifications and permit conditions with a justification for each change. List submissions (required by this section) that have been attached to this form or the reasons for not attaching a required piece of information:

_____

_____

_____

_____

## SECTION 8 - Signature and Date By Owner or Operator

Owner or Operator must sign, date and submit one completed form with an original signature to the appropriate Regional Office (See attachment for Regional Office addresses and Solid Waste Contacts.)

The Owner or Operator must also submit one copy by email, fax or mail to:

**New York State Department of Environmental Conservation**
**Division of Solid & Hazardous Materials**
**Bureau of Solid Waste, Reduction & Recycling**
**625 Broadway, 9th Floor**
**Albany, New York 12233-7253**
**Fax 518-402-9041**
**Email address: bwrrfann@gw.dec.state.ny.us**

I hereby affirm under penalty of perjury that information provided on this form and attached statements and exhibits was prepared by me or under my supervision and direction and is true to the best of my knowledge and belief, and that I have the authority to sign this report form pursuant to 6 NYCRR Part 360. I am aware that any false statement made herein is punishable as a Class A misdemeanor pursuant to Section 210.45 of the Penal Law.

_____ Signature

_____ Date

_____ Name (Print or Type)

_____ Title (Print or Type)

_____ Address

_____ City

_____ State and Zip

(____)____-_____ Phone Number

ATTACHMENTS: ____ YES ____ NO
(Please check appropriate line)

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## SECTION 4 – Final Analysis of Treated Soils

Attach to this report the final analysis of soils removed from the treatment area and placed in the treated soil staging area or shipped to an acceptable property. Complete the table below for each transfer of treated soil from the landfarm.

| Date Transferred | Quantity (tons) | Transferred to: (staging area or off-site) | Date of Analytical Results for this Transfer |
|---|---|---|---|
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |

Attach additional sheets as necessary

## SECTION 5 - Unauthorized Solid Waste

Has unauthorized solid waste been received at the Facility during the reporting period? _____ Yes _____ No

If yes, give information below for each incident (attach additional sheets if necessary):

| Date Received | Type Received | Date Disposed | Disposal Method & Location |
|---|---|---|---|
| | | | |
| | | | |
| | | | |
| | | | |

## SECTION 6 - Problems

Identify any problems encountered during the reporting period (e.g., specific occurrences which have led to changes in facility procedures) and methods for resolution of the problems. List submissions (required by this section) that have been attached to this form or the reasons for not attaching a required piece of information:

_____

_____

_____

_____

**NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION**

**Division of Environmental Remediation, Region 9**
270 Michigan Avenue, Buffalo, NY 14203-2915
P: (716) 851-7220 I F: (716) 851-7226
www.dec.ny.gov

September 26, 2016

Ms. Lori E. Riker, P.E.
Benchmark Environmental Engineering & Sciences
2558 Hamburg Turnpike
Buffalo, NY 14218

Dear Ms. Riker:

Tecumseh Phase III-3 & III-4 Business Park Sites
Site Nos. C915199C & C915199D,
Lackawanna (c), Erie County

The Department in has reviewed the submittal entitled "Request to Import Soils for Cover System Sites III-3 & III-4, Lackawanna, New York" dated September 14, 2016.

The request is approved.

Please note that the approved 3,500 yards of bio-remediated sands is only an approval for re-use. It has been noted upon inspection that this material does not contain enough organic content to sustain vegetative growth, as such, the sand will have to be amended with other soils to support growth, prevent aeolian dispersion and erosion.

Thank you for your request and continuing attention to these matters. If you have any questions, please contact me at the above or at **mfmoore@gw.dec.state.ny.us.**

Sincerely,

Maurice F. Moore.
Engineering Geologist 1
Division of Environmental Remediation
Region 9

MFM/tm

ec: Thomas Forbes, Benchmark/TurnKey
Chad Staniszewski, P.E. NYSDEC
Matt Forcucci, NYSDOH

BENCHMARK
ENVIRONMENTAL
ENGINEERING &
SCIENCE, PLLC

September 23, 2016

Mr. Maurice F. Moore
Engineering Geologist 1
New York State Department of Environmental Conservation
Division of Environmental Remediation
270 Michigan Avenue
Buffalo, New York 14203-2915

Re: Request to Import Soils for Cover System
Tecumseh BCP Site III-3, Lackawanna, New York

Dear Mr. Moore:

Benchmark Environmental Engineering & Science, PLLC (Benchmark) has prepared this correspondence to request permission to import Beneficial Use Determination (BUD)-approved sediment from Green Lake in Yates Park, Orchard Park, New York.

Steel Sun 2 would like to import a total of 1,200 CY of sediment (BUD No. 1265-9-15) from Green Lake for use as cover material in accordance with the August 2015 RAWP. The sediment would be placed on BCP Site III-3 between the paved roadway and Smokes Creek (see attached figure). Attachment 2 contains the NYSDEC's *Request to Import/Reuse Fill or Soil* form along the NYSDEC BUD letter, the analytical data package, a summary data table, and a figure showing the proposed location for the sediment material.

Please contact us if you have any questions or require additional information.

Sincerely,
Benchmark Environmental Engineering & Science, PLLC

Lori E. Riker, P.E.
Project Manager

Thomas H. Forbes, P.E.
Principal Engineer

ec: Chad Stanisewski (NYSDEC, Region 9)
Paul Curran (Steel Sun 2, LLC)

File: B0351-016-003



2558 Hamburg Turnpike, Suite 300 | Buffalo, NY 14218
phone: (716) 856-0599 | fax: (716) 856-0583

# FIGURES

F:\TurnKey\Contracts\SUBCONTRACT AGREEMENTS\ZoladzZoladz TO 37 - Steel Sun 2\CAD\Figure 2; Site III-3 (BCP Site No.C915199C) Remedial Cover System Approach.dwg

LEGEND:

- BUSINESS PARK BOUNDARY
- EXISTING BUILDING / STRUCTURE
- RAILROAD TRACK
- 1' BUD-APPROVED SLAG COVER OVER DEMARCATION LAYER
- 2' BUD-APPROVED SLAG COVER OVER DEMARCATION LAYER
- 1' APPROVED SOIL COVER OVER DEMARCATION LAYER (SEEDED)

N

200 0' 200 400

SCALE: 1 INCH = 200 FEET
SCALE IN FEET
(approximate)

APPLY 2' OF COVER OVER AREA OF SUSPECTED BURIED ACM SLOPE TO SURROUNDING GRADE AT 1v:20h

SITE III-3
"A" PARCEL
C915199C (± 3.9 ACRES)

FOUNDATION REMAINS

PAVED ROADWAY

KEY IN COVER AT EDGE OF ROADWAY

SITE III-3
"B" PARCEL
C915199C (± 6.5 ACRES)

KEY IN COVER AT EDGE OF ROADWAY AND RAILROAD TRACKS

DEPARTMENT

ELECTRICAL

AUTO PARKING

FULL OF TRACKS

EAST HARBOR LEAD

SMOKES CREEK

SOUTH RETURN W

DATE: AUGUST 2016
DRAFTED BY: RFL

2558 HAMBURG TURNPIKE
SUITE 300
BUFFALO, NY 14218
(716) 856-0635

JOB NO.: 0351-015-002

# SITE III-3 (BCP SITE NO. C915199C) REMEDIAL COVER SYSTEM APPROACH

REMEDIAL ACTION WORK PLAN

STEEL SUN 2

LACKAWANNA, NEW YORK

PREPARED FOR
STEEL SUN 2, LLC

**FIGURE 2**

# ATTACHMENT 1

## REQUEST TO IMPORT/REUSE FILL OR SOIL
## AND
## SUPPORTING DOCUMENTATION FOR GREEN LAKE SEDIMENT

BENCHMARK

**NEW YORK STATE**
**DEPARTMENT OF ENVIRONMENTAL CONSERVATION**

***Request to Import/Reuse Fill or Soil***

*This form is based on the information required by DER-10, Section 5.4(e). Use of this form is not a substitute for reading the applicable Technical Guidance document.*

## SECTION 1 – SITE BACKGROUND

The allowable site use is: Commercial or Industrial Use

Have Ecological Resources been identified? no

Is this soil originating from the site? no

How many cubic yards of soil will be imported/reused? >1000

If greater than 1000 cubic yards will be imported, enter volume to be imported: 1,200

## SECTION 2 – MATERIAL OTHER THAN SOIL

Is the material to be imported gravel, rock or stone? no

Does it contain less than 10%, by weight, material that would pass a size 80 sieve? no

Is this virgin material from a permitted mine or quarry? no

Is this material recycled concrete or brick from a DEC registered processing facility? no

## SECTION 3 - SAMPLING

Provide a brief description of the number and type of samples collected in the space below:

On September 13, 2016:

- 3 composite samples were collected and analyzed for Part 375 SVOCs, metals (excluding mercury), PCBs, organochlorine pesticides, mercury, and cyanide.

- 9 discrete samples were collected and analyzed for Part 375 VOCs.

---

*Example Text: 5 discrete samples were collected and analyzed for VOCs. 2 composite samples were collected and analyzed for SVOCs, Inorganics & PCBs/Pesticides.*

*If the material meets requirements of DER-10 section 5.5 (other material), no chemical testing needed.*

## SECTION 3 CONT'D - SAMPLING

Provide a brief written summary of the sampling results or attach evaluation tables (compare to DER-10, Appendix 5):

Table 1-1 summarizes the analytical results with a comparison to DER-10 Appendix 5, Allowable Constituent Levels for Imported Fill or Soil, Subdivision 5.4(e); none of the results exceed the Part 375 unrestricted use soil cleanup objectives.

---

*Example Text: Arsenic was detected up to 17 ppm in 1 (of 5) samples; the allowable level is 16 ppm.*

*If Ecological Resources have been identified use the "If Ecological Resources are Present" column in Appendix 5.*

## SECTION 4 – SOURCE OF FILL

Name of person providing fill and relationship to the source:

Zoladz Construction Company, Inc. - transporter

Location where fill was obtained:

Green Lake, Yates Park, Orchard Park, NY

Identification of any state or local approvals as a fill source:

BUD No. 1265-9-15

If no approvals are available, provide a brief history of the use of the property that is the fill source:

Provide a list of supporting documentation included with this request:

BUD Approval Letter
Analytical Data Package
Summary Table

The information provided on this form is accurate and complete.

Lori E. Riker, P.E. Digitally signed by Lori E. Riker, P.E. Date: 2016.09.23 15:13:08 -04'00'

Signature

09/23/16

Date

Lori E. Riker, P.E.

Print Name

Benchmark Environmental Engineering & Science, PLLC

Firm

**TABLE 1-1**

**SUMMARY OF SEDIMENT ANALYTICAL RESULTS**
**GREEN LAKE DREDGING PROJECT**

**SOURCE: GREEN LAKE, YATES PARK, ORCHARD PARK, NY**
**MATERIAL: SEDIMENT**

| Parameter[1] | Unrestricted Use SCOs[2] | Sample Location and Collection Date | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 9/13/2016 | | | | | | | | | | | |
| | | COMPOSITE #1 | COMPOSITE #2 | COMPOSITE #3 | VOC GRAB #1 | VOC GRAB #2 | VOC GRAB #3 | VOC GRAB #4 | VOC GRAB #5 | VOC GRAB #6 | VOC GRAB #7 | VOC GRAB #8 | VOC GRAB #9 |
| ***Volatile Organic Compounds (VOCs) - mg/kg*** [3] | | | | | | | | | | | | | |
| 1,1,1-Trichloroethane | **0.68** | -- | -- | -- | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 1,1-Dichloroethane | **0.27** | -- | -- | -- | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 1,2-Dichloroethane | **0.27** | -- | -- | -- | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 1,1-Dichloroethene | **0.33** | -- | -- | -- | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 1,2,4-Trimethylbenzene | **3.6** | -- | -- | -- | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 1,2-Dichlorobenzene | **1.1** | -- | -- | -- | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 1,3,5-Trimethylbenzene | **8.4** | -- | -- | -- | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 1,3-Dichlorobenzene | **2.4** | -- | -- | -- | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 1,4-Dichlorobenzene | **1.8** | -- | -- | -- | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 1,4-Dioxane | **--** | -- | -- | -- | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 2-Butanone (MEK) | **0.12** | -- | -- | -- | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Acetone | **0.05** | -- | -- | -- | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Benzene | **0.06** | -- | -- | -- | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Carbon tetrachloride | **0.76** | -- | -- | -- | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Chloroform | **0.37** | -- | -- | -- | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| cis-1,2-Dichloroethene | **0.25** | -- | -- | -- | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Ethylbenzene | **1** | -- | -- | -- | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Methyl tert butyl ether | **0.93** | -- | -- | -- | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Methylene chloride | **0.05** | -- | -- | -- | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| n-Butylbenzene | **12** | -- | -- | -- | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| n-Propylbenzene | **3.9** | -- | -- | -- | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| sec-Butylbenzene | **11** | -- | -- | -- | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| tert-Butylbenzene | **5.9** | -- | -- | -- | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Toluene | **0.7** | -- | -- | -- | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| trans-1,2-Dichloroethene | **0.19** | -- | -- | -- | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Trichloroethene | **0.47** | -- | -- | -- | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Vinyl chloride | **0.02** | -- | -- | -- | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| m&p-Xylene | **0.26** | -- | -- | -- | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| o-Xylenes | **0.26** | -- | -- | -- | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| ***Semi-Volatile Organic Compounds (SVOCs) - mg/kg*** [3] | | | | | | | | | | | | | |
| 2-Methylphenol | -- | ND | ND | ND | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 4-Methylphenol | -- | ND | ND | ND | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| Acenaphthene | **20** | ND | ND | ND | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| Acenaphthylene | **100** | 0.034 J | ND | ND | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| Anthracene | **100** | ND | ND | ND | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| Benzo(a)anthracene | **1** | 0.15 | 0.055 J | 0.05 J | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| Benzo(a)pyrene | **1** | 0.17 | 0.061 J | 0.14 J | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| Benzo(b)fluoranthene | **1** | 0.28 | 0.099 J | 0.078 J | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| Benzo(g,h,i)perylene | **100** | 0.1 J | 0.04 J | 0.03 J | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| Benzo(k)fluoranthene | **0.8** | 0.096 J | ND | ND | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| Chrysene | **1** | 0.22 | 0.087 J | 0.059 J | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| Dibenzo(a,h)anthracene | **0.33** | 0.025 J | ND | ND | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| Dibenzofuran | **7** | ND | ND | ND | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| Fluoranthene | **100** | 0.38 | 0.15 | 0.12 | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| Fluorene | **30** | ND | ND | ND | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| Hexachlorobenzene | **--** | ND | ND | ND | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| Indeno(1,2,3-cd)pyrene | **0.5** | 0.12 J | 0.045 J | 0.034 J | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| Naphthalene | **12** | ND | ND | ND | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| Pentachlorophenol | **0.8** | ND | ND | ND | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| Phenanthrene | **100** | 0.12 | 0.052 J | 0.044 J | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| Phenol | **0.33** | ND | ND | ND | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| Pyrene | **100** | 0.29 | 0.11 J | 0.094 J | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| ***Total PCBs (mg/kg)*** | | | | | | | | | | | | | |
| Aroclor 1016 | **0.1** | ND | ND | ND | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| Aroclor 1221 | **0.1** | ND | ND | ND | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| Aroclor 1232 | **0.1** | ND | ND | ND | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| Aroclor 1242 | **0.1** | ND | ND | ND | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| Aroclor 1248 | **0.1** | ND | ND | ND | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| Aroclor 1254 | **0.1** | ND | ND | ND | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| Aroclor 1260 | **0.1** | ND | ND | ND | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| Aroclor 1262 | **0.1** | ND | ND | ND | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| Aroclor 1268 | **0.1** | ND | ND | ND | -- | -- | -- | -- | -- | -- | -- | -- | -- |

**TABLE 1-1**

**SUMMARY OF SEDIMENT ANALYTICAL RESULTS**
**GREEN LAKE DREDGING PROJECT**

**SOURCE: GREEN LAKE, YATES PARK, ORCHARD PARK, NY**
**MATERIAL: SEDIMENT**

| Parameter[1] | Unrestricted Use SCOs[2] | Sample Location and Collection Date | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 9/13/2016 | | | | | | | | | | | |
| | | COMPOSITE #1 | COMPOSITE #2 | COMPOSITE #3 | VOC GRAB #1 | VOC GRAB #2 | VOC GRAB #3 | VOC GRAB #4 | VOC GRAB #5 | VOC GRAB #6 | VOC GRAB #7 | VOC GRAB #8 | VOC GRAB #9 |
| ***Total Metals - mg/kg*** | | | | | | | | | | | | | |
| Arsenic | **13** | 7.2 | 6.1 | 5.4 | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| Barium | **350** | 120 | 110 | 110 | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| Beryllium | **7.2** | 0.74 | 0.64 | 0.66 | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| Cadmium | **2.5** | 0.72 | 0.51 | 0.49 | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| Chromium | **30** | 17 | 15 | 15 | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| Copper | **50** | 34 | 33 | 33 | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| Lead | **63** | 25 | 22 | 24 | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| Manganese | **1600** | 400 | 290 | 280 | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| Mercury | **0.18** | 0.12 | 0.081 J | 0.15 | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| Nickel | **30** | 26 | 30 | 26 | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| Selenium | **3.9** | ND | ND | 0.13 J | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| Silver | **2** | 0.17 J | ND | 0.09 J | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| Zinc | **109** | 96 | 90 | 86 | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| Cyanide | **27** | 0.22 J | ND | 0.2 J | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| ***Pesticides and Herbicides (mg/kg)*** | | | | | | | | | | | | | |
| 4,4'-DDD | **0.0033** | ND | ND | ND | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 4,4'-DDE | **0.0033** | ND | ND | ND | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 4,4'-DDT | **0.0033** | ND | ND | ND | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| Aldrin | **0.005** | ND | ND | ND | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| alpha-BHC | **0.02** | ND | ND | ND | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| beta-BHC | **0.036** | ND | ND | ND | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| cis-Chlorodane | **--** | ND | ND | ND | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| delta-BHC | **0.04** | ND | ND | ND | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| Dieldrin | **0.005** | ND | ND | ND | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| Endosulfan I | **2.4** | ND | ND | ND | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| Endosulfan II | **2.4** | ND | ND | ND | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| Endosulfan sulfate | **2.4** | ND | ND | ND | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| Endrin | **0.014** | ND | ND | ND | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| gamma-BHC (Lindane) | **0.1** | ND | ND | ND | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| Heptachlor | **0.042** | ND | ND | ND | -- | -- | -- | -- | -- | -- | -- | -- | -- |

**Notes:**
1. Only those parameters detected at a minimum of one sample location are presented in this table; all other compounds were reported as non-detect.
2. Values per NYSDEC Part 375 Soil Cleanup Objectives (May 2010).
3. Sample results were reported by the laboratory in ug/kg and converted to mg/kg for comparison to SCOs; Lab Report #L1628841 dated 09/20/13..

**Definitions:**
ND = Parameter not detected above laboratory detection limit.
"--" = Sample not analyzed for parameter or no SCO available for the parameter.
J = Estimated value; result is less than the sample quantitation limit but greater than zero.

**BOLD** = Result exceeds Part 375 Unrestricted Use SCO.

# ANALYTICAL REPORT

| | |
|---|---|
| Lab Number: | L1628841 |
| Client: | Turnkey Environmental Restoration, LLC<br>2558 Hamburg Turnpike<br>Suite 300<br>Buffalo, NY 14218 |
| ATTN: | Lori Riker |
| Phone: | (716) 856-0599 |
| Project Name: | GREEN LAKE SEDIMENT SAMPLES |
| Project Number: | B0351-016-003 |
| Report Date: | 09/20/16 |

The original project report/data package is held by Alpha Analytical. This report/data package is paginated and should be reproduced only in its entirety. Alpha Analytical holds no responsibility for results and/or data that are not consistent with the original.

Certifications & Approvals: MA (M-MA086), NY (11148), CT (PH-0574), NH (2003), NJ NELAP (MA935), RI (LAO00065), ME (MA00086), PA (68-03671), VA (460195), MD (348), IL (200077), NC (666), TX (T104704476), DOD (L2217), USDA (Permit #P-330-11-00240).

Eight Walkup Drive, Westborough, MA 01581-1019
508-898-9220 (Fax) 508-898-9193 800-624-9220 - www.alphalab.com

**Project Name:** GREEN LAKE SEDIMENT SAMPLES
**Project Number:** B0351-016-003

**Lab Number:** L1628841
**Report Date:** 09/20/16

| Alpha Sample ID | Client ID | Matrix | Sample Location | Collection Date/Time | Receive Date |
|---|---|---|---|---|---|
| L1628841-01 | COMPOSITE #1 | SOIL | STEEL SUN 2 SITE | 09/13/16 10:40 | 09/13/16 |
| L1628841-02 | COMPOSITE #2 | SOIL | STEEL SUN 2 SITE | 09/13/16 10:45 | 09/13/16 |
| L1628841-03 | COMPOSITE #3 | SOIL | STEEL SUN 2 SITE | 09/13/16 10:50 | 09/13/16 |
| L1628841-04 | VOC GRAB #1 | SOIL | STEEL SUN 2 SITE | 09/13/16 10:55 | 09/13/16 |
| L1628841-05 | VOC GRAB #2 | SOIL | STEEL SUN 2 SITE | 09/13/16 10:58 | 09/13/16 |
| L1628841-06 | VOC GRAB #3 | SOIL | STEEL SUN 2 SITE | 09/13/16 11:01 | 09/13/16 |
| L1628841-07 | VOC GRAB #4 | SOIL | STEEL SUN 2 SITE | 09/13/16 11:04 | 09/13/16 |
| L1628841-08 | VOC GRAB #5 | SOIL | STEEL SUN 2 SITE | 09/13/16 11:07 | 09/13/16 |
| L1628841-09 | VOC GRAB #6 | SOIL | STEEL SUN 2 SITE | 09/13/16 11:09 | 09/13/16 |
| L1628841-10 | VOC GRAB #7 | SOIL | STEEL SUN 2 SITE | 09/13/16 11:17 | 09/13/16 |
| L1628841-11 | VOC GRAB #8 | SOIL | STEEL SUN 2 SITE | 09/13/16 11:15 | 09/13/16 |
| L1628841-12 | VOC GRAB #9 | SOIL | STEEL SUN 2 SITE | 09/13/16 11:20 | 09/13/16 |

| | | | |
|---|---|---|---|
| **Project Name:** | GREEN LAKE SEDIMENT SAMPLES | **Lab Number:** | L1628841 |
| **Project Number:** | B0351-016-003 | **Report Date:** | 09/20/16 |

## Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively. When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. All specific QC information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated usability implications. Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances the specific failure is not narrated but noted in the associated QC table. The information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated usability implications.

Please see the associated ADEx data file for a comparison of laboratory reporting limits that were achieved with the regulatory Numerical Standards requested on the Chain of Custody.

HOLD POLICY
For samples submitted on hold, Alpha's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Client Service Representative and made arrangements for Alpha to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Client Services at 800-624-9220 with any questions.

| | | | |
|---|---|---|---|
| **Project Name:** | GREEN LAKE SEDIMENT SAMPLES | **Lab Number:** | L1628841 |
| **Project Number:** | B0351-016-003 | **Report Date:** | 09/20/16 |

**Case Narrative (continued)**

Report Submission

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

Sample Receipt

The sample location was specified by the client.

Volatile Organics

Any reported concentrations that are below 200 ug/kg may be biased low due to the sample not being collected according to 5035-L/5035A-L low-level specifications.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature:  Lura L Troy

Title: Technical Director/Representative Date: 09/20/16

# ORGANICS

# VOLATILES

**Project Name:** GREEN LAKE SEDIMENT SAMPLES **Lab Number:** L1628841

**Project Number:** B0351-016-003 **Report Date:** 09/20/16

## SAMPLE RESULTS

Lab ID: L1628841-04
Client ID: VOC GRAB #1
Sample Location: STEEL SUN 2 SITE
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 09/20/16 11:14
Analyst: BN
Percent Solids: 82%

Date Collected: 09/13/16 10:55
Date Received: 09/13/16
Field Prep: Not Specified

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **Volatile Organics by GC/MS - Westborough Lab** | | | | | | |
| Methylene chloride | ND | | ug/kg | 12 | 1.3 | 1 |
| 1,1-Dichloroethane | ND | | ug/kg | 1.8 | 0.10 | 1 |
| Chloroform | ND | | ug/kg | 1.8 | 0.45 | 1 |
| Carbon tetrachloride | ND | | ug/kg | 1.2 | 0.26 | 1 |
| Tetrachloroethene | ND | | ug/kg | 1.2 | 0.17 | 1 |
| Chlorobenzene | ND | | ug/kg | 1.2 | 0.42 | 1 |
| 1,2-Dichloroethane | ND | | ug/kg | 1.2 | 0.14 | 1 |
| 1,1,1-Trichloroethane | ND | | ug/kg | 1.2 | 0.14 | 1 |
| Benzene | ND | | ug/kg | 1.2 | 0.14 | 1 |
| Toluene | ND | | ug/kg | 1.8 | 0.24 | 1 |
| Ethylbenzene | ND | | ug/kg | 1.2 | 0.16 | 1 |
| Vinyl chloride | ND | | ug/kg | 2.4 | 0.14 | 1 |
| 1,1-Dichloroethene | ND | | ug/kg | 1.2 | 0.32 | 1 |
| trans-1,2-Dichloroethene | ND | | ug/kg | 1.8 | 0.26 | 1 |
| Trichloroethene | ND | | ug/kg | 1.2 | 0.15 | 1 |
| 1,2-Dichlorobenzene | ND | | ug/kg | 6.1 | 0.19 | 1 |
| 1,3-Dichlorobenzene | ND | | ug/kg | 6.1 | 0.16 | 1 |
| 1,4-Dichlorobenzene | ND | | ug/kg | 6.1 | 0.17 | 1 |
| Methyl tert butyl ether | ND | | ug/kg | 2.4 | 0.10 | 1 |
| p/m-Xylene | ND | | ug/kg | 2.4 | 0.43 | 1 |
| o-Xylene | ND | | ug/kg | 2.4 | 0.41 | 1 |
| cis-1,2-Dichloroethene | ND | | ug/kg | 1.2 | 0.17 | 1 |
| Acetone | ND | | ug/kg | 12 | 1.3 | 1 |
| 2-Butanone | ND | | ug/kg | 12 | 0.33 | 1 |
| n-Butylbenzene | ND | | ug/kg | 1.2 | 0.14 | 1 |
| sec-Butylbenzene | ND | | ug/kg | 1.2 | 0.15 | 1 |
| tert-Butylbenzene | ND | | ug/kg | 6.1 | 0.16 | 1 |
| n-Propylbenzene | ND | | ug/kg | 1.2 | 0.13 | 1 |
| 1,3,5-Trimethylbenzene | ND | | ug/kg | 6.1 | 0.17 | 1 |
| 1,2,4-Trimethylbenzene | ND | | ug/kg | 6.1 | 0.17 | 1 |

**Project Name:** GREEN LAKE SEDIMENT SAMPLES **Lab Number:** L1628841

**Project Number:** B0351-016-003 **Report Date:** 09/20/16

## SAMPLE RESULTS

Lab ID: L1628841-04 Date Collected: 09/13/16 10:55

Client ID: VOC GRAB #1 Date Received: 09/13/16

Sample Location: STEEL SUN 2 SITE Field Prep: Not Specified

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **Volatile Organics by GC/MS - Westborough Lab** | | | | | | |
| 1,4-Dioxane | ND | | ug/kg | 120 | 18. | 1 |

| Surrogate | % Recovery | Qualifier | Acceptance Criteria |
|---|---|---|---|
| 1,2-Dichloroethane-d4 | 99 | | 70-130 |
| Toluene-d8 | 108 | | 70-130 |
| 4-Bromofluorobenzene | 111 | | 70-130 |
| Dibromofluoromethane | 106 | | 70-130 |

**Project Name:** GREEN LAKE SEDIMENT SAMPLES **Lab Number:** L1628841

**Project Number:** B0351-016-003 **Report Date:** 09/20/16

## SAMPLE RESULTS

Lab ID: L1628841-05
Client ID: VOC GRAB #2
Sample Location: STEEL SUN 2 SITE
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 09/20/16 11:39
Analyst: JC
Percent Solids: 77%

Date Collected: 09/13/16 10:58
Date Received: 09/13/16
Field Prep: Not Specified

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **Volatile Organics by GC/MS - Westborough Lab** | | | | | | |
| Methylene chloride | ND | | ug/kg | 13 | 1.4 | 1 |
| 1,1-Dichloroethane | ND | | ug/kg | 1.9 | 0.11 | 1 |
| Chloroform | ND | | ug/kg | 1.9 | 0.48 | 1 |
| Carbon tetrachloride | ND | | ug/kg | 1.3 | 0.27 | 1 |
| Tetrachloroethene | ND | | ug/kg | 1.3 | 0.18 | 1 |
| Chlorobenzene | ND | | ug/kg | 1.3 | 0.45 | 1 |
| 1,2-Dichloroethane | ND | | ug/kg | 1.3 | 0.15 | 1 |
| 1,1,1-Trichloroethane | ND | | ug/kg | 1.3 | 0.14 | 1 |
| Benzene | ND | | ug/kg | 1.3 | 0.15 | 1 |
| Toluene | ND | | ug/kg | 1.9 | 0.25 | 1 |
| Ethylbenzene | ND | | ug/kg | 1.3 | 0.16 | 1 |
| Vinyl chloride | ND | | ug/kg | 2.6 | 0.15 | 1 |
| 1,1-Dichloroethene | ND | | ug/kg | 1.3 | 0.34 | 1 |
| trans-1,2-Dichloroethene | ND | | ug/kg | 1.9 | 0.27 | 1 |
| Trichloroethene | ND | | ug/kg | 1.3 | 0.16 | 1 |
| 1,2-Dichlorobenzene | ND | | ug/kg | 6.5 | 0.20 | 1 |
| 1,3-Dichlorobenzene | ND | | ug/kg | 6.5 | 0.17 | 1 |
| 1,4-Dichlorobenzene | ND | | ug/kg | 6.5 | 0.18 | 1 |
| Methyl tert butyl ether | ND | | ug/kg | 2.6 | 0.11 | 1 |
| p/m-Xylene | ND | | ug/kg | 2.6 | 0.45 | 1 |
| o-Xylene | ND | | ug/kg | 2.6 | 0.44 | 1 |
| cis-1,2-Dichloroethene | ND | | ug/kg | 1.3 | 0.18 | 1 |
| Acetone | ND | | ug/kg | 13 | 1.3 | 1 |
| 2-Butanone | ND | | ug/kg | 13 | 0.35 | 1 |
| n-Butylbenzene | ND | | ug/kg | 1.3 | 0.15 | 1 |
| sec-Butylbenzene | ND | | ug/kg | 1.3 | 0.16 | 1 |
| tert-Butylbenzene | ND | | ug/kg | 6.5 | 0.18 | 1 |
| n-Propylbenzene | ND | | ug/kg | 1.3 | 0.14 | 1 |
| 1,3,5-Trimethylbenzene | ND | | ug/kg | 6.5 | 0.18 | 1 |
| 1,2,4-Trimethylbenzene | ND | | ug/kg | 6.5 | 0.18 | 1 |

**Project Name:** GREEN LAKE SEDIMENT SAMPLES **Lab Number:** L1628841

**Project Number:** B0351-016-003 **Report Date:** 09/20/16

## SAMPLE RESULTS

Lab ID: L1628841-05 Date Collected: 09/13/16 10:58

Client ID: VOC GRAB #2 Date Received: 09/13/16

Sample Location: STEEL SUN 2 SITE Field Prep: Not Specified

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **Volatile Organics by GC/MS - Westborough Lab** | | | | | | |
| 1,4-Dioxane | ND | | ug/kg | 130 | 19. | 1 |

| Surrogate | % Recovery | Qualifier | Acceptance Criteria |
|---|---|---|---|
| 1,2-Dichloroethane-d4 | 102 | | 70-130 |
| Toluene-d8 | 111 | | 70-130 |
| 4-Bromofluorobenzene | 112 | | 70-130 |
| Dibromofluoromethane | 107 | | 70-130 |

**Project Name:** GREEN LAKE SEDIMENT SAMPLES **Lab Number:** L1628841

**Project Number:** B0351-016-003 **Report Date:** 09/20/16

## SAMPLE RESULTS

Lab ID: L1628841-06
Client ID: VOC GRAB #3
Sample Location: STEEL SUN 2 SITE
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 09/20/16 12:04
Analyst: JC
Percent Solids: 85%

Date Collected: 09/13/16 11:01
Date Received: 09/13/16
Field Prep: Not Specified

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **Volatile Organics by GC/MS - Westborough Lab** | | | | | | |
| Methylene chloride | ND | | ug/kg | 12 | 1.3 | 1 |
| 1,1-Dichloroethane | ND | | ug/kg | 1.8 | 0.10 | 1 |
| Chloroform | ND | | ug/kg | 1.8 | 0.44 | 1 |
| Carbon tetrachloride | ND | | ug/kg | 1.2 | 0.25 | 1 |
| Tetrachloroethene | ND | | ug/kg | 1.2 | 0.16 | 1 |
| Chlorobenzene | ND | | ug/kg | 1.2 | 0.41 | 1 |
| 1,2-Dichloroethane | ND | | ug/kg | 1.2 | 0.13 | 1 |
| 1,1,1-Trichloroethane | ND | | ug/kg | 1.2 | 0.13 | 1 |
| Benzene | ND | | ug/kg | 1.2 | 0.14 | 1 |
| Toluene | ND | | ug/kg | 1.8 | 0.23 | 1 |
| Ethylbenzene | ND | | ug/kg | 1.2 | 0.15 | 1 |
| Vinyl chloride | ND | | ug/kg | 2.4 | 0.14 | 1 |
| 1,1-Dichloroethene | ND | | ug/kg | 1.2 | 0.31 | 1 |
| trans-1,2-Dichloroethene | ND | | ug/kg | 1.8 | 0.25 | 1 |
| Trichloroethene | ND | | ug/kg | 1.2 | 0.15 | 1 |
| 1,2-Dichlorobenzene | ND | | ug/kg | 5.9 | 0.18 | 1 |
| 1,3-Dichlorobenzene | ND | | ug/kg | 5.9 | 0.16 | 1 |
| 1,4-Dichlorobenzene | ND | | ug/kg | 5.9 | 0.16 | 1 |
| Methyl tert butyl ether | ND | | ug/kg | 2.4 | 0.10 | 1 |
| p/m-Xylene | ND | | ug/kg | 2.4 | 0.41 | 1 |
| o-Xylene | ND | | ug/kg | 2.4 | 0.40 | 1 |
| cis-1,2-Dichloroethene | ND | | ug/kg | 1.2 | 0.17 | 1 |
| Acetone | ND | | ug/kg | 12 | 1.2 | 1 |
| 2-Butanone | ND | | ug/kg | 12 | 0.32 | 1 |
| n-Butylbenzene | ND | | ug/kg | 1.2 | 0.14 | 1 |
| sec-Butylbenzene | ND | | ug/kg | 1.2 | 0.14 | 1 |
| tert-Butylbenzene | ND | | ug/kg | 5.9 | 0.16 | 1 |
| n-Propylbenzene | ND | | ug/kg | 1.2 | 0.13 | 1 |
| 1,3,5-Trimethylbenzene | ND | | ug/kg | 5.9 | 0.17 | 1 |
| 1,2,4-Trimethylbenzene | ND | | ug/kg | 5.9 | 0.17 | 1 |

**Project Name:** GREEN LAKE SEDIMENT SAMPLES **Lab Number:** L1628841

**Project Number:** B0351-016-003 **Report Date:** 09/20/16

## SAMPLE RESULTS

Lab ID: L1628841-06 Date Collected: 09/13/16 11:01

Client ID: VOC GRAB #3 Date Received: 09/13/16

Sample Location: STEEL SUN 2 SITE Field Prep: Not Specified

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **Volatile Organics by GC/MS - Westborough Lab** | | | | | | |
| 1,4-Dioxane | ND | | ug/kg | 120 | 17. | 1 |

| Surrogate | % Recovery | Qualifier | Acceptance Criteria |
|---|---|---|---|
| 1,2-Dichloroethane-d4 | 102 | | 70-130 |
| Toluene-d8 | 109 | | 70-130 |
| 4-Bromofluorobenzene | 113 | | 70-130 |
| Dibromofluoromethane | 109 | | 70-130 |

**Project Name:** GREEN LAKE SEDIMENT SAMPLES **Lab Number:** L1628841

**Project Number:** B0351-016-003 **Report Date:** 09/20/16

## SAMPLE RESULTS

Lab ID: L1628841-07
Client ID: VOC GRAB #4
Sample Location: STEEL SUN 2 SITE
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 09/20/16 12:29
Analyst: JC
Percent Solids: 80%

Date Collected: 09/13/16 11:04
Date Received: 09/13/16
Field Prep: Not Specified

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **Volatile Organics by GC/MS - Westborough Lab** | | | | | | |
| Methylene chloride | ND | | ug/kg | 12 | 1.4 | 1 |
| 1,1-Dichloroethane | ND | | ug/kg | 1.9 | 0.11 | 1 |
| Chloroform | ND | | ug/kg | 1.9 | 0.46 | 1 |
| Carbon tetrachloride | ND | | ug/kg | 1.2 | 0.26 | 1 |
| Tetrachloroethene | ND | | ug/kg | 1.2 | 0.18 | 1 |
| Chlorobenzene | ND | | ug/kg | 1.2 | 0.44 | 1 |
| 1,2-Dichloroethane | ND | | ug/kg | 1.2 | 0.14 | 1 |
| 1,1,1-Trichloroethane | ND | | ug/kg | 1.2 | 0.14 | 1 |
| Benzene | ND | | ug/kg | 1.2 | 0.15 | 1 |
| Toluene | ND | | ug/kg | 1.9 | 0.24 | 1 |
| Ethylbenzene | ND | | ug/kg | 1.2 | 0.16 | 1 |
| Vinyl chloride | ND | | ug/kg | 2.5 | 0.15 | 1 |
| 1,1-Dichloroethene | ND | | ug/kg | 1.2 | 0.33 | 1 |
| trans-1,2-Dichloroethene | ND | | ug/kg | 1.9 | 0.26 | 1 |
| Trichloroethene | ND | | ug/kg | 1.2 | 0.16 | 1 |
| 1,2-Dichlorobenzene | ND | | ug/kg | 6.2 | 0.19 | 1 |
| 1,3-Dichlorobenzene | ND | | ug/kg | 6.2 | 0.17 | 1 |
| 1,4-Dichlorobenzene | ND | | ug/kg | 6.2 | 0.17 | 1 |
| Methyl tert butyl ether | ND | | ug/kg | 2.5 | 0.10 | 1 |
| p/m-Xylene | ND | | ug/kg | 2.5 | 0.44 | 1 |
| o-Xylene | ND | | ug/kg | 2.5 | 0.42 | 1 |
| cis-1,2-Dichloroethene | ND | | ug/kg | 1.2 | 0.18 | 1 |
| Acetone | ND | | ug/kg | 12 | 1.3 | 1 |
| 2-Butanone | ND | | ug/kg | 12 | 0.34 | 1 |
| n-Butylbenzene | ND | | ug/kg | 1.2 | 0.14 | 1 |
| sec-Butylbenzene | ND | | ug/kg | 1.2 | 0.15 | 1 |
| tert-Butylbenzene | ND | | ug/kg | 6.2 | 0.17 | 1 |
| n-Propylbenzene | ND | | ug/kg | 1.2 | 0.14 | 1 |
| 1,3,5-Trimethylbenzene | ND | | ug/kg | 6.2 | 0.18 | 1 |
| 1,2,4-Trimethylbenzene | ND | | ug/kg | 6.2 | 0.18 | 1 |

**Project Name:** GREEN LAKE SEDIMENT SAMPLES **Lab Number:** L1628841

**Project Number:** B0351-016-003 **Report Date:** 09/20/16

## SAMPLE RESULTS

Lab ID: L1628841-07 Date Collected: 09/13/16 11:04

Client ID: VOC GRAB #4 Date Received: 09/13/16

Sample Location: STEEL SUN 2 SITE Field Prep: Not Specified

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **Volatile Organics by GC/MS - Westborough Lab** | | | | | | |
| 1,4-Dioxane | ND | | ug/kg | 120 | 18. | 1 |

| Surrogate | % Recovery | Qualifier | Acceptance Criteria |
|---|---|---|---|
| 1,2-Dichloroethane-d4 | 100 | | 70-130 |
| Toluene-d8 | 111 | | 70-130 |
| 4-Bromofluorobenzene | 110 | | 70-130 |
| Dibromofluoromethane | 103 | | 70-130 |

**Project Name:** GREEN LAKE SEDIMENT SAMPLES **Lab Number:** L1628841

**Project Number:** B0351-016-003 **Report Date:** 09/20/16

## SAMPLE RESULTS

Lab ID: L1628841-08
Client ID: VOC GRAB #5
Sample Location: STEEL SUN 2 SITE
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 09/20/16 12:55
Analyst: JC
Percent Solids: 81%

Date Collected: 09/13/16 11:07
Date Received: 09/13/16
Field Prep: Not Specified

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **Volatile Organics by GC/MS - Westborough Lab** | | | | | | |
| Methylene chloride | ND | | ug/kg | 12 | 1.4 | 1 |
| 1,1-Dichloroethane | ND | | ug/kg | 1.9 | 0.11 | 1 |
| Chloroform | ND | | ug/kg | 1.9 | 0.46 | 1 |
| Carbon tetrachloride | ND | | ug/kg | 1.2 | 0.26 | 1 |
| Tetrachloroethene | ND | | ug/kg | 1.2 | 0.17 | 1 |
| Chlorobenzene | ND | | ug/kg | 1.2 | 0.43 | 1 |
| 1,2-Dichloroethane | ND | | ug/kg | 1.2 | 0.14 | 1 |
| 1,1,1-Trichloroethane | ND | | ug/kg | 1.2 | 0.14 | 1 |
| Benzene | ND | | ug/kg | 1.2 | 0.15 | 1 |
| Toluene | ND | | ug/kg | 1.9 | 0.24 | 1 |
| Ethylbenzene | ND | | ug/kg | 1.2 | 0.16 | 1 |
| Vinyl chloride | ND | | ug/kg | 2.5 | 0.14 | 1 |
| 1,1-Dichloroethene | ND | | ug/kg | 1.2 | 0.32 | 1 |
| trans-1,2-Dichloroethene | ND | | ug/kg | 1.9 | 0.26 | 1 |
| Trichloroethene | ND | | ug/kg | 1.2 | 0.16 | 1 |
| 1,2-Dichlorobenzene | ND | | ug/kg | 6.2 | 0.19 | 1 |
| 1,3-Dichlorobenzene | ND | | ug/kg | 6.2 | 0.17 | 1 |
| 1,4-Dichlorobenzene | ND | | ug/kg | 6.2 | 0.17 | 1 |
| Methyl tert butyl ether | ND | | ug/kg | 2.5 | 0.10 | 1 |
| p/m-Xylene | ND | | ug/kg | 2.5 | 0.44 | 1 |
| o-Xylene | ND | | ug/kg | 2.5 | 0.42 | 1 |
| cis-1,2-Dichloroethene | ND | | ug/kg | 1.2 | 0.18 | 1 |
| Acetone | ND | | ug/kg | 12 | 1.3 | 1 |
| 2-Butanone | ND | | ug/kg | 12 | 0.34 | 1 |
| n-Butylbenzene | ND | | ug/kg | 1.2 | 0.14 | 1 |
| sec-Butylbenzene | ND | | ug/kg | 1.2 | 0.15 | 1 |
| tert-Butylbenzene | ND | | ug/kg | 6.2 | 0.17 | 1 |
| n-Propylbenzene | ND | | ug/kg | 1.2 | 0.14 | 1 |
| 1,3,5-Trimethylbenzene | ND | | ug/kg | 6.2 | 0.18 | 1 |
| 1,2,4-Trimethylbenzene | ND | | ug/kg | 6.2 | 0.18 | 1 |

**Project Name:** GREEN LAKE SEDIMENT SAMPLES **Lab Number:** L1628841

**Project Number:** B0351-016-003 **Report Date:** 09/20/16

## SAMPLE RESULTS

Lab ID: L1628841-08 Date Collected: 09/13/16 11:07

Client ID: VOC GRAB #5 Date Received: 09/13/16

Sample Location: STEEL SUN 2 SITE Field Prep: Not Specified

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **Volatile Organics by GC/MS - Westborough Lab** | | | | | | |
| 1,4-Dioxane | ND | | ug/kg | 120 | 18. | 1 |

| Surrogate | % Recovery | Qualifier | Acceptance Criteria |
|---|---|---|---|
| 1,2-Dichloroethane-d4 | 105 | | 70-130 |
| Toluene-d8 | 110 | | 70-130 |
| 4-Bromofluorobenzene | 107 | | 70-130 |
| Dibromofluoromethane | 109 | | 70-130 |

**Project Name:** GREEN LAKE SEDIMENT SAMPLES **Lab Number:** L1628841

**Project Number:** B0351-016-003 **Report Date:** 09/20/16

## SAMPLE RESULTS

Lab ID: L1628841-09
Client ID: VOC GRAB #6
Sample Location: STEEL SUN 2 SITE
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 09/20/16 13:20
Analyst: JC
Percent Solids: 85%

Date Collected: 09/13/16 11:09
Date Received: 09/13/16
Field Prep: Not Specified

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **Volatile Organics by GC/MS - Westborough Lab** | | | | | | |
| Methylene chloride | ND | | ug/kg | 12 | 1.3 | 1 |
| 1,1-Dichloroethane | ND | | ug/kg | 1.8 | 0.10 | 1 |
| Chloroform | ND | | ug/kg | 1.8 | 0.43 | 1 |
| Carbon tetrachloride | ND | | ug/kg | 1.2 | 0.25 | 1 |
| Tetrachloroethene | ND | | ug/kg | 1.2 | 0.16 | 1 |
| Chlorobenzene | ND | | ug/kg | 1.2 | 0.41 | 1 |
| 1,2-Dichloroethane | ND | | ug/kg | 1.2 | 0.13 | 1 |
| 1,1,1-Trichloroethane | ND | | ug/kg | 1.2 | 0.13 | 1 |
| Benzene | ND | | ug/kg | 1.2 | 0.14 | 1 |
| Toluene | ND | | ug/kg | 1.8 | 0.23 | 1 |
| Ethylbenzene | ND | | ug/kg | 1.2 | 0.15 | 1 |
| Vinyl chloride | ND | | ug/kg | 2.3 | 0.14 | 1 |
| 1,1-Dichloroethene | ND | | ug/kg | 1.2 | 0.31 | 1 |
| trans-1,2-Dichloroethene | ND | | ug/kg | 1.8 | 0.25 | 1 |
| Trichloroethene | ND | | ug/kg | 1.2 | 0.15 | 1 |
| 1,2-Dichlorobenzene | ND | | ug/kg | 5.9 | 0.18 | 1 |
| 1,3-Dichlorobenzene | ND | | ug/kg | 5.9 | 0.16 | 1 |
| 1,4-Dichlorobenzene | ND | | ug/kg | 5.9 | 0.16 | 1 |
| Methyl tert butyl ether | ND | | ug/kg | 2.3 | 0.10 | 1 |
| p/m-Xylene | ND | | ug/kg | 2.3 | 0.41 | 1 |
| o-Xylene | ND | | ug/kg | 2.3 | 0.40 | 1 |
| cis-1,2-Dichloroethene | ND | | ug/kg | 1.2 | 0.17 | 1 |
| Acetone | ND | | ug/kg | 12 | 1.2 | 1 |
| 2-Butanone | ND | | ug/kg | 12 | 0.32 | 1 |
| n-Butylbenzene | ND | | ug/kg | 1.2 | 0.13 | 1 |
| sec-Butylbenzene | ND | | ug/kg | 1.2 | 0.14 | 1 |
| tert-Butylbenzene | ND | | ug/kg | 5.9 | 0.16 | 1 |
| n-Propylbenzene | ND | | ug/kg | 1.2 | 0.13 | 1 |
| 1,3,5-Trimethylbenzene | ND | | ug/kg | 5.9 | 0.17 | 1 |
| 1,2,4-Trimethylbenzene | ND | | ug/kg | 5.9 | 0.16 | 1 |

**Project Name:** GREEN LAKE SEDIMENT SAMPLES **Lab Number:** L1628841

**Project Number:** B0351-016-003 **Report Date:** 09/20/16

## SAMPLE RESULTS

Lab ID: L1628841-09 Date Collected: 09/13/16 11:09

Client ID: VOC GRAB #6 Date Received: 09/13/16

Sample Location: STEEL SUN 2 SITE Field Prep: Not Specified

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **Volatile Organics by GC/MS - Westborough Lab** | | | | | | |
| 1,4-Dioxane | ND | | ug/kg | 120 | 17. | 1 |

| Surrogate | % Recovery | Qualifier | Acceptance Criteria |
|---|---|---|---|
| 1,2-Dichloroethane-d4 | 102 | | 70-130 |
| Toluene-d8 | 110 | | 70-130 |
| 4-Bromofluorobenzene | 115 | | 70-130 |
| Dibromofluoromethane | 106 | | 70-130 |

**Project Name:** GREEN LAKE SEDIMENT SAMPLES **Lab Number:** L1628841

**Project Number:** B0351-016-003 **Report Date:** 09/20/16

## SAMPLE RESULTS

Lab ID: L1628841-10
Client ID: VOC GRAB #7
Sample Location: STEEL SUN 2 SITE
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 09/20/16 13:46
Analyst: JC
Percent Solids: 88%

Date Collected: 09/13/16 11:17
Date Received: 09/13/16
Field Prep: Not Specified

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **Volatile Organics by GC/MS - Westborough Lab** | | | | | | |
| Methylene chloride | ND | | ug/kg | 11 | 1.2 | 1 |
| 1,1-Dichloroethane | ND | | ug/kg | 1.7 | 0.10 | 1 |
| Chloroform | ND | | ug/kg | 1.7 | 0.42 | 1 |
| Carbon tetrachloride | ND | | ug/kg | 1.1 | 0.24 | 1 |
| Tetrachloroethene | ND | | ug/kg | 1.1 | 0.16 | 1 |
| Chlorobenzene | ND | | ug/kg | 1.1 | 0.39 | 1 |
| 1,2-Dichloroethane | ND | | ug/kg | 1.1 | 0.13 | 1 |
| 1,1,1-Trichloroethane | ND | | ug/kg | 1.1 | 0.12 | 1 |
| Benzene | ND | | ug/kg | 1.1 | 0.13 | 1 |
| Toluene | ND | | ug/kg | 1.7 | 0.22 | 1 |
| Ethylbenzene | ND | | ug/kg | 1.1 | 0.14 | 1 |
| Vinyl chloride | ND | | ug/kg | 2.3 | 0.13 | 1 |
| 1,1-Dichloroethene | ND | | ug/kg | 1.1 | 0.30 | 1 |
| trans-1,2-Dichloroethene | ND | | ug/kg | 1.7 | 0.24 | 1 |
| Trichloroethene | ND | | ug/kg | 1.1 | 0.14 | 1 |
| 1,2-Dichlorobenzene | ND | | ug/kg | 5.7 | 0.17 | 1 |
| 1,3-Dichlorobenzene | ND | | ug/kg | 5.7 | 0.15 | 1 |
| 1,4-Dichlorobenzene | ND | | ug/kg | 5.7 | 0.16 | 1 |
| Methyl tert butyl ether | ND | | ug/kg | 2.3 | 0.10 | 1 |
| p/m-Xylene | ND | | ug/kg | 2.3 | 0.40 | 1 |
| o-Xylene | ND | | ug/kg | 2.3 | 0.38 | 1 |
| cis-1,2-Dichloroethene | ND | | ug/kg | 1.1 | 0.16 | 1 |
| Acetone | ND | | ug/kg | 11 | 1.2 | 1 |
| 2-Butanone | ND | | ug/kg | 11 | 0.31 | 1 |
| n-Butylbenzene | ND | | ug/kg | 1.1 | 0.13 | 1 |
| sec-Butylbenzene | ND | | ug/kg | 1.1 | 0.14 | 1 |
| tert-Butylbenzene | ND | | ug/kg | 5.7 | 0.15 | 1 |
| n-Propylbenzene | ND | | ug/kg | 1.1 | 0.12 | 1 |
| 1,3,5-Trimethylbenzene | ND | | ug/kg | 5.7 | 0.16 | 1 |
| 1,2,4-Trimethylbenzene | ND | | ug/kg | 5.7 | 0.16 | 1 |

**Project Name:** GREEN LAKE SEDIMENT SAMPLES **Lab Number:** L1628841

**Project Number:** B0351-016-003 **Report Date:** 09/20/16

## SAMPLE RESULTS

Lab ID: L1628841-10 Date Collected: 09/13/16 11:17

Client ID: VOC GRAB #7 Date Received: 09/13/16

Sample Location: STEEL SUN 2 SITE Field Prep: Not Specified

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **Volatile Organics by GC/MS - Westborough Lab** | | | | | | |
| 1,4-Dioxane | ND | | ug/kg | 110 | 16. | 1 |

| Surrogate | % Recovery | Qualifier | Acceptance Criteria |
|---|---|---|---|
| 1,2-Dichloroethane-d4 | 105 | | 70-130 |
| Toluene-d8 | 110 | | 70-130 |
| 4-Bromofluorobenzene | 114 | | 70-130 |
| Dibromofluoromethane | 109 | | 70-130 |

**Project Name:** GREEN LAKE SEDIMENT SAMPLES **Lab Number:** L1628841

**Project Number:** B0351-016-003 **Report Date:** 09/20/16

## SAMPLE RESULTS

Lab ID: L1628841-11
Client ID: VOC GRAB #8
Sample Location: STEEL SUN 2 SITE
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 09/20/16 14:11
Analyst: JC
Percent Solids: 90%

Date Collected: 09/13/16 11:15
Date Received: 09/13/16
Field Prep: Not Specified

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **Volatile Organics by GC/MS - Westborough Lab** | | | | | | |
| Methylene chloride | ND | | ug/kg | 11 | 1.2 | 1 |
| 1,1-Dichloroethane | ND | | ug/kg | 1.7 | 0.10 | 1 |
| Chloroform | ND | | ug/kg | 1.7 | 0.41 | 1 |
| Carbon tetrachloride | ND | | ug/kg | 1.1 | 0.23 | 1 |
| Tetrachloroethene | ND | | ug/kg | 1.1 | 0.16 | 1 |
| Chlorobenzene | ND | | ug/kg | 1.1 | 0.39 | 1 |
| 1,2-Dichloroethane | ND | | ug/kg | 1.1 | 0.13 | 1 |
| 1,1,1-Trichloroethane | ND | | ug/kg | 1.1 | 0.12 | 1 |
| Benzene | ND | | ug/kg | 1.1 | 0.13 | 1 |
| Toluene | ND | | ug/kg | 1.7 | 0.22 | 1 |
| Ethylbenzene | ND | | ug/kg | 1.1 | 0.14 | 1 |
| Vinyl chloride | ND | | ug/kg | 2.2 | 0.13 | 1 |
| 1,1-Dichloroethene | ND | | ug/kg | 1.1 | 0.29 | 1 |
| trans-1,2-Dichloroethene | ND | | ug/kg | 1.7 | 0.24 | 1 |
| Trichloroethene | ND | | ug/kg | 1.1 | 0.14 | 1 |
| 1,2-Dichlorobenzene | ND | | ug/kg | 5.6 | 0.17 | 1 |
| 1,3-Dichlorobenzene | ND | | ug/kg | 5.6 | 0.15 | 1 |
| 1,4-Dichlorobenzene | ND | | ug/kg | 5.6 | 0.15 | 1 |
| Methyl tert butyl ether | ND | | ug/kg | 2.2 | 0.09 | 1 |
| p/m-Xylene | ND | | ug/kg | 2.2 | 0.39 | 1 |
| o-Xylene | ND | | ug/kg | 2.2 | 0.38 | 1 |
| cis-1,2-Dichloroethene | ND | | ug/kg | 1.1 | 0.16 | 1 |
| Acetone | ND | | ug/kg | 11 | 1.2 | 1 |
| 2-Butanone | ND | | ug/kg | 11 | 0.30 | 1 |
| n-Butylbenzene | ND | | ug/kg | 1.1 | 0.13 | 1 |
| sec-Butylbenzene | ND | | ug/kg | 1.1 | 0.14 | 1 |
| tert-Butylbenzene | ND | | ug/kg | 5.6 | 0.15 | 1 |
| n-Propylbenzene | ND | | ug/kg | 1.1 | 0.12 | 1 |
| 1,3,5-Trimethylbenzene | ND | | ug/kg | 5.6 | 0.16 | 1 |
| 1,2,4-Trimethylbenzene | ND | | ug/kg | 5.6 | 0.16 | 1 |

**Project Name:** GREEN LAKE SEDIMENT SAMPLES **Lab Number:** L1628841

**Project Number:** B0351-016-003 **Report Date:** 09/20/16

## SAMPLE RESULTS

Lab ID: L1628841-11 Date Collected: 09/13/16 11:15

Client ID: VOC GRAB #8 Date Received: 09/13/16

Sample Location: STEEL SUN 2 SITE Field Prep: Not Specified

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **Volatile Organics by GC/MS - Westborough Lab** | | | | | | |
| 1,4-Dioxane | ND | | ug/kg | 110 | 16. | 1 |

| Surrogate | % Recovery | Qualifier | Acceptance Criteria |
|---|---|---|---|
| 1,2-Dichloroethane-d4 | 106 | | 70-130 |
| Toluene-d8 | 111 | | 70-130 |
| 4-Bromofluorobenzene | 119 | | 70-130 |
| Dibromofluoromethane | 107 | | 70-130 |

**Project Name:** GREEN LAKE SEDIMENT SAMPLES **Lab Number:** L1628841

**Project Number:** B0351-016-003 **Report Date:** 09/20/16

## SAMPLE RESULTS

Lab ID: L1628841-12
Client ID: VOC GRAB #9
Sample Location: STEEL SUN 2 SITE
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 09/20/16 14:37
Analyst: JC
Percent Solids: 90%

Date Collected: 09/13/16 11:20
Date Received: 09/13/16
Field Prep: Not Specified

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **Volatile Organics by GC/MS - Westborough Lab** | | | | | | |
| Methylene chloride | ND | | ug/kg | 11 | 1.2 | 1 |
| 1,1-Dichloroethane | ND | | ug/kg | 1.7 | 0.10 | 1 |
| Chloroform | ND | | ug/kg | 1.7 | 0.41 | 1 |
| Carbon tetrachloride | ND | | ug/kg | 1.1 | 0.23 | 1 |
| Tetrachloroethene | ND | | ug/kg | 1.1 | 0.16 | 1 |
| Chlorobenzene | ND | | ug/kg | 1.1 | 0.39 | 1 |
| 1,2-Dichloroethane | ND | | ug/kg | 1.1 | 0.13 | 1 |
| 1,1,1-Trichloroethane | ND | | ug/kg | 1.1 | 0.12 | 1 |
| Benzene | ND | | ug/kg | 1.1 | 0.13 | 1 |
| Toluene | ND | | ug/kg | 1.7 | 0.22 | 1 |
| Ethylbenzene | ND | | ug/kg | 1.1 | 0.14 | 1 |
| Vinyl chloride | ND | | ug/kg | 2.2 | 0.13 | 1 |
| 1,1-Dichloroethene | ND | | ug/kg | 1.1 | 0.29 | 1 |
| trans-1,2-Dichloroethene | ND | | ug/kg | 1.7 | 0.24 | 1 |
| Trichloroethene | ND | | ug/kg | 1.1 | 0.14 | 1 |
| 1,2-Dichlorobenzene | ND | | ug/kg | 5.6 | 0.17 | 1 |
| 1,3-Dichlorobenzene | ND | | ug/kg | 5.6 | 0.15 | 1 |
| 1,4-Dichlorobenzene | ND | | ug/kg | 5.6 | 0.15 | 1 |
| Methyl tert butyl ether | ND | | ug/kg | 2.2 | 0.09 | 1 |
| p/m-Xylene | ND | | ug/kg | 2.2 | 0.39 | 1 |
| o-Xylene | ND | | ug/kg | 2.2 | 0.38 | 1 |
| cis-1,2-Dichloroethene | ND | | ug/kg | 1.1 | 0.16 | 1 |
| Acetone | ND | | ug/kg | 11 | 1.2 | 1 |
| 2-Butanone | ND | | ug/kg | 11 | 0.30 | 1 |
| n-Butylbenzene | ND | | ug/kg | 1.1 | 0.13 | 1 |
| sec-Butylbenzene | ND | | ug/kg | 1.1 | 0.14 | 1 |
| tert-Butylbenzene | ND | | ug/kg | 5.6 | 0.15 | 1 |
| n-Propylbenzene | ND | | ug/kg | 1.1 | 0.12 | 1 |
| 1,3,5-Trimethylbenzene | ND | | ug/kg | 5.6 | 0.16 | 1 |
| 1,2,4-Trimethylbenzene | ND | | ug/kg | 5.6 | 0.16 | 1 |

**Project Name:** GREEN LAKE SEDIMENT SAMPLES **Lab Number:** L1628841

**Project Number:** B0351-016-003 **Report Date:** 09/20/16

## SAMPLE RESULTS

Lab ID: L1628841-12 Date Collected: 09/13/16 11:20

Client ID: VOC GRAB #9 Date Received: 09/13/16

Sample Location: STEEL SUN 2 SITE Field Prep: Not Specified

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **Volatile Organics by GC/MS - Westborough Lab** | | | | | | |
| 1,4-Dioxane | ND | | ug/kg | 110 | 16. | 1 |

| Surrogate | % Recovery | Qualifier | Acceptance Criteria |
|---|---|---|---|
| 1,2-Dichloroethane-d4 | 105 | | 70-130 |
| Toluene-d8 | 111 | | 70-130 |
| 4-Bromofluorobenzene | 115 | | 70-130 |
| Dibromofluoromethane | 107 | | 70-130 |

**Project Name:** GREEN LAKE SEDIMENT SAMPLES **Lab Number:** L1628841

**Project Number:** B0351-016-003 **Report Date:** 09/20/16

# Method Blank Analysis
## Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 09/20/16 09:06
Analyst: BN

| Parameter | Result | Qualifier | Units | RL | MDL |
|---|---|---|---|---|---|
| Volatile Organics by GC/MS - Westborough Lab for sample(s): 04-12 Batch: WG933848-5 | | | | | |
| Methylene chloride | ND | | ug/kg | 10 | 1.1 |
| 1,1-Dichloroethane | ND | | ug/kg | 1.5 | 0.09 |
| Chloroform | ND | | ug/kg | 1.5 | 0.37 |
| Carbon tetrachloride | ND | | ug/kg | 1.0 | 0.21 |
| Tetrachloroethene | ND | | ug/kg | 1.0 | 0.14 |
| Chlorobenzene | ND | | ug/kg | 1.0 | 0.35 |
| 1,2-Dichloroethane | ND | | ug/kg | 1.0 | 0.11 |
| 1,1,1-Trichloroethane | ND | | ug/kg | 1.0 | 0.11 |
| Benzene | ND | | ug/kg | 1.0 | 0.12 |
| Toluene | ND | | ug/kg | 1.5 | 0.19 |
| Ethylbenzene | ND | | ug/kg | 1.0 | 0.13 |
| Vinyl chloride | ND | | ug/kg | 2.0 | 0.12 |
| 1,1-Dichloroethene | ND | | ug/kg | 1.0 | 0.26 |
| trans-1,2-Dichloroethene | ND | | ug/kg | 1.5 | 0.21 |
| Trichloroethene | ND | | ug/kg | 1.0 | 0.12 |
| 1,2-Dichlorobenzene | ND | | ug/kg | 5.0 | 0.15 |
| 1,3-Dichlorobenzene | ND | | ug/kg | 5.0 | 0.14 |
| 1,4-Dichlorobenzene | ND | | ug/kg | 5.0 | 0.14 |
| Methyl tert butyl ether | ND | | ug/kg | 2.0 | 0.08 |
| p/m-Xylene | ND | | ug/kg | 2.0 | 0.35 |
| o-Xylene | ND | | ug/kg | 2.0 | 0.34 |
| cis-1,2-Dichloroethene | ND | | ug/kg | 1.0 | 0.14 |
| Acetone | ND | | ug/kg | 10 | 1.0 |
| 2-Butanone | ND | | ug/kg | 10 | 0.27 |
| n-Butylbenzene | ND | | ug/kg | 1.0 | 0.11 |
| sec-Butylbenzene | ND | | ug/kg | 1.0 | 0.12 |
| tert-Butylbenzene | ND | | ug/kg | 5.0 | 0.14 |
| n-Propylbenzene | ND | | ug/kg | 1.0 | 0.11 |
| 1,3,5-Trimethylbenzene | ND | | ug/kg | 5.0 | 0.14 |

**Project Name:** GREEN LAKE SEDIMENT SAMPLES **Lab Number:** L1628841

**Project Number:** B0351-016-003 **Report Date:** 09/20/16

# Method Blank Analysis
## Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 09/20/16 09:06
Analyst: BN

| Parameter | Result | Qualifier | Units | RL | MDL |
|---|---|---|---|---|---|
| Volatile Organics by GC/MS - Westborough Lab for sample(s): 04-12 Batch: WG933848-5 | | | | | |
| 1,2,4-Trimethylbenzene | ND | | ug/kg | 5.0 | 0.14 |
| 1,4-Dioxane | ND | | ug/kg | 100 | 14. |

| Surrogate | %Recovery | Qualifier | Acceptance Criteria |
|---|---|---|---|
| 1,2-Dichloroethane-d4 | 98 | | 70-130 |
| Toluene-d8 | 109 | | 70-130 |
| 4-Bromofluorobenzene | 111 | | 70-130 |
| Dibromofluoromethane | 105 | | 70-130 |

# Lab Control Sample Analysis
## Batch Quality Control

**Project Name:** GREEN LAKE SEDIMENT SAMPLES
**Project Number:** B0351-016-003

**Lab Number:** L1628841
**Report Date:** 09/20/16

| Parameter | LCS %Recovery | Qual | LCSD %Recovery | Qual | %Recovery Limits | RPD | Qual | RPD Limits |
|---|---|---|---|---|---|---|---|---|
| Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 04-12 Batch: WG933848-3 WG933848-4 | | | | | | | | |
| Methylene chloride | 104 | | 109 | | 70-130 | 5 | | 30 |
| 1,1-Dichloroethane | 94 | | 97 | | 70-130 | 3 | | 30 |
| Chloroform | 114 | | 120 | | 70-130 | 5 | | 30 |
| Carbon tetrachloride | 113 | | 125 | | 70-130 | 10 | | 30 |
| 1,2-Dichloropropane | 86 | | 89 | | 70-130 | 3 | | 30 |
| Dibromochloromethane | 110 | | 114 | | 70-130 | 4 | | 30 |
| 2-Chloroethylvinyl ether | 80 | | 84 | | 70-130 | 5 | | 30 |
| 1,1,2-Trichloroethane | 108 | | 112 | | 70-130 | 4 | | 30 |
| Tetrachloroethene | 119 | | 122 | | 70-130 | 2 | | 30 |
| Chlorobenzene | 108 | | 113 | | 70-130 | 5 | | 30 |
| Trichlorofluoromethane | 111 | | 125 | | 70-139 | 12 | | 30 |
| 1,2-Dichloroethane | 92 | | 97 | | 70-130 | 5 | | 30 |
| 1,1,1-Trichloroethane | 116 | | 126 | | 70-130 | 8 | | 30 |
| Bromodichloromethane | 112 | | 117 | | 70-130 | 4 | | 30 |
| trans-1,3-Dichloropropene | 118 | | 122 | | 70-130 | 3 | | 30 |
| cis-1,3-Dichloropropene | 109 | | 112 | | 70-130 | 3 | | 30 |
| 1,1-Dichloropropene | 103 | | 116 | | 70-130 | 12 | | 30 |
| Bromoform | 117 | | 123 | | 70-130 | 5 | | 30 |
| 1,1,2,2-Tetrachloroethane | 97 | | 105 | | 70-130 | 8 | | 30 |
| Benzene | 110 | | 112 | | 70-130 | 2 | | 30 |
| Toluene | 117 | | 122 | | 70-130 | 4 | | 30 |

# Lab Control Sample Analysis
## Batch Quality Control

**Project Name:** GREEN LAKE SEDIMENT SAMPLES
**Project Number:** B0351-016-003

**Lab Number:** L1628841
**Report Date:** 09/20/16

| Parameter | LCS %Recovery | Qual | LCSD %Recovery | Qual | %Recovery Limits | RPD | Qual | RPD Limits |
|---|---|---|---|---|---|---|---|---|
| Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 04-12 Batch: WG933848-3 WG933848-4 | | | | | | | | |
| Ethylbenzene | 117 | | 120 | | 70-130 | 3 | | 30 |
| Chloromethane | 80 | | 88 | | 52-130 | 10 | | 30 |
| Bromomethane | 135 | | 142 | | 57-147 | 5 | | 30 |
| Vinyl chloride | 88 | | 98 | | 67-130 | 11 | | 30 |
| Chloroethane | 110 | | 110 | | 50-151 | 0 | | 30 |
| 1,1-Dichloroethene | 105 | | 113 | | 65-135 | 7 | | 30 |
| trans-1,2-Dichloroethene | 107 | | 108 | | 70-130 | 1 | | 30 |
| Trichloroethene | 107 | | 112 | | 70-130 | 5 | | 30 |
| 1,2-Dichlorobenzene | 108 | | 111 | | 70-130 | 3 | | 30 |
| 1,3-Dichlorobenzene | 109 | | 115 | | 70-130 | 5 | | 30 |
| 1,4-Dichlorobenzene | 109 | | 116 | | 70-130 | 6 | | 30 |
| Methyl tert butyl ether | 105 | | 110 | | 66-130 | 5 | | 30 |
| p/m-Xylene | 114 | | 121 | | 70-130 | 6 | | 30 |
| o-Xylene | 114 | | 119 | | 70-130 | 4 | | 30 |
| cis-1,2-Dichloroethene | 110 | | 112 | | 70-130 | 2 | | 30 |
| Dibromomethane | 105 | | 108 | | 70-130 | 3 | | 30 |
| Styrene | 115 | | 118 | | 70-130 | 3 | | 30 |
| Dichlorodifluoromethane | 102 | | 115 | | 30-146 | 12 | | 30 |
| Acetone | 76 | | 93 | | 54-140 | 20 | | 30 |
| Carbon disulfide | 116 | | 128 | | 59-130 | 10 | | 30 |
| 2-Butanone | 78 | | 85 | | 70-130 | 9 | | 30 |

# Lab Control Sample Analysis
## Batch Quality Control

**Project Name:** GREEN LAKE SEDIMENT SAMPLES
**Project Number:** B0351-016-003

**Lab Number:** L1628841
**Report Date:** 09/20/16

| Parameter | LCS %Recovery | Qual | LCSD %Recovery | Qual | %Recovery Limits | RPD | Qual | RPD Limits |
|---|---|---|---|---|---|---|---|---|
| Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 04-12 Batch: WG933848-3 WG933848-4 | | | | | | | | |
| Vinyl acetate | 91 | | 94 | | 70-130 | 3 | | 30 |
| 4-Methyl-2-pentanone | 78 | | 81 | | 70-130 | 4 | | 30 |
| 1,2,3-Trichloropropane | 108 | | 112 | | 68-130 | 4 | | 30 |
| 2-Hexanone | 86 | | 97 | | 70-130 | 12 | | 30 |
| Bromochloromethane | 98 | | 95 | | 70-130 | 3 | | 30 |
| 2,2-Dichloropropane | 116 | | 123 | | 70-130 | 6 | | 30 |
| 1,2-Dibromoethane | 108 | | 110 | | 70-130 | 2 | | 30 |
| 1,3-Dichloropropane | 112 | | 115 | | 69-130 | 3 | | 30 |
| 1,1,1,2-Tetrachloroethane | 110 | | 111 | | 70-130 | 1 | | 30 |
| Bromobenzene | 111 | | 118 | | 70-130 | 6 | | 30 |
| n-Butylbenzene | 114 | | 122 | | 70-130 | 7 | | 30 |
| sec-Butylbenzene | 110 | | 118 | | 70-130 | 7 | | 30 |
| tert-Butylbenzene | 109 | | 117 | | 70-130 | 7 | | 30 |
| o-Chlorotoluene | 116 | | 122 | | 70-130 | 5 | | 30 |
| p-Chlorotoluene | 119 | | 126 | | 70-130 | 6 | | 30 |
| 1,2-Dibromo-3-chloropropane | 94 | | 112 | | 68-130 | 17 | | 30 |
| Hexachlorobutadiene | **137** | Q | **152** | Q | 67-130 | 10 | | 30 |
| Isopropylbenzene | 112 | | 122 | | 70-130 | 9 | | 30 |
| p-Isopropyltoluene | 109 | | 118 | | 70-130 | 8 | | 30 |
| Naphthalene | 89 | | 96 | | 70-130 | 8 | | 30 |
| Acrylonitrile | 79 | | 79 | | 70-130 | 0 | | 30 |

# Lab Control Sample Analysis
## Batch Quality Control

**Project Name:** GREEN LAKE SEDIMENT SAMPLES
**Project Number:** B0351-016-003

**Lab Number:** L1628841
**Report Date:** 09/20/16

| Parameter | LCS %Recovery | Qual | LCSD %Recovery | Qual | %Recovery Limits | RPD | Qual | RPD Limits |
|---|---|---|---|---|---|---|---|---|
| Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 04-12 Batch: WG933848-3 WG933848-4 | | | | | | | | |
| Isopropyl Ether | 90 | | 93 | | 66-130 | 3 | | 30 |
| tert-Butyl Alcohol | **67** | Q | 76 | | 70-130 | 13 | | 30 |
| n-Propylbenzene | 114 | | 123 | | 70-130 | 8 | | 30 |
| 1,2,3-Trichlorobenzene | 117 | | 118 | | 70-130 | 1 | | 30 |
| 1,2,4-Trichlorobenzene | 124 | | 128 | | 70-130 | 3 | | 30 |
| 1,3,5-Trimethylbenzene | 115 | | 123 | | 70-130 | 7 | | 30 |
| 1,2,4-Trimethylbenzene | 115 | | 121 | | 70-130 | 5 | | 30 |
| Methyl Acetate | 82 | | 89 | | 51-146 | 8 | | 30 |
| Ethyl Acetate | **50** | Q | **58** | Q | 70-130 | 15 | | 30 |
| Acrolein | 75 | | 84 | | 70-130 | 11 | | 30 |
| Cyclohexane | 77 | | 87 | | 59-142 | 12 | | 30 |
| 1,4-Dioxane | 84 | | 101 | | 65-136 | 18 | | 30 |
| 1,1,2-Trichloro-1,2,2-Trifluoroethane | 100 | | 109 | | 50-139 | 9 | | 30 |
| 1,4-Diethylbenzene | 103 | | 113 | | 70-130 | 9 | | 30 |
| 4-Ethyltoluene | 111 | | 116 | | 70-130 | 4 | | 30 |
| 1,2,4,5-Tetramethylbenzene | 109 | | 113 | | 70-130 | 4 | | 30 |
| Tetrahydrofuran | 85 | | 86 | | 66-130 | 1 | | 30 |
| Ethyl ether | 102 | | 106 | | 67-130 | 4 | | 30 |
| trans-1,4-Dichloro-2-butene | 88 | | 88 | | 70-130 | 0 | | 30 |
| Methyl cyclohexane | 100 | | 114 | | 70-130 | 13 | | 30 |
| Ethyl-Tert-Butyl-Ether | 83 | | 85 | | 70-130 | 2 | | 30 |

# Lab Control Sample Analysis

## Batch Quality Control

**Project Name:** GREEN LAKE SEDIMENT SAMPLES

**Project Number:** B0351-016-003

**Lab Number:** L1628841

**Report Date:** 09/20/16

| Parameter | LCS %Recovery | Qual | LCSD %Recovery | Qual | %Recovery Limits | RPD | Qual | RPD Limits |
|---|---|---|---|---|---|---|---|---|
| Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 04-12 Batch: WG933848-3 WG933848-4 | | | | | | | | |
| Tertiary-Amyl Methyl Ether | 105 | | 108 | | 70-130 | 3 | | 30 |

| Surrogate | LCS %Recovery | Qual | LCSD %Recovery | Qual | Acceptance Criteria |
|---|---|---|---|---|---|
| 1,2-Dichloroethane-d4 | 96 | | 98 | | 70-130 |
| Toluene-d8 | 108 | | 111 | | 70-130 |
| 4-Bromofluorobenzene | 105 | | 112 | | 70-130 |
| Dibromofluoromethane | 103 | | 106 | | 70-130 |

# SEMIVOLATILES

**Project Name:** GREEN LAKE SEDIMENT SAMPLES **Lab Number:** L1628841

**Project Number:** B0351-016-003 **Report Date:** 09/20/16

## SAMPLE RESULTS

Lab ID: L1628841-01
Client ID: COMPOSITE #1
Sample Location: STEEL SUN 2 SITE
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 09/17/16 16:53
Analyst: HL
Percent Solids: 90%

Date Collected: 09/13/16 10:40
Date Received: 09/13/16
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 09/16/16 09:32

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **Semivolatile Organics by GC/MS - Westborough Lab** | | | | | | |
| Acenaphthene | ND | | ug/kg | 140 | 19. | 1 |
| Hexachlorobenzene | ND | | ug/kg | 110 | 20. | 1 |
| Fluoranthene | 380 | | ug/kg | 110 | 21. | 1 |
| Naphthalene | ND | | ug/kg | 180 | 22. | 1 |
| Benzo(a)anthracene | 150 | | ug/kg | 110 | 20. | 1 |
| Benzo(a)pyrene | 170 | | ug/kg | 140 | 44. | 1 |
| Benzo(b)fluoranthene | 280 | | ug/kg | 110 | 30. | 1 |
| Benzo(k)fluoranthene | 96 | J | ug/kg | 110 | 29. | 1 |
| Chrysene | 220 | | ug/kg | 110 | 19. | 1 |
| Acenaphthylene | 34 | J | ug/kg | 140 | 28. | 1 |
| Anthracene | ND | | ug/kg | 110 | 35. | 1 |
| Benzo(ghi)perylene | 100 | J | ug/kg | 140 | 21. | 1 |
| Fluorene | ND | | ug/kg | 180 | 18. | 1 |
| Phenanthrene | 120 | | ug/kg | 110 | 22. | 1 |
| Dibenzo(a,h)anthracene | 25 | J | ug/kg | 110 | 21. | 1 |
| Indeno(1,2,3-cd)pyrene | 120 | J | ug/kg | 140 | 25. | 1 |
| Pyrene | 290 | | ug/kg | 110 | 18. | 1 |
| Dibenzofuran | ND | | ug/kg | 180 | 17. | 1 |
| Pentachlorophenol | ND | | ug/kg | 140 | 40. | 1 |
| Phenol | ND | | ug/kg | 180 | 27. | 1 |
| 2-Methylphenol | ND | | ug/kg | 180 | 28. | 1 |
| 3-Methylphenol/4-Methylphenol | ND | | ug/kg | 260 | 28. | 1 |

**Project Name:** GREEN LAKE SEDIMENT SAMPLES **Lab Number:** L1628841

**Project Number:** B0351-016-003 **Report Date:** 09/20/16

## SAMPLE RESULTS

Lab ID: L1628841-01 Date Collected: 09/13/16 10:40

Client ID: COMPOSITE #1 Date Received: 09/13/16

Sample Location: STEEL SUN 2 SITE Field Prep: Not Specified

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|

### Semivolatile Organics by GC/MS - Westborough Lab

| Surrogate | % Recovery | Qualifier | Acceptance Criteria |
|---|---|---|---|
| 2-Fluorophenol | 66 | | 25-120 |
| Phenol-d6 | 64 | | 10-120 |
| Nitrobenzene-d5 | 69 | | 23-120 |
| 2-Fluorobiphenyl | 66 | | 30-120 |
| 2,4,6-Tribromophenol | 73 | | 10-136 |
| 4-Terphenyl-d14 | 56 | | 18-120 |

**Project Name:** GREEN LAKE SEDIMENT SAMPLES **Lab Number:** L1628841

**Project Number:** B0351-016-003 **Report Date:** 09/20/16

## SAMPLE RESULTS

Lab ID: L1628841-02
Client ID: COMPOSITE #2
Sample Location: STEEL SUN 2 SITE
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 09/17/16 17:20
Analyst: HL
Percent Solids: 81%

Date Collected: 09/13/16 10:45
Date Received: 09/13/16
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 09/16/16 09:32

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **Semivolatile Organics by GC/MS - Westborough Lab** | | | | | | |
| Acenaphthene | ND | | ug/kg | 160 | 21. | 1 |
| Hexachlorobenzene | ND | | ug/kg | 120 | 22. | 1 |
| Fluoranthene | 150 | | ug/kg | 120 | 23. | 1 |
| Naphthalene | ND | | ug/kg | 200 | 24. | 1 |
| Benzo(a)anthracene | 55 | J | ug/kg | 120 | 22. | 1 |
| Benzo(a)pyrene | 61 | J | ug/kg | 160 | 49. | 1 |
| Benzo(b)fluoranthene | 99 | J | ug/kg | 120 | 34. | 1 |
| Benzo(k)fluoranthene | ND | | ug/kg | 120 | 32. | 1 |
| Chrysene | 87 | J | ug/kg | 120 | 21. | 1 |
| Acenaphthylene | ND | | ug/kg | 160 | 31. | 1 |
| Anthracene | ND | | ug/kg | 120 | 39. | 1 |
| Benzo(ghi)perylene | 40 | J | ug/kg | 160 | 24. | 1 |
| Fluorene | ND | | ug/kg | 200 | 19. | 1 |
| Phenanthrene | 52 | J | ug/kg | 120 | 24. | 1 |
| Dibenzo(a,h)anthracene | ND | | ug/kg | 120 | 23. | 1 |
| Indeno(1,2,3-cd)pyrene | 45 | J | ug/kg | 160 | 28. | 1 |
| Pyrene | 110 | J | ug/kg | 120 | 20. | 1 |
| Dibenzofuran | ND | | ug/kg | 200 | 19. | 1 |
| Pentachlorophenol | ND | | ug/kg | 160 | 44. | 1 |
| Phenol | ND | | ug/kg | 200 | 30. | 1 |
| 2-Methylphenol | ND | | ug/kg | 200 | 31. | 1 |
| 3-Methylphenol/4-Methylphenol | ND | | ug/kg | 290 | 31. | 1 |

**Project Name:** GREEN LAKE SEDIMENT SAMPLES **Lab Number:** L1628841

**Project Number:** B0351-016-003 **Report Date:** 09/20/16

## SAMPLE RESULTS

Lab ID: L1628841-02 Date Collected: 09/13/16 10:45

Client ID: COMPOSITE #2 Date Received: 09/13/16

Sample Location: STEEL SUN 2 SITE Field Prep: Not Specified

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|

Semivolatile Organics by GC/MS - Westborough Lab

| Surrogate | % Recovery | Qualifier | Acceptance Criteria |
|---|---|---|---|
| 2-Fluorophenol | 60 | | 25-120 |
| Phenol-d6 | 62 | | 10-120 |
| Nitrobenzene-d5 | 66 | | 23-120 |
| 2-Fluorobiphenyl | 64 | | 30-120 |
| 2,4,6-Tribromophenol | 70 | | 10-136 |
| 4-Terphenyl-d14 | 48 | | 18-120 |

**Project Name:** GREEN LAKE SEDIMENT SAMPLES **Lab Number:** L1628841

**Project Number:** B0351-016-003 **Report Date:** 09/20/16

## SAMPLE RESULTS

Lab ID: L1628841-03
Client ID: COMPOSITE #3
Sample Location: STEEL SUN 2 SITE
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 09/17/16 17:46
Analyst: MW
Percent Solids: 84%

Date Collected: 09/13/16 10:50
Date Received: 09/13/16
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 09/16/16 09:32

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **Semivolatile Organics by GC/MS - Westborough Lab** | | | | | | |
| Acenaphthene | ND | | ug/kg | 150 | 20. | 1 |
| Hexachlorobenzene | ND | | ug/kg | 120 | 22. | 1 |
| Fluoranthene | 120 | | ug/kg | 120 | 22. | 1 |
| Naphthalene | ND | | ug/kg | 190 | 24. | 1 |
| Benzo(a)anthracene | 50 | J | ug/kg | 120 | 22. | 1 |
| Benzo(a)pyrene | 140 | J | ug/kg | 150 | 47. | 1 |
| Benzo(b)fluoranthene | 78 | J | ug/kg | 120 | 32. | 1 |
| Benzo(k)fluoranthene | ND | | ug/kg | 120 | 31. | 1 |
| Chrysene | 59 | J | ug/kg | 120 | 20. | 1 |
| Acenaphthylene | ND | | ug/kg | 150 | 30. | 1 |
| Anthracene | ND | | ug/kg | 120 | 38. | 1 |
| Benzo(ghi)perylene | 30 | J | ug/kg | 150 | 23. | 1 |
| Fluorene | ND | | ug/kg | 190 | 19. | 1 |
| Phenanthrene | 44 | J | ug/kg | 120 | 24. | 1 |
| Dibenzo(a,h)anthracene | ND | | ug/kg | 120 | 22. | 1 |
| Indeno(1,2,3-cd)pyrene | 34 | J | ug/kg | 150 | 27. | 1 |
| Pyrene | 94 | J | ug/kg | 120 | 19. | 1 |
| Dibenzofuran | ND | | ug/kg | 190 | 18. | 1 |
| Pentachlorophenol | ND | | ug/kg | 150 | 42. | 1 |
| Phenol | ND | | ug/kg | 190 | 29. | 1 |
| 2-Methylphenol | ND | | ug/kg | 190 | 30. | 1 |
| 3-Methylphenol/4-Methylphenol | ND | | ug/kg | 280 | 30. | 1 |

**Project Name:** GREEN LAKE SEDIMENT SAMPLES **Lab Number:** L1628841

**Project Number:** B0351-016-003 **Report Date:** 09/20/16

## SAMPLE RESULTS

Lab ID: L1628841-03 Date Collected: 09/13/16 10:50

Client ID: COMPOSITE #3 Date Received: 09/13/16

Sample Location: STEEL SUN 2 SITE Field Prep: Not Specified

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|

Semivolatile Organics by GC/MS - Westborough Lab

| Surrogate | % Recovery | Qualifier | Acceptance Criteria |
|---|---|---|---|
| 2-Fluorophenol | 58 | | 25-120 |
| Phenol-d6 | 59 | | 10-120 |
| Nitrobenzene-d5 | 63 | | 23-120 |
| 2-Fluorobiphenyl | 56 | | 30-120 |
| 2,4,6-Tribromophenol | 72 | | 10-136 |
| 4-Terphenyl-d14 | 43 | | 18-120 |

**Project Name:** GREEN LAKE SEDIMENT SAMPLES
**Project Number:** B0351-016-003
**Lab Number:** L1628841
**Report Date:** 09/20/16

# Method Blank Analysis
## Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 09/17/16 08:26
Analyst: HL

Extraction Method: EPA 3546
Extraction Date: 09/16/16 09:31

| Parameter | Result | Qualifier | Units | RL | MDL |
|---|---|---|---|---|---|
| Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-03 Batch: WG932645-1 | | | | | |
| Acenaphthene | ND | | ug/kg | 130 | 17. |
| Hexachlorobenzene | ND | | ug/kg | 99 | 18. |
| Fluoranthene | ND | | ug/kg | 99 | 19. |
| Naphthalene | ND | | ug/kg | 160 | 20. |
| Benzo(a)anthracene | ND | | ug/kg | 99 | 18. |
| Benzo(a)pyrene | ND | | ug/kg | 130 | 40. |
| Benzo(b)fluoranthene | ND | | ug/kg | 99 | 28. |
| Benzo(k)fluoranthene | ND | | ug/kg | 99 | 26. |
| Chrysene | ND | | ug/kg | 99 | 17. |
| Acenaphthylene | ND | | ug/kg | 130 | 25. |
| Anthracene | ND | | ug/kg | 99 | 32. |
| Benzo(ghi)perylene | ND | | ug/kg | 130 | 19. |
| Fluorene | ND | | ug/kg | 160 | 16. |
| Phenanthrene | ND | | ug/kg | 99 | 20. |
| Dibenzo(a,h)anthracene | ND | | ug/kg | 99 | 19. |
| Indeno(1,2,3-cd)pyrene | ND | | ug/kg | 130 | 23. |
| Pyrene | ND | | ug/kg | 99 | 16. |
| Dibenzofuran | ND | | ug/kg | 160 | 16. |
| Pentachlorophenol | ND | | ug/kg | 130 | 36. |
| Phenol | ND | | ug/kg | 160 | 25. |
| 2-Methylphenol | ND | | ug/kg | 160 | 25. |
| 3-Methylphenol/4-Methylphenol | ND | | ug/kg | 240 | 26. |

**Project Name:** GREEN LAKE SEDIMENT SAMPLES
**Project Number:** B0351-016-003
**Lab Number:** L1628841
**Report Date:** 09/20/16

# Method Blank Analysis
## Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 09/17/16 08:26
Analyst: HL

Extraction Method: EPA 3546
Extraction Date: 09/16/16 09:31

| Parameter | Result | Qualifier | Units | RL | MDL |
|---|---|---|---|---|---|
| Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-03 Batch: WG932645-1 | | | | | |

| Surrogate | %Recovery | Qualifier | Acceptance Criteria |
|---|---|---|---|
| 2-Fluorophenol | 64 | | 25-120 |
| Phenol-d6 | 65 | | 10-120 |
| Nitrobenzene-d5 | 68 | | 23-120 |
| 2-Fluorobiphenyl | 69 | | 30-120 |
| 2,4,6-Tribromophenol | 65 | | 10-136 |
| 4-Terphenyl-d14 | 70 | | 18-120 |

# Lab Control Sample Analysis
## Batch Quality Control

**Project Name:** GREEN LAKE SEDIMENT SAMPLES
**Project Number:** B0351-016-003

**Lab Number:** L1628841
**Report Date:** 09/20/16

| Parameter | LCS %Recovery | Qual | LCSD %Recovery | Qual | %Recovery Limits | RPD | Qual | RPD Limits |
|---|---|---|---|---|---|---|---|---|
| Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-03 Batch: WG932645-2 WG932645-3 | | | | | | | | |
| Acenaphthene | 58 | | 65 | | 31-137 | 11 | | 50 |
| Benzidine | 37 | | 39 | | 10-66 | 5 | | 50 |
| 1,2,4-Trichlorobenzene | 61 | | 70 | | 38-107 | 14 | | 50 |
| Hexachlorobenzene | 66 | | 73 | | 40-140 | 10 | | 50 |
| Bis(2-chloroethyl)ether | 58 | | 68 | | 40-140 | 16 | | 50 |
| 2-Chloronaphthalene | 63 | | 72 | | 40-140 | 13 | | 50 |
| 1,2-Dichlorobenzene | 58 | | 66 | | 40-140 | 13 | | 50 |
| 1,3-Dichlorobenzene | 56 | | 66 | | 40-140 | 16 | | 50 |
| 1,4-Dichlorobenzene | 56 | | 65 | | 28-104 | 15 | | 50 |
| 3,3'-Dichlorobenzidine | 49 | | 53 | | 40-140 | 8 | | 50 |
| 2,4-Dinitrotoluene | 68 | | 77 | | 28-89 | 12 | | 50 |
| 2,6-Dinitrotoluene | 64 | | 73 | | 40-140 | 13 | | 50 |
| Azobenzene | 61 | | 68 | | 40-140 | 11 | | 50 |
| Fluoranthene | 68 | | 74 | | 40-140 | 8 | | 50 |
| 4-Chlorophenyl phenyl ether | 65 | | 72 | | 40-140 | 10 | | 50 |
| 4-Bromophenyl phenyl ether | 67 | | 73 | | 40-140 | 9 | | 50 |
| Bis(2-chloroisopropyl)ether | 54 | | 62 | | 40-140 | 14 | | 50 |
| Bis(2-chloroethoxy)methane | 59 | | 68 | | 40-117 | 14 | | 50 |
| Hexachlorobutadiene | 63 | | 74 | | 40-140 | 16 | | 50 |
| Hexachlorocyclopentadiene | 74 | | 87 | | 40-140 | 16 | | 50 |
| Hexachloroethane | 58 | | 70 | | 40-140 | 19 | | 50 |

# Lab Control Sample Analysis
## Batch Quality Control

**Project Name:** GREEN LAKE SEDIMENT SAMPLES
**Project Number:** B0351-016-003

**Lab Number:** L1628841
**Report Date:** 09/20/16

| Parameter | LCS %Recovery | Qual | LCSD %Recovery | Qual | %Recovery Limits | RPD | Qual | RPD Limits |
|---|---|---|---|---|---|---|---|---|
| Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-03 Batch: WG932645-2 WG932645-3 | | | | | | | | |
| Isophorone | 58 | | 65 | | 40-140 | 11 | | 50 |
| Naphthalene | 61 | | 69 | | 40-140 | 12 | | 50 |
| Nitrobenzene | 62 | | 72 | | 40-140 | 15 | | 50 |
| NitrosoDiPhenylAmine(NDPA)/DPA | 64 | | 71 | | 36-157 | 10 | | 50 |
| n-Nitrosodi-n-propylamine | 60 | | 68 | | 32-121 | 13 | | 50 |
| Bis(2-Ethylhexyl)phthalate | 70 | | 76 | | 40-140 | 8 | | 50 |
| Butyl benzyl phthalate | 68 | | 75 | | 40-140 | 10 | | 50 |
| Di-n-butylphthalate | 69 | | 76 | | 40-140 | 10 | | 50 |
| Di-n-octylphthalate | 72 | | 77 | | 40-140 | 7 | | 50 |
| Diethyl phthalate | 63 | | 69 | | 40-140 | 9 | | 50 |
| Dimethyl phthalate | 65 | | 73 | | 40-140 | 12 | | 50 |
| Benzo(a)anthracene | 66 | | 72 | | 40-140 | 9 | | 50 |
| Benzo(a)pyrene | 70 | | 76 | | 40-140 | 8 | | 50 |
| Benzo(b)fluoranthene | 71 | | 76 | | 40-140 | 7 | | 50 |
| Benzo(k)fluoranthene | 67 | | 74 | | 40-140 | 10 | | 50 |
| Chrysene | 64 | | 70 | | 40-140 | 9 | | 50 |
| Acenaphthylene | 65 | | 74 | | 40-140 | 13 | | 50 |
| Anthracene | 68 | | 74 | | 40-140 | 8 | | 50 |
| Benzo(ghi)perylene | 65 | | 69 | | 40-140 | 6 | | 50 |
| Fluorene | 64 | | 71 | | 40-140 | 10 | | 50 |
| Phenanthrene | 63 | | 69 | | 40-140 | 9 | | 50 |

# Lab Control Sample Analysis
## Batch Quality Control

**Project Name:** GREEN LAKE SEDIMENT SAMPLES
**Project Number:** B0351-016-003

**Lab Number:** L1628841
**Report Date:** 09/20/16

| Parameter | LCS %Recovery | Qual | LCSD %Recovery | Qual | %Recovery Limits | RPD | Qual | RPD Limits |
|---|---|---|---|---|---|---|---|---|
| Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-03 Batch: WG932645-2 WG932645-3 | | | | | | | | |
| Dibenzo(a,h)anthracene | 65 | | 69 | | 40-140 | 6 | | 50 |
| Indeno(1,2,3-cd)Pyrene | 65 | | 69 | | 40-140 | 6 | | 50 |
| Pyrene | 67 | | 74 | | 35-142 | 10 | | 50 |
| Biphenyl | 67 | | 76 | | 54-104 | 13 | | 50 |
| Aniline | 44 | | 52 | | 40-140 | 17 | | 50 |
| 4-Chloroaniline | 47 | | 49 | | 40-140 | 4 | | 50 |
| 1-Methylnaphthalene | 63 | | 73 | | 26-130 | 15 | | 50 |
| 2-Nitroaniline | 72 | | 84 | | 47-134 | 15 | | 50 |
| 3-Nitroaniline | 54 | | 60 | | 26-129 | 11 | | 50 |
| 4-Nitroaniline | 64 | | 71 | | 41-125 | 10 | | 50 |
| Dibenzofuran | 62 | | 69 | | 40-140 | 11 | | 50 |
| 2-Methylnaphthalene | 64 | | 72 | | 40-140 | 12 | | 50 |
| 1,2,4,5-Tetrachlorobenzene | 71 | | 82 | | 40-117 | 14 | | 50 |
| Acetophenone | 64 | | 73 | | 14-144 | 13 | | 50 |
| n-Nitrosodimethylamine | 56 | | 64 | | 22-100 | 13 | | 50 |
| 2,4,6-Trichlorophenol | 68 | | 78 | | 30-130 | 14 | | 50 |
| P-Chloro-M-Cresol | 69 | | 79 | | 26-103 | 14 | | 50 |
| 2-Chlorophenol | 64 | | 75 | | 25-102 | 16 | | 50 |
| 2,4-Dichlorophenol | 70 | | 82 | | 30-130 | 16 | | 50 |
| 2,4-Dimethylphenol | 66 | | 76 | | 30-130 | 14 | | 50 |
| 2-Nitrophenol | 75 | | 90 | | 30-130 | 18 | | 50 |

# Lab Control Sample Analysis
## Batch Quality Control

**Project Name:** GREEN LAKE SEDIMENT SAMPLES
**Project Number:** B0351-016-003

**Lab Number:** L1628841
**Report Date:** 09/20/16

| Parameter | LCS %Recovery | Qual | LCSD %Recovery | Qual | %Recovery Limits | RPD | Qual | RPD Limits |
|---|---|---|---|---|---|---|---|---|
| Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-03 Batch: WG932645-2 WG932645-3 | | | | | | | | |
| 4-Nitrophenol | 71 | | 82 | | 11-114 | 14 | | 50 |
| 2,4-Dinitrophenol | 83 | | 103 | | 4-130 | 22 | | 50 |
| 4,6-Dinitro-o-cresol | 87 | | 102 | | 10-130 | 16 | | 50 |
| Pentachlorophenol | 60 | | 69 | | 17-109 | 14 | | 50 |
| Phenol | 61 | | 71 | | 26-90 | 15 | | 50 |
| 2-Methylphenol | 64 | | 75 | | 30-130. | 16 | | 50 |
| 3-Methylphenol/4-Methylphenol | 64 | | 74 | | 30-130 | 14 | | 50 |
| 2,4,5-Trichlorophenol | 76 | | 86 | | 30-130 | 12 | | 50 |
| Benzoic Acid | 23 | | 25 | | 10-110 | 8 | | 50 |
| Benzyl Alcohol | 61 | | 71 | | 40-140 | 15 | | 50 |
| Carbazole | 65 | | 71 | | 54-128 | 9 | | 50 |
| Pyridine | 39 | | 47 | | 10-93 | 19 | | 50 |
| Parathion, ethyl | 92 | | 104 | | 40-140 | 12 | | 50 |
| Atrazine | 86 | | 94 | | 40-140 | 9 | | 50 |
| Benzaldehyde | 52 | | 63 | | 40-140 | 19 | | 50 |
| Caprolactam | 68 | | 76 | | 15-130 | 11 | | 50 |
| 2,3,4,6-Tetrachlorophenol | 73 | | 83 | | 40-140 | 13 | | 50 |

# Lab Control Sample Analysis

## Batch Quality Control

**Project Name:** GREEN LAKE SEDIMENT SAMPLES

**Project Number:** B0351-016-003

**Lab Number:** L1628841

**Report Date:** 09/20/16

| Parameter | LCS %Recovery | Qual | LCSD %Recovery | Qual | %Recovery Limits | RPD | Qual | RPD Limits |
|---|---|---|---|---|---|---|---|---|
| Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-03 Batch: WG932645-2 WG932645-3 | | | | | | | | |

| Surrogate | LCS %Recovery | Qual | LCSD %Recovery | Qual | Acceptance Criteria |
|---|---|---|---|---|---|
| 2-Fluorophenol | 60 | | 68 | | 25-120 |
| Phenol-d6 | 58 | | 68 | | 10-120 |
| Nitrobenzene-d5 | 61 | | 72 | | 23-120 |
| 2-Fluorobiphenyl | 62 | | 70 | | 30-120 |
| 2,4,6-Tribromophenol | 63 | | 70 | | 10-136 |
| 4-Terphenyl-d14 | 62 | | 69 | | 18-120 |

# PCBS

**Project Name:** GREEN LAKE SEDIMENT SAMPLES **Lab Number:** L1628841

**Project Number:** B0351-016-003 **Report Date:** 09/20/16

## SAMPLE RESULTS

| | | | |
|---|---|---|---|
| Lab ID: | L1628841-01 | Date Collected: | 09/13/16 10:40 |
| Client ID: | COMPOSITE #1 | Date Received: | 09/13/16 |
| Sample Location: | STEEL SUN 2 SITE | Field Prep: | Not Specified |
| Matrix: | Soil | Extraction Method: | EPA 3546 |
| Analytical Method: | 1,8082A | Extraction Date: | 09/16/16 12:44 |
| Analytical Date: | 09/17/16 23:07 | Cleanup Method: | EPA 3665A |
| Analyst: | JW | Cleanup Date: | 09/17/16 |
| Percent Solids: | 90% | Cleanup Method: | EPA 3660B |
| | | Cleanup Date: | 09/17/16 |

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Column |
|---|---|---|---|---|---|---|---|
| **Polychlorinated Biphenyls by GC - Westborough Lab** | | | | | | | |
| Aroclor 1016 | ND | | ug/kg | 35.8 | 2.83 | 1 | A |
| Aroclor 1221 | ND | | ug/kg | 35.8 | 3.30 | 1 | A |
| Aroclor 1232 | ND | | ug/kg | 35.8 | 4.20 | 1 | A |
| Aroclor 1242 | ND | | ug/kg | 35.8 | 4.38 | 1 | A |
| Aroclor 1248 | ND | | ug/kg | 35.8 | 3.02 | 1 | A |
| Aroclor 1254 | ND | | ug/kg | 35.8 | 2.94 | 1 | A |
| Aroclor 1260 | ND | | ug/kg | 35.8 | 2.73 | 1 | A |
| Aroclor 1262 | ND | | ug/kg | 35.8 | 1.78 | 1 | A |
| Aroclor 1268 | ND | | ug/kg | 35.8 | 5.19 | 1 | A |
| PCBs, Total | ND | | ug/kg | 35.8 | 1.78 | 1 | A |

| Surrogate | % Recovery | Qualifier | Acceptance Criteria | Column |
|---|---|---|---|---|
| 2,4,5,6-Tetrachloro-m-xylene | 45 | | 30-150 | A |
| Decachlorobiphenyl | **27** | Q | 30-150 | A |
| 2,4,5,6-Tetrachloro-m-xylene | 42 | | 30-150 | B |
| Decachlorobiphenyl | 48 | | 30-150 | B |

**Project Name:** GREEN LAKE SEDIMENT SAMPLES **Lab Number:** L1628841

**Project Number:** B0351-016-003 **Report Date:** 09/20/16

## SAMPLE RESULTS

| | | | |
|---|---|---|---|
| Lab ID: | L1628841-02 | Date Collected: | 09/13/16 10:45 |
| Client ID: | COMPOSITE #2 | Date Received: | 09/13/16 |
| Sample Location: | STEEL SUN 2 SITE | Field Prep: | Not Specified |
| Matrix: | Soil | Extraction Method: | EPA 3546 |
| Analytical Method: | 1,8082A | Extraction Date: | 09/16/16 12:44 |
| Analytical Date: | 09/17/16 23:22 | Cleanup Method: | EPA 3665A |
| Analyst: | JW | Cleanup Date: | 09/17/16 |
| Percent Solids: | 81% | Cleanup Method: | EPA 3660B |
| | | Cleanup Date: | 09/17/16 |

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Column |
|---|---|---|---|---|---|---|---|
| **Polychlorinated Biphenyls by GC - Westborough Lab** | | | | | | | |
| Aroclor 1016 | ND | | ug/kg | 38.7 | 3.06 | 1 | A |
| Aroclor 1221 | ND | | ug/kg | 38.7 | 3.57 | 1 | A |
| Aroclor 1232 | ND | | ug/kg | 38.7 | 4.54 | 1 | A |
| Aroclor 1242 | ND | | ug/kg | 38.7 | 4.74 | 1 | A |
| Aroclor 1248 | ND | | ug/kg | 38.7 | 3.27 | 1 | A |
| Aroclor 1254 | ND | | ug/kg | 38.7 | 3.18 | 1 | A |
| Aroclor 1260 | ND | | ug/kg | 38.7 | 2.95 | 1 | A |
| Aroclor 1262 | ND | | ug/kg | 38.7 | 1.92 | 1 | A |
| Aroclor 1268 | ND | | ug/kg | 38.7 | 5.61 | 1 | A |
| PCBs, Total | ND | | ug/kg | 38.7 | 1.92 | 1 | A |

| Surrogate | % Recovery | Qualifier | Acceptance Criteria | Column |
|---|---|---|---|---|
| 2,4,5,6-Tetrachloro-m-xylene | 51 | | 30-150 | A |
| Decachlorobiphenyl | 35 | | 30-150 | A |
| 2,4,5,6-Tetrachloro-m-xylene | 49 | | 30-150 | B |
| Decachlorobiphenyl | 58 | | 30-150 | B |

**Project Name:** GREEN LAKE SEDIMENT SAMPLES **Lab Number:** L1628841

**Project Number:** B0351-016-003 **Report Date:** 09/20/16

## SAMPLE RESULTS

| | | | |
|---|---|---|---|
| Lab ID: | L1628841-03 | Date Collected: | 09/13/16 10:50 |
| Client ID: | COMPOSITE #3 | Date Received: | 09/13/16 |
| Sample Location: | STEEL SUN 2 SITE | Field Prep: | Not Specified |
| Matrix: | Soil | Extraction Method: | EPA 3546 |
| Analytical Method: | 1,8082A | Extraction Date: | 09/16/16 12:44 |
| Analytical Date: | 09/17/16 23:36 | Cleanup Method: | EPA 3665A |
| Analyst: | JW | Cleanup Date: | 09/17/16 |
| Percent Solids: | 84% | Cleanup Method: | EPA 3660B |
| | | Cleanup Date: | 09/17/16 |

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Column |
|---|---|---|---|---|---|---|---|
| **Polychlorinated Biphenyls by GC - Westborough Lab** | | | | | | | |
| Aroclor 1016 | ND | | ug/kg | 38.1 | 3.01 | 1 | A |
| Aroclor 1221 | ND | | ug/kg | 38.1 | 3.51 | 1 | A |
| Aroclor 1232 | ND | | ug/kg | 38.1 | 4.47 | 1 | A |
| Aroclor 1242 | ND | | ug/kg | 38.1 | 4.66 | 1 | A |
| Aroclor 1248 | ND | | ug/kg | 38.1 | 3.22 | 1 | A |
| Aroclor 1254 | ND | | ug/kg | 38.1 | 3.13 | 1 | A |
| Aroclor 1260 | ND | | ug/kg | 38.1 | 2.90 | 1 | A |
| Aroclor 1262 | ND | | ug/kg | 38.1 | 1.89 | 1 | A |
| Aroclor 1268 | ND | | ug/kg | 38.1 | 5.53 | 1 | A |
| PCBs, Total | ND | | ug/kg | 38.1 | 1.89 | 1 | A |

| Surrogate | % Recovery | Qualifier | Acceptance Criteria | Column |
|---|---|---|---|---|
| 2,4,5,6-Tetrachloro-m-xylene | 53 | | 30-150 | A |
| Decachlorobiphenyl | 37 | | 30-150 | A |
| 2,4,5,6-Tetrachloro-m-xylene | 50 | | 30-150 | B |
| Decachlorobiphenyl | 61 | | 30-150 | B |

**Project Name:** GREEN LAKE SEDIMENT SAMPLES
**Project Number:** B0351-016-003
**Lab Number:** L1628841
**Report Date:** 09/20/16

# Method Blank Analysis
## Batch Quality Control

Analytical Method: 1,8082A
Analytical Date: 09/17/16 19:02
Analyst: JW

Extraction Method: EPA 3546
Extraction Date: 09/16/16 12:43
Cleanup Method: EPA 3665A
Cleanup Date: 09/17/16
Cleanup Method: EPA 3660B
Cleanup Date: 09/17/16

| Parameter | Result | Qualifier | Units | RL | MDL | Column |
|---|---|---|---|---|---|---|
| Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 01-03 Batch: WG932744-1 | | | | | | |
| Aroclor 1016 | ND | | ug/kg | 32.7 | 2.58 | A |
| Aroclor 1221 | ND | | ug/kg | 32.7 | 3.01 | A |
| Aroclor 1232 | ND | | ug/kg | 32.7 | 3.83 | A |
| Aroclor 1242 | ND | | ug/kg | 32.7 | 4.00 | A |
| Aroclor 1248 | ND | | ug/kg | 32.7 | 2.76 | A |
| Aroclor 1254 | ND | | ug/kg | 32.7 | 2.69 | A |
| Aroclor 1260 | ND | | ug/kg | 32.7 | 2.49 | A |
| Aroclor 1262 | ND | | ug/kg | 32.7 | 1.62 | A |
| Aroclor 1268 | ND | | ug/kg | 32.7 | 4.74 | A |
| PCBs, Total | ND | | ug/kg | 32.7 | 1.62 | A |

| Surrogate | %Recovery | Qualifier | Acceptance Criteria | Column |
|---|---|---|---|---|
| 2,4,5,6-Tetrachloro-m-xylene | 71 | | 30-150 | A |
| Decachlorobiphenyl | 62 | | 30-150 | A |
| 2,4,5,6-Tetrachloro-m-xylene | 69 | | 30-150 | B |
| Decachlorobiphenyl | 89 | | 30-150 | B |

# Lab Control Sample Analysis

## Batch Quality Control

**Project Name:** GREEN LAKE SEDIMENT SAMPLES

**Project Number:** B0351-016-003

**Lab Number:** L1628841

**Report Date:** 09/20/16

| Parameter | LCS %Recovery | Qual | LCSD %Recovery | Qual | %Recovery Limits | RPD | Qual | RPD Limits | Column |
|---|---|---|---|---|---|---|---|---|---|
| Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 01-03 Batch: WG932744-2 WG932744-3 | | | | | | | | | |
| Aroclor 1016 | 80 | | 82 | | 40-140 | 2 | | 50 | A |
| Aroclor 1260 | 72 | | 73 | | 40-140 | 1 | | 50 | A |

| Surrogate | LCS %Recovery | Qual | LCSD %Recovery | Qual | Acceptance Criteria | Column |
|---|---|---|---|---|---|---|
| 2,4,5,6-Tetrachloro-m-xylene | 72 | | 76 | | 30-150 | A |
| Decachlorobiphenyl | 64 | | 63 | | 30-150 | A |
| 2,4,5,6-Tetrachloro-m-xylene | 67 | | 71 | | 30-150 | B |
| Decachlorobiphenyl | 91 | | 95 | | 30-150 | B |

# PESTICIDES

**Project Name:** GREEN LAKE SEDIMENT SAMPLES **Lab Number:** L1628841

**Project Number:** B0351-016-003 **Report Date:** 09/20/16

## SAMPLE RESULTS

| | | | |
|---|---|---|---|
| Lab ID: | L1628841-01 | Date Collected: | 09/13/16 10:40 |
| Client ID: | COMPOSITE #1 | Date Received: | 09/13/16 |
| Sample Location: | STEEL SUN 2 SITE | Field Prep: | Not Specified |
| Matrix: | Soil | Extraction Method: | EPA 3546 |
| Analytical Method: | 1,8081B | Extraction Date: | 09/16/16 22:05 |
| Analytical Date: | 09/18/16 18:04 | Cleanup Method: | EPA 3620B |
| Analyst: | AM | Cleanup Date: | 09/17/16 |
| Percent Solids: | 90% | | |

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Column |
|---|---|---|---|---|---|---|---|
| **Organochlorine Pesticides by GC - Westborough Lab** | | | | | | | |
| Delta-BHC | ND | | ug/kg | 1.67 | 0.328 | 1 | A |
| Lindane | ND | | ug/kg | 0.697 | 0.312 | 1 | A |
| Alpha-BHC | ND | | ug/kg | 0.697 | 0.198 | 1 | A |
| Beta-BHC | ND | | ug/kg | 1.67 | 0.634 | 1 | A |
| Heptachlor | ND | | ug/kg | 0.836 | 0.375 | 1 | A |
| Aldrin | ND | | ug/kg | 1.67 | 0.589 | 1 | A |
| Endrin | ND | | ug/kg | 0.697 | 0.286 | 1 | A |
| Dieldrin | ND | | ug/kg | 1.04 | 0.523 | 1 | A |
| 4,4'-DDE | ND | | ug/kg | 1.67 | 0.387 | 1 | A |
| 4,4'-DDD | ND | | ug/kg | 1.67 | 0.597 | 1 | A |
| 4,4'-DDT | ND | | ug/kg | 3.14 | 1.34 | 1 | A |
| Endosulfan I | ND | | ug/kg | 1.67 | 0.395 | 1 | A |
| Endosulfan II | ND | | ug/kg | 1.67 | 0.559 | 1 | A |
| Endosulfan sulfate | ND | | ug/kg | 0.697 | 0.332 | 1 | A |
| cis-Chlordane | ND | | ug/kg | 2.09 | 0.583 | 1 | A |

| Surrogate | % Recovery | Qualifier | Acceptance Criteria | Column |
|---|---|---|---|---|
| 2,4,5,6-Tetrachloro-m-xylene | 53 | | 30-150 | B |
| Decachlorobiphenyl | 50 | | 30-150 | B |
| 2,4,5,6-Tetrachloro-m-xylene | 59 | | 30-150 | A |
| Decachlorobiphenyl | 67 | | 30-150 | A |

**Project Name:** GREEN LAKE SEDIMENT SAMPLES **Lab Number:** L1628841

**Project Number:** B0351-016-003 **Report Date:** 09/20/16

## SAMPLE RESULTS

| | | | |
|---|---|---|---|
| Lab ID: | L1628841-02 | Date Collected: | 09/13/16 10:45 |
| Client ID: | COMPOSITE #2 | Date Received: | 09/13/16 |
| Sample Location: | STEEL SUN 2 SITE | Field Prep: | Not Specified |
| Matrix: | Soil | Extraction Method: | EPA 3546 |
| Analytical Method: | 1,8081B | Extraction Date: | 09/16/16 22:05 |
| Analytical Date: | 09/18/16 18:17 | Cleanup Method: | EPA 3620B |
| Analyst: | AM | Cleanup Date: | 09/17/16 |
| Percent Solids: | 81% | | |

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Column |
|---|---|---|---|---|---|---|---|
| **Organochlorine Pesticides by GC - Westborough Lab** | | | | | | | |
| Delta-BHC | ND | | ug/kg | 1.86 | 0.365 | 1 | A |
| Lindane | ND | | ug/kg | 0.776 | 0.347 | 1 | A |
| Alpha-BHC | ND | | ug/kg | 0.776 | 0.220 | 1 | A |
| Beta-BHC | ND | | ug/kg | 1.86 | 0.706 | 1 | A |
| Heptachlor | ND | | ug/kg | 0.931 | 0.417 | 1 | A |
| Aldrin | ND | | ug/kg | 1.86 | 0.656 | 1 | A |
| Endrin | ND | | ug/kg | 0.776 | 0.318 | 1 | A |
| Dieldrin | ND | | ug/kg | 1.16 | 0.582 | 1 | A |
| 4,4'-DDE | ND | | ug/kg | 1.86 | 0.431 | 1 | A |
| 4,4'-DDD | ND | | ug/kg | 1.86 | 0.664 | 1 | A |
| 4,4'-DDT | ND | | ug/kg | 3.49 | 1.50 | 1 | A |
| Endosulfan I | ND | | ug/kg | 1.86 | 0.440 | 1 | A |
| Endosulfan II | ND | | ug/kg | 1.86 | 0.622 | 1 | A |
| Endosulfan sulfate | ND | | ug/kg | 0.776 | 0.369 | 1 | A |
| cis-Chlordane | ND | | ug/kg | 2.33 | 0.649 | 1 | A |

| Surrogate | % Recovery | Qualifier | Acceptance Criteria | Column |
|---|---|---|---|---|
| 2,4,5,6-Tetrachloro-m-xylene | 60 | | 30-150 | B |
| Decachlorobiphenyl | 57 | | 30-150 | B |
| 2,4,5,6-Tetrachloro-m-xylene | 69 | | 30-150 | A |
| Decachlorobiphenyl | 81 | | 30-150 | A |

**Project Name:** GREEN LAKE SEDIMENT SAMPLES **Lab Number:** L1628841

**Project Number:** B0351-016-003 **Report Date:** 09/20/16

## SAMPLE RESULTS

| | | | |
|---|---|---|---|
| Lab ID: | L1628841-03 | Date Collected: | 09/13/16 10:50 |
| Client ID: | COMPOSITE #3 | Date Received: | 09/13/16 |
| Sample Location: | STEEL SUN 2 SITE | Field Prep: | Not Specified |
| Matrix: | Soil | Extraction Method: | EPA 3546 |
| Analytical Method: | 1,8081B | Extraction Date: | 09/16/16 22:05 |
| Analytical Date: | 09/18/16 18:30 | Cleanup Method: | EPA 3620B |
| Analyst: | AM | Cleanup Date: | 09/17/16 |
| Percent Solids: | 84% | | |

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Column |
|---|---|---|---|---|---|---|---|
| **Organochlorine Pesticides by GC - Westborough Lab** | | | | | | | |
| Delta-BHC | ND | | ug/kg | 1.89 | 0.371 | 1 | A |
| Lindane | ND | | ug/kg | 0.789 | 0.353 | 1 | A |
| Alpha-BHC | ND | | ug/kg | 0.789 | 0.224 | 1 | A |
| Beta-BHC | ND | | ug/kg | 1.89 | 0.718 | 1 | A |
| Heptachlor | ND | | ug/kg | 0.947 | 0.425 | 1 | A |
| Aldrin | ND | | ug/kg | 1.89 | 0.667 | 1 | A |
| Endrin | ND | | ug/kg | 0.789 | 0.324 | 1 | A |
| Dieldrin | ND | | ug/kg | 1.18 | 0.592 | 1 | A |
| 4,4'-DDE | ND | | ug/kg | 1.89 | 0.438 | 1 | A |
| 4,4'-DDD | ND | | ug/kg | 1.89 | 0.676 | 1 | A |
| 4,4'-DDT | ND | | ug/kg | 3.55 | 1.52 | 1 | A |
| Endosulfan I | ND | | ug/kg | 1.89 | 0.448 | 1 | A |
| Endosulfan II | ND | | ug/kg | 1.89 | 0.633 | 1 | A |
| Endosulfan sulfate | ND | | ug/kg | 0.789 | 0.376 | 1 | A |
| cis-Chlordane | ND | | ug/kg | 2.37 | 0.660 | 1 | A |

| Surrogate | % Recovery | Qualifier | Acceptance Criteria | Column |
|---|---|---|---|---|
| 2,4,5,6-Tetrachloro-m-xylene | 64 | | 30-150 | B |
| Decachlorobiphenyl | 60 | | 30-150 | B |
| 2,4,5,6-Tetrachloro-m-xylene | 72 | | 30-150 | A |
| Decachlorobiphenyl | 91 | | 30-150 | A |

**Project Name:** GREEN LAKE SEDIMENT SAMPLES
**Project Number:** B0351-016-003
**Lab Number:** L1628841
**Report Date:** 09/20/16

# Method Blank Analysis
## Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 09/18/16 14:30
Analyst: RL

Extraction Method: EPA 3546
Extraction Date: 09/16/16 22:05
Cleanup Method: EPA 3620B
Cleanup Date: 09/17/16

| Parameter | Result | Qualifier | Units | RL | MDL | Column |
|---|---|---|---|---|---|---|
| Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01-03 Batch: WG932887-1 | | | | | | |
| Delta-BHC | ND | | ug/kg | 1.60 | 0.313 | A |
| Lindane | ND | | ug/kg | 0.665 | 0.297 | A |
| Alpha-BHC | ND | | ug/kg | 0.665 | 0.189 | A |
| Beta-BHC | ND | | ug/kg | 1.60 | 0.605 | A |
| Heptachlor | ND | | ug/kg | 0.798 | 0.358 | A |
| Aldrin | ND | | ug/kg | 1.60 | 0.562 | A |
| Endrin | ND | | ug/kg | 0.665 | 0.273 | A |
| Dieldrin | ND | | ug/kg | 0.998 | 0.499 | A |
| 4,4'-DDE | ND | | ug/kg | 1.60 | 0.369 | A |
| 4,4'-DDD | ND | | ug/kg | 1.60 | 0.570 | A |
| 4,4'-DDT | ND | | ug/kg | 2.99 | 1.28 | A |
| Endosulfan I | ND | | ug/kg | 1.60 | 0.377 | A |
| Endosulfan II | ND | | ug/kg | 1.60 | 0.534 | A |
| Endosulfan sulfate | ND | | ug/kg | 0.665 | 0.317 | A |
| cis-Chlordane | ND | | ug/kg | 2.00 | 0.556 | A |

| Surrogate | %Recovery | Qualifier | Acceptance Criteria | Column |
|---|---|---|---|---|
| 2,4,5,6-Tetrachloro-m-xylene | 83 | | 30-150 | B |
| Decachlorobiphenyl | 82 | | 30-150 | B |
| 2,4,5,6-Tetrachloro-m-xylene | 81 | | 30-150 | A |
| Decachlorobiphenyl | 85 | | 30-150 | A |

# Lab Control Sample Analysis
## Batch Quality Control

**Project Name:** GREEN LAKE SEDIMENT SAMPLES
**Project Number:** B0351-016-003

**Lab Number:** L1628841
**Report Date:** 09/20/16

| Parameter | LCS %Recovery | Qual | LCSD %Recovery | Qual | %Recovery Limits | RPD | Qual | RPD Limits | Column |
|---|---|---|---|---|---|---|---|---|---|
| Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01-03 Batch: WG932887-2 WG932887-3 | | | | | | | | | |
| Delta-BHC | 56 | | 58 | | 30-150 | 4 | | 30 | A |
| Lindane | 87 | | 94 | | 30-150 | 8 | | 30 | A |
| Alpha-BHC | 92 | | 98 | | 30-150 | 6 | | 30 | A |
| Beta-BHC | 92 | | 94 | | 30-150 | 2 | | 30 | A |
| Heptachlor | 78 | | 84 | | 30-150 | 7 | | 30 | A |
| Aldrin | 101 | | 103 | | 30-150 | 2 | | 30 | A |
| Heptachlor epoxide | 89 | | 96 | | 30-150 | 8 | | 30 | A |
| Endrin | 88 | | 96 | | 30-150 | 9 | | 30 | A |
| Endrin aldehyde | 68 | | 78 | | 30-150 | 14 | | 30 | A |
| Endrin ketone | 86 | | 95 | | 30-150 | 10 | | 30 | A |
| Dieldrin | 101 | | 109 | | 30-150 | 8 | | 30 | A |
| 4,4'-DDE | 102 | | 110 | | 30-150 | 8 | | 30 | A |
| 4,4'-DDD | 98 | | 108 | | 30-150 | 10 | | 30 | A |
| 4,4'-DDT | 92 | | 102 | | 30-150 | 10 | | 30 | A |
| Endosulfan I | 93 | | 100 | | 30-150 | 7 | | 30 | A |
| Endosulfan II | 90 | | 100 | | 30-150 | 11 | | 30 | A |
| Endosulfan sulfate | 67 | | 75 | | 30-150 | 11 | | 30 | A |
| Methoxychlor | 92 | | 101 | | 30-150 | 9 | | 30 | A |
| cis-Chlordane | 88 | | 88 | | 30-150 | 0 | | 30 | A |
| trans-Chlordane | 95 | | 102 | | 30-150 | 7 | | 30 | A |

# Lab Control Sample Analysis

## Batch Quality Control

**Project Name:** GREEN LAKE SEDIMENT SAMPLES

**Project Number:** B0351-016-003

**Lab Number:** L1628841

**Report Date:** 09/20/16

| Parameter | LCS %Recovery | Qual | LCSD %Recovery | Qual | %Recovery Limits | RPD | Qual | RPD Limits |
|---|---|---|---|---|---|---|---|---|
| Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01-03 Batch: WG932887-2 WG932887-3 | | | | | | | | |

| Surrogate | LCS %Recovery | Qual | LCSD %Recovery | Qual | Acceptance Criteria | Column |
|---|---|---|---|---|---|---|
| 2,4,5,6-Tetrachloro-m-xylene | 82 | | 86 | | 30-150 | B |
| Decachlorobiphenyl | 79 | | 84 | | 30-150 | B |
| 2,4,5,6-Tetrachloro-m-xylene | 81 | | 87 | | 30-150 | A |
| Decachlorobiphenyl | 106 | | 108 | | 30-150 | A |

# METALS

**Project Name:** GREEN LAKE SEDIMENT SAMPLES
**Lab Number:** L1628841
**Project Number:** B0351-016-003
**Report Date:** 09/20/16

## SAMPLE RESULTS

Lab ID: L1628841-01
Client ID: COMPOSITE #1
Sample Location: STEEL SUN 2 SITE
Matrix: Soil
Percent Solids: 90%

Date Collected: 09/13/16 10:40
Date Received: 09/13/16
Field Prep: Not Specified

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Date Prepared | Date Analyzed | Prep Method | Analytical Method | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Total Metals - Mansfield Lab** | | | | | | | | | | | |
| Arsenic, Total | 7.2 | | mg/kg | 0.43 | 0.14 | 1 | 09/15/16 08:15 | 09/15/16 13:27 | EPA 3050B | 1,6010C | PS |
| Barium, Total | 120 | | mg/kg | 0.43 | 0.12 | 1 | 09/15/16 08:15 | 09/15/16 13:27 | EPA 3050B | 1,6010C | PS |
| Beryllium, Total | 0.74 | | mg/kg | 0.22 | 0.05 | 1 | 09/15/16 08:15 | 09/15/16 13:27 | EPA 3050B | 1,6010C | PS |
| Cadmium, Total | 0.72 | | mg/kg | 0.43 | 0.03 | 1 | 09/15/16 08:15 | 09/15/16 13:27 | EPA 3050B | 1,6010C | PS |
| Chromium, Total | 17 | | mg/kg | 0.43 | 0.07 | 1 | 09/15/16 08:15 | 09/15/16 13:27 | EPA 3050B | 1,6010C | PS |
| Copper, Total | 34 | | mg/kg | 0.43 | 0.08 | 1 | 09/15/16 08:15 | 09/15/16 13:27 | EPA 3050B | 1,6010C | PS |
| Lead, Total | 25 | | mg/kg | 2.2 | 0.10 | 1 | 09/15/16 08:15 | 09/15/16 13:27 | EPA 3050B | 1,6010C | PS |
| Manganese, Total | 400 | | mg/kg | 0.43 | 0.10 | 1 | 09/15/16 08:15 | 09/15/16 13:27 | EPA 3050B | 1,6010C | PS |
| Mercury, Total | 0.12 | | mg/kg | 0.07 | 0.02 | 1 | 09/15/16 10:00 | 09/15/16 20:29 | EPA 7471B | 1,7471B | EA |
| Nickel, Total | 26 | | mg/kg | 1.1 | 0.17 | 1 | 09/15/16 08:15 | 09/15/16 13:27 | EPA 3050B | 1,6010C | PS |
| Selenium, Total | ND | | mg/kg | 0.87 | 0.12 | 1 | 09/15/16 08:15 | 09/15/16 13:27 | EPA 3050B | 1,6010C | PS |
| Silver, Total | 0.17 | J | mg/kg | 0.43 | 0.09 | 1 | 09/15/16 08:15 | 09/15/16 13:27 | EPA 3050B | 1,6010C | PS |
| Zinc, Total | 96 | | mg/kg | 2.2 | 0.30 | 1 | 09/15/16 08:15 | 09/15/16 13:27 | EPA 3050B | 1,6010C | PS |

**Project Name:** GREEN LAKE SEDIMENT SAMPLES
**Lab Number:** L1628841
**Project Number:** B0351-016-003
**Report Date:** 09/20/16

## SAMPLE RESULTS

Lab ID: L1628841-02
Client ID: COMPOSITE #2
Sample Location: STEEL SUN 2 SITE
Matrix: Soil
Percent Solids: 81%

Date Collected: 09/13/16 10:45
Date Received: 09/13/16
Field Prep: Not Specified

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Date Prepared | Date Analyzed | Prep Method | Analytical Method | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Total Metals - Mansfield Lab** | | | | | | | | | | | |
| Arsenic, Total | 6.1 | | mg/kg | 0.49 | 0.16 | 1 | 09/15/16 08:15 | 09/15/16 13:32 | EPA 3050B | 1,6010C | PS |
| Barium, Total | 110 | | mg/kg | 0.49 | 0.13 | 1 | 09/15/16 08:15 | 09/15/16 13:32 | EPA 3050B | 1,6010C | PS |
| Beryllium, Total | 0.64 | | mg/kg | 0.24 | 0.05 | 1 | 09/15/16 08:15 | 09/15/16 13:32 | EPA 3050B | 1,6010C | PS |
| Cadmium, Total | 0.51 | | mg/kg | 0.49 | 0.03 | 1 | 09/15/16 08:15 | 09/15/16 13:32 | EPA 3050B | 1,6010C | PS |
| Chromium, Total | 15 | | mg/kg | 0.49 | 0.08 | 1 | 09/15/16 08:15 | 09/15/16 13:32 | EPA 3050B | 1,6010C | PS |
| Copper, Total | 33 | | mg/kg | 0.49 | 0.09 | 1 | 09/15/16 08:15 | 09/15/16 13:32 | EPA 3050B | 1,6010C | PS |
| Lead, Total | 22 | | mg/kg | 2.4 | 0.11 | 1 | 09/15/16 08:15 | 09/15/16 13:32 | EPA 3050B | 1,6010C | PS |
| Manganese, Total | 290 | | mg/kg | 0.49 | 0.12 | 1 | 09/15/16 08:15 | 09/15/16 13:32 | EPA 3050B | 1,6010C | PS |
| Mercury, Total | 0.081 | J | mg/kg | 0.083 | 0.018 | 1 | 09/15/16 10:00 | 09/15/16 20:31 | EPA 7471B | 1,7471B | EA |
| Nickel, Total | 30 | | mg/kg | 1.2 | 0.20 | 1 | 09/15/16 08:15 | 09/15/16 13:32 | EPA 3050B | 1,6010C | PS |
| Selenium, Total | ND | | mg/kg | 0.98 | 0.13 | 1 | 09/15/16 08:15 | 09/15/16 13:32 | EPA 3050B | 1,6010C | PS |
| Silver, Total | ND | | mg/kg | 0.49 | 0.10 | 1 | 09/15/16 08:15 | 09/15/16 13:32 | EPA 3050B | 1,6010C | PS |
| Zinc, Total | 90 | | mg/kg | 2.4 | 0.34 | 1 | 09/15/16 08:15 | 09/15/16 13:32 | EPA 3050B | 1,6010C | PS |

**Project Name:** GREEN LAKE SEDIMENT SAMPLES
**Lab Number:** L1628841
**Project Number:** B0351-016-003
**Report Date:** 09/20/16

## SAMPLE RESULTS

Lab ID: L1628841-03
Client ID: COMPOSITE #3
Sample Location: STEEL SUN 2 SITE
Matrix: Soil
Percent Solids: 84%

Date Collected: 09/13/16 10:50
Date Received: 09/13/16
Field Prep: Not Specified

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Date Prepared | Date Analyzed | Prep Method | Analytical Method | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Total Metals - Mansfield Lab** | | | | | | | | | | | |
| Arsenic, Total | 5.4 | | mg/kg | 0.47 | 0.15 | 1 | 09/15/16 08:15 | 09/15/16 13:37 | EPA 3050B | 1,6010C | PS |
| Barium, Total | 110 | | mg/kg | 0.47 | 0.13 | 1 | 09/15/16 08:15 | 09/15/16 13:37 | EPA 3050B | 1,6010C | PS |
| Beryllium, Total | 0.66 | | mg/kg | 0.23 | 0.05 | 1 | 09/15/16 08:15 | 09/15/16 13:37 | EPA 3050B | 1,6010C | PS |
| Cadmium, Total | 0.49 | | mg/kg | 0.47 | 0.03 | 1 | 09/15/16 08:15 | 09/15/16 13:37 | EPA 3050B | 1,6010C | PS |
| Chromium, Total | 15 | | mg/kg | 0.47 | 0.08 | 1 | 09/15/16 08:15 | 09/15/16 13:37 | EPA 3050B | 1,6010C | PS |
| Copper, Total | 33 | | mg/kg | 0.47 | 0.08 | 1 | 09/15/16 08:15 | 09/15/16 13:37 | EPA 3050B | 1,6010C | PS |
| Lead, Total | 24 | | mg/kg | 2.3 | 0.10 | 1 | 09/15/16 08:15 | 09/15/16 13:37 | EPA 3050B | 1,6010C | PS |
| Manganese, Total | 280 | | mg/kg | 0.47 | 0.11 | 1 | 09/15/16 08:15 | 09/15/16 13:37 | EPA 3050B | 1,6010C | PS |
| Mercury, Total | 0.15 | | mg/kg | 0.08 | 0.02 | 1 | 09/15/16 10:00 | 09/15/16 20:36 | EPA 7471B | 1,7471B | EA |
| Nickel, Total | 26 | | mg/kg | 1.2 | 0.19 | 1 | 09/15/16 08:15 | 09/15/16 13:37 | EPA 3050B | 1,6010C | PS |
| Selenium, Total | 0.13 | J | mg/kg | 0.94 | 0.13 | 1 | 09/15/16 08:15 | 09/15/16 13:37 | EPA 3050B | 1,6010C | PS |
| Silver, Total | 0.09 | J | mg/kg | 0.47 | 0.09 | 1 | 09/15/16 08:15 | 09/15/16 13:37 | EPA 3050B | 1,6010C | PS |
| Zinc, Total | 86 | | mg/kg | 2.3 | 0.33 | 1 | 09/15/16 08:15 | 09/15/16 13:37 | EPA 3050B | 1,6010C | PS |

**Project Name:** GREEN LAKE SEDIMENT SAMPLES **Lab Number:** L1628841

**Project Number:** B0351-016-003 **Report Date:** 09/20/16

# Method Blank Analysis
# Batch Quality Control

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Date Prepared | Date Analyzed | Analytical Method | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|
| Total Metals - Mansfield Lab for sample(s): 01-03 Batch: WG932069-1 | | | | | | | | | | |
| Arsenic, Total | ND | | mg/kg | 0.40 | 0.13 | 1 | 09/15/16 08:15 | 09/15/16 11:02 | 1,6010C | PS |
| Barium, Total | ND | | mg/kg | 0.40 | 0.11 | 1 | 09/15/16 08:15 | 09/15/16 11:02 | 1,6010C | PS |
| Beryllium, Total | ND | | mg/kg | 0.20 | 0.04 | 1 | 09/15/16 08:15 | 09/15/16 11:02 | 1,6010C | PS |
| Cadmium, Total | ND | | mg/kg | 0.40 | 0.03 | 1 | 09/15/16 08:15 | 09/15/16 11:02 | 1,6010C | PS |
| Chromium, Total | ND | | mg/kg | 0.40 | 0.07 | 1 | 09/15/16 08:15 | 09/15/16 11:02 | 1,6010C | PS |
| Copper, Total | ND | | mg/kg | 0.40 | 0.07 | 1 | 09/15/16 08:15 | 09/15/16 11:02 | 1,6010C | PS |
| Lead, Total | ND | | mg/kg | 2.0 | 0.09 | 1 | 09/15/16 08:15 | 09/15/16 11:02 | 1,6010C | PS |
| Manganese, Total | ND | | mg/kg | 0.40 | 0.10 | 1 | 09/15/16 08:15 | 09/15/16 11:02 | 1,6010C | PS |
| Nickel, Total | ND | | mg/kg | 1.0 | 0.16 | 1 | 09/15/16 08:15 | 09/15/16 11:02 | 1,6010C | PS |
| Selenium, Total | ND | | mg/kg | 0.80 | 0.11 | 1 | 09/15/16 08:15 | 09/15/16 11:02 | 1,6010C | PS |
| Silver, Total | ND | | mg/kg | 0.40 | 0.08 | 1 | 09/15/16 08:15 | 09/15/16 11:02 | 1,6010C | PS |
| Zinc, Total | ND | | mg/kg | 2.0 | 0.28 | 1 | 09/15/16 08:15 | 09/15/16 11:02 | 1,6010C | PS |

**Prep Information**

Digestion Method: EPA 3050B

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Date Prepared | Date Analyzed | Analytical Method | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|
| Total Metals - Mansfield Lab for sample(s): 01-03 Batch: WG932070-1 | | | | | | | | | | |
| Mercury, Total | ND | | mg/kg | 0.08 | 0.02 | 1 | 09/15/16 10:00 | 09/15/16 19:40 | 1,7471B | EA |

**Prep Information**

Digestion Method: EPA 7471B

# Lab Control Sample Analysis

## Batch Quality Control

**Project Name:** GREEN LAKE SEDIMENT SAMPLES

**Project Number:** B0351-016-003

**Lab Number:** L1628841

**Report Date:** 09/20/16

| Parameter | LCS %Recovery | Qual | LCSD %Recovery | Qual | %Recovery Limits | RPD | Qual | RPD Limits |
|---|---|---|---|---|---|---|---|---|
| Total Metals - Mansfield Lab Associated sample(s): 01-03 Batch: WG932069-2 SRM Lot Number: D091-540 | | | | | | | | |
| Arsenic, Total | 110 | | - | | 80-121 | - | | |
| Barium, Total | 91 | | - | | 84-117 | - | | |
| Beryllium, Total | 91 | | - | | 83-117 | - | | |
| Cadmium, Total | 106 | | - | | 83-117 | - | | |
| Chromium, Total | 91 | | - | | 80-119 | - | | |
| Copper, Total | 92 | | - | | 82-117 | - | | |
| Lead, Total | 110 | | - | | 82-118 | - | | |
| Manganese, Total | 87 | | - | | 82-118 | - | | |
| Nickel, Total | 108 | | - | | 83-117 | - | | |
| Selenium, Total | 101 | | - | | 79-121 | - | | |
| Silver, Total | 96 | | - | | 75-124 | - | | |
| Zinc, Total | 108 | | - | | 82-118 | - | | |
| Total Metals - Mansfield Lab Associated sample(s): 01-03 Batch: WG932070-2 SRM Lot Number: D091-540 | | | | | | | | |
| Mercury, Total | 114 | | - | | 72-128 | - | | |

# Matrix Spike Analysis
## Batch Quality Control

**Project Name:** GREEN LAKE SEDIMENT SAMPLES
**Project Number:** B0351-016-003

**Lab Number:** L1628841
**Report Date:** 09/20/16

| Parameter | Native Sample | MS Added | MS Found | MS %Recovery | Qual | MSD Found | MSD %Recovery | Qual | Recovery Limits | RPD | Qual | RPD Limits |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Total Metals - Mansfield Lab Associated sample(s): 01-03 QC Batch ID: WG932069-4 QC Sample: L1628828-01 Client ID: MS Sample | | | | | | | | | | | | |
| Arsenic, Total | 25. | 10.9 | 32 | **64** | Q | - | - | | 75-125 | - | | 20 |
| Barium, Total | 880 | 182 | 1200 | **176** | Q | - | - | | 75-125 | - | | 20 |
| Beryllium, Total | 1.0J | 4.55 | 5.9 | **130** | Q | - | - | | 75-125 | - | | 20 |
| Cadmium, Total | 3.3J | 4.64 | 5.3 | 114 | | - | - | | 75-125 | - | | 20 |
| Chromium, Total | 49. | 18.2 | 60 | **60** | Q | - | - | | 75-125 | - | | 20 |
| Copper, Total | 1300 | 22.8 | 730 | **0** | Q | - | - | | 75-125 | - | | 20 |
| Lead, Total | 5400 | 46.4 | 5000 | **0** | Q | - | - | | 75-125 | - | | 20 |
| Manganese, Total | 830 | 45.5 | 830 | **0** | Q | - | - | | 75-125 | - | | 20 |
| Nickel, Total | 28. | 45.5 | 58 | **66** | Q | - | - | | 75-125 | - | | 20 |
| Selenium, Total | ND | 10.9 | 8.6J | 79 | | - | - | | 75-125 | - | | 20 |
| Silver, Total | ND | 27.3 | 26 | 95 | | - | - | | 75-125 | - | | 20 |
| Zinc, Total | 3700 | 45.5 | 3000 | **0** | Q | - | - | | 75-125 | - | | 20 |
| Total Metals - Mansfield Lab Associated sample(s): 01-03 QC Batch ID: WG932070-4 QC Sample: L1628694-03 Client ID: MS Sample | | | | | | | | | | | | |
| Mercury, Total | ND | 0.149 | 0.23 | **154** | Q | - | - | | 80-120 | - | | 20 |

# Lab Duplicate Analysis
## Batch Quality Control

**Project Name:** GREEN LAKE SEDIMENT SAMPLES
**Project Number:** B0351-016-003

**Lab Number:** L1628841
**Report Date:** 09/20/16

| Parameter | Native Sample | Duplicate Sample | Units | RPD | Qual | RPD Limits |
|---|---|---|---|---|---|---|
| Total Metals - Mansfield Lab Associated sample(s): 01-03 QC Batch ID: WG932069-3 QC Sample: L1628828-01 Client ID: DUP Sample | | | | | | |
| Lead, Total | 5400 | 4500 | mg/kg | 18 | | 20 |
| Total Metals - Mansfield Lab Associated sample(s): 01-03 QC Batch ID: WG932070-3 QC Sample: L1628694-03 Client ID: DUP Sample | | | | | | |
| Mercury, Total | ND | 0.02J | mg/kg | NC | | 20 |

# INORGANICS
# &
# MISCELLANEOUS

**Project Name:** GREEN LAKE SEDIMENT SAMPLES
**Project Number:** B0351-016-003
**Lab Number:** L1628841
**Report Date:** 09/20/16

## SAMPLE RESULTS

Lab ID: L1628841-01
Client ID: COMPOSITE #1
Sample Location: STEEL SUN 2 SITE
Matrix: Soil

Date Collected: 09/13/16 10:40
Date Received: 09/13/16
Field Prep: Not Specified

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Date Prepared | Date Analyzed | Analytical Method | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|
| **General Chemistry - Westborough Lab** | | | | | | | | | | |
| Solids, Total | 90.4 | | % | 0.100 | NA | 1 | - | 09/15/16 02:29 | 121,2540G | VB |
| Cyanide, Total | 0.22 | J | mg/kg | 1.1 | 0.18 | 1 | 09/14/16 20:58 | 09/15/16 14:26 | 1,9010C/9012B | JO |

**Project Name:** GREEN LAKE SEDIMENT SAMPLES
**Project Number:** B0351-016-003
**Lab Number:** L1628841
**Report Date:** 09/20/16

## SAMPLE RESULTS

Lab ID: L1628841-02
Client ID: COMPOSITE #2
Sample Location: STEEL SUN 2 SITE
Matrix: Soil

Date Collected: 09/13/16 10:45
Date Received: 09/13/16
Field Prep: Not Specified

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Date Prepared | Date Analyzed | Analytical Method | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|
| **General Chemistry - Westborough Lab** | | | | | | | | | | |
| Solids, Total | 81.0 | | % | 0.100 | NA | 1 | - | 09/15/16 02:29 | 121,2540G | VB |
| Cyanide, Total | ND | | mg/kg | 1.2 | 0.20 | 1 | 09/14/16 20:58 | 09/15/16 14:27 | 1,9010C/9012B | JO |

**Project Name:** GREEN LAKE SEDIMENT SAMPLES
**Project Number:** B0351-016-003
**Lab Number:** L1628841
**Report Date:** 09/20/16

## SAMPLE RESULTS

Lab ID: L1628841-03
Client ID: COMPOSITE #3
Sample Location: STEEL SUN 2 SITE
Matrix: Soil

Date Collected: 09/13/16 10:50
Date Received: 09/13/16
Field Prep: Not Specified

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Date Prepared | Date Analyzed | Analytical Method | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|
| **General Chemistry - Westborough Lab** | | | | | | | | | | |
| Solids, Total | 83.5 | | % | 0.100 | NA | 1 | - | 09/15/16 02:29 | 121,2540G | VB |
| Cyanide, Total | 0.20 | J | mg/kg | 1.1 | 0.19 | 1 | 09/14/16 20:58 | 09/15/16 14:34 | 1,9010C/9012B | JO |

**Project Name:** GREEN LAKE SEDIMENT SAMPLES
**Project Number:** B0351-016-003
**Lab Number:** L1628841
**Report Date:** 09/20/16

## SAMPLE RESULTS

Lab ID: L1628841-04
Client ID: VOC GRAB #1
Sample Location: STEEL SUN 2 SITE
Matrix: Soil

Date Collected: 09/13/16 10:55
Date Received: 09/13/16
Field Prep: Not Specified

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Date Prepared | Date Analyzed | Analytical Method | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|
| **General Chemistry - Westborough Lab** | | | | | | | | | | |
| Solids, Total | 82.0 | | % | 0.100 | NA | 1 | - | 09/15/16 15:12 | 121,2540G | RI |

**Project Name:** GREEN LAKE SEDIMENT SAMPLES
**Project Number:** B0351-016-003
**Lab Number:** L1628841
**Report Date:** 09/20/16

## SAMPLE RESULTS

Lab ID: L1628841-05
Client ID: VOC GRAB #2
Sample Location: STEEL SUN 2 SITE
Matrix: Soil

Date Collected: 09/13/16 10:58
Date Received: 09/13/16
Field Prep: Not Specified

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Date Prepared | Date Analyzed | Analytical Method | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|
| **General Chemistry - Westborough Lab** | | | | | | | | | | |
| Solids, Total | 77.2 | | % | 0.100 | NA | 1 | - | 09/15/16 15:12 | 121,2540G | RI |

**Project Name:** GREEN LAKE SEDIMENT SAMPLES
**Project Number:** B0351-016-003
**Lab Number:** L1628841
**Report Date:** 09/20/16

## SAMPLE RESULTS

Lab ID: L1628841-06
Client ID: VOC GRAB #3
Sample Location: STEEL SUN 2 SITE
Matrix: Soil

Date Collected: 09/13/16 11:01
Date Received: 09/13/16
Field Prep: Not Specified

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Date Prepared | Date Analyzed | Analytical Method | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|
| General Chemistry - Westborough Lab | | | | | | | | | | |
| Solids, Total | 85.0 | | % | 0.100 | NA | 1 | - | 09/15/16 15:12 | 121,2540G | RI |

**Project Name:** GREEN LAKE SEDIMENT SAMPLES
**Project Number:** B0351-016-003
**Lab Number:** L1628841
**Report Date:** 09/20/16

## SAMPLE RESULTS

Lab ID: L1628841-07
Client ID: VOC GRAB #4
Sample Location: STEEL SUN 2 SITE
Matrix: Soil
Date Collected: 09/13/16 11:04
Date Received: 09/13/16
Field Prep: Not Specified

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Date Prepared | Date Analyzed | Analytical Method | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|
| **General Chemistry - Westborough Lab** | | | | | | | | | | |
| Solids, Total | 80.0 | | % | 0.100 | NA | 1 | - | 09/15/16 15:12 | 121,2540G | RI |

**Project Name:** GREEN LAKE SEDIMENT SAMPLES
**Project Number:** B0351-016-003
**Lab Number:** L1628841
**Report Date:** 09/20/16

## SAMPLE RESULTS

Lab ID: L1628841-08
Client ID: VOC GRAB #5
Sample Location: STEEL SUN 2 SITE
Matrix: Soil

Date Collected: 09/13/16 11:07
Date Received: 09/13/16
Field Prep: Not Specified

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Date Prepared | Date Analyzed | Analytical Method | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|
| **General Chemistry - Westborough Lab** | | | | | | | | | | |
| Solids, Total | 80.5 | | % | 0.100 | NA | 1 | - | 09/15/16 15:12 | 121,2540G | RI |

**Project Name:** GREEN LAKE SEDIMENT SAMPLES
**Project Number:** B0351-016-003
**Lab Number:** L1628841
**Report Date:** 09/20/16

## SAMPLE RESULTS

Lab ID: L1628841-09
Client ID: VOC GRAB #6
Sample Location: STEEL SUN 2 SITE
Matrix: Soil
Date Collected: 09/13/16 11:09
Date Received: 09/13/16
Field Prep: Not Specified

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Date Prepared | Date Analyzed | Analytical Method | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|
| **General Chemistry - Westborough Lab** | | | | | | | | | | |
| Solids, Total | 85.2 | | % | 0.100 | NA | 1 | - | 09/15/16 15:12 | 121,2540G | RI |

**Project Name:** GREEN LAKE SEDIMENT SAMPLES
**Project Number:** B0351-016-003
**Lab Number:** L1628841
**Report Date:** 09/20/16

## SAMPLE RESULTS

Lab ID: L1628841-10
Client ID: VOC GRAB #7
Sample Location: STEEL SUN 2 SITE
Matrix: Soil

Date Collected: 09/13/16 11:17
Date Received: 09/13/16
Field Prep: Not Specified

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Date Prepared | Date Analyzed | Analytical Method | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|
| **General Chemistry - Westborough Lab** | | | | | | | | | | |
| Solids, Total | 88.2 | | % | 0.100 | NA | 1 | - | 09/15/16 15:12 | 121,2540G | RI |

**Project Name:** GREEN LAKE SEDIMENT SAMPLES
**Project Number:** B0351-016-003
**Lab Number:** L1628841
**Report Date:** 09/20/16

## SAMPLE RESULTS

Lab ID: L1628841-11
Client ID: VOC GRAB #8
Sample Location: STEEL SUN 2 SITE
Matrix: Soil

Date Collected: 09/13/16 11:15
Date Received: 09/13/16
Field Prep: Not Specified

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Date Prepared | Date Analyzed | Analytical Method | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|
| **General Chemistry - Westborough Lab** | | | | | | | | | | |
| Solids, Total | 89.5 | | % | 0.100 | NA | 1 | - | 09/15/16 15:12 | 121,2540G | RI |

**Project Name:** GREEN LAKE SEDIMENT SAMPLES
**Project Number:** B0351-016-003
**Lab Number:** L1628841
**Report Date:** 09/20/16

## SAMPLE RESULTS

Lab ID: L1628841-12
Client ID: VOC GRAB #9
Sample Location: STEEL SUN 2 SITE
Matrix: Soil

Date Collected: 09/13/16 11:20
Date Received: 09/13/16
Field Prep: Not Specified

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Date Prepared | Date Analyzed | Analytical Method | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|
| **General Chemistry - Westborough Lab** | | | | | | | | | | |
| Solids, Total | 89.8 | | % | 0.100 | NA | 1 | - | 09/15/16 15:12 | 121,2540G | RI |

**Project Name:** GREEN LAKE SEDIMENT SAMPLES
**Project Number:** B0351-016-003
**Lab Number:** L1628841
**Report Date:** 09/20/16

# Method Blank Analysis
## Batch Quality Control

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Date Prepared | Date Analyzed | Analytical Method | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|
| General Chemistry - Westborough Lab for sample(s): 01-03 Batch: WG931925-1 | | | | | | | | | | |
| Cyanide, Total | ND | | mg/kg | 0.94 | 0.16 | 1 | 09/14/16 20:58 | 09/15/16 14:13 | 1,9010C/9012B | JO |

# Lab Control Sample Analysis

## Batch Quality Control

**Project Name:** GREEN LAKE SEDIMENT SAMPLES

**Project Number:** B0351-016-003

**Lab Number:** L1628841

**Report Date:** 09/20/16

| Parameter | LCS %Recovery | Qual | LCSD %Recovery | Qual | %Recovery Limits | RPD | Qual | RPD Limits |
|---|---|---|---|---|---|---|---|---|
| General Chemistry - Westborough Lab Associated sample(s): 01-03 Batch: WG931925-2 WG931925-3 | | | | | | | | |
| Cyanide, Total | 99 | | 104 | | 80-120 | 5 | | 35 |

# Matrix Spike Analysis
## Batch Quality Control

**Project Name:** GREEN LAKE SEDIMENT SAMPLES
**Project Number:** B0351-016-003

**Lab Number:** L1628841
**Report Date:** 09/20/16

| Parameter | Native Sample | MS Added | MS Found | MS %Recovery | Qual | MSD Found | MSD %Recovery | Qual | Recovery Limits | RPD | Qual | RPD Limits |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| General Chemistry - Westborough Lab Associated sample(s): 01-03 QC Batch ID: WG931925-4 WG931925-5 QC Sample: L1628764-01 Client ID: MS Sample | | | | | | | | | | | | |
| Cyanide, Total | ND | 11 | 10 | 92 | | 10 | 97 | | 65-135 | 0 | | 35 |

# Lab Duplicate Analysis
## Batch Quality Control

**Project Name:** GREEN LAKE SEDIMENT SAMPLES
**Project Number:** B0351-016-003

**Lab Number:** L1628841
**Report Date:** 09/20/16

| Parameter | Native Sample | Duplicate Sample | Units | RPD | Qual | RPD Limits |
|---|---|---|---|---|---|---|
| General Chemistry - Westborough Lab Associated sample(s): 01-03 QC Batch ID: WG932046-1 QC Sample: L1628965-01 Client ID: DUP Sample | | | | | | |
| Solids, Total | 95.9 | 95.2 | % | 1 | | 20 |
| General Chemistry - Westborough Lab Associated sample(s): 04-12 QC Batch ID: WG932268-1 QC Sample: L1628944-01 Client ID: DUP Sample | | | | | | |
| Solids, Total | 86.0 | 85.0 | % | 1 | | 20 |

**Project Name:** GREEN LAKE SEDIMENT SAMPLES
**Project Number:** B0351-016-003

**Lab Number:** L1628841
**Report Date:** 09/20/16

## Sample Receipt and Container Information

Were project specific reporting limits specified? YES

**Cooler Information Custody Seal**

| Cooler | |
|---|---|
| A | Absent |

**Container Information**

| Container ID | Container Type | Cooler | pH | Temp deg C | Pres | Seal | Analysis(*) |
|---|---|---|---|---|---|---|---|
| L1628841-01A | Glass 60ml unpreserved split | A | N/A | 4.3 | Y | Absent | BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),NI-TI(180),CU-TI(180),PB-TI(180),SE-TI(180),ZN-TI(180),HG-T(28),MN-TI(180),CD-TI(180) |
| L1628841-01B | Glass 500ml/16oz unpreserved | A | N/A | 4.3 | Y | Absent | NYTCL-8270(14),TCN-9010(14),TS(7),NYTCL-8081(14),NYTCL-8082(14) |
| L1628841-02A | Glass 60ml unpreserved split | A | N/A | 4.3 | Y | Absent | BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),NI-TI(180),CU-TI(180),PB-TI(180),SE-TI(180),ZN-TI(180),HG-T(28),MN-TI(180),CD-TI(180) |
| L1628841-02B | Glass 500ml/16oz unpreserved | A | N/A | 4.3 | Y | Absent | NYTCL-8270(14),TCN-9010(14),TS(7),NYTCL-8081(14),NYTCL-8082(14) |
| L1628841-03A | Glass 60ml unpreserved split | A | N/A | 4.3 | Y | Absent | BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),NI-TI(180),CU-TI(180),PB-TI(180),SE-TI(180),ZN-TI(180),HG-T(28),MN-TI(180),CD-TI(180) |
| L1628841-03B | Glass 500ml/16oz unpreserved | A | N/A | 4.3 | Y | Absent | NYTCL-8270(14),TCN-9010(14),TS(7),NYTCL-8081(14),NYTCL-8082(14) |
| L1628841-04A | Glass 120ml/4oz unpreserved | A | N/A | 4.3 | Y | Absent | TS(7),NYTCL-8260(14) |
| L1628841-04A9 | Vial MeOH preserved split | A | N/A | 4.3 | Y | Absent | NYTCL-8260(14) |
| L1628841-05A | Glass 120ml/4oz unpreserved | A | N/A | 4.3 | Y | Absent | TS(7),NYTCL-8260(14) |
| L1628841-05A9 | Vial MeOH preserved split | A | N/A | 4.3 | Y | Absent | NYTCL-8260(14) |
| L1628841-06A | Glass 120ml/4oz unpreserved | A | N/A | 4.3 | Y | Absent | TS(7),NYTCL-8260(14) |
| L1628841-06A9 | Vial MeOH preserved split | A | N/A | 4.3 | Y | Absent | NYTCL-8260(14) |
| L1628841-07A | Glass 120ml/4oz unpreserved | A | N/A | 4.3 | Y | Absent | TS(7),NYTCL-8260(14) |
| L1628841-07A9 | Vial MeOH preserved split | A | N/A | 4.3 | Y | Absent | NYTCL-8260(14) |
| L1628841-08A | Glass 120ml/4oz unpreserved | A | N/A | 4.3 | Y | Absent | TS(7),NYTCL-8260(14) |
| L1628841-08A9 | Vial MeOH preserved split | A | N/A | 4.3 | Y | Absent | NYTCL-8260(14) |
| L1628841-09A | Glass 120ml/4oz unpreserved | A | N/A | 4.3 | Y | Absent | TS(7),NYTCL-8260(14) |
| L1628841-09A9 | Vial MeOH preserved split | A | N/A | 4.3 | Y | Absent | NYTCL-8260(14) |

*Values in parentheses indicate holding time in days

**Project Name:** GREEN LAKE SEDIMENT SAMPLES
**Project Number:** B0351-016-003

**Lab Number:** L1628841
**Report Date:** 09/20/16

**Container Information**

| Container ID | Container Type | Cooler | pH | Temp deg C | Pres | Seal | Analysis(*) |
|---|---|---|---|---|---|---|---|
| L1628841-10A | Glass 120ml/4oz unpreserved | A | N/A | 4.3 | Y | Absent | TS(7),NYTCL-8260(14) |
| L1628841-10A9 | Vial MeOH preserved split | A | N/A | 4.3 | Y | Absent | NYTCL-8260(14) |
| L1628841-11A | Glass 120ml/4oz unpreserved | A | N/A | 4.3 | Y | Absent | TS(7),NYTCL-8260(14) |
| L1628841-11A9 | Vial MeOH preserved split | A | N/A | 4.3 | Y | Absent | NYTCL-8260(14) |
| L1628841-12A | Glass 120ml/4oz unpreserved | A | N/A | 4.3 | Y | Absent | TS(7),NYTCL-8260(14) |
| L1628841-12A9 | Vial MeOH preserved split | A | N/A | 4.3 | Y | Absent | NYTCL-8260(14) |

*Values in parentheses indicate holding time in days

| | | | |
|---|---|---|---|
| **Project Name:** | GREEN LAKE SEDIMENT SAMPLES | **Lab Number:** | L1628841 |
| **Project Number:** | B0351-016-003 | **Report Date:** | 09/20/16 |

## GLOSSARY

### *Acronyms*

| | |
|---|---|
| EDL | - Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME). |
| EPA | - Environmental Protection Agency. |
| LCS | - Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes. |
| LCSD | - Laboratory Control Sample Duplicate: Refer to LCS. |
| LFB | - Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes. |
| MDL | - Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. |
| MS | - Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. |
| MSD | - Matrix Spike Sample Duplicate: Refer to MS. |
| NA | - Not Applicable. |
| NC | - Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit. |
| NDPA/DPA | - N-Nitrosodiphenylamine/Diphenylamine. |
| NI | - Not Ignitable. |
| NP | - Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil. |
| RL | - Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable. |
| RPD | - Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report. |
| SRM | - Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples. |
| STLP | - Semi-dynamic Tank Leaching Procedure per EPA Method 1315. |
| TIC | - Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations. |

### *Footnotes*

| | |
|---|---|
| 1 | - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method. |

### *Terms*

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

### *Data Qualifiers*

| | |
|---|---|
| **A** | - Spectra identified as "Aldol Condensation Product". |
| **B** | - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the |

*Report Format:* DU Report with 'J' Qualifiers

| | | | |
|---|---|---|---|
| **Project Name:** | GREEN LAKE SEDIMENT SAMPLES | **Lab Number:** | L1628841 |
| **Project Number:** | B0351-016-003 | **Report Date:** | 09/20/16 |

***Data Qualifiers***

reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

**C** - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

**D** - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.

**E** - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

**G** - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

**H** - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

**I** - The lower value for the two columns has been reported due to obvious interference.

**M** - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

**NJ** - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.

**P** - The RPD between the results for the two columns exceeds the method-specified criteria.

**Q** - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

**R** - Analytical results are from sample re-analysis.

**RE** - Analytical results are from sample re-extraction.

**S** - Analytical results are from modified screening analysis.

**J** - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively Identified Compounds (TICs).

**ND** - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

*Report Format:* DU Report with 'J' Qualifiers

| | | | |
|---|---|---|---|
| **Project Name:** | GREEN LAKE SEDIMENT SAMPLES | **Lab Number:** | L1628841 |
| **Project Number:** | B0351-016-003 | **Report Date:** | 09/20/16 |

## REFERENCES


1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - IV, 2007.

121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.


## LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.

# Certification Information

**The following analytes are not included in our Primary NELAP Scope of Accreditation:**

**Westborough Facility**
**EPA 624:** m/p-xylene, o-xylene
**EPA 8260C:** NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene; SCM: Iodomethane (methyl iodide), Methyl methacrylate, 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
**EPA 8270D:** NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
**EPA 300:** DW: Bromide
**EPA 6860:** NPW and SCM: Perchlorate
**EPA 9010:** NPW and SCM: Amenable Cyanide Distillation
**EPA 9012B:** NPW: Total Cyanide
**EPA 9050A:** NPW: Specific Conductance
**SM3500:** NPW: Ferrous Iron
**SM4500**: NPW: Amenable Cyanide, Dissolved Oxygen; SCM: Total Phosphorus, TKN, NO2, NO3.
**SM5310C:** DW: Dissolved Organic Carbon

**Mansfield Facility**
**SM 2540D:** TSS
**EPA 3005A** NPW
**EPA 8082A:** NPW: PCB: 1, 5, 31, 87,101, 110, 141, 151, 153, 180, 183, 187.
**EPA TO-15:** Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
**Biological Tissue Matrix:** ***EPA 3050B***

**The following analytes are included in our Massachusetts DEP Scope of Accreditation**

**Westborough Facility:**

***Drinking Water***
**EPA 300.0**: Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B**
**EPA 332**: Perchlorate; **EPA 524.2:** THMs and VOCs; **EPA 504.1:** EDB, DBCP.
**Microbiology**: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT,SM9222D**.

***Non-Potable Water***
**SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH**, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **SM4500NO3-F, EPA 353.2**: Nitrate-N**, EPA 351.1, SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D.**
**EPA 624**: Volatile Halocarbons & Aromatics,
**EPA 608**: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs
**EPA 625**: SVOC (Acid/Base/Neutral Extractables), **EPA 600/4-81-045**: PCB-Oil.
**Microbiology**: **SM9223B-Colilert-QT; Enterolert-QT, SM9222D-MF**.

**Mansfield Facility:**

***Drinking Water***
**EPA 200.7:** Ba, Be, Cd, Cr, Cu, Ni, Na, Ca. **EPA 200.8:** Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Ni, Se, TL. **EPA 245.1** Hg.

***Non-Potable Water***
**EPA 200.7:** Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.
**EPA 200.8:** Al, Sb, As, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn.
**EPA 245.1** Hg.
**SM2340B**

For a complete listing of analytes and methods, please contact your Alpha Project Manager.

# NEW YORK CHAIN OF CUSTODY

ALPHA ANALYTICAL

Westborough, MA 01581
8 Walkup Dr.
TEL: 508-898-9220
FAX: 508-898-9193

Mansfield, MA 02048
320 Forbes Blvd
TEL: 508-822-9300
FAX: 508-822-3288

**Service Centers**
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page: 1 of 1

Date Rec'd in Lab: 9/14/16

ALPHA Job #: L1628841

## Client Information

Client: Turnkey Env Rest, LLC
Address: 2558 Hamburg Turnpike
Buffalo, NY 14218
Phone: 716-856-0599
Fax: 716-856-0583
Email:

## Project Information

Project Name: Green Lake Sediment Samples
Project Location: Tecumseh
Project #: B0351-016-003
(Use Project name as Project #) ☐
Project Manager: Tom Forbes / Lori Riker
ALPHAQuote #:

## Turn-Around Time

Standard ☑ Due Date:
Rush (only if pre approved) ☐ # of Days:

## Deliverables

☐ ASP-A ☐ ASP-B
☐ EQuIS (1 File) ☐ EQuIS (4 File)
☐ Other

## Regulatory Requirement

☐ NY TOGS ☑ NY Part 375
☐ AWQ Standards ☐ NY CP-51
☐ NY Restricted Use ☐ Other
☐ NY Unrestricted Use
☐ NYC Sewer Discharge

## Billing Information

☑ Same as Client Info
PO # B0351-016-003

## Disposal Site Information

Please identify below location of applicable disposal facilities.
Disposal Facility:
☐ NJ ☐ NY
☐ Other:

These samples have been previously analyzed by Alpha ☐

**Other project specific requirements/comments:** CAT "B" Deliverables

**Please specify Metals or TAL.**

## ANALYSIS

*Sample Filtration*
☐ Done
☐ Lab to do
*Preservation*
☐ Lab to do
*(Please Specify below)*

| ALPHA Lab ID (Lab Use Only) | Sample ID | Collection Date | Collection Time | Sample Matrix | Sampler's Initials | Part 375 SVOCs 8270C | Part 375 Pest/PCBs 8081A / 8082 | Part 375 metals 6010C Excludes mercury | Mercury 7471 | Cyanide 9015 | Part 375 VOCs 8260B | Sample Specific Comments | Total Bottle |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 28841 -01 | Composite #1 | 9/13/16 | 1040 | Soil | RLD | X | X | X | X | X | | | |
| -02 | Composite #2 | " | 1045 | " | " | X | X | X | X | X | | | |
| -03 | Composite #3 | " | 1050 | " | " | X | X | X | X | X | | | |
| -04 | VOC GRAB #1 | " | 1055 | " | " | | | | | | X | | |
| -05 | VOC GRAB #2 | " | 1058 | " | " | | | | | | X | | |
| -06 | VOC GRAB #3 | " | 1101 | " | " | | | | | | X | | |
| -07 | VOC GRAB #4 | " | 1104 | " | " | | | | | | X | | |
| -08 | VOC GRAB #5 | " | 1107 | " | " | | | | | | X | | |
| -09 | VOC GRAB #6 | " | 1109 | " | " | | | | | | X | | |
| -10 | VOC GRAB #7 | " | 1113 | " | " | | | | | | X | | |
| -11 | VOC GRAB #8 | " | 1115 | " | " | | | | | | X | | |
| -12 | VOC GRAB #9 | " | 1120 | " | " | | | | | | X | | |
| | Container Type | | | | | A | A | A | A | A | A | | |
| | Preservative | | | | | A | A | A | A | A | A | | |

Preservative Code:
A = None
B = HCl
C = $HNO_3$
D = $H_2SO_4$
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

Container Code
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

| Relinquished By: | Date/Time | Received By: | Date/Time |
|---|---|---|---|
| AAC | 9/13/16 | AAC | 9/13/16 17:10 |
| AAC | 9/13/16 | | 9/14/16 0040 |

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)

Form No: 01-25 HC (rev. 30-Sept-2013)

# NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

**Division of Materials Management, Region 9**
270 Michigan Avenue, Buffalo, NY 14203-2915
P: (716) 851-7220 I F: (716) 851-7226
www.dec.ny.gov

June 29, 2016

Mr. Thomas Forbes, P.E.
Tecumseh Redevelopment
c/o Turnkey Environmental Restoration, LLC
2558 Hamburg Turnpike
Buffalo, New York 14218

Dear Mr. Forbes:

**BUD No. 1265-9-15**
**Reuse of sediment from Green Lake (Green Lake Dredging Project)**

The New York State Department of Environmental Conservation (Department) has reviewed the June 17, 2016 petition prepared by Turnkey Environmental Restoration, LLC to beneficially use dewatered sediment from Green Lake, located in the Town of Orchard Park, NY in redevelopment of the former Bethlehem Steel property. The Department has determined this use of dewatered sediment to be a beneficial use pursuant to 6 NYCRR Part 360-1.15(d). This beneficial use determination (BUD) is subject to the following conditions:

1. This BUD only applies to 125,000 CY of dewatered sediment from Green Lake, located in Yates Park in the Town of Orchard Park, New York. Review of analytical data representative of this volume of sediment shows the material to be lower than, or, in limited instances, not greatly exceed soil cleanup objectives in 6 NYCRR 375-6.8(b) for residential land use and protection of groundwater; these are benchmarks for materials used under BUDs as grade adjustment fill.

2. This BUD will take effect once the material has been dewatered at the site of generation and loaded onto the trucks destined for Tecumseh property (former Bethlehem Steel property). The material must be transported in DOT-permitted tandem trucks with sealed gates ad covers.

3. Roadways must be maintained within the Tecumseh property in a manner to minimize dust and carry out onto Hamburg Turnpike. Use water, street sweeper, dust palliatives, and paving as appropriate. Material carried out onto Hamburg turnpike must be prevented. If material from the property is carried out onto the public road from property traffic it must be street swept daily as necessary.

4. As noted in the petition the material is slated for placement to approximate 5-foot depth across an approximate 15 acre area in "Slag Fill Zone 1" of the Tecumseh Redevelopment property, addressed as 0 Hamburg Turnpike, Hamburg, New York.

5. At the end of the project submit to the Department a report on the volume of dredged sediment that was beneficially used under the BUD.

6. The Department reserves the right to rescind or modify this BUD at any time, if it finds pursuant to 6 NYCRR 360-1.15(d)(4), that any matter serving as the basis for this BUD is incorrect or no longer valid, or that the Department finds there has been a violation of the condition of this BUD. All administrative protocols in 6 NYCRR Parts 622 and 624 will be followed.

7. This determination will expire one year from the date of this letter.

Please contact Ms. Efrat Scharf Forgette of my staff at (716) 851-7220 is you have any questions.

Sincerely,

Efrat Scharf Forgette

Peter Grasso, P.E.
Regional Materials Management Engineer

cc: Mr. James Strickland, P.E., Regional Engineer
Ms. Kathleen Prather, P.E., Beneficial Use, Medical Waste & Inactive Landfills, Albany
Mr. John Zoladz, Zoladz Construction Company, Inc.

**NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION**

**Division of Environmental Remediation, Region 9**
270 Michigan Avenue, Buffalo, NY 14203-2915
P: (716) 851-7220 I F: (716) 851-7226
www.dec.ny.gov

September 26, 2016

Ms. Lori E. Riker, P.E.
Benchmark Environmental Engineering & Sciences
2558 Hamburg Turnpike
Buffalo, NY 14218

Dear Ms. Riker:

Tecumseh Phase III-3 & III-4 Business Park Sites
Site Nos. C915199C & C915199D,
Lackawanna (c), Erie County

The Department in has reviewed the submittal entitled "Request to Import Soils for Cover System Tecumseh BCP Site III-3, Lackawanna, New York" dated September 14, 2016.

The request is approved.

Please note that the approved 1,200 yards of sediment under BUD No.1265-9-15 was only requested for re-use on III-3. Previously approved sand for use on III-3 & III-4 required amendment with other soils to support growth, prevent aeolian dispersion and erosion. It is appropriate for these soils to serve that purpose, therefore, this approval extends for re-use on III-4 as well.

Thank you for your request and continuing attention to these matters. If you have any questions, please contact me at the above or at **mfmoore@gw.dec.state.ny.us.**

Sincerely,

Maurice F. Moore.
Engineering Geologist 1
Division of Environmental Remediation
Region 9

MFM/tm

Electronic copy:

T. Forbes, Benchmark/TurnKey
C. Staniszewski, P.E. NYSDEC
Matt Forcucci, NYSDOH

CUSTOMER'S COPY

SPRINGVILLE GRAVEL

Gernatt

13870 TAYLOR HOLLOW ROAD - COLLINS, NY 14034

www.gernatt.com
OFFICE PHONE
(716) 532-3371
(716) 532-9000 FAX

Ticket #: 3049002
Date: 11/08/16
Time: 06:22 AM

*** Delivery ***

CUSTOMER INFORMATION

ID: BEN01
Name: BENCHMARK ENVIRONMENTAL
Address: 2558 HAMBURG TURNPIKE
BUFFALO, NY 14218

JOB INFORMATION

ID: BEN0101 PO#:
Name: 2016 RIDGE RD GATE, LACKAWANNA
Address:

Phone: Phase: 3I

Truck and Carrier Information

Truck ID: GE~~0~~74 LIC:
Descript: GERNATT TRUCK
Carrier ID:GEP07
Name: GERNATT ASPHALT PRODUCTS,

Truck Weights

| | Gross | Tare | Net |
|---|---|---|---|
| | 0*lb | 0*lb | 0 lb |
| | 0.000*TN | 0.000*TN | 0.000 TN |
| | 0.000*Mg | 0.000*Mg | 0.000 Mg |

* = Manual Weight

Weighmaster: HANNAH EBERT

PRODUCT AND LOAD TOTALS

ID: 31444 2/TODAY
Name: CR #3&#4 GRAVEL- PAII 0.000TN
JMF#: M6
Pile #:

25.85

Driver: Art Received By: Delivered Load Total: 0

**A FINANCE CHARGE OF 1½% PER MONTH (18% PER ANNUAL)** ($1.00 Minimum Service Fee) will be charged on amounts not paid within normal terms. Acceptance of delivery constitutes acceptance of these terms.

Our trucking responsibility ends at the curb. A charge will be made for holding truck on the job for over 20 minutes.

| | |
|---|---|
| ARV. JOB | |
| LEFT JOB | |

**WARNING:** Hot mix asphalt may release hydrogen sulfide ($H_2S$) which can be toxic in large concentrations. Avoid breathing fumes unnecessarily. Contact with hot asphalt can produce burns. Avoid contact with skin.

CUSTOMER'S COPY

SPRINGVILLE GRAVEL




13870 TAYLOR HOLLOW ROAD - COLLINS, NY 14034

www.gernatt.com
OFFICE PHONE
(716) 532-3371
(716) 532-9000 FAX

Ticket #: 3049084
Date: 11/08/16
Time: 06:22 AM

*** Delivery ***

## CUSTOMER INFORMATION

ID: BENAI
Name: BENCHMARK ENVIRONMENTAL
Address: 2558 HAMBURG TURNPIKE
BUFFALO, NY 14218

## JOB INFORMATION

ID: BEN0101 PO#:
Name: 2016 RIDGE RD GATE, LACKAWANNA
Address:

Phone: Phase: 31

## Truck and Carrier Information

Truck ID: 6E~~07~~74 LIC:
Descript: GERNATT TRUCK
Carrier ID: GER07
Name: GERNATT ASPHALT PRODUCTS,

## Truck Weights

| | Gross | Tare | Net |
|---|---|---|---|
| | 0*lb | 0*lb | 0 lb |
| | 0.000*TN | 0.000*TN | 0.000 TN |
| | 0.000*Mg | 0.000*Mg | 0.000 Mg |

* = Manual Weight

Weighmaster: HANNAH EBERT

## PRODUCT AND LOAD TOTALS

| ID: | 31444 | 4/TODAY |
|---|---|---|
| Name: | CR #3&4 GRAVEL - PAR | 0.000TN |
| JMF#: | | MG |
| Pile #: | | |

25.48

Driver: Art Received By: Delivered Load Total: 0

**A FINANCE CHARGE OF 1½% PER MONTH (18% PER ANNUAL)** ($1.00 Minimum Service Fee) will be charged on amounts not paid within normal terms. Acceptance of delivery constitutes acceptance of these terms.

Our trucking responsibility ends at the curb. A charge will be made for holding truck on the job for over 20 minutes.

ARV. JOB
LEFT JOB

**WARNING:** Hot mix asphalt may release hydrogen sulfide ($H_2S$) which can be toxic in large concentrations. Avoid breathing fumes unnecessarily. Contact with hot asphalt can produce burns. Avoid contact with skin.

CUSTOMER'S COPY

SPRINGVILLE GRAVEL

# Gernatt

13870 TAYLOR HOLLOW ROAD - COLLINS, NY 14034

www.gernatt.com
OFFICE PHONE
(716) 532-3371
(716) 532-9000 FAX

Ticket #: 3049005
Date: 11/08/16
Time: 06:22 AM

*** Delivery ***

## CUSTOMER INFORMATION

ID: BEN01
Name: BENCHMARK ENVIRONMENTAL
Address: 2558 HAMBURG TURNPIKE
BUFFALO, NY 14218

## JOB INFORMATION

ID: BEN0101 PO#:
Name: 2016 RIDGE RD GATE, LACKAWANNA
Address:

Phone: Phase: 31

## Truck and Carrier Information

Truck ID: GE~~00~~84 LIC:
Descript: GERNATT TRUCK
Carrier ID: GER07
Name: GERNATT ASPHALT PRODUCTS,

## Truck Weights

| | Gross | Tare | Net |
|---|---|---|---|
| | 0*lb | 0*lb | 0 lb |
| | 0.000*TN | 0.000*TN | 0.000 TN |
| | 0.000*Mg | 0.000*Mg | 0.000 Mg |

* = Manual Weight

Weighmaster: HANNAH EBERT

## PRODUCT AND LOAD TOTALS

| ID: 31444 | 5/TODAY |
|---|---|
| Name: CR #3&#4 GRAVEL - PA# | 0.000TN |
| JMF#: | MG |
| Pile #: | |

23.58

Driver: Mark Received By: Delivered Load Total: 0

**A FINANCE CHARGE OF 1½% PER MONTH (18% PER ANNUAL)** ($1.00 Minimum Service Fee) will be charged on amounts not paid within normal terms. Acceptance of delivery constitutes acceptance of these terms.

Our trucking responsibility ends at the curb. A charge will be made for holding truck on the job for over 20 minutes.

ARV. JOB 1131
LEFT JOB

**WARNING:** Hot mix asphalt may release hydrogen sulfide ($H_2S$) which can be toxic in large concentrations. Avoid breathing fumes unnecessarily. Contact with hot asphalt can produce burns. Avoid contact with skin.

CUSTOMER'S COPY

SPRINGVILLE GRAVEL

# Gernatt

13870 TAYLOR HOLLOW ROAD - COLLINS, NY 14034

www.gernatt.com
OFFICE PHONE
(716) 532-3371
(716) 532-9000 FAX

Ticket #: 3049003
Date: 11/08/16
Time: 06:22 AM

*** Delivery ***

## CUSTOMER INFORMATION

ID: BEN01
Name: BENCHMARK ENVIRONMENTAL
Address: 2558 HAMBURG TURNPIKE
BUFFALO, NY 14218

## JOB INFORMATION

ID: BEN0101 PO#:
Name: 2016 RIDGE RD GATE, LACKAWANNA
Address:

Phone: Phase: 31

## Truck and Carrier Information

Truck ID: GE0084 LIC:
Descript: GERNATT TRUCK
Carrier ID: GER07
Name: GERNATT ASPHALT PRODUCTS,

## Truck Weights

| | Gross | Tare | Net |
|---|---|---|---|
| | 0*lb | 0*lb | 0 lb |
| | 0.000*TN | 0.000*TN | 0.000 TN |
| | 0.000*Mg | 0.000*Mg | 0.000 Mg |

* = Manual Weight

Weighmaster: HANNAH EBERT

## PRODUCT AND LOAD TOTALS

| | | 3/TODAY |
|---|---|---|
| ID: | 31444 | |
| Name: | CR #3&#4 GRAVEL - PA# | 0.000TN |
| JMF#: | | MG |
| Pile #: | | |

21.95

Driver: Mark Received By: _____ Delivered Load Total: 0

**A FINANCE CHARGE OF 1½% PER MONTH (18% PER ANNUAL)** ($1.00 Minimum Service Fee) will be charged on amounts not paid within normal terms. Acceptance of delivery constitutes acceptance of these terms.

Our trucking responsibility ends at the curb. A charge will be made for holding truck on the job for over 20 minutes.

ARV. JOB 948
LEFT JOB 954

**WARNING:** Hot mix asphalt may release hydrogen sulfide ($H_2S$) which can be toxic in large concentrations. Avoid breathing fumes unnecessarily. Contact with hot asphalt can produce burns. Avoid contact with skin.

CUSTOMER'S COPY

SPRINGVILLE GRAVEL

# Gernatt

13870 TAYLOR HOLLOW ROAD - COLLINS, NY 14034

www.gernatt.com
OFFICE PHONE
(716) 532-3371
(716) 532-9000 FAX

Ticket #: 3043201
Date: 11/08/16
Time: 06:22 AM

*** Delivery ***

## CUSTOMER INFORMATION

ID: BEN01
Name: BENCHMARK ENVIRONMENTAL
Address: 2558 HAMBURG TURNPIKE
BUFFALO, NY 14218

## JOB INFORMATION

ID: BEN0101 PO#:
Name: 2016 RIDGE RD GATE, LACKAWANNA
Address:

Phone:

Phase: 31

## Truck and Carrier Information

Truck ID: GE~~84~~ LIC:
Descript: GERNATT TRUCK
Carrier ID: GER07
Name: GERNATT ASPHALT PRODUCTS,

## Truck Weights

| | Gross | Tare | Net |
|---|---|---|---|
| | 0 lb | 0 lb | 0 lb |
| | 0.000 TN | 0.000 TN | 0.000 TN |
| | 0.000 Mg | 0.000 Mg | 0.000 Mg |

* = Manual Weight

Weighmaster: HANNAH EBERT

## PRODUCT AND LOAD TOTALS

| | 1/TODAY |
|---|---|
| ID: 31444 | |
| Name: CR #3&#4 GRAVEL - PA# | 0.000TN |
| JMF#: | MG |
| Pile #: | |

22.76

Driver: Mark Received By: Delivered Load Total: 0

**A FINANCE CHARGE OF 1½% PER MONTH (18% PER ANNUAL)** ($1.00 Minimum Service Fee) will be charged on amounts not paid within normal terms. Acceptance of delivery constitutes acceptance of these terms.

Our trucking responsibility ends at the curb. A charge will be made for holding truck on the job for over 20 minutes.

ARV. JOB 755
LEFT JOB 804

**WARNING:** Hot mix asphalt may release hydrogen sulfide ($H_2S$) which can be toxic in large concentrations. Avoid breathing fumes unnecessarily. Contact with hot asphalt can produce burns. Avoid contact with skin.

# APPENDIX E

## CAMP FIELD DATA SHEETS & AIR MONITORING DATA

BENCHMARK Environmental Engineering & Science, PLLC

# COMMUNITY AIR MONITORING DAILY LOG

Date: 09/15/16
Project: Tecumseh BP PARCEL III-4
Job No.: 0261-016-001
Client: Steel Sun 2

LOCATION of ACTIVITIES/MONITORING STATIONS (Provide Sketch on Attached Map): BP III-2, 3, 4

DESCRIPTION OF SITE ACTIVITIES: clearing & grubbing III-3, 2, 4
placing slag N/side Building (ELEC STONES)
Key-in trenching by RR/AIRPORT (W. side site)

| WEATHER CONDITIONS: | A.M. | P.M. |
|---|---|---|
| Time of Day: | | |
| Ambient Air Temp.: | 52 | 70 |
| Wind Direction: | ENE | ENE |
| Wind Speed: | 6 | 14 |
| Precipitation: | — | — |

| PARTICULATE MONITORING | Location | Time | Value | Duration | Corrective Measures Taken (Eng Controls/Work Stoppage, etc.) |
|---|---|---|---|---|---|
| Exceedence of 100 ug/m3 [1] | N/A | — | | | |
| | | | | | |
| | | | | | |
| Exceedence of 150 ug/m3 [1] | | | | | |
| | | | | | |
| Visual Observation of Fugitive Dust | | | NA | | |
| | | | NA | | |
| | | | NA | | |

| VOC MONITORING | Location | Time | Value | Duration | Corrective Measures Taken (Eng Controls/Work Stoppage, etc.) |
|---|---|---|---|---|---|
| Exceedence of 5 ppm [1] | N/A | — | | | Temporarily halt Work and continue monitoring |
| | | | | | |
| | | | | | |
| Reading of 5 to 25 ppm [1] | | | | | Temporarily halt Work, abate emissions with corrective actions and continue monitoring [3] |
| | | | | | |
| Exceedence of 25 ppm [2] | | | | | Shut Down Work Immediately and notify Site Safety & Health Officer |

1. Above background for 15 minute moving average.
2. Above background at Site perimeter (indicate location on attached sketch)
3. Work may resume when total VOC conc. 200 ft downwind or half the distance to nearest receptor (whicever is less) is below 5 ppm for 15 min.

NOTE: All exceedences are to be reported to Benchmark within 15 minutes.

Prepared By: [signature] Date: 09/15/16
Checked By: Date:

BENCHMARK Environmental Engineering & Science, PLLC

# COMMUNITY AIR MONITORING DAILY LOG

Date: 09/16/16
Project: Tecumseh BP PARCEL III-4
Job No.: 0261-016-001
Client: Steel Sun 2

LOCATION of ACTIVITIES/MONITORING STATIONS (Provide Sketch on Attached Map): BP-III

DESCRIPTION OF SITE ACTIVITIES: III-3 Clear + grub
Placing step S/SIDE BLDG.
Placing sand N/SIDE BLDG.

WEATHER CONDITIONS:

| Time of Day: | A.M. | P.M. |
|---|---|---|
| Ambient Air Temp.: | 52 | 80 |
| Wind Direction: | SSE | SSE |
| Wind Speed: | 7 | 15 |
| Precipitation: | — | — |

| PARTICULATE MONITORING | Location | Time | Value | Duration | Corrective Measures Taken (Eng Controls/Work Stoppage, etc.) |
|---|---|---|---|---|---|
| Exceedence of 100 ug/m3 [1] | N/A | — | | | |
| | | | | | |
| | | | | | |
| Exceedence of 150 ug/m3 [1] | | | | | |
| | | | | | |
| Visual Observation of Fugitive Dust | | | NA | | |
| | | | NA | | |
| | | | NA | | |

| VOC MONITORING | Location | Time | Value | Duration | Corrective Measures Taken (Eng Controls/Work Stoppage, etc.) |
|---|---|---|---|---|---|
| Exceedence of 5 ppm [1] | N/A | — | | | Temporarily halt Work and continue monitoring |
| | | | | | |
| | | | | | |
| Reading of 5 to 25 ppm [1] | | | | | Temporarily halt Work, abate emissions with corrective actions and continue monitoring [3] |
| | | | | | |
| Exceedence of 25 ppm [2] | | | | | Shut Down Work Immediately and notify Site Safety & Health Officer |

1. Above background for 15 minute moving average.
2. Above background at Site perimeter (indicate location on attached sketch)
3. Work may resume when total VOC conc. 200 ft downwind or half the distance to nearest receptor (whicever is less) is below 5 ppm for 15 min.

NOTE: All exceedences are to be reported to Benchmark within 15 minutes.

Prepared By: [signature] Date: 09/16/16
Checked By: Date:

BENCHMARK Environmental Engineering & Science, PLLC

# COMMUNITY AIR MONITORING DAILY LOG

Date: 09/19/16
Project: Tecumseh BP PARCEL III-4
Job No.: 0261-016-001
Client: Steel Sun 2

WEATHER CONDITIONS:

| Time of Day: | A.M. | P.M. |
|---|---|---|
| Ambient Air Temp.: | 64 | 80 |
| Wind Direction: | SSW | W |
| Wind Speed: | 6 | 10 |
| Precipitation: | — | — |

LOCATION of ACTIVITIES/MONITORING STATIONS (Provide Sketch on Attached Map): BP - III - 2, 3, 4

DESCRIPTION OF SITE ACTIVITIES: Clear & grub III-2, 3
Placing slag S/SIDE BLDG. Busted Concrete III-4
Placing sand N/SIDE BLDG.

| PARTICULATE MONITORING | Location | Time | Value | Duration | Corrective Measures Taken (Eng Controls/Work Stoppage, etc.) |
|---|---|---|---|---|---|
| Exceedence of 100 ug/m3 [1] | N/A | — | | | |
| | | | | | |
| | | | | | |
| Exceedence of 150 ug/m3 [1] | | | | | |
| | | | | | |
| Visual Observation of Fugitive Dust | | | NA | | |
| | | | NA | | |
| | | | NA | | |

| VOC MONITORING | Location | Time | Value | Duration | Corrective Measures Taken (Eng Controls/Work Stoppage, etc.) |
|---|---|---|---|---|---|
| Exceedence of 5 ppm [1] | N/A | — | | | Temporarily halt Work and continue monitoring |
| | | | | | |
| | | | | | |
| Reading of 5 to 25 ppm [1] | | | | | Temporarily halt Work, abate emissions with corrective actions and continue monitoring [3] |
| | | | | | |
| Exceedence of 25 ppm [2] | | | | | Shut Down Work Immediately and notify Site Safety & Health Officer |

1. Above background for 15 minute moving average.
2. Above background at Site perimeter (indicate location on attached sketch)
3. Work may resume when total VOC conc. 200 ft downwind or half the distance to nearest receptor (whicever is less) is below 5 ppm for 15 min.

NOTE: All exceedences are to be reported to Benchmark within 15 minutes.

Prepared By: [signature] Date: 09/19/16
Checked By: Date:

BENCHMARK
Environmental Engineering & Science, PLLC

# COMMUNITY AIR MONITORING DAILY LOG

Date: 09/20/16
Project: Tecumseh BP PARCEL III-4
Job No.: 0261-016-001
Client: Steel Sun 2

LOCATION of ACTIVITIES/MONITORING STATIONS (Provide Sketch on Attached Map): BP III - 2, 3, 4

DESCRIPTION OF SITE ACTIVITIES: III-2,3 Clear & grubbing, hauling RR TIES
III-4 Subgrade prep, haul & place slag - East of utility Parcel.

WEATHER CONDITIONS:

| Time of Day: | A.M. | P.M. |
|---|---|---|
| Ambient Air Temp.: | 60 | 79 |
| Wind Direction: | SSW | SSW |
| Wind Speed: | 8 | 15 |
| Precipitation: | — | — |

| PARTICULATE MONITORING | Location | Time | Value | Duration | Corrective Measures Taken (Eng Controls/Work Stoppage, etc.) |
|---|---|---|---|---|---|
| Exceedence of 100 ug/m3 [1] | N/A | - | | | |
| | | | | | |
| | | | | | |
| Exceedence of 150 ug/m3 [1] | | | | | |
| | | | | | |
| Visual Observation of Fugitive Dust | | | NA | | |
| | | | NA | | |
| | | | NA | | |

| VOC MONITORING | Location | Time | Value | Duration | Corrective Measures Taken (Eng Controls/Work Stoppage, etc.) |
|---|---|---|---|---|---|
| Exceedence of 5 ppm [1] | N/A | - | | | Temporarily halt Work and continue monitoring |
| | | | | | |
| | | | | | |
| Reading of 5 to 25 ppm [1] | | | | | Temporarily halt Work, abate emissions with corrective actions and continue monitoring [3] |
| | | | | | |
| Exceedence of 25 ppm [2] | | | | | Shut Down Work Immediately and notify Site Safety & Health Officer |

1. Above background for 15 minute moving average.
2. Above background at Site perimeter (indicate location on attached sketch)
3. Work may resume when total VOC conc. 200 ft downwind or half the distance to nearest receptor (whicever is less) is below 5 ppm for 15 min.

NOTE: All exceedences are to be reported to Benchmark within 15 minutes.

Prepared By: [signature] Date: 09/20/16
Checked By: Date:

BENCHMARK
Environmental Engineering & Science, PLLC

# COMMUNITY AIR MONITORING DAILY LOG

Date: 09/21/16
Project: Tecumseh BP PARCEL III-4
Job No.: 0261-016-001
Client: Steel Sun 2

LOCATION of ACTIVITIES/MONITORING STATIONS (Provide Sketch on Attached Map): BP-~~III~~ 2, 3, 4

DESCRIPTION OF SITE ACTIVITIES: BP- 2, 3 subgrade Prep
BP-4 - Haul & place slag Northwest area main parcel
Haul & place sand Northwest side BLDG.

WEATHER CONDITIONS:

| Time of Day: | A.M. | P.M. |
|---|---|---|
| Ambient Air Temp.: | 58 | 82 |
| Wind Direction: | SE | SE |
| Wind Speed: | 5 | 8 |
| Precipitation: | — | — |

| PARTICULATE MONITORING | Location | Time | Value | Duration | Corrective Measures Taken (Eng Controls/Work Stoppage, etc.) |
|---|---|---|---|---|---|
| Exceedence of 100 ug/m3 [1] | N/A | — | | | watered roads periodically |
| | | | | | |
| | | | | | |
| Exceedence of 150 ug/m3 [1] | | | | | |
| | | | | | |
| Visual Observation of Fugitive Dust | | | NA | | |
| | | | NA | | |
| | | | NA | | |

| VOC MONITORING | Location | Time | Value | Duration | Corrective Measures Taken (Eng Controls/Work Stoppage, etc.) |
|---|---|---|---|---|---|
| Exceedence of 5 ppm [1] | N/A | — | | | Temporarily halt Work and continue monitoring |
| | | | | | |
| | | | | | |
| Reading of 5 to 25 ppm [1] | | | | | Temporarily halt Work, abate emissions with corrective actions and continue monitoring [3] |
| | | | | | |
| Exceedence of 25 ppm [2] | | | | | Shut Down Work Immediately and notify Site Safety & Health Officer |

1. Above background for 15 minute moving average.
2. Above background at Site perimeter (indicate location on attached sketch)
3. Work may resume when total VOC conc. 200 ft downwind or half the distance to nearest receptor (whicever is less) is below 5 ppm for 15 min.

NOTE: All exceedences are to be reported to Benchmark within 15 minutes.

Prepared By: [signature] Date: 09/21/16
Checked By: Date:

BENCHMARK Environmental Engineering & Science, PLLC

# COMMUNITY AIR MONITORING DAILY LOG

Date: 09/22/16
Project: Tecumseh BP PARCEL III-4
Job No.: 0261-016-001
Client: Steel Sun 2

LOCATION of ACTIVITIES/MONITORING STATIONS (Provide Sketch on Attached Map): BP-III-2,3,4

DESCRIPTION OF SITE ACTIVITIES: BP III-4 Haul & place slag - Northern & mid section main parcel
III-2,3 Subgrade prep Haul & place sand N & W of Bldg. rolled subgrades

WEATHER CONDITIONS:

| Time of Day: | A.M. | P.M. |
|---|---|---|
| Ambient Air Temp.: | 61 | 81 |
| Wind Direction: | SSW | SSW |
| Wind Speed: | 8 | 15 |
| Precipitation: | — | — |

| PARTICULATE MONITORING | Location | Time | Value | Duration | Corrective Measures Taken (Eng Controls/Work Stoppage, etc.) |
|---|---|---|---|---|---|
| Exceedence of 100 ug/m3 [1] | N/A | — | | | water truck on roads periodically |
| | | | | | |
| | | | | | |
| Exceedence of 150 ug/m3 [1] | | | | | |
| | | | | | |
| Visual Observation of Fugitive Dust | | | NA | | |
| | | | NA | | |
| | | | NA | | |

| VOC MONITORING | Location | Time | Value | Duration | Corrective Measures Taken (Eng Controls/Work Stoppage, etc.) |
|---|---|---|---|---|---|
| Exceedence of 5 ppm [1] | N/A | | | | Temporarily halt Work and continue monitoring |
| | | | | | |
| | | | | | |
| Reading of 5 to 25 ppm [1] | | | | | Temporarily halt Work, abate emissions with corrective actions and continue monitoring [3] |
| | | | | | |
| Exceedence of 25 ppm [2] | | | | | Shut Down Work Immediately and notify Site Safety & Health Officer |

1. Above background for 15 minute moving average.
2. Above background at Site perimeter (indicate location on attached sketch)
3. Work may resume when total VOC conc. 200 ft downwind or half the distance to nearest receptor (whicever is less) is below 5 ppm for 15 min.

NOTE: All exceedences are to be reported to Benchmark within 15 minutes.

Prepared By: 09/22/16 Date:
Checked By: Date:

BENCHMARK
Environmental Engineering & Science, PLLC

# COMMUNITY AIR MONITORING DAILY LOG

Date: 09/23/16
Project: Tecumseh BP PARCEL III-4
Job No.: 0261-016-001
Client: Steel Sun 2

WEATHER CONDITIONS:

| Time of Day: | A.M. | P.M. |
|---|---|---|
| Ambient Air Temp.: | 60 | 74 |
| Wind Direction: | NE | NE |
| Wind Speed: | 9 | 18 |
| Precipitation: | T | — |

LOCATION of ACTIVITIES/MONITORING STATIONS (Provide Sketch on Attached Map): BP-III-2,3 start placing slag Western end III-2 → eastward

DESCRIPTION OF SITE ACTIVITIES: III-4 grading slag exposing concrete walls for slag fire-in on site.

| PARTICULATE MONITORING | Location | Time | Value | Duration | Corrective Measures Taken (Eng Controls/Work Stoppage, etc.) |
|---|---|---|---|---|---|
| Exceedence of 100 ug/m3 [1] | N/A | — | | | watering roads as needed |
| | | | | | |
| | | | | | |
| Exceedence of 150 ug/m3 [1] | | | | | |
| | | | | | |
| Visual Observation of Fugitive Dust | | | NA | | |
| | | | NA | | |
| | | | NA | | |

| VOC MONITORING | Location | Time | Value | Duration | Corrective Measures Taken (Eng Controls/Work Stoppage, etc.) |
|---|---|---|---|---|---|
| Exceedence of 5 ppm [1] | N/A | — | | | Temporarily halt Work and continue monitoring |
| | | | | | |
| | | | | | |
| Reading of 5 to 25 ppm [1] | | | | | Temporarily halt Work, abate emissions with corrective actions and continue monitoring [3] |
| | | | | | |
| Exceedence of 25 ppm [2] | | | | | Shut Down Work Immediately and notify Site Safety & Health Officer |

1. Above background for 15 minute moving average.
2. Above background at Site perimeter (indicate location on attached sketch)
3. Work may resume when total VOC conc. 200 ft downwind or half the distance to nearest receptor (whicever is less) is below 5 ppm for 15 min.

NOTE: All exceedences are to be reported to Benchmark within 15 minutes.

Prepared By: [signature] Date: 9/23/16
Checked By: Date:

BENCHMARK Environmental Engineering & Science, PLLC

# COMMUNITY AIR MONITORING DAILY LOG

Date: 09/24/16
Project: Tecumseh BP PARCEL III-4
Job No.: 0261-016-001
Client: Steel Sun 2

WEATHER CONDITIONS:

| Time of Day: | A.M. | P.M. |
|---|---|---|
| Ambient Air Temp.: | 49 | 65 |
| Wind Direction: | NE | NE |
| Wind Speed: | 6 | 10 |
| Precipitation: | — | — |

LOCATION of ACTIVITIES/MONITORING STATIONS (Provide Sketch on Attached Map): BP-III, 2, 3, 4

DESCRIPTION OF SITE ACTIVITIES: ~~BP-III-4~~ hauled & placed Stg in Northeastern quadrant parcel
BP-~~III~~-2,3 excavating & exposing concrete pads on site

| PARTICULATE MONITORING | Location | Time | Value | Duration | Corrective Measures Taken (Eng Controls/Work Stoppage, etc.) |
|---|---|---|---|---|---|
| Exceedence of 100 ug/m3 [1] | ~~BP-III-4~~ | 1025 | 125± | <1hr | watered haul roads in Am due to excessive dust and proximity of camp monitor to haul road - OK |
| | | | | | |
| Exceedence of 150 ug/m3 [1] | | | | | |
| | | | | | |
| Visual Observation of Fugitive Dust | | | NA | | |
| | | | NA | | |
| | | | NA | | |

| VOC MONITORING | Location | Time | Value | Duration | Corrective Measures Taken (Eng Controls/Work Stoppage, etc.) |
|---|---|---|---|---|---|
| Exceedence of 5 ppm [1] | | | | | Temporarily halt Work and continue monitoring |
| | | | | | |
| | | | | | |
| Reading of 5 to 25 ppm [1] | | | | | Temporarily halt Work, abate emissions with corrective actions and continue monitoring [3] |
| | | | | | |
| Exceedence of 25 ppm [2] | | | | | Shut Down Work Immediately and notify Site Safety & Health Officer |

1. Above background for 15 minute moving average.
2. Above background at Site perimeter (indicate location on attached sketch)
3. Work may resume when total VOC conc. 200 ft downwind or half the distance to nearest receptor (whicever is less) is below 5 ppm for 15 min.

NOTE: All exceedences are to be reported to Benchmark within 15 minutes.

Prepared By: [signature] Date: 09/24/16
Checked By: Date:

BENCHMARK Environmental Engineering & Science, PLLC

# COMMUNITY AIR MONITORING DAILY LOG

Date: 09/26/16
Project: Tecumseh BP PARCEL III-4
Job No.: 0261-016-001
Client: Steel Sun 2

WEATHER CONDITIONS:

| Time of Day: | A.M. | P.M. |
|---|---|---|
| Ambient Air Temp.: | 53 | 71 |
| Wind Direction: | SSW | SSW |
| Wind Speed: | 9 | 23 |
| Precipitation: | | 0.44 |

LOCATION of ACTIVITIES/MONITORING STATIONS (Provide Sketch on Attached Map): BP-III-4 - grading slag excavating key-in trench along road S/side Bldg. 4

DESCRIPTION OF SITE ACTIVITIES: III-2,3 haul + place slag along roadway toward east 'S' curve grinding Trees + brush.

| PARTICULATE MONITORING | Location | Time | Value | Duration | Corrective Measures Taken (Eng Controls/Work Stoppage, etc.) |
|---|---|---|---|---|---|
| Exceedence of 100 ug/m3 [1] | N/A | — | | | ROADS watered 2x during Am. (RAIN During day) |
| | | | | | |
| | | | | | |
| Exceedence of 150 ug/m3 [1] | | | | | |
| | | | | | |
| Visual Observation of Fugitive Dust | | | NA | | |
| | | | NA | | |
| | | | NA | | |

| VOC MONITORING | Location | Time | Value | Duration | Corrective Measures Taken (Eng Controls/Work Stoppage, etc.) |
|---|---|---|---|---|---|
| Exceedence of 5 ppm [1] | N/A | — | | | Temporarily halt Work and continue monitoring |
| | | | | | |
| | | | | | |
| Reading of 5 to 25 ppm [1] | | | | | Temporarily halt Work, abate emissions with corrective actions and continue monitoring [3] |
| | | | | | |
| Exceedence of 25 ppm [2] | | | | | Shut Down Work Immediately and notify Site Safety & Health Officer |

1. Above background for 15 minute moving average.
2. Above background at Site perimeter (indicate location on attached sketch)
3. Work may resume when total VOC conc. 200 ft downwind or half the distance to nearest receptor (whicever is less) is below 5 ppm for 15 min.

NOTE: All exceedences are to be reported to Benchmark within 15 minutes.

Prepared By: [signature] Date: 9/26/16
Checked By: Date:

BENCHMARK Environmental Engineering & Science, PLLC

# COMMUNITY AIR MONITORING DAILY LOG

Date: 09/27/16
Project: Tecumseh BP PARCEL III-4
Job No.: 0261-016-001
Client: Steel Sun 2

WEATHER CONDITIONS:

| Time of Day: | A.M. | P.M. |
|---|---|---|
| Ambient Air Temp.: | 55 | 70 |
| Wind Direction: | SSW | SSW |
| Wind Speed: | 11 | 25 |
| Precipitation: | | 0.24 |

LOCATION of ACTIVITIES/MONITORING STATIONS (Provide Sketch on Attached Map): BP ~~#~~ 2, 3, 4

DESCRIPTION OF SITE ACTIVITIES: ~~#~~ III-4 placing import slag on southeast area site (BPM) hauling spoils to low area from key-in trenching
~~#~~ 2,3. placed import slag (BPM) grinding & hauling brush/trees mulched

| PARTICULATE MONITORING | Location | Time | Value | Duration | Corrective Measures Taken (Eng Controls/Work Stoppage, etc.) |
|---|---|---|---|---|---|
| Exceedence of 100 ug/m3 [1] | N/A — | | | | periodically watered haul roads. |
| | | | | | |
| | | | | | |
| Exceedence of 150 ug/m3 [1] | | | | | |
| | | | | | |
| Visual Observation of Fugitive Dust | | | NA | | |
| | | | NA | | |
| | | | NA | | |

| VOC MONITORING | Location | Time | Value | Duration | Corrective Measures Taken (Eng Controls/Work Stoppage, etc.) |
|---|---|---|---|---|---|
| Exceedence of 5 ppm [1] | N/A — | | | | Temporarily halt Work and continue monitoring |
| | | | | | |
| | | | | | |
| Reading of 5 to 25 ppm [1] | | | | | Temporarily halt Work, abate emissions with corrective actions and continue monitoring [3] |
| | | | | | |
| Exceedence of 25 ppm [2] | | | | | Shut Down Work Immediately and notify Site Safety & Health Officer |

1. Above background for 15 minute moving average.
2. Above background at Site perimeter (indicate location on attached sketch)
3. Work may resume when total VOC conc. 200 ft downwind or half the distance to nearest receptor (whicever is less) is below 5 ppm for 15 min.

NOTE: All exceedences are to be reported to Benchmark within 15 minutes.

Prepared By: [signature] Date: 09/27/16
Checked By: Date:

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# COMMUNITY AIR MONITORING DAILY LOG

Date: 9/28/16
Project: Tecumseh BP PARCEL III-4
Job No.: 0261-016-001
Client: Steel Sun 2

WEATHER CONDITIONS:

| Time of Day: | A.M. | P.M. |
|---|---|---|
| Ambient Air Temp.: | 56 | 76 |
| Wind Direction: | ESE | ESE |
| Wind Speed: | 11 | 22 |
| Precipitation: | T | |

LOCATION of ACTIVITIES/MONITORING STATIONS (Provide Sketch on Attached Map): Bf-III-2,3,4

DESCRIPTION OF SITE ACTIVITIES: III-4 fine grading previous slag, hauling sand S/SIDE BLDG. Excavating Keying South side & Railway III-2,3 subgrading w/ dozer (1)

| PARTICULATE MONITORING | Location | Time | Value | Duration | Corrective Measures Taken (Eng Controls/Work Stoppage, etc.) |
|---|---|---|---|---|---|
| Exceedence of 100 ug/m3 [1] | N/A | — | | | |
| | | | | | |
| | | | | | |
| Exceedence of 150 ug/m3 [1] | | | | | |
| | | | | | |
| Visual Observation of Fugitive Dust | | | NA | | |
| | | | NA | | |
| | | | NA | | |

| VOC MONITORING | Location | Time | Value | Duration | Corrective Measures Taken (Eng Controls/Work Stoppage, etc.) |
|---|---|---|---|---|---|
| Exceedence of 5 ppm [1] | N/A | — | | | Temporarily halt Work and continue monitoring |
| | | | | | |
| | | | | | |
| Reading of 5 to 25 ppm [1] | | | | | Temporarily halt Work, abate emissions with corrective actions and continue monitoring [3] |
| | | | | | |
| Exceedence of 25 ppm [2] | | | | | Shut Down Work Immediately and notify Site Safety & Health Officer |

1. Above background for 15 minute moving average.
2. Above background at Site perimeter (indicate location on attached sketch)
3. Work may resume when total VOC conc. 200 ft downwind or half the distance to nearest receptor (whicever is less) is below 5 ppm for 15 min.

NOTE: All exceedences are to be reported to Benchmark within 15 minutes.

Prepared By: [signature] Date: 09/28/16
Checked By: Date:

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# COMMUNITY AIR MONITORING DAILY LOG

Date: 10/03/16
Project: Tecumseh BP PARCEL III-4
Job No.: 0261-016-001
Client: Steel Sun 2

WEATHER CONDITIONS:

| Time of Day: | A.M. | P.M. |
|---|---|---|
| Ambient Air Temp.: | 56 | 70 |
| Wind Direction: | NW | NW |
| Wind Speed: | 5 | 10 |
| Precipitation: | T | |

LOCATION of ACTIVITIES/MONITORING STATIONS (Provide Sketch on Attached Map):

DESCRIPTION OF SITE ACTIVITIES: ~~III~~-4 Building security berm w/on-site spoils/slag-like material grading previous slag ground site
III-3 Key-in trenching by lumber yard staging area

| PARTICULATE MONITORING | Location | Time | Value | Duration | Corrective Measures Taken (Eng Controls/Work Stoppage, etc.) |
|---|---|---|---|---|---|
| Exceedence of 100 ug/m3 [1] | N/A | — | | | |
| | | | | | |
| | | | | | |
| Exceedence of 150 ug/m3 [1] | | | | | |
| | | | | | |
| Visual Observation of Fugitive Dust | | | NA | | |
| | | | NA | | |
| | | | NA | | |

| VOC MONITORING | Location | Time | Value | Duration | Corrective Measures Taken (Eng Controls/Work Stoppage, etc.) |
|---|---|---|---|---|---|
| Exceedence of 5 ppm [1] | N/A | — | | | Temporarily halt Work and continue monitoring |
| | | | | | |
| | | | | | |
| Reading of 5 to 25 ppm [1] | | | | | Temporarily halt Work, abate emissions with corrective actions and continue monitoring [3] |
| | | | | | |
| Exceedence of 25 ppm [2] | | | | | Shut Down Work Immediately and notify Site Safety & Health Officer |

1. Above background for 15 minute moving average.
2. Above background at Site perimeter (indicate location on attached sketch)
3. Work may resume when total VOC conc. 200 ft downwind or half the distance to nearest receptor (whicever is less) is below 5 ppm for 15 min.

NOTE: All exceedences are to be reported to Benchmark within 15 minutes.

Prepared By: [signature] Date: 10/03/16
Checked By: Date:

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# COMMUNITY AIR MONITORING DAILY LOG

Date: 10/04/16
Project: Tecumseh BP PARCEL III-4
Job No.: 0261-016-001
Client: Steel Sun 2

WEATHER CONDITIONS:

| Time of Day: | A.M. | P.M. |
|---|---|---|
| Ambient Air Temp.: | 54 | 73 |
| Wind Direction: | E | E |
| Wind Speed: | 7 | 13 |
| Precipitation: | — | — |

LOCATION of ACTIVITIES/MONITORING STATIONS (Provide Sketch on Attached Map): BP-III - 4: hauled placed slag in southeast area site. rolled subgrades

DESCRIPTION OF SITE ACTIVITIES: III-3 Livonia yard staging - slag placed + rolled

| PARTICULATE MONITORING | Location | Time | Value | Duration | Corrective Measures Taken (Eng Controls/Work Stoppage, etc.) |
|---|---|---|---|---|---|
| Exceedence of 100 ug/m3 [1] | N/A | — | | | Watered roads as needed (OK) |
| | | | | | |
| | | | | | |
| Exceedence of 150 ug/m3 [1] | | | | | |
| | | | | | |
| Visual Observation of Fugitive Dust | | | NA | | |
| | | | NA | | |
| | | | NA | | |

| VOC MONITORING | Location | Time | Value | Duration | Corrective Measures Taken (Eng Controls/Work Stoppage, etc.) |
|---|---|---|---|---|---|
| Exceedence of 5 ppm [1] | N/A | | | | Temporarily halt Work and continue monitoring |
| | | | | | |
| | | | | | |
| Reading of 5 to 25 ppm [1] | | | | | Temporarily halt Work, abate emissions with corrective actions and continue monitoring [3] |
| | | | | | |
| Exceedence of 25 ppm [2] | | | | | Shut Down Work Immediately and notify Site Safety & Health Officer |

1. Above background for 15 minute moving average.
2. Above background at Site perimeter (indicate location on attached sketch)
3. Work may resume when total VOC conc. 200 ft downwind or half the distance to nearest receptor (whicever is less) is below 5 ppm for 15 min.

NOTE: All exceedences are to be reported to Benchmark within 15 minutes.

Prepared By: [signature] Date: 10/04/16
Checked By: Date:

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| Timestamp (GMT-4) | Batt. Voltage (V) | Current (mA) | Low (ppm) | Peak (ppm) | STEL (ppm) | TWA (ppm) | VOC (ppm) | VOC (Avg15) (ppm) | Humidity (%) | Mass (µg/m³) | Particle size (µm) | Temperature (°C) | TWA (µg/m³) | Mass (Avg15) (µg/m³) | TWA (Avg15) (µg/m³) | Latitude | Longitude |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 9/15/2016 23:54 | 12.87 | 69.25 | | | | | | | | | | | | | | | |
| 9/15/2016 23:52 | 12.87 | 72.87 | | | | | | | | | | | | | | | |
| 9/15/2016 23:51 | 12.87 | 69.51 | | | | | | | | | | | | | | | |
| 9/15/2016 23:50 | 12.87 | 69.38 | | | | | | | | | | | | | | | |
| 9/15/2016 23:49 | 12.88 | 53.88 | | | | | | | | | | | | | | | |
| 9/15/2016 23:47 | 12.87 | 69.64 | | | | | | | | | | | | | | | |
| 9/15/2016 23:46 | 12.87 | 70.67 | | | | | | | | | | | | | | | |
| 9/15/2016 23:45 | 12.87 | 67.83 | | | | | | | | | | | | | | | |
| 9/15/2016 23:43 | 12.88 | 69.77 | | | | | | | | | | | | | | | |
| 9/15/2016 23:42 | 12.87 | 74.81 | | | | | | | | | | | | | | | |
| 9/15/2016 23:41 | 12.87 | 70.93 | | | | | | | | | | | | | | | |
| 9/15/2016 23:40 | 12.89 | 58.27 | | | | | | | | | | | | | | | |
| 9/15/2016 23:38 | 12.87 | 69.64 | | | | | | | | | | | | | | | |
| 9/15/2016 23:37 | 12.86 | 83.98 | | | | | | | | | | | | | | | |
| 9/15/2016 23:36 | 12.88 | 62.02 | | | | | | | | | | | | | | | |
| 9/15/2016 23:34 | 12.87 | 71.96 | | | | | | | | | | | | | | | |
| 9/15/2016 23:33 | 12.87 | 78.04 | | | | | | | | | | | | | | | |
| 9/15/2016 23:32 | 12.88 | 77.65 | | | | | | | | | | | | | | | |
| 9/15/2016 23:31 | 12.88 | 71.32 | | | | | | | | | | | | | | | |
| 9/15/2016 23:29 | 12.88 | 71.19 | | | | | | | | | | | | | | | |
| 9/15/2016 23:28 | 12.88 | 69.12 | | | | | | | | | | | | | | | |
| 9/15/2016 23:27 | 12.86 | 86.56 | | | | | | | | | | | | | | | |
| 9/15/2016 23:25 | 12.89 | 63.95 | | | | | | | | | | | | | | | |
| 9/15/2016 23:24 | 12.88 | 69.64 | | | | | | | | | | | | | | | |
| 9/15/2016 23:23 | 12.88 | 70.54 | | | | | | | | | | | | | | | |
| 9/15/2016 23:22 | 12.88 | 77.26 | | | | | | | | | | | | | | | |
| 9/15/2016 23:20 | 12.89 | 63.05 | | | | | | | | | | | | | | | |
| 9/15/2016 23:19 | 12.88 | 72.87 | | | | | | | | | | | | | | | |
| 9/15/2016 23:18 | 12.89 | 68.35 | | | | | | | | | | | | | | | |
| 9/15/2016 23:16 | 12.88 | 70.93 | | | | | | | | | | | | | | | |
| 9/15/2016 23:15 | 12.88 | 70.93 | | | | | | | | | | | | | | | |
| 9/15/2016 23:14 | 12.88 | 74.16 | | | | | | | | | | | | | | | |
| 9/15/2016 23:13 | 12.89 | 70.16 | | | | | | | | | | | | | | | |
| 9/15/2016 23:11 | 12.88 | 75.45 | | | | | | | | | | | | | | | |
| 9/15/2016 23:10 | 12.89 | 65.89 | | | | | | | | | | | | | | | |
| 9/15/2016 23:09 | 12.88 | 74.94 | | | | | | | | | | | | | | | |
| 9/15/2016 23:07 | 12.89 | 69.64 | | | | | | | | | | | | | | | |
| 9/15/2016 23:06 | 12.88 | 71.83 | | | | | | | | | | | | | | | |
| 9/15/2016 23:05 | 12.88 | 72.09 | | | | | | | | | | | | | | | |
| 9/15/2016 23:04 | 12.88 | 70.16 | | | | | | | | | | | | | | | |
| 9/15/2016 23:02 | 12.88 | 68.99 | | | | | | | | | | | | | | | |
| 9/15/2016 23:01 | 12.88 | 72.09 | | | | | | | | | | | | | | | |
| 9/15/2016 23:00 | 12.89 | 70.28 | | | | | | | | | | | | | | | |
| 9/15/2016 22:58 | 12.89 | 72.35 | | | | | | | | | | | | | | | |
| 9/15/2016 22:57 | 12.9 | 63.82 | | | | | | | | | | | | | | | |
| 9/15/2016 22:56 | 12.88 | 73.39 | | | | | | | | | | | | | | | |
| 9/15/2016 22:55 | 12.87 | 86.31 | | | | | | | | | | | | | | | |
| 9/15/2016 22:53 | 12.9 | 69.25 | | | | | | | | | | | | | | | |
| 9/15/2016 22:52 | 12.9 | 64.73 | | | | | | | | | | | | | | | |
| 9/15/2016 22:51 | 12.9 | 71.71 | | | | | | | | | | | | | | | |
| 9/15/2016 22:49 | 12.9 | 74.81 | | | | | | | | | | | | | | | |
| 9/15/2016 22:48 | 12.9 | 69.12 | | | | | | | | | | | | | | | |
| 9/15/2016 22:47 | 12.9 | 71.96 | | | | | | | | | | | | | | | |
| 9/15/2016 22:46 | 12.9 | 75.06 | | | | | | | | | | | | | | | |

| Timestamp (GMT-4) | Batt. Voltage (V) | Current (mA) | Low (ppm) | Peak (ppm) | STEL (ppm) | TWA (ppm) | VOC (ppm) | VOC (Avg15) (ppm) | Humidity (%) | Mass (µg/m³) | Particle size (µm) | Temperature (°C) | TWA (µg/m³) | Mass (Avg15) (µg/m³) | TWA (Avg15) (µg/m³) | Latitude | Longitude |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 9/15/2016 22:44 | 12.89 | 74.03 | | | | | | | | | | | | | | | |
| 9/15/2016 22:43 | 12.9 | 71.19 | | | | | | | | | | | | | | | |
| 9/15/2016 22:42 | 12.9 | 66.54 | | | | | | | | | | | | | | | |
| 9/15/2016 22:40 | 12.89 | 80.75 | | | | | | | | | | | | | | | |
| 9/15/2016 22:39 | 12.9 | 71.83 | | | | | | | | | | | | | | | |
| 9/15/2016 22:38 | 12.9 | 73.51 | | | | | | | | | | | | | | | |
| 9/15/2016 22:37 | 12.91 | 70.54 | | | | | | | | | | | | | | | |
| 9/15/2016 22:35 | 12.9 | 78.42 | | | | | | | | | | | | | | | |
| 9/15/2016 22:34 | 12.89 | 82.56 | | | | | | | | | | | | | | | |
| 9/15/2016 22:33 | 12.91 | 69.64 | | | | | | | | | | | | | | | |
| 9/15/2016 22:31 | 12.92 | 68.22 | | | | | | | | | | | | | | | |
| 9/15/2016 22:30 | 12.91 | 73.64 | | | | | | | | | | | | | | | |
| 9/15/2016 22:29 | 12.89 | 86.69 | | | | | | | | | | | | | | | |
| 9/15/2016 22:28 | 12.92 | 69.51 | | | | | | | | | | | | | | | |
| 9/15/2016 22:26 | 12.92 | 67.44 | | | | | | | | | | | | | | | |
| 9/15/2016 22:25 | 12.91 | 70.93 | | | | | | | | | | | | | | | |
| 9/15/2016 22:24 | 12.92 | 72.48 | | | | | | | | | | | | | | | |
| 9/15/2016 22:22 | 12.92 | 69.77 | | | | | | | | | | | | | | | |
| 9/15/2016 22:21 | 12.92 | 64.86 | | | | | | | | | | | | | | | |
| 9/15/2016 22:20 | 12.92 | 72.48 | | | | | | | | | | | | | | | |
| 9/15/2016 22:19 | 12.92 | 66.67 | | | | | | | | | | | | | | | |
| 9/15/2016 22:17 | 12.93 | 64.08 | | | | | | | | | | | | | | | |
| 9/15/2016 22:16 | 12.92 | 69.38 | | | | | | | | | | | | | | | |
| 9/15/2016 22:15 | 12.91 | 78.55 | | | | | | | | | | | | | | | |
| 9/15/2016 22:13 | 12.92 | 70.67 | | | | | | | | | | | | | | | |
| 9/15/2016 22:12 | 12.93 | 63.18 | | | | | | | | | | | | | | | |
| 9/15/2016 22:11 | 12.92 | 73.26 | | | | | | | | | | | | | | | |
| 9/15/2016 22:10 | 12.94 | 67.96 | | | | | | | | | | | | | | | |
| 9/15/2016 22:08 | 12.91 | 82.95 | | | | | | | | | | | | | | | |
| 9/15/2016 22:07 | 12.94 | 63.05 | | | | | | | | | | | | | | | |
| 9/15/2016 22:06 | 12.93 | 72.61 | | | | | | | | | | | | | | | |
| 9/15/2016 22:04 | 12.93 | 68.99 | | | | | | | | | | | | | | | |
| 9/15/2016 22:03 | 12.93 | 71.32 | | | | | | | | | | | | | | | |
| 9/15/2016 22:02 | 12.93 | 68.73 | | | | | | | | | | | | | | | |
| 9/15/2016 22:01 | 12.94 | 72.09 | | | | | | | | | | | | | | | |
| 9/15/2016 21:59 | 12.94 | 71.96 | | | | | | | | | | | | | | | |
| 9/15/2016 21:58 | 12.94 | 68.73 | | | | | | | | | | | | | | | |
| 9/15/2016 21:57 | 12.94 | 70.93 | | | | | | | | | | | | | | | |
| 9/15/2016 21:55 | 12.96 | 62.66 | | | | | | | | | | | | | | | |
| 9/15/2016 21:54 | 12.96 | 63.31 | | | | | | | | | | | | | | | |
| 9/15/2016 21:53 | 12.95 | 68.22 | | | | | | | | | | | | | | | |
| 9/15/2016 21:52 | 12.96 | 64.34 | | | | | | | | | | | | | | | |
| 9/15/2016 21:50 | 12.96 | 70.41 | | | | | | | | | | | | | | | |
| 9/15/2016 21:49 | 12.96 | 67.96 | | | | | | | | | | | | | | | |
| 9/15/2016 21:48 | 12.95 | 73.9 | | | | | | | | | | | | | | | |
| 9/15/2016 21:46 | 12.96 | 71.96 | | | | | | | | | | | | | | | |
| 9/15/2016 21:45 | 12.96 | 77.52 | | | | | | | | | | | | | | | |
| 9/15/2016 21:44 | 12.98 | 64.86 | | | | | | | | | | | | | | | |
| 9/15/2016 21:43 | 12.96 | 67.57 | | | | | | | | | | | | | | | |
| 9/15/2016 21:41 | 12.97 | 73.13 | | | | | | | | | | | | | | | |
| 9/15/2016 21:40 | 12.98 | 66.8 | | | | | | | | | | | | | | | |
| 9/15/2016 21:39 | 12.98 | 75.45 | | | | | | | | | | | | | | | |
| 9/15/2016 21:37 | 12.99 | 69.9 | | | | | | | | | | | | | | | |
| 9/15/2016 21:36 | 12.99 | 63.7 | | | | | | | | | | | | | | | |

| Timestamp (GMT-4) | Batt. Voltage (V) | Current (mA) | Low (ppm) | Peak (ppm) | STEL (ppm) | TWA (ppm) | VOC (ppm) | VOC (Avg15) (ppm) | Humidity (%) | Mass (µg/m³) | Particle size (µm) | Temperature (°C) | TWA (µg/m³) | Mass (Avg15) (µg/m³) | TWA (Avg15) (µg/m³) | Latitude | Longitude |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 9/15/2016 21:35 | 12.98 | 79.72 | | | | | | | | | | | | | | | |
| 9/15/2016 21:34 | 13 | 72.48 | | | | | | | | | | | | | | | |
| 9/15/2016 21:32 | 13 | 76.87 | | | | | | | | | | | | | | | |
| 9/15/2016 21:31 | 13.02 | 69.9 | | | | | | | | | | | | | | | |
| 9/15/2016 21:30 | 13.02 | 81.65 | | | | | | | | | | | | | | | |
| 9/15/2016 21:28 | 13.04 | 73.26 | | | | | | | | | | | | | | | |
| 9/15/2016 21:27 | 13.07 | 70.8 | | | | | | | | | | | | | | | |
| 9/15/2016 21:26 | 13.1 | 69.64 | | | | | | | | | | | | | | | |
| 9/15/2016 21:25 | 13.12 | 81.14 | | | | | | | | | | | | | | | |
| 9/15/2016 21:23 | 13.18 | 71.19 | | | | | | | | | | | | | | | |
| 9/15/2016 21:22 | 13.25 | 75.19 | | | | | | | | | | | | | | | |
| 9/15/2016 21:21 | 13.34 | 67.57 | | | | | | | | | | | | | | | |
| 9/15/2016 21:19 | 14.53 | 61.89 | | | | | | | | | | | | | | | |
| 9/15/2016 21:18 | 14.54 | 67.05 | | | | | | | | | | | | | | | |
| 9/15/2016 21:17 | 14.53 | 62.4 | | | | | | | | | | | | | | | |
| 9/15/2016 21:16 | 14.46 | 62.53 | | | | | | | | | | | | | | | |
| 9/15/2016 21:14 | 14.54 | 65.25 | | | | | | | | | | | | | | | |
| 9/15/2016 21:13 | 14.57 | 62.92 | | | | | | | | | | | | | | | |
| 9/15/2016 21:12 | 14.54 | 73.13 | | | | | | | | | | | | | | | |
| 9/15/2016 21:10 | 14.57 | 60.59 | | | | | | | | | | | | | | | |
| 9/15/2016 21:09 | 14.55 | 60.34 | | | | | | | | | | | | | | | |
| 9/15/2016 21:08 | 14.53 | 66.67 | | | | | | | | | | | | | | | |
| 9/15/2016 21:07 | 14.56 | 67.18 | | | | | | | | | | | | | | | |
| 9/15/2016 21:05 | 14.54 | 63.18 | | | | | | | | | | | | | | | |
| 9/15/2016 21:04 | 14.5 | 66.28 | | | | | | | | | | | | | | | |
| 9/15/2016 21:03 | 14.48 | 65.12 | | | | | | | | | | | | | | | |
| 9/15/2016 21:01 | 14.48 | 68.35 | | | | | | | | | | | | | | | |
| 9/15/2016 21:00 | 14.49 | 61.11 | | | | | | | | | | | | | | | |
| 9/15/2016 20:59 | 14.55 | 68.99 | | | | | | | | | | | | | | | |
| 9/15/2016 20:58 | 14.57 | 59.69 | | | | | | | | | | | | | | | |
| 9/15/2016 20:56 | 14.55 | 66.41 | | | | | | | | | | | | | | | |
| 9/15/2016 20:55 | 14.43 | 63.82 | | | | | | | | | | | | | | | |
| 9/15/2016 20:54 | 14.48 | 61.89 | | | | | | | | | | | | | | | |
| 9/15/2016 20:52 | 14.52 | 64.6 | | | | | | | | | | | | | | | |
| 9/15/2016 20:51 | 14.49 | 65.89 | | | | | | | | | | | | | | | |
| 9/15/2016 20:50 | 14.49 | 57.88 | | | | | | | | | | | | | | | |
| 9/15/2016 20:49 | 14.46 | 61.63 | | | | | | | | | | | | | | | |
| 9/15/2016 20:47 | 14.47 | 63.7 | | | | | | | | | | | | | | | |
| 9/15/2016 20:46 | 14.45 | 64.73 | | | | | | | | | | | | | | | |
| 9/15/2016 20:45 | 14.55 | 63.44 | | | | | | | | | | | | | | | |
| 9/15/2016 20:43 | 14.55 | 64.08 | | | | | | | | | | | | | | | |
| 9/15/2016 20:42 | 14.55 | 67.05 | | | | | | | | | | | | | | | |
| 9/15/2016 20:41 | 14.56 | 60.08 | | | | | | | | | | | | | | | |
| 9/15/2016 20:40 | 14.54 | 65.37 | | | | | | | | | | | | | | | |
| 9/15/2016 20:38 | 14.5 | 62.53 | | | | | | | | | | | | | | | |
| 9/15/2016 20:37 | 14.46 | 74.29 | | | | | | | | | | | | | | | |
| 9/15/2016 20:36 | 14.5 | 63.82 | | | | | | | | | | | | | | | |
| 9/15/2016 20:34 | 14.44 | 63.82 | | | | | | | | | | | | | | | |
| 9/15/2016 20:33 | 14.44 | 65.89 | | | | | | | | | | | | | | | |
| 9/15/2016 20:32 | 14.46 | 72.61 | | | | | | | | | | | | | | | |
| 9/15/2016 20:31 | 14.58 | 64.47 | | | | | | | | | | | | | | | |
| 9/15/2016 20:29 | 14.46 | 73.64 | | | | | | | | | | | | | | | |
| 9/15/2016 20:28 | 14.45 | 60.72 | | | | | | | | | | | | | | | |
| 9/15/2016 20:27 | 14.43 | 64.34 | | | | | | | | | | | | | | | |

| Timestamp (GMT-4) | Batt. Voltage (V) | Current (mA) | Low (ppm) | Peak (ppm) | STEL (ppm) | TWA (ppm) | VOC (ppm) | VOC (Avg15) (ppm) | Humidity (%) | Mass (µg/m³) | Particle size (µm) | Temperature (°C) | TWA (µg/m³) | Mass (Avg15) (µg/m³) | TWA (Avg15) (µg/m³) | Latitude | Longitude |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 9/15/2016 20:25 | 14.46 | 69.64 | | | | | | | | | | | | | | | |
| 9/15/2016 20:24 | 14.51 | 63.31 | | | | | | | | | | | | | | | |
| 9/15/2016 20:23 | 14.5 | 61.11 | | | | | | | | | | | | | | | |
| 9/15/2016 20:22 | 14.48 | 64.73 | | | | | | | | | | | | | | | |
| 9/15/2016 20:20 | 14.58 | 67.05 | | | | | | | | | | | | | | | |
| 9/15/2016 20:19 | 14.57 | 59.95 | | | | | | | | | | | | | | | |
| 9/15/2016 20:18 | 14.57 | 66.54 | | | | | | | | | | | | | | | |
| 9/15/2016 20:16 | 14.5 | 66.8 | | | | | | | | | | | | | | | |
| 9/15/2016 20:15 | 14.5 | 59.69 | | | | | | | | | | | | | | | |
| 9/15/2016 20:14 | 14.48 | 65.12 | | | | | | | | | | | | | | | |
| 9/15/2016 20:13 | 14.49 | 60.21 | | | | | | | | | | | | | | | |
| 9/15/2016 20:11 | 14.52 | 62.92 | | | | | | | | | | | | | | | |
| 9/15/2016 20:10 | 14.54 | 61.63 | | | | | | | | | | | | | | | |
| 9/15/2016 20:09 | 14.53 | 66.41 | | | | | | | | | | | | | | | |
| 9/15/2016 20:07 | 14.48 | 63.44 | | | | | | | | | | | | | | | |
| 9/15/2016 20:06 | 14.5 | 62.02 | | | | | | | | | | | | | | | |
| 9/15/2016 20:05 | 14.46 | 61.37 | | | | | | | | | | | | | | | |
| 9/15/2016 20:04 | 14.54 | 65.63 | | | | | | | | | | | | | | | |
| 9/15/2016 20:02 | 14.52 | 62.53 | | | | | | | | | | | | | | | |
| 9/15/2016 20:01 | 14.43 | 59.43 | | | | | | | | | | | | | | | |
| 9/15/2016 20:00 | 14.45 | 71.06 | | | | | | | | | | | | | | | |
| 9/15/2016 19:58 | 14.44 | 64.86 | | | | | | | | | | | | | | | |
| 9/15/2016 19:57 | 14.48 | 63.18 | | | | | | | | | | | | | | | |
| 9/15/2016 19:56 | 14.44 | 69.77 | | | | | | | | | | | | | | | |
| 9/15/2016 19:55 | 14.52 | 66.8 | | | | | | | | | | | | | | | |
| 9/15/2016 19:53 | 14.48 | 64.86 | | | | | | | | | | | | | | | |
| 9/15/2016 19:52 | 14.46 | 68.22 | | | | | | | | | | | | | | | |
| 9/15/2016 19:51 | 14.44 | 68.86 | | | | | | | | | | | | | | | |
| 9/15/2016 19:49 | 14.54 | 58.01 | | | | | | | | | | | | | | | |
| 9/15/2016 19:48 | 14.53 | 63.31 | | | | | | | | | | | | | | | |
| 9/15/2016 19:47 | 14.52 | 67.96 | | | | | | | | | | | | | | | |
| 9/15/2016 19:46 | 14.5 | 70.16 | | | | | | | | | | | | | | | |
| 9/15/2016 19:44 | 14.52 | 63.31 | | | | | | | | | | | | | | | |
| 9/15/2016 19:43 | 14.55 | 58.4 | | | | | | | | | | | | | | | |
| 9/15/2016 19:42 | 14.52 | 66.28 | | | | | | | | | | | | | | | |
| 9/15/2016 19:40 | 14.59 | 64.08 | | | | | | | | | | | | | | | |
| 9/15/2016 19:39 | 14.57 | 62.4 | | | | | | | | | | | | | | | |
| 9/15/2016 19:38 | 14.57 | 62.66 | | | | | | | | | | | | | | | |
| 9/15/2016 19:37 | 14.53 | 61.76 | | | | | | | | | | | | | | | |
| 9/15/2016 19:35 | 14.5 | 60.21 | | | | | | | | | | | | | | | |
| 9/15/2016 19:34 | 14.56 | 66.67 | | | | | | | | | | | | | | | |
| 9/15/2016 19:33 | 14.54 | 60.59 | | | | | | | | | | | | | | | |
| 9/15/2016 19:31 | 14.49 | 61.11 | | | | | | | | | | | | | | | |
| 9/15/2016 19:30 | 14.52 | 61.37 | | | | | | | | | | | | | | | |
| 9/15/2016 19:29 | 14.55 | 65.63 | | | | | | | | | | | | | | | |
| 9/15/2016 19:28 | 14.53 | 64.21 | | | | | | | | | | | | | | | |
| 9/15/2016 19:26 | 14.5 | 70.03 | | | | | | | | | | | | | | | |
| 9/15/2016 19:25 | 14.57 | 60.21 | | | | | | | | | | | | | | | |
| 9/15/2016 19:24 | 14.55 | 63.57 | | | | | | | | | | | | | | | |
| 9/15/2016 19:22 | 14.5 | 59.17 | | | | | | | | | | | | | | | |
| 9/15/2016 19:21 | 14.57 | 64.99 | | | | | | | | | | | | | | | |
| 9/15/2016 19:20 | 14.54 | 63.44 | | | | | | | | | | | | | | | |
| 9/15/2016 19:19 | 14.53 | 61.37 | | | | | | | | | | | | | | | |
| 9/15/2016 19:17 | 14.55 | 59.04 | | | | | | | | | | | | | | | |

| Timestamp (GMT-4) | Batt. Voltage (V) | Current (mA) | Low (ppm) | Peak (ppm) | STEL (ppm) | TWA (ppm) | VOC (ppm) | VOC (Avg15) (ppm) | Humidity (%) | Mass (µg/m³) | Particle size (µm) | Temperature (°C) | TWA (µg/m³) | Mass (Avg15) (µg/m³) | TWA (Avg15) (µg/m³) | Latitude | Longitude |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 9/15/2016 19:16 | 14.46 | 77.91 | | | | | | | | | | | | | | | |
| 9/15/2016 19:15 | 14.51 | 75.97 | | | | | | | | | | | | | | | |
| 9/15/2016 19:13 | 14.56 | 60.34 | | | | | | | | | | | | | | 42.8185 | -78.8537 |
| 9/15/2016 19:12 | 14.52 | 59.43 | | | | | | | | | | | | | | 42.8186 | -78.854 |
| 9/15/2016 19:11 | 14.47 | 65.5 | | | | | | | | | | | | | | 42.8188 | -78.8536 |
| 9/15/2016 19:08 | 14.51 | 64.86 | | | | | | | | | | | | | | 42.8185 | -78.8538 |
| 9/15/2016 19:06 | 14.52 | 56.98 | | | | | | | | | | | | | | 42.8189 | -78.8541 |
| 9/15/2016 19:05 | 14.52 | 61.24 | | | | | | | | | | | | | | 42.8198 | -78.8548 |
| 9/15/2016 19:04 | 14.5 | 62.66 | | | | | | | | | | | | | | 42.8194 | -78.8547 |
| 9/15/2016 19:02 | 14.45 | 59.69 | | | | | | | | | | | | | | | |
| 9/15/2016 19:01 | 14.54 | 61.37 | | | | | | | | | | | | | | 42.819 | -78.854 |
| 9/15/2016 19:00 | 14.55 | 67.31 | | | | | | | | | | | | | | 42.819 | -78.8539 |
| 9/15/2016 18:59 | 14.48 | 74.94 | | | | | | | | | | | | | | 42.8186 | -78.8537 |
| 9/15/2016 18:57 | 14.57 | 63.18 | | | | | | | | | | | | | | 42.8191 | -78.8544 |
| 9/15/2016 18:56 | 14.51 | 66.8 | | | | | | | | | | | | | | 42.8193 | -78.854 |
| 9/15/2016 18:55 | 14.56 | 64.47 | | | | | | | | | | | | | | 42.8189 | -78.8539 |
| 9/15/2016 18:53 | 14.52 | 71.32 | | | | | | | | | | | | | | | |
| 9/15/2016 18:52 | 14.56 | 63.44 | | | | | | | | | | | | | | 42.819 | -78.854 |
| 9/15/2016 18:51 | 14.53 | 68.86 | | | | | | | | | | | | | | 42.8187 | -78.8539 |
| 9/15/2016 18:50 | 14.5 | 61.89 | | | | | | | | | | | | | | 42.8186 | -78.8537 |
| 9/15/2016 18:48 | 14.55 | 64.21 | | | | | | | | | | | | | | 42.819 | -78.854 |
| 9/15/2016 18:47 | 14.49 | 65.5 | | | | | | | | | | | | | | 42.8191 | -78.8541 |
| 9/15/2016 18:46 | 14.55 | 60.59 | | | | | | | | | | | | | | 42.8182 | -78.8531 |
| 9/15/2016 18:44 | 14.52 | 58.66 | | | | | | | | | | | | | | | |
| 9/15/2016 18:43 | 14.52 | 68.6 | | | | | | | | | | | | | | 42.8181 | -78.8544 |
| 9/15/2016 18:42 | 14.55 | 63.31 | | | | | | | | | | | | | | 42.8178 | -78.8538 |
| 9/15/2016 18:41 | 14.51 | 60.98 | | | | | | | | | | | | | | 42.8172 | -78.8543 |
| 9/15/2016 18:39 | 14.52 | 76.74 | | | | | | | | | | | | | | 42.8173 | -78.8546 |
| 9/15/2016 18:38 | 14.5 | 64.86 | | | | | | | | | | | | | | 42.8185 | -78.8543 |
| 9/15/2016 18:37 | 14.53 | 65.5 | | | | | | | | | | | | | | 42.8149 | -78.8537 |
| 9/15/2016 18:35 | 14.49 | 67.7 | | | | | | | | | | | | | | | |
| 9/15/2016 18:34 | 14.51 | 66.67 | | | | | | | | | | | | | | 42.8176 | -78.8534 |
| 9/15/2016 18:33 | 14.55 | 71.06 | | | | | | | | | | | | | | 42.8184 | -78.8534 |
| 9/15/2016 18:32 | 14.52 | 60.72 | | | | | | | | | | | | | | 42.8204 | -78.8536 |
| 9/15/2016 18:30 | 14.52 | 60.72 | | | | | | | | | | | | | | 42.8191 | -78.8545 |
| 9/15/2016 18:29 | 14.54 | 66.8 | | | | | | | | | | | | | | 42.8188 | -78.8536 |
| 9/15/2016 18:28 | 14.55 | 59.82 | | | | | | | | | | | | | | 42.8186 | -78.8539 |
| 9/15/2016 18:26 | 14.53 | 64.99 | | | | | | | | | | | | | | | |
| 9/15/2016 18:25 | 14.54 | 65.25 | | | | | | | | | | | | | | 42.819 | -78.8536 |
| 9/15/2016 18:24 | 14.54 | 61.89 | | | | | | | | | | | | | | 42.8189 | -78.8535 |
| 9/15/2016 18:23 | 14.51 | 59.04 | | | | | | | | | | | | | | 42.8189 | -78.8539 |
| 9/15/2016 18:21 | 14.5 | 62.27 | | | | | | | | | | | | | | 42.8185 | -78.8536 |
| 9/15/2016 18:20 | 14.51 | 58.91 | | | | | | | | | | | | | | 42.8183 | -78.8537 |
| 9/15/2016 18:19 | 14.48 | 67.7 | | | | | | | | | | | | | | 42.8185 | -78.8535 |
| 9/15/2016 18:17 | 14.54 | 63.05 | | | | | | | | | | | | | | | |
| 9/15/2016 18:16 | 14.52 | 59.95 | | | | | | | | | | | | | | 42.8187 | -78.854 |
| 9/15/2016 18:15 | 14.51 | 61.11 | | | | | | | | | | | | | | 42.8186 | -78.8536 |
| 9/15/2016 18:14 | 14.51 | 61.89 | | | | | | | | | | | | | | 42.818 | -78.8531 |
| 9/15/2016 18:12 | 14.5 | 68.73 | | | | | | | | | | | | | | 42.8186 | -78.8537 |
| 9/15/2016 18:11 | 14.52 | 62.53 | | | | | | | | | | | | | | 42.8185 | -78.8539 |
| 9/15/2016 18:10 | 14.5 | 64.08 | | | | | | | | | | | | | | 42.8183 | -78.8534 |
| 9/15/2016 18:08 | 14.51 | 66.41 | | | | | | | | | | | | | | | |
| 9/15/2016 18:07 | 14.5 | 61.37 | | | | | | | | | | | | | | 42.8189 | -78.8543 |
| 9/15/2016 18:06 | 14.46 | 84.63 | | | | | | | | | | | | | | 42.8187 | -78.854 |

| Timestamp (GMT-4) | Batt. Voltage (V) | Current (mA) | Low (ppm) | Peak (ppm) | STEL (ppm) | TWA (ppm) | VOC (ppm) | VOC (Avg15) (ppm) | Humidity (%) | Mass (µg/m³) | Particle size (µm) | Temperature (°C) | TWA (µg/m³) | Mass (Avg15) (µg/m³) | TWA (Avg15) (µg/m³) | Latitude | Longitude |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 9/15/2016 18:05 | 14.52 | 58.79 | | | | | | | | | | | | | | 42.8185 | -78.8539 |
| 9/15/2016 18:03 | 14.53 | 62.27 | | | | | | | | | | | | | | 42.8186 | -78.8542 |
| 9/15/2016 18:02 | 14.53 | 63.05 | | | | | | | | | | | | | | 42.8191 | -78.8537 |
| 9/15/2016 18:01 | 14.5 | 68.86 | | | | | | | | | | | | | | 42.819 | -78.8536 |
| 9/15/2016 17:59 | 14.51 | 62.4 | | | | | | | | | | | | | | | |
| 9/15/2016 17:58 | 14.5 | 67.96 | | | | | | | | | | | | | | 42.8188 | -78.8539 |
| 9/15/2016 17:57 | 14.49 | 67.7 | | | | | | | | | | | | | | 42.8187 | -78.854 |
| 9/15/2016 17:56 | 14.46 | 68.22 | | | | | | | | | | | | | | 42.8187 | -78.8539 |
| 9/15/2016 17:54 | 14.51 | 67.7 | | | | | | | | | | | | | | 42.8186 | -78.854 |
| 9/15/2016 17:53 | 14.5 | 65.25 | | | | | | | | | | | | | | 42.8186 | -78.8532 |
| 9/15/2016 17:52 | 14.53 | 62.27 | | | | | | | | | | | | | | 42.8182 | -78.8538 |
| 9/15/2016 17:50 | 14.5 | 60.59 | | | | | | | | | | | | | | | |
| 9/15/2016 17:49 | 14.49 | 67.57 | | | | | | | | | | | | | | 42.8188 | -78.8538 |
| 9/15/2016 17:48 | 14.5 | 67.96 | | | | | | | | | | | | | | 42.8186 | -78.8534 |
| 9/15/2016 17:47 | 14.48 | 71.83 | | | | | | | | | | | | | | 42.8184 | -78.8539 |
| 9/15/2016 17:45 | 14.5 | 72.87 | | | | | | | | | | | | | | 42.8188 | -78.8541 |
| 9/15/2016 17:44 | 14.53 | 63.95 | | | | | | | | | | | | | | 42.8191 | -78.8541 |
| 9/15/2016 17:43 | 14.52 | 59.04 | | | | | | | | | | | | | | 42.8188 | -78.854 |
| 9/15/2016 17:41 | 14.52 | 67.57 | | | | | | | | | | | | | | | |
| 9/15/2016 17:40 | 14.49 | 61.89 | | | | | | | | | | | | | | 42.8181 | -78.8539 |
| 9/15/2016 17:39 | 14.5 | 62.4 | | | | | | | | | | | | | | 42.8185 | -78.8539 |
| 9/15/2016 17:38 | 14.51 | 67.31 | | | | | | | | | | | | | | 42.8186 | -78.8537 |
| 9/15/2016 17:36 | 14.51 | 60.08 | | | | | | | | | | | | | | 42.8186 | -78.8543 |
| 9/15/2016 17:35 | 14.5 | 59.69 | | | | | | | | | | | | | | 42.8183 | -78.8534 |
| 9/15/2016 17:34 | 14.48 | 58.91 | | | | | | | | | | | | | | 42.8187 | -78.8538 |
| 9/15/2016 17:32 | 14.48 | 63.31 | | | | | | | | | | | | | | | |
| 9/15/2016 17:31 | 14.45 | 69.51 | | | | | | | | | | | | | | 42.8185 | -78.8544 |
| 9/15/2016 17:30 | 14.49 | 62.27 | | | | | | | | | | | | | | 42.8185 | -78.854 |
| 9/15/2016 17:29 | 14.49 | 63.18 | | | | | | | | | | | | | | 42.8187 | -78.8537 |
| 9/15/2016 17:27 | 14.49 | 63.7 | | | | | | | | | | | | | | 42.8186 | -78.8541 |
| 9/15/2016 17:26 | 14.48 | 62.4 | | | | | | | | | | | | | | 42.8188 | -78.8541 |
| 9/15/2016 17:25 | 14.5 | 58.79 | | | | | | | | | | | | | | 42.8191 | -78.8536 |
| 9/15/2016 17:23 | 14.46 | 74.55 | | | | | | | | | | | | | | | |
| 9/15/2016 17:22 | 14.48 | 64.6 | | | | | | | | | | | | | | 42.8186 | -78.8541 |
| 9/15/2016 17:21 | 14.5 | 71.06 | | | | | | | | | | | | | | 42.8186 | -78.8537 |
| 9/15/2016 17:20 | 14.5 | 62.53 | | | | | | | | | | | | | | 42.8185 | -78.8537 |
| 9/15/2016 17:18 | 14.27 | 62.02 | | | | | | | | | | | | | | 42.8186 | -78.8538 |
| 9/15/2016 17:17 | 14.11 | 68.35 | | | | | | | | | | | | | | 42.8188 | -78.8539 |
| 9/15/2016 17:16 | 14.02 | 61.76 | | | | | | | | | | | | | | 42.8185 | -78.8538 |
| 9/15/2016 17:14 | 13.96 | 63.95 | | | | | | | | | | | | | | | |
| 9/15/2016 17:13 | 13.89 | 63.05 | | | | | | | | | | | | | | 42.8186 | -78.854 |
| 9/15/2016 17:12 | 14.11 | 63.57 | | | | | | | | | | | | | | 42.8187 | -78.8539 |
| 9/15/2016 17:11 | 14.04 | 70.03 | | | | | | | | | | | | | | 42.8179 | -78.854 |
| 9/15/2016 17:09 | 14 | 62.53 | | | | | | | | | | | | | | 42.8181 | -78.8544 |
| 9/15/2016 17:08 | 13.94 | 68.22 | | | | | | | | | | | | | | 42.8186 | -78.8537 |
| 9/15/2016 17:07 | 13.89 | 70.28 | | | | | | | | | | | | | | 42.8182 | -78.8539 |
| 9/15/2016 17:05 | 13.86 | 68.86 | | | | | | | | | | | | | | | |
| 9/15/2016 17:04 | 13.83 | 62.27 | | | | | | | | | | | | | | 42.8188 | -78.8538 |
| 9/15/2016 17:03 | 13.79 | 60.47 | | | | | | | | | | | | | | 42.8188 | -78.8535 |
| 9/15/2016 17:02 | 13.76 | 62.79 | | | | | | | | | | | | | | 42.8194 | -78.8536 |
| 9/15/2016 17:00 | 13.74 | 60.21 | | | | | | | | | | | | | | 42.8187 | -78.854 |
| 9/15/2016 16:59 | 13.7 | 68.86 | | | | | | | | | | | | | | 42.8186 | -78.8539 |
| 9/15/2016 16:58 | 13.68 | 61.11 | | | | | | | | | | | | | | 42.8187 | -78.8538 |
| 9/15/2016 16:56 | 13.65 | 68.22 | | | | | | | | | | | | | | | |

| Timestamp (GMT-4) | Batt. Voltage (V) | Current (mA) | Low (ppm) | Peak (ppm) | STEL (ppm) | TWA (ppm) | VOC (ppm) | VOC (Avg15) (ppm) | Humidity (%) | Mass (µg/m³) | Particle size (µm) | Temperature (°C) | TWA (µg/m³) | Mass (Avg15) (µg/m³) | TWA (Avg15) (µg/m³) | Latitude | Longitude |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 9/15/2016 16:55 | 13.64 | 59.43 | | | | | | | | | | | | | | 42.8184 | -78.8535 |
| 9/15/2016 16:54 | 13.6 | 71.58 | | | | | | | | | | | | | | 42.8188 | -78.8539 |
| 9/15/2016 16:53 | 13.59 | 66.93 | | | | | | | | | | | | | | 42.8186 | -78.8538 |
| 9/15/2016 16:51 | 13.57 | 66.02 | | | | | | | | | | | | | | 42.8186 | -78.8537 |
| 9/15/2016 16:50 | 13.55 | 64.21 | | | | | | | | | | | | | | 42.8187 | -78.8535 |
| 9/15/2016 16:49 | 13.51 | 74.81 | | | | | | | | | | | | | | 42.8185 | -78.8538 |
| 9/15/2016 16:47 | 13.51 | 67.18 | | | | | | | | | | | | | | | |
| 9/15/2016 16:46 | 13.47 | 78.42 | | | | | | | | | | | | | | 42.8184 | -78.854 |
| 9/15/2016 16:45 | 13.47 | 63.95 | | | | | | | | | | | | | | 42.8188 | -78.8539 |
| 9/15/2016 16:44 | 13.46 | 59.69 | | | | | | | | | | | | | | 42.819 | -78.8536 |
| 9/15/2016 16:42 | 13.45 | 66.41 | | | | | | | | | | | | | | 42.8185 | -78.8539 |
| 9/15/2016 16:41 | 13.43 | 72.35 | | | | | | | | | | | | | | 42.8185 | -78.8537 |
| 9/15/2016 16:40 | 13.41 | 69.38 | | | | | | | | | | | | | | 42.8189 | -78.8537 |
| 9/15/2016 16:38 | 13.4 | 63.18 | | | | | | | | | | | | | | | |
| 9/15/2016 16:37 | 13.39 | 64.86 | | | | | | | | | | | | | | 42.8189 | -78.854 |
| 9/15/2016 16:36 | 13.38 | 63.44 | | | | | | | | | | | | | | 42.8186 | -78.8537 |
| 9/15/2016 16:35 | 13.36 | 70.67 | | | | | | | | | | | | | | 42.8179 | -78.8542 |
| 9/15/2016 16:33 | 13.35 | 63.31 | | | | | | | | | | | | | | 42.8185 | -78.8539 |
| 9/15/2016 16:32 | 13.34 | 65.63 | | | | | | | | | | | | | | 42.819 | -78.8534 |
| 9/15/2016 16:31 | 13.34 | 66.54 | | | | | | | | | | | | | | 42.8184 | -78.8539 |
| 9/15/2016 16:29 | 13.32 | 65.12 | | | | | | | | | | | | | | 42.8185 | -78.8538 |
| 9/15/2016 16:28 | 13.32 | 60.47 | | | | | | | | | | | | | | 42.8187 | -78.8538 |
| 9/15/2016 16:27 | 13.31 | 66.02 | | | | | | | | | | | | | | 42.8186 | -78.8538 |
| 9/15/2016 16:26 | 13.3 | 68.35 | | | | | | | | | | | | | | 42.8188 | -78.8537 |
| 9/15/2016 16:24 | 13.28 | 69.64 | | | | | | | | | | | | | | 42.8186 | -78.8539 |
| 9/15/2016 16:23 | 13.26 | 80.75 | | | | | | | | | | | | | | 42.8185 | -78.8539 |
| 9/15/2016 16:22 | 13.26 | 71.32 | | | | | | | | | | | | | | 42.8188 | -78.8539 |
| 9/15/2016 16:20 | 13.21 | 66.67 | | | | | | | | | | | | | | 42.8187 | -78.8539 |
| 9/15/2016 16:19 | 13.04 | 68.48 | | | | | | | | | | | | | | 42.8186 | -78.8537 |
| 9/15/2016 16:18 | 12.64 | 85.53 | | | | | | | | | | | | | | 42.8189 | -78.8537 |
| 9/15/2016 16:17 | 12.59 | 65.25 | | | | | | | | | | | | | | 42.8187 | -78.8535 |
| 9/15/2016 16:15 | 12.57 | 75.71 | | | | | | | | | | | | | | 42.8192 | -78.8533 |
| 9/15/2016 16:14 | 12.59 | 64.08 | | | | | | | | | | | | | | 42.8199 | -78.8593 |
| 9/15/2016 16:13 | 12.58 | 63.82 | | | | | | | | | | | | | | 42.814 | -78.8561 |
| 9/15/2016 16:11 | 12.59 | 72.22 | | | | | | | | | | | 0 | | | 42.8108 | -78.8555 |
| 9/15/2016 16:10 | 12.54 | 75.84 | | | | | | | 24 | 19.3 | 4 | 36.2 | 20.4 | 2.67 | | 42.8108 | -78.8554 |
| 9/15/2016 16:09 | 12.46 | 77.91 | | | | | | | 24 | 3.7 | 1.352 | 36.3 | 20.4 | 1.43 | | 42.8107 | -78.8554 |
| 9/15/2016 16:08 | 12.52 | 72.09 | 0 | 0.044 | 0 | 0 | 0 | 0 | 24 | 0 | 0.34 | 36.3 | 20.4 | 1.23 | | 42.8108 | -78.8554 |
| 9/15/2016 16:07 | 12.53 | 70.03 | 0 | 0.044 | 0 | 0 | 0 | 0 | 24 | 1.1 | 0.536 | 36.3 | 20.5 | 1.67 | | 42.8107 | -78.8554 |
| 9/15/2016 16:06 | 12.53 | 67.83 | 0 | 0.044 | 0 | 0 | 0 | 0 | 24 | 0.9 | 0.337 | 36.3 | 20.5 | 1.82 | | 42.8107 | -78.8554 |
| 9/15/2016 16:05 | 12.52 | 71.96 | 0 | 0.044 | 0 | 0 | 0 | 0 | 23 | 0.9 | 0.543 | 36.3 | 20.6 | 1.78 | | 42.8107 | -78.8554 |
| 9/15/2016 16:04 | 12.52 | 70.67 | 0 | 0.044 | 0 | 0 | 0 | 0 | 24 | 0.2 | 0.443 | 36.2 | 20.6 | 1.84 | | 42.8107 | -78.8554 |
| 9/15/2016 16:03 | 12.53 | 70.28 | 0 | 0.044 | 0 | 0 | 0 | 0 | 24 | 1.1 | 0.455 | 36.3 | 20.7 | 2.12 | | 42.8107 | -78.8554 |
| 9/15/2016 16:02 | 12.53 | 66.93 | 0 | 0.044 | 0 | 0 | 0 | 0 | 24 | 0.9 | 0.362 | 36.3 | 20.7 | 2.15 | | 42.8107 | -78.8554 |
| 9/15/2016 16:01 | 12.52 | 81.78 | 0 | 0.044 | 0 | 0 | 0 | 0 | 24 | 0.3 | 0.369 | 36.3 | 20.8 | 2.22 | | 42.8107 | -78.8554 |
| 9/15/2016 16:00 | 12.53 | 69.12 | 0 | 0.044 | 0 | 0 | 0 | 0 | 25 | 1.9 | 0.525 | 36.3 | 20.8 | 2.26 | | 42.8107 | -78.8554 |
| 9/15/2016 15:59 | 12.51 | 85.4 | 0 | 0.044 | 0 | 0 | 0 | 0 | 24 | 2.2 | 0.353 | 36.3 | 20.9 | 2.39 | | 42.8107 | -78.8554 |
| 9/15/2016 15:58 | 12.53 | 75.71 | 0 | 0.044 | 0 | 0 | 0 | 0 | 24 | 5.3 | 1.046 | 36.3 | 20.9 | 2.54 | | 42.8107 | -78.8554 |
| 9/15/2016 15:57 | 12.53 | 68.09 | 0 | 0.044 | 0 | 0 | 0 | 0 | 25 | 1.3 | 0.48 | 36.3 | 21 | 2.25 | | 42.8107 | -78.8554 |
| 9/15/2016 15:56 | 12.53 | 67.83 | 0 | 0.044 | 0 | 0 | 0 | 0 | 25 | 0.9 | 0.428 | 36.3 | 21 | 2.21 | | 42.8107 | -78.8554 |
| 9/15/2016 15:55 | 12.53 | 68.35 | 0 | 0.044 | 0 | 0 | 0 | 0 | 24 | 0.8 | 0.337 | 36.2 | 21.1 | 2.27 | | 42.8107 | -78.8554 |
| 9/15/2016 15:54 | 12.53 | 77.13 | 0 | 0.044 | 0 | 0 | 0 | 0 | 24 | 0.7 | 0.341 | 36.3 | 21.1 | 2.36 | | 42.8107 | -78.8554 |
| 9/15/2016 15:53 | 12.53 | 71.71 | 0 | 0.044 | 0 | 0 | 0 | 0 | 25 | 6.6 | 0.544 | 36.3 | 21.2 | 2.47 | | 42.8107 | -78.8554 |
| 9/15/2016 15:52 | 12.53 | 65.89 | 0 | 0.044 | 0 | 0 | 0 | 0 | 24 | 3.3 | 0.467 | 36.2 | 21.2 | 2.17 | | 42.8107 | -78.8554 |

| Timestamp (GMT-4) | Batt. Voltage (V) | Current (mA) | Low (ppm) | Peak (ppm) | STEL (ppm) | TWA (ppm) | VOC (ppm) | VOC (Avg15) (ppm) | Humidity (%) | Mass (µg/m³) | Particle size (µm) | Temperature (°C) | TWA (µg/m³) | Mass (Avg15) (µg/m³) | TWA (Avg15) (µg/m³) | Latitude | Longitude |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 9/15/2016 15:51 | 12.52 | 75.32 | 0 | 0.044 | 0 | 0 | 0 | 0 | 24 | 0.3 | 0.34 | 36.3 | 21.2 | 2.13 | | 42.8107 | -78.8554 |
| 9/15/2016 15:50 | 12.52 | 70.54 | 0 | 0.044 | 0 | 0 | 0 | 0 | 24 | 1.8 | 0.575 | 36.3 | 21.3 | 2.2 | | 42.8107 | -78.8554 |
| 9/15/2016 15:49 | 12.53 | 73.26 | 0 | 0.044 | 0 | 0 | 0 | 0 | 24 | 4.4 | 2.724 | 36.3 | 21.3 | 2.23 | | 42.8107 | -78.8554 |
| 9/15/2016 15:48 | 12.54 | 70.28 | 0 | 0.044 | 0 | 0 | 0 | 0 | 25 | 1.5 | 0.56 | 36.3 | 21.4 | 2.02 | | 42.8107 | -78.8554 |
| 9/15/2016 15:47 | 12.53 | 68.48 | 0 | 0.044 | 0 | 0 | 0 | 0 | 25 | 2 | 0.397 | 36.3 | 21.4 | 2.03 | | 42.8107 | -78.8554 |
| 9/15/2016 15:46 | 12.53 | 71.32 | 0 | 0.044 | 0 | 0 | 0 | 0 | 25 | 0.9 | 0.432 | 36.3 | 21.5 | 1.99 | | 42.8107 | -78.8554 |
| 9/15/2016 15:45 | 12.52 | 82.56 | 0 | 0.044 | 0 | 0 | 0 | 0 | 25 | 3.8 | 1.521 | 36.3 | 21.5 | 1.99 | | 42.8107 | -78.8554 |
| 9/15/2016 15:44 | 12.53 | 69.51 | 0 | 0.044 | 0 | 0 | 0 | 0 | 25 | 4.5 | 1.599 | 36.3 | 21.6 | 1.94 | | 42.8107 | -78.8554 |
| 9/15/2016 15:43 | 12.53 | 68.22 | 0 | 0.044 | 0 | 0 | 0 | 0 | 24 | 1 | 0.347 | 36.3 | 21.6 | 1.94 | | 42.8107 | -78.8554 |
| 9/15/2016 15:42 | 12.53 | 70.8 | 0 | 0.044 | 0 | 0 | 0 | 0 | 25 | 0.6 | 0.529 | 36.4 | 21.7 | 2.35 | | 42.8107 | -78.8554 |
| 9/15/2016 15:41 | 12.53 | 69.9 | 0 | 0.044 | 0 | 0 | 0 | 0 | 25 | 1.9 | 0.771 | 36.3 | 21.7 | 2.37 | | 42.8108 | -78.8554 |
| 9/15/2016 15:40 | 12.53 | 68.48 | 0 | 0.044 | 0 | 0 | 0 | 0 | 25 | 2.1 | 0.516 | 36.3 | 21.8 | 2.5 | | 42.8107 | -78.8554 |
| 9/15/2016 15:39 | 12.53 | 69.51 | 0 | 0.044 | 0 | 0 | 0 | 0 | 25 | 2.4 | 0.635 | 36.3 | 21.8 | 3.51 | | 42.8107 | -78.8554 |
| 9/15/2016 15:38 | 12.53 | 73 | 0 | 0.044 | 0 | 0 | 0 | 0 | 25 | 2 | 0.564 | 36.3 | 21.9 | 3.77 | | 42.8107 | -78.8554 |
| 9/15/2016 15:37 | 12.53 | 76.74 | 0 | 0.044 | 0 | 0 | 0 | 0 | 25 | 2.8 | 0.581 | 36.3 | 21.9 | 3.77 | | 42.8107 | -78.8554 |
| 9/15/2016 15:36 | 12.54 | 68.48 | 0 | 0.044 | 0 | 0 | 0 | 0 | 25 | 1.3 | 0.437 | 36.3 | 22 | 4.13 | | 42.8107 | -78.8554 |
| 9/15/2016 15:35 | 12.53 | 66.8 | 0 | 0.044 | 0 | 0 | 0 | 0 | 24 | 2.3 | 0.418 | 36.3 | 22 | 6.17 | | 42.8107 | -78.8554 |
| 9/15/2016 15:34 | 12.53 | 70.28 | 0 | 0.044 | 0 | 0 | 0 | 0 | 24 | 1.2 | 0.34 | 36.4 | 22.1 | 19.08 | | 42.8107 | -78.8554 |
| 9/15/2016 15:33 | 12.53 | 66.93 | 0 | 0.044 | 0 | 0 | 0 | 0 | 25 | 1.7 | 0.34 | 36.3 | 22.1 | 36.69 | | 42.8107 | -78.8554 |
| 9/15/2016 15:32 | 12.52 | 86.82 | 0 | 0.044 | 0 | 0 | 0 | 0 | 24 | 1.3 | 0.445 | 36.4 | 22.2 | 36.65 | | 42.8107 | -78.8555 |
| 9/15/2016 15:31 | 12.54 | 67.83 | 0 | 0.044 | 0 | 0 | 0 | 0 | 25 | 1 | 0.851 | 36.4 | 22.2 | 36.61 | | 42.8107 | -78.8554 |
| 9/15/2016 15:30 | 12.53 | 69.51 | 0 | 0.044 | 0 | 0 | 0 | 0 | 25 | 3 | 0.41 | 36.4 | 22.3 | 36.57 | | 42.8107 | -78.8554 |
| 9/15/2016 15:29 | 12.53 | 71.58 | 0 | 0.044 | 0 | 0 | 0 | 0 | 24 | 4.5 | 1.092 | 36.3 | 22.3 | 36.55 | | 42.8107 | -78.8554 |
| 9/15/2016 15:28 | 12.53 | 65.89 | 0 | 0.044 | 0 | 0 | 0 | 0 | 25 | 7.1 | 0.757 | 36.4 | 22.3 | 36.26 | | 42.8107 | -78.8554 |
| 9/15/2016 15:27 | 12.53 | 71.45 | 0 | 0.044 | 0 | 0 | 0 | 0 | 24 | 0.9 | 1.026 | 36.4 | 22.4 | 35.83 | | 42.8108 | -78.8554 |
| 9/15/2016 15:26 | 12.53 | 72.61 | 0 | 0.044 | 0 | 0 | 0 | 0 | 24 | 3.9 | 1.066 | 36.5 | 22.4 | 36.58 | | 42.8107 | -78.8554 |
| 9/15/2016 15:25 | 12.53 | 73.64 | 0 | 0.044 | 0 | 0 | 0 | 0 | 25 | 17.3 | 4 | 36.4 | 22.5 | 38.02 | | 42.8107 | -78.8554 |
| 9/15/2016 15:24 | 12.53 | 72.74 | 0 | 0.044 | 0 | 0 | 0 | 0 | 25 | 6.3 | 0.963 | 36.5 | 22.5 | 36.91 | | 42.8107 | -78.8554 |
| 9/15/2016 15:23 | 12.53 | 70.67 | 0 | 0.044 | 0 | 0 | 0 | 0 | 24 | 2 | 0.864 | 36.3 | 22.6 | 36.53 | | 42.8107 | -78.8554 |
| 9/15/2016 15:22 | 12.53 | 69.51 | 0 | 0.044 | 0 | 0 | 0 | 0 | 24 | 8.1 | 4 | 36.3 | 22.6 | 36.73 | | 42.8107 | -78.8554 |
| 9/15/2016 15:21 | 12.53 | 69.77 | 0 | 0.044 | 0 | 0 | 0 | 0 | 25 | 31.9 | 4 | 36.4 | 22.6 | 36.31 | | 42.8107 | -78.8554 |
| 9/15/2016 15:20 | 12.53 | 68.48 | 0 | 0.044 | 0 | 0 | 0 | 0 | 24 | 196 | 4 | 36.4 | 22.3 | 34.53 | | 42.8107 | -78.8554 |
| 9/15/2016 15:19 | 12.54 | 65.76 | 0 | 0.044 | 0 | 0 | 0 | 0 | 24 | 265.4 | 4 | 36.3 | 21.9 | 21.62 | | 42.8107 | -78.8554 |
| 9/15/2016 15:18 | 12.54 | 66.93 | 0 | 0.044 | 0 | 0 | 0 | 0 | 24 | 1 | 0.545 | 36.3 | 21.8 | 4.07 | | 42.8107 | -78.8554 |
| 9/15/2016 15:17 | 12.53 | 69.51 | 0 | 0.044 | 0 | 0 | 0 | 0 | 25 | 0.7 | 0.841 | 36.2 | 21.9 | 4.21 | | 42.8107 | -78.8554 |
| 9/15/2016 15:16 | 12.53 | 70.03 | 0 | 0.044 | 0 | 0 | 0 | 0 | 24 | 0.4 | 0.337 | 36.3 | 22 | 4.18 | | 42.8107 | -78.8554 |
| 9/15/2016 15:15 | 12.53 | 73.64 | 0 | 0.044 | 0 | 0 | 0 | 0 | 24 | 2.7 | 0.337 | 36.2 | 22 | 4.15 | | 42.8107 | -78.8554 |
| 9/15/2016 15:14 | 12.52 | 93.15 | 0 | 0.044 | 0 | 0 | 0 | 0 | 25 | 0.2 | 0.431 | 36.3 | 22 | 3.99 | | 42.8107 | -78.8554 |
| 9/15/2016 15:13 | 12.54 | 67.31 | 0 | 0.044 | 0 | 0 | 0 | 0 | 25 | 0.7 | 0.582 | 36.3 | 22.1 | 4 | | 42.8107 | -78.8554 |
| 9/15/2016 15:12 | 12.54 | 67.05 | 0 | 0.044 | 0 | 0 | 0 | 0 | 25 | 12.1 | 4 | 36.1 | 22.1 | 4.11 | | 42.8107 | -78.8554 |
| 9/15/2016 15:11 | 12.53 | 69.51 | 0 | 0.044 | 0 | 0 | 0 | 0 | 25 | 25.5 | 4 | 36.2 | 22.1 | 3.39 | | 42.8107 | -78.8554 |
| 9/15/2016 15:10 | 12.55 | 65.25 | 0 | 0.044 | 0 | 0 | 0 | 0 | 26 | 0.6 | 0.393 | 36.1 | 22.2 | 1.73 | | 42.8107 | -78.8554 |
| 9/15/2016 15:09 | 12.53 | 68.99 | 0 | 0.044 | 0 | 0 | 0 | 0 | 25 | 0.7 | 0.337 | 36.1 | 22.2 | 1.74 | | 42.8107 | -78.8554 |
| 9/15/2016 15:08 | 12.54 | 66.41 | 0 | 0.044 | 0 | 0 | 0 | 0 | 26 | 4.9 | 0.569 | 36 | 22.3 | 1.76 | | 42.8107 | -78.8554 |
| 9/15/2016 15:07 | 12.53 | 68.48 | 0 | 0.044 | 0 | 0 | 0 | 0 | 26 | 1.9 | 0.537 | 36 | 22.3 | 1.74 | | 42.8107 | -78.8554 |
| 9/15/2016 15:06 | 12.53 | 72.35 | 0 | 0.044 | 0 | 0 | 0 | 0 | 26 | 5.1 | 1.004 | 36 | 22.4 | 1.69 | | 42.8108 | -78.8554 |
| 9/15/2016 15:05 | 12.53 | 69.51 | 0 | 0.044 | 0 | 0 | 0 | 0 | 26 | 2.4 | 1.719 | 36 | 22.4 | 1.54 | | 42.8107 | -78.8554 |
| 9/15/2016 15:04 | 12.53 | 67.83 | 0 | 0.044 | 0 | 0 | 0 | 0 | 25 | 2.1 | 0.485 | 35.9 | 22.5 | 2.85 | | 42.8107 | -78.8554 |
| 9/15/2016 15:03 | 12.53 | 69.77 | 0 | 0.044 | 0 | 0 | 0 | 0 | 25 | 3.1 | 0.755 | 35.8 | 22.5 | 4.08 | | 42.8107 | -78.8554 |
| 9/15/2016 15:02 | 12.54 | 70.54 | 0 | 0.044 | 0 | 0 | 0 | 0 | 25 | 0.3 | 0.337 | 35.7 | 22.6 | 4.47 | | 42.8107 | -78.8554 |
| 9/15/2016 15:01 | 12.54 | 67.31 | 0 | 0.044 | 0 | 0 | 0 | 0 | 25 | 0 | 0.337 | 35.8 | 22.7 | 5.73 | | 42.8107 | -78.8554 |
| 9/15/2016 15:00 | 12.54 | 69.12 | 0 | 0.044 | 0 | 0 | 0 | 0 | 25 | 0.3 | 0.437 | 35.7 | 22.7 | 5.87 | | 42.8107 | -78.8554 |
| 9/15/2016 14:59 | 12.53 | 68.22 | 0 | 0.044 | 0 | 0 | 0 | 0 | 26 | 0.3 | 0.337 | 35.8 | 22.8 | 6.23 | | 42.8107 | -78.8554 |
| 9/15/2016 14:58 | 12.54 | 68.6 | 0 | 0.044 | 0 | 0 | 0 | 0 | 25 | 2.3 | 4 | 35.7 | 22.8 | 6.33 | | 42.8107 | -78.8554 |

BENCHMARK ENVIRONMENTAL ENGINEERING & SCIENCE, PLLC

| Timestamp (GMT-4) | Batt. Voltage (V) | Current (mA) | Low (ppm) | Peak (ppm) | STEL (ppm) | TWA (ppm) | VOC (ppm) | VOC (Avg15) (ppm) | Humidity (%) | Mass (µg/m³) | Particle size (µm) | Temperature (°C) | TWA (µg/m³) | Mass (Avg15) (µg/m³) | TWA (Avg15) (µg/m³) | Latitude | Longitude |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 9/15/2016 14:57 | 12.54 | 66.54 | 0 | 0.044 | 0 | 0 | 0 | 0 | 26 | 1.3 | 0.475 | 35.7 | 22.9 | 6.24 | | 42.8107 | -78.8554 |
| 9/15/2016 14:56 | 12.53 | 76.87 | 0 | 0.044 | 0 | 0 | 0 | 0 | 26 | 0.6 | 0.337 | 35.7 | 23 | 6.29 | | 42.8107 | -78.8554 |
| 9/15/2016 14:55 | 12.55 | 67.7 | 0 | 0.044 | 0 | 0 | 0 | 0 | 26 | 0.8 | 0.422 | 35.6 | 23.1 | 6.27 | | 42.8107 | -78.8554 |
| 9/15/2016 14:54 | 12.54 | 68.48 | 0 | 0.044 | 0 | 0 | 0 | 0 | 25 | 1 | 0.406 | 35.7 | 23.1 | 6.35 | | 42.8107 | -78.8554 |
| 9/15/2016 14:53 | 12.53 | 70.67 | 0 | 0.044 | 0 | 0 | 0 | 0 | 26 | 4.6 | 0.908 | 35.6 | 23.2 | 6.32 | | 42.8107 | -78.8554 |
| 9/15/2016 14:52 | 12.53 | 70.67 | 0 | 0.044 | 0 | 0 | 0 | 0 | 27 | 1.1 | 0.745 | 35.5 | 23.2 | 6.14 | | 42.8107 | -78.8555 |
| 9/15/2016 14:51 | 12.55 | 68.35 | 0 | 0.044 | 0 | 0 | 0 | 0 | 26 | 2.9 | 0.593 | 35.5 | 23.3 | 6.12 | | 42.8107 | -78.8554 |
| 9/15/2016 14:50 | 12.52 | 94.83 | 0 | 0.044 | 0 | 0 | 0 | 0 | 26 | 22 | 4 | 35.5 | 23.3 | 6.89 | | 42.8107 | -78.8554 |
| 9/15/2016 14:49 | 12.55 | 66.8 | 0 | 0.044 | 0 | 0 | 0 | 0 | 25 | 20.6 | 4 | 35.5 | 23.3 | 8.59 | | 42.8107 | -78.8555 |
| 9/15/2016 14:48 | 12.53 | 71.06 | 0 | 0.044 | 0 | 0 | 0 | 0 | 27 | 9 | 4 | 35.3 | 23.3 | 7.29 | | 42.8107 | -78.8554 |
| 9/15/2016 14:47 | 12.54 | 66.28 | 0 | 0.044 | 0 | 0 | 0 | 0 | 27 | 19.2 | 4 | 35.5 | 23.4 | 6.8 | | 42.8107 | -78.8554 |
| 9/15/2016 14:46 | 12.54 | 66.41 | 0 | 0.044 | 0 | 0 | 0 | 0 | 26 | 2 | 0.434 | 35.3 | 23.4 | 5.67 | | 42.8107 | -78.8555 |
| 9/15/2016 14:45 | 12.54 | 69.12 | 0 | 0.044 | 0 | 0 | 0 | 0 | 26 | 5.7 | 0.729 | 35.4 | 23.5 | 5.67 | | 42.8107 | -78.8554 |
| 9/15/2016 14:44 | 12.53 | 69.77 | 0 | 0.044 | 0 | 0 | 0 | 0 | 26 | 1.9 | 0.68 | 35.3 | 23.6 | 5.29 | | 42.8107 | -78.8554 |
| 9/15/2016 14:43 | 12.55 | 70.54 | 0 | 0.044 | 0 | 0 | 0 | 0 | 27 | 0.9 | 0.711 | 35.4 | 23.6 | 5.25 | | 42.8107 | -78.8554 |
| 9/15/2016 14:42 | 12.53 | 71.71 | 0 | 0.044 | 0 | 0 | 0 | 0 | 27 | 2.1 | 0.491 | 35.3 | 23.7 | 5.29 | | 42.8107 | -78.8554 |
| 9/15/2016 14:41 | 12.54 | 70.03 | 0 | 0.044 | 0 | 0 | 0 | 0 | 26 | 0.2 | 0.422 | 35.2 | 23.8 | 5.37 | | 42.8107 | -78.8554 |
| 9/15/2016 14:40 | 12.54 | 67.44 | 0 | 0.044 | 0 | 0 | 0 | 0 | 26 | 2 | 0.427 | 35.2 | 23.8 | 5.56 | | 42.8107 | -78.8554 |
| 9/15/2016 14:39 | 12.53 | 70.03 | 0 | 0.044 | 0 | 0 | 0 | 0 | 27 | 0.6 | 0.453 | 35.2 | 23.9 | 5.43 | | 42.8107 | -78.8554 |
| 9/15/2016 14:38 | 12.54 | 64.99 | 0 | 0.044 | 0 | 0 | 0 | 0 | 26 | 1.9 | 0.449 | 35.2 | 24 | 5.57 | | 42.8108 | -78.8555 |
| 9/15/2016 14:37 | 12.55 | 67.31 | 0 | 0.044 | 0 | 0 | 0 | 0 | 26 | 0.8 | 0.493 | 35.2 | 24 | 8.31 | | 42.8107 | -78.8554 |
| 9/15/2016 14:36 | 12.53 | 67.57 | 0 | 0.044 | 0 | 0 | 0 | 0 | 26 | 14.4 | 4 | 35.1 | 24.1 | 9.28 | | 42.8107 | -78.8554 |
| 9/15/2016 14:35 | 12.54 | 72.87 | 0 | 0.044 | 0 | 0 | 0 | 0 | 26 | 47.6 | 4 | 35.1 | 24.1 | 8.39 | | 42.8107 | -78.8554 |
| 9/15/2016 14:34 | 12.54 | 67.57 | 0 | 0.044 | 0 | 0 | 0 | 0 | 26 | 1 | 0.447 | 35.1 | 24.2 | 5.33 | | 42.8107 | -78.8554 |
| 9/15/2016 14:33 | 12.54 | 66.67 | 0 | 0.044 | 0 | 0 | 0 | 0 | 26 | 1.7 | 0.392 | 35 | 24.2 | 5.37 | | 42.8107 | -78.8554 |
| 9/15/2016 14:32 | 12.53 | 69.9 | 0 | 0.044 | 0 | 0 | 0 | 0 | 26 | 2.3 | 0.526 | 35.1 | 24.3 | 5.27 | | 42.8107 | -78.8554 |
| 9/15/2016 14:31 | 12.55 | 67.44 | 0 | 0.044 | 0 | 0 | 0 | 0 | 26 | 1.9 | 0.664 | 35.1 | 24.4 | 5.18 | | 42.8107 | -78.8554 |
| 9/15/2016 14:30 | 12.54 | 67.83 | 0 | 0.044 | 0 | 0 | 0 | 0 | 26 | 0 | 0.337 | 35 | 24.5 | 5.12 | | 42.8107 | -78.8554 |
| 9/15/2016 14:29 | 12.53 | 72.22 | 0 | 0.044 | 0 | 0 | 0 | 0 | 27 | 1.4 | 0.576 | 35 | 24.5 | 5.25 | | 42.8107 | -78.8554 |
| 9/15/2016 14:28 | 12.53 | 71.45 | 0 | 0.044 | 0 | 0 | 0 | 0 | 26 | 1.4 | 0.447 | 35 | 24.6 | 5.19 | | 42.8107 | -78.8554 |
| 9/15/2016 14:27 | 12.54 | 66.8 | 0 | 0.044 | 0 | 0 | 0 | 0 | 27 | 3.4 | 1.142 | 35 | 24.7 | 5.37 | | 42.8107 | -78.8554 |
| 9/15/2016 14:26 | 12.53 | 69.64 | 0 | 0.044 | 0 | 0 | 0 | 0 | 26 | 3 | 0.9 | 35 | 24.7 | 5.55 | | 42.8107 | -78.8554 |
| 9/15/2016 14:25 | 12.54 | 67.31 | 0 | 0.044 | 0 | 0 | 0 | 0 | 26 | 0 | 0.337 | 34.9 | 24.8 | 5.77 | | 42.8107 | -78.8554 |
| 9/15/2016 14:24 | 12.54 | 69.38 | 0 | 0.044 | 0 | 0 | 0 | 0 | 27 | 2.7 | 0.494 | 34.8 | 24.9 | 5.81 | | 42.8107 | -78.8554 |
| 9/15/2016 14:23 | 12.54 | 67.31 | 0 | 0.044 | 0 | 0 | 0 | 0 | 26 | 43 | 4 | 34.9 | 24.9 | 5.77 | | 42.8107 | -78.8554 |
| 9/15/2016 14:22 | 12.54 | 68.73 | 0 | 0.044 | 0 | 0 | 0 | 0 | 27 | 15.4 | 4 | 34.8 | 24.9 | 3.08 | | 42.8107 | -78.8554 |
| 9/15/2016 14:21 | 12.54 | 67.05 | 0 | 0.044 | 0 | 0 | 0 | 0 | 27 | 1.1 | 0.62 | 34.8 | 25 | 2.07 | | 42.8107 | -78.8554 |
| 9/15/2016 14:20 | 12.53 | 71.96 | 0 | 0.044 | 0 | 0 | 0 | 0 | 26 | 1.7 | 0.604 | 34.7 | 25 | 2.1 | | 42.8107 | -78.8554 |
| 9/15/2016 14:19 | 12.55 | 69.38 | 0 | 0.044 | 0 | 0 | 0 | 0 | 27 | 1.5 | 0.337 | 34.7 | 25.1 | 2.56 | | 42.8107 | -78.8554 |
| 9/15/2016 14:18 | 12.53 | 80.23 | 0 | 0.044 | 0 | 0 | 0 | 0 | 27 | 0.2 | 0.337 | 34.7 | 25.2 | 15.31 | | 42.8107 | -78.8554 |
| 9/15/2016 14:17 | 12.54 | 67.18 | 0 | 0.044 | 0 | 0 | 0 | 0 | 27 | 1 | 0.527 | 34.7 | 25.3 | 15.51 | | 42.8107 | -78.8554 |
| 9/15/2016 14:16 | 12.54 | 70.93 | 0 | 0.044 | 0 | 0 | 0 | 0 | 27 | 1 | 0.42 | 34.7 | 25.4 | 15.53 | | 42.8107 | -78.8554 |
| 9/15/2016 14:15 | 12.54 | 70.67 | 0 | 0.044 | 0 | 0 | 0 | 0 | 27 | 2 | 0.381 | 34.6 | 25.4 | 53.79 | | 42.8107 | -78.8554 |
| 9/15/2016 14:14 | 12.54 | 69.51 | 0 | 0.044 | 0 | 0 | 0 | 0 | 27 | 0.5 | 0.337 | 34.6 | 25.5 | 60.43 | | 42.8107 | -78.8554 |
| 9/15/2016 14:13 | 12.53 | 67.05 | 0 | 0.044 | 0 | 0 | 0 | 0 | 27 | 4.1 | 4 | 34.6 | 25.6 | 60.45 | | 42.8107 | -78.8554 |
| 9/15/2016 14:12 | 12.53 | 68.99 | 0 | 0.044 | 0 | 0 | 0 | 0 | 26 | 6.1 | 4 | 34.5 | 25.7 | 60.69 | | 42.8107 | -78.8554 |
| 9/15/2016 14:11 | 12.53 | 72.74 | 0 | 0.044 | 0 | 0 | 0 | 0 | 27 | 6.2 | 1.327 | 34.5 | 25.8 | 84.54 | | 42.8107 | -78.8554 |
| 9/15/2016 14:10 | 12.54 | 69.12 | 0 | 0.044 | 0 | 0 | 0 | 0 | 27 | 0.7 | 0.343 | 34.5 | 25.2 | 84.29 | | 42.8107 | -78.8554 |
| 9/15/2016 14:09 | 12.53 | 71.83 | 0 | 0.044 | 0 | 0 | 0 | 0 | 27 | 2.1 | 0.337 | 34.5 | 25.3 | 84.31 | | 42.8107 | -78.8554 |
| 9/15/2016 14:08 | 12.55 | 70.28 | 0 | 0.044 | 0 | 0 | 0 | 0 | 28 | 2.6 | 0.445 | 34.4 | 25.4 | 101.95 | | 42.8107 | -78.8554 |
| 9/15/2016 14:07 | 12.53 | 67.44 | 0 | 0.044 | 0 | 0 | 0 | 0 | 27 | 0.3 | 0.337 | 34.4 | 25.5 | 102.24 | | 42.8107 | -78.8554 |
| 9/15/2016 14:06 | 12.54 | 66.54 | 0 | 0.044 | 0 | 0 | 0 | 0 | 27 | 1.5 | 0.573 | 34.4 | 25.5 | 102.32 | | 42.8107 | -78.8554 |
| 9/15/2016 14:05 | 12.54 | 67.18 | 0 | 0.044 | 0 | 0 | 0 | 0 | 28 | 8.6 | 4 | 34.3 | 25.5 | 285.47 | | 42.8107 | -78.8554 |
| 9/15/2016 14:04 | 12.54 | 66.67 | 0 | 0.044 | 0 | 0 | 0 | 0 | 27 | 192.8 | 4 | 34.3 | 25.6 | 287.18 | | 42.8107 | -78.8554 |

| Timestamp (GMT-4) | Batt. Voltage (V) | Current (mA) | Low (ppm) | Peak (ppm) | STEL (ppm) | TWA (ppm) | VOC (ppm) | VOC (Avg15) (ppm) | Humidity (%) | Mass (µg/m³) | Particle size (µm) | Temperature (°C) | TWA (µg/m³) | Mass (Avg15) (µg/m³) | TWA (Avg15) (µg/m³) | Latitude | Longitude |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 9/15/2016 14:03 | 12.54 | 70.16 | 0 | 0.044 | 0 | 0 | 0 | 0 | 28 | 3.2 | 0.645 | 34.3 | 25.1 | 275.02 | | 42.8107 | -78.8554 |
| 9/15/2016 14:02 | 12.53 | 70.41 | 0 | 0.044 | 0 | 0 | 0 | 0 | 27 | 1.2 | 0.58 | 34.2 | 25.1 | 293.81 | | 42.8107 | -78.8554 |
| 9/15/2016 14:01 | 12.53 | 68.35 | 0 | 0.044 | 0 | 0 | 0 | 0 | 27 | 575 | 4 | 34.2 | 25 | 293.89 | | 42.8107 | -78.8554 |
| 9/15/2016 14:00 | 12.53 | 68.99 | 0 | 0.044 | 0 | 0 | 0 | 0 | 27 | 101.5 | 4 | 34.1 | 24.7 | 288.04 | | 42.8107 | -78.8554 |
| 9/15/2016 13:59 | 12.53 | 69.64 | 0 | 0.044 | 0 | 0 | 0 | 0 | 28 | 0.8 | 0.422 | 34.2 | 24.6 | 281.41 | | 42.8107 | -78.8554 |
| 9/15/2016 13:58 | 12.53 | 71.83 | 0 | 0.044 | 0 | 0 | 0 | 0 | 28 | 7.8 | 0.903 | 34.1 | 24.6 | 281.36 | | 42.8107 | -78.8554 |
| 9/15/2016 13:57 | 12.54 | 67.31 | 0 | 0.044 | 0 | 0 | 0 | 0 | 28 | 363.8 | 4 | 34 | 24.6 | 281 | | 42.8107 | -78.8554 |
| 9/15/2016 13:56 | 12.55 | 69.51 | 0 | 0.044 | 0 | 0 | 0 | 0 | 27 | 2.4 | 0.528 | 34 | 24.2 | 257.13 | | 42.8107 | -78.8554 |
| 9/15/2016 13:55 | 12.54 | 67.31 | 0 | 0.044 | 0 | 0 | 0 | 0 | 28 | 1 | 0.497 | 34.1 | 23.8 | 256.97 | | 42.8107 | -78.8554 |
| 9/15/2016 13:54 | 12.53 | 71.71 | 0 | 0.044 | 0 | 0 | 0 | 0 | 28 | 266.8 | 4 | 34 | 23.7 | 256.95 | | 42.8107 | -78.8554 |
| 9/15/2016 13:53 | 12.54 | 65.76 | 0 | 0.044 | 0 | 0 | 0 | 0 | 28 | 6.9 | 4 | 33.9 | 23.6 | 243.51 | | 42.8107 | -78.8554 |
| 9/15/2016 13:52 | 12.54 | 67.44 | 0 | 0.044 | 0 | 0 | 0 | 0 | 28 | 1.5 | 0.511 | 33.8 | 22.8 | 243.1 | | 42.8107 | -78.8554 |
| 9/15/2016 13:51 | 12.53 | 68.73 | 0 | 0.044 | 0 | 0 | 0 | 0 | 28 | 2748.7 | 4 | 33.9 | 22.6 | 255.45 | | 42.8107 | -78.8554 |
| 9/15/2016 13:50 | 12.53 | 68.35 | 0 | 0.044 | 0 | 0 | 0 | 0 | 27 | 34.3 | 4 | 33.8 | 20.2 | 72.24 | | 42.8107 | -78.8554 |
| 9/15/2016 13:49 | 12.54 | 67.05 | 0 | 0.044 | 0 | 0 | 0 | 0 | 29 | 10.4 | 4 | 33.8 | 19.1 | 69.97 | | 42.8107 | -78.8554 |
| 9/15/2016 13:48 | 12.54 | 68.22 | 0 | 0.044 | 0 | 0 | 0 | 0 | 28 | 285.1 | 4 | 33.7 | 19 | 69.41 | | 42.8107 | -78.8554 |
| 9/15/2016 13:47 | 12.54 | 78.55 | 0 | 0.044 | 0 | 0 | 0 | 0 | 28 | 2.4 | 0.551 | 33.7 | 18.8 | 50.63 | | 42.8107 | -78.8554 |
| 9/15/2016 13:46 | 12.53 | 65.89 | 0 | 0.044 | 0 | 0 | 0 | 0 | 28 | 487.2 | 4 | 33.7 | 18.8 | 54.07 | | 42.8107 | -78.8555 |
| 9/15/2016 13:45 | 12.54 | 67.18 | 0 | 0.044 | 0 | 0 | 0 | 0 | 28 | 2.1 | 0.596 | 33.6 | 18.4 | 19.27 | | 42.8107 | -78.8555 |
| 9/15/2016 13:44 | 12.55 | 66.93 | 0 | 0.044 | 0 | 0 | 0 | 0 | 27 | 0 | 0.337 | 33.7 | 18.5 | 19.16 | | 42.8107 | -78.8554 |
| 9/15/2016 13:43 | 12.54 | 70.16 | 0 | 0.044 | 0 | 0 | 0 | 0 | 28 | 2.4 | 0.538 | 33.5 | 18.5 | 19.23 | | 42.8107 | -78.8554 |
| 9/15/2016 13:42 | 12.54 | 65.89 | 0 | 0.044 | 0 | 0 | 0 | 0 | 28 | 5.7 | 0.376 | 33.5 | 18.6 | 19.19 | | 42.8107 | -78.8554 |
| 9/15/2016 13:41 | 12.55 | 70.28 | 0 | 0.044 | 0 | 0 | 0 | 0 | 27 | 0 | 0.337 | 33.6 | 18.7 | 18.91 | | 42.8107 | -78.8554 |
| 9/15/2016 13:40 | 12.53 | 67.83 | 0 | 0.044 | 0 | 0 | 0 | 0 | 28 | 0.8 | 0.385 | 33.3 | 18.7 | 19.04 | | 42.8107 | -78.8554 |
| 9/15/2016 13:39 | 12.55 | 68.48 | 0 | 0.044 | 0 | 0 | 0 | 0 | 27 | 65.1 | 4 | 33.5 | 18.8 | 18.99 | | 42.8107 | -78.8554 |
| 9/15/2016 13:38 | 12.55 | 67.96 | 0 | 0.044 | 0 | 0 | 0 | 0 | 28 | 0.8 | 0.438 | 33.5 | 18.8 | 14.45 | | 42.8107 | -78.8555 |
| 9/15/2016 13:37 | 12.54 | 67.18 | 0 | 0.044 | 0 | 0 | 0 | 0 | 27 | 186.7 | 4 | 33.4 | 18.8 | 14.39 | | 42.8107 | -78.8554 |
| 9/15/2016 13:36 | 12.55 | 68.48 | 0 | 0.044 | 0 | 0 | 0 | 0 | 28 | 0.6 | 0.534 | 33.3 | 18.7 | 1.41 | | 42.8107 | -78.8554 |
| 9/15/2016 13:35 | 12.54 | 68.09 | 0 | 0.044 | 0 | 0 | 0 | 0 | 28 | 0.3 | 0.339 | 33.3 | 18.8 | 1.5 | | 42.8107 | -78.8554 |
| 9/15/2016 13:34 | 12.54 | 68.48 | 0 | 0.044 | 0 | 0 | 0 | 0 | 28 | 2 | 0.569 | 33.2 | 18.8 | 1.49 | | 42.8107 | -78.8554 |
| 9/15/2016 13:33 | 12.55 | 65.89 | 0 | 0.044 | 0 | 0 | 0 | 0 | 29 | 3.3 | 4 | 33.2 | 18.6 | 1.47 | | 42.8107 | -78.8554 |
| 9/15/2016 13:31 | | | 0 | 0.044 | 0 | 0 | 0 | 0 | 28 | 0 | 0.337 | 33.1 | 18.1 | 1.26 | | 42.8108 | -78.8554 |
| 9/15/2016 13:30 | 12.54 | 69.64 | 0 | 0.044 | 0 | 0 | 0 | 0 | 28 | 0.5 | 0.345 | 33.2 | 18.2 | 1.32 | | 42.8107 | -78.8554 |
| 9/15/2016 13:29 | 12.55 | 76.62 | 0 | 0.044 | 0 | 0 | 0 | 0 | 28 | 1 | 0.629 | 33.1 | 18.2 | 1.36 | | 42.8107 | -78.8554 |
| 9/15/2016 13:28 | 12.55 | 68.22 | 0 | 0.044 | 0 | 0 | 0 | 0 | 28 | 1.9 | 0.821 | 33.1 | 18.3 | 1.31 | | 42.8107 | -78.8554 |
| 9/15/2016 13:27 | 12.54 | 67.96 | 0 | 0.044 | 0 | 0 | 0 | 0 | 28 | 1.7 | 0.58 | 33.1 | 18.4 | 1.2 | | 42.8108 | -78.8554 |
| 9/15/2016 13:26 | 12.53 | 74.94 | 0 | 0.044 | 0 | 0 | 0 | 0 | 28 | 1.9 | 0.651 | 33 | 18.5 | 1.09 | | 42.8108 | -78.8554 |
| 9/15/2016 13:25 | 12.52 | 83.72 | 0 | 0.044 | 0 | 0 | 0 | 0 | 28 | 0 | 0.358 | 33 | 18.5 | 0.99 | | 42.8107 | -78.8554 |
| 9/15/2016 13:24 | 12.53 | 68.35 | 0 | 0.044 | 0 | 0 | 0 | 0 | 28 | 1.6 | 0.37 | 33 | 18.6 | 1.45 | | 42.8107 | -78.8554 |
| 9/15/2016 13:23 | 12.53 | 69.77 | 0 | 0.044 | 0 | 0 | 0 | 0 | 29 | 0 | 0.337 | 32.8 | 18.7 | 1.95 | | 42.8107 | -78.8554 |
| 9/15/2016 13:22 | 12.53 | 78.29 | 0 | 0.044 | 0 | 0 | 0 | 0 | 29 | 4.9 | 4 | 32.8 | 18.7 | 2.71 | | 42.8107 | -78.8555 |
| 9/15/2016 13:21 | 12.55 | 68.6 | 0 | 0.044 | 0 | 0 | 0 | 0 | 28 | 1.9 | 0.502 | 32.8 | 18.8 | 2.95 | | 42.8107 | -78.8554 |
| 9/15/2016 13:20 | 12.53 | 68.48 | 0 | 0.044 | 0 | 0 | 0 | 0 | 29 | 0.1 | 0.342 | 32.7 | 18.9 | 2.89 | | 42.8107 | -78.8554 |
| 9/15/2016 13:19 | 12.54 | 71.06 | 0 | 0.044 | 0 | 0 | 0 | 0 | 28 | 1.8 | 0.917 | 32.6 | 18.9 | 3.11 | | 42.8107 | -78.8554 |
| 9/15/2016 13:18 | 12.54 | 67.31 | 0 | 0.044 | 0 | 0 | 0 | 0 | 29 | 1.2 | 0.484 | 32.7 | 19 | 3 | | 42.8107 | -78.8554 |
| 9/15/2016 13:17 | 12.54 | 68.6 | 0 | 0.044 | 0 | 0 | 0 | 0 | 29 | 0.4 | 0.337 | 32.7 | 19.1 | 3.02 | | 42.8107 | -78.8554 |
| 9/15/2016 13:16 | 12.53 | 83.72 | 0 | 0.044 | 0 | 0 | 0 | 0 | 29 | 0.9 | 0.487 | 32.7 | 19.2 | 3.05 | | 42.8107 | -78.8554 |
| 9/15/2016 13:15 | 12.53 | 74.68 | 0 | 0.044 | 0 | 0 | 0 | 0 | 29 | 1.1 | 0.651 | 32.6 | 19.2 | 3.07 | | 42.8107 | -78.8554 |
| 9/15/2016 13:14 | 12.54 | 70.93 | 0 | 0.044 | 0 | 0 | 0 | 0 | 30 | 0.2 | 0.444 | 32.5 | 19.3 | 3.13 | | 42.8107 | -78.8554 |
| 9/15/2016 13:13 | 12.55 | 66.67 | 0 | 0.044 | 0 | 0 | 0 | 0 | 29 | 0.3 | 0.363 | 32.5 | 19.4 | 3.13 | | 42.8108 | -78.8554 |
| 9/15/2016 13:12 | 12.54 | 69.25 | 0 | 0.044 | 0 | 0 | 0 | 0 | 29 | 0 | 0.337 | 32.5 | 19.5 | 3.13 | | 42.8108 | -78.8554 |
| 9/15/2016 13:11 | 12.54 | 69.25 | 0 | 0.044 | 0 | 0 | 0 | 0 | 30 | 0.5 | 0.337 | 32.3 | 19.6 | 3.18 | | 42.8108 | -78.8554 |
| 9/15/2016 13:10 | 12.54 | 70.8 | 0 | 0.044 | 0 | 0 | 0 | 0 | 29 | 6.8 | 2.204 | 32.4 | 19.6 | 3.17 | | 42.8108 | -78.8554 |
| 9/15/2016 13:09 | 12.54 | 67.83 | 0 | 0.044 | 0 | 0 | 0 | 0 | 29 | 9.2 | 1.217 | 32.3 | 19.7 | 2.76 | | 42.8108 | -78.8554 |

BENCHMARK ENVIRONMENTAL ENGINEERING & SCIENCE, PLLC

| Timestamp (GMT-4) | Batt. Voltage (V) | Current (mA) | Low (ppm) | Peak (ppm) | STEL (ppm) | TWA (ppm) | VOC (ppm) | VOC (Avg15) (ppm) | Humidity (%) | Mass (µg/m³) | Particle size (µm) | Temperature (°C) | TWA (µg/m³) | Mass (Avg15) (µg/m³) | TWA (Avg15) (µg/m³) | Latitude | Longitude |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 9/15/2016 13:08 | 12.55 | 66.67 | 0 | 0.044 | 0 | 0 | 0 | 0 | 30 | 11.3 | 4 | 32.3 | 19.7 | 2.25 | | 42.8108 | -78.8554 |
| 9/15/2016 13:07 | 12.53 | 72.22 | 0 | 0.044 | 0 | 0 | 0 | 0 | 30 | 8.5 | 0.558 | 32.3 | 19.8 | 1.8 | | 42.8108 | -78.8554 |
| 9/15/2016 13:06 | 12.54 | 65.89 | 0 | 0.044 | 0 | 0 | 0 | 0 | 29 | 1 | 0.475 | 32.2 | 19.7 | 1.49 | | 42.8108 | -78.8554 |
| 9/15/2016 13:05 | 12.55 | 67.44 | 0 | 0.044 | 0 | 0 | 0 | 0 | 31 | 3.4 | 0.496 | 32.2 | 19.8 | 1.45 | | 42.8107 | -78.8555 |
| 9/15/2016 13:04 | 12.55 | 70.8 | 0 | 0.044 | 0 | 0 | 0 | 0 | 31 | 0.2 | 0.356 | 32.2 | 19.9 | 1.79 | | 42.8107 | -78.8554 |
| 9/15/2016 13:03 | 12.53 | 67.7 | 0 | 0.044 | 0 | 0 | 0 | 0 | 31 | 1.5 | 0.424 | 32 | 20 | 1.93 | | 42.8108 | -78.8554 |
| 9/15/2016 13:02 | 12.54 | 67.05 | 0 | 0.044 | 0 | 0 | 0 | 0 | 31 | 0.9 | 0.523 | 32 | 20 | 2.1 | | 42.8107 | -78.8554 |
| 9/15/2016 13:01 | 12.53 | 69.51 | 0 | 0.044 | 0 | 0 | 0 | 0 | 30 | 1.2 | 0.358 | 32 | 20.1 | 2.22 | | 42.8107 | -78.8554 |
| 9/15/2016 13:00 | 12.55 | 68.35 | 0 | 0.044 | 0 | 0 | 0 | 0 | 31 | 1.9 | 0.504 | 31.8 | 20.2 | 2.34 | | 42.8108 | -78.8554 |
| 9/15/2016 12:59 | 12.54 | 67.96 | 0 | 0.044 | 0 | 0 | 0 | 0 | 30 | 0.3 | 0.337 | 31.9 | 20.3 | 2.25 | | 42.8108 | -78.8554 |
| 9/15/2016 12:58 | 12.54 | 70.16 | 0 | 0.044 | 0 | 0 | 0 | 0 | 30 | 0.2 | 0.337 | 31.9 | 20.4 | 2.33 | | 42.8108 | -78.8554 |
| 9/15/2016 12:57 | 12.54 | 71.58 | 0 | 0.044 | 0 | 0 | 0 | 0 | 31 | 0.8 | 0.345 | 31.8 | 20.5 | 2.68 | | 42.8107 | -78.8554 |
| 9/15/2016 12:56 | 12.54 | 66.15 | 0 | 0.044 | 0 | 0 | 0 | 0 | 30 | 0.4 | 0.34 | 31.8 | 20.5 | 3.01 | | 42.8108 | -78.8554 |
| 9/15/2016 12:55 | 12.54 | 73.26 | 0 | 0.044 | 0 | 0 | 0 | 0 | 31 | 0.6 | 0.432 | 31.7 | 20.6 | 3 | | 42.8108 | -78.8554 |
| 9/15/2016 12:54 | 12.53 | 79.59 | 0 | 0.044 | 0 | 0 | 0 | 0 | 31 | 1.6 | 0.495 | 31.7 | 20.7 | 3.19 | | 42.8108 | -78.8554 |
| 9/15/2016 12:53 | 12.55 | 65.37 | 0 | 0.044 | 0 | 0 | 0 | 0 | 31 | 4.5 | 0.784 | 31.5 | 20.8 | 3.13 | | 42.8107 | -78.8554 |
| 9/15/2016 12:52 | 12.54 | 65.76 | 0 | 0.044 | 0 | 0 | 0 | 0 | 32 | 3.8 | 4 | 31.6 | 20.9 | 2.91 | | 42.8107 | -78.8554 |
| 9/15/2016 12:51 | 12.55 | 69.51 | 0 | 0.044 | 0 | 0 | 0 | 0 | 31 | 0.4 | 0.372 | 31.5 | 21 | 2.89 | | 42.8107 | -78.8555 |
| 9/15/2016 12:50 | 12.53 | 74.42 | 0 | 0.044 | 0 | 0 | 0 | 0 | 32 | 8.5 | 4 | 31.5 | 21.1 | 2.97 | | 42.8108 | -78.8554 |
| 9/15/2016 12:49 | 12.54 | 69.38 | 0 | 0.044 | 0 | 0 | 0 | 0 | 31 | 2.3 | 0.394 | 31.5 | 21.1 | 2.41 | | 42.8108 | -78.8554 |
| 9/15/2016 12:48 | 12.53 | 75.58 | 0 | 0.044 | 0 | 0 | 0 | 0 | 32 | 4.1 | 4 | 31.3 | 21.2 | 2.57 | | 42.8108 | -78.8554 |
| 9/15/2016 12:47 | 12.53 | 77.52 | 0 | 0.044 | 0 | 0 | 0 | 0 | 32 | 2.7 | 0.652 | 31.2 | 21.3 | 2.43 | | 42.8107 | -78.8554 |
| 9/15/2016 12:46 | 12.53 | 73.51 | 0 | 0.044 | 0 | 0 | 0 | 0 | 31 | 3 | 0.66 | 31.2 | 21.4 | 2.35 | | 42.8107 | -78.8554 |
| 9/15/2016 12:45 | 12.53 | 70.16 | 0 | 0.044 | 0 | 0 | 0 | 0 | 31 | 0.6 | 0.464 | 31.2 | 21.5 | 2.25 | | 42.8108 | -78.8554 |
| 9/15/2016 12:44 | 12.54 | 64.99 | 0 | 0.044 | 0 | 0 | 0 | 0 | 31 | 1.5 | 0.418 | 31.1 | 21.6 | 5.38 | | 42.8108 | -78.8554 |
| 9/15/2016 12:43 | 12.52 | 81.91 | 0 | 0.044 | 0 | 0 | 0 | 0 | 31 | 5.4 | 4 | 31.1 | 21.7 | 6.97 | | 42.8107 | -78.8554 |
| 9/15/2016 12:42 | 12.55 | 70.8 | 0 | 0.044 | 0 | 0 | 0 | 0 | 31 | 5.7 | 0.728 | 31.2 | 21.8 | 7.84 | | 42.8107 | -78.8554 |
| 9/15/2016 12:41 | 12.54 | 70.28 | 0 | 0.044 | 0 | 0 | 0 | 0 | 32 | 0.3 | 0.466 | 31.1 | 21.9 | 7.82 | | 42.8107 | -78.8554 |
| 9/15/2016 12:40 | 12.54 | 68.73 | 0 | 0.044 | 0 | 0 | 0 | 0 | 32 | 3.5 | 0.619 | 31 | 22 | 28.85 | | 42.8107 | -78.8554 |
| 9/15/2016 12:39 | 12.55 | 69.25 | 0 | 0.044 | 0 | 0 | 0 | 0 | 31 | 0.6 | 0.37 | 31 | 22.1 | 30.49 | | 42.8107 | -78.8554 |
| 9/15/2016 12:38 | 12.53 | 71.19 | 0 | 0.044 | 0 | 0 | 0 | 0 | 32 | 1.3 | 0.462 | 31 | 22.2 | 33.01 | | 42.8107 | -78.8554 |
| 9/15/2016 12:37 | 12.53 | 71.19 | 0 | 0.044 | 0 | 0 | 0 | 0 | 31 | 3.4 | 0.505 | 30.9 | 22.2 | 33.64 | | 42.8107 | -78.8554 |
| 9/15/2016 12:36 | 12.54 | 65.63 | 0 | 0.044 | 0 | 0 | 0 | 0 | 32 | 1.6 | 0.451 | 30.8 | 22.3 | 34.82 | | 42.8107 | -78.8554 |
| 9/15/2016 12:35 | 12.52 | 85.01 | 0 | 0.044 | 0 | 0 | 0 | 0 | 32 | 0.1 | 0.349 | 30.8 | 22.5 | 35.48 | | 42.8108 | -78.8554 |
| 9/15/2016 12:34 | 12.53 | 71.45 | 0 | 0.044 | 0 | 0 | 0 | 0 | 32 | 4.7 | 1.159 | 30.7 | 22.6 | 35.53 | | 42.8108 | -78.8554 |
| 9/15/2016 12:33 | 12.54 | 75.45 | 0 | 0.044 | 0 | 0 | 0 | 0 | 32 | 2.1 | 4 | 30.7 | 22.6 | 35.29 | | 42.8107 | -78.8554 |
| 9/15/2016 12:32 | 12.54 | 68.35 | 0 | 0.044 | 0 | 0 | 0 | 0 | 31 | 1.4 | 0.347 | 30.8 | 22.7 | 36.11 | | 42.8108 | -78.8554 |
| 9/15/2016 12:31 | 12.53 | 66.67 | 0 | 0.044 | 0 | 0 | 0 | 0 | 32 | 1.6 | 0.581 | 30.7 | 22.9 | 36.09 | | 42.8108 | -78.8554 |
| 9/15/2016 12:30 | 12.54 | 66.8 | 0 | 0.044 | 0 | 0 | 0 | 0 | 32 | 47.5 | 4 | 30.7 | 23 | 36.11 | | 42.8107 | -78.8554 |
| 9/15/2016 12:29 | 12.53 | 72.35 | 0 | 0.044 | 0 | 0 | 0 | 0 | 32 | 25.3 | 4 | 30.6 | 22.7 | 35.47 | | 42.8107 | -78.8554 |
| 9/15/2016 12:28 | 12.54 | 66.54 | 0 | 0.044 | 0 | 0 | 0 | 0 | 32 | 18.5 | 4 | 30.6 | 22.8 | 35.11 | | 42.8107 | -78.8554 |
| 9/15/2016 12:27 | 12.53 | 73.64 | 0 | 0.044 | 0 | 0 | 0 | 0 | 32 | 5.4 | 0.442 | 30.6 | 22.8 | 35.11 | | 42.8107 | -78.8554 |
| 9/15/2016 12:26 | 12.53 | 72.35 | 0 | 0.044 | 0 | 0 | 0 | 0 | 32 | 315.8 | 4 | 30.5 | 21.9 | 36.39 | | 42.8107 | -78.8554 |
| 9/15/2016 12:25 | 12.55 | 68.09 | 0 | 0.044 | 0 | 0 | 0 | 0 | 33 | 28 | 4 | 30.5 | 21.4 | 15.53 | | 42.8108 | -78.8554 |
| 9/15/2016 12:24 | 12.55 | 69.64 | 0 | 0.044 | 0 | 0 | 0 | 0 | 33 | 38.4 | 4 | 30.5 | 21.4 | 14.09 | | 42.8107 | -78.8554 |
| 9/15/2016 12:23 | 12.55 | 70.16 | 0 | 0.044 | 0 | 0 | 0 | 0 | 33 | 10.8 | 2.199 | 30.4 | 21.4 | 11.81 | | 42.8107 | -78.8554 |
| 9/15/2016 12:22 | 12.54 | 68.22 | 0 | 0.044 | 0 | 0 | 0 | 0 | 32 | 21.1 | 4 | 30.3 | 21.4 | 11.1 | | 42.8107 | -78.8554 |
| 9/15/2016 12:21 | 12.53 | 71.32 | 0 | 0.044 | 0 | 0 | 0 | 0 | 33 | 11.5 | 2.894 | 30.3 | 21.4 | 9.79 | | 42.8107 | -78.8554 |
| 9/15/2016 12:20 | 12.54 | 70.41 | 0 | 0.044 | 0 | 0 | 0 | 0 | 33 | 0.9 | 0.414 | 30.3 | 21.5 | 9.76 | | 42.8107 | -78.8555 |
| 9/15/2016 12:19 | 12.55 | 70.16 | 0 | 0.044 | 0 | 0 | 0 | 0 | 32 | 1 | 0.534 | 30.2 | 21.6 | 9.78 | | 42.8107 | -78.8555 |
| 9/15/2016 12:18 | 12.54 | 67.44 | 0 | 0.044 | 0 | 0 | 0 | 0 | 32 | 14.4 | 2.57 | 30.2 | 21.6 | 10.9 | | 42.8107 | -78.8554 |
| 9/15/2016 12:17 | 12.54 | 73 | 0 | 0.044 | 0 | 0 | 0 | 0 | 33 | 1.2 | 0.378 | 30.2 | 21.7 | 18 | | 42.8107 | -78.8554 |
| 9/15/2016 12:16 | 12.53 | 75.32 | 0 | 0.044 | 0 | 0 | 0 | 0 | 33 | 1.9 | 0.365 | 30.1 | 21.8 | 18.06 | | 42.8107 | -78.8554 |
| 9/15/2016 12:15 | 12.53 | 70.8 | 0 | 0.044 | 0 | 0 | 0 | 0 | 33 | 37.9 | 4 | 30.1 | 21.9 | 19.21 | | 42.8107 | -78.8554 |

| Timestamp (GMT-4) | Batt. Voltage (V) | Current (mA) | Low (ppm) | Peak (ppm) | STEL (ppm) | TWA (ppm) | VOC (ppm) | VOC (Avg15) (ppm) | Humidity (%) | Mass (µg/m³) | Particle size (µm) | Temperature (°C) | TWA (µg/m³) | Mass (Avg15) (µg/m³) | TWA (Avg15) (µg/m³) | Latitude | Longitude |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 9/15/2016 12:14 | 12.53 | 74.16 | 0 | 0.044 | 0 | 0 | 0 | 0 | 34 | 19.9 | 4 | 30 | 21.5 | 16.59 | | 42.8107 | -78.8554 |
| 9/15/2016 12:13 | 12.53 | 81.14 | 0 | 0.044 | 0 | 0 | 0 | 0 | 33 | 18.5 | 4 | 30 | 21.6 | 15.24 | | 42.8107 | -78.8554 |
| 9/15/2016 12:12 | 12.54 | 67.83 | 0 | 0.044 | 0 | 0 | 0 | 0 | 34 | 24.5 | 4 | 30 | 21 | 13.99 | | 42.8107 | -78.8554 |
| 9/15/2016 12:11 | 12.55 | 67.44 | 0 | 0.044 | 0 | 0 | 0 | 0 | 33 | 2.9 | 0.705 | 29.8 | 21.1 | 12.31 | | 42.8107 | -78.8554 |
| 9/15/2016 12:10 | 12.53 | 77.78 | 0 | 0.044 | 0 | 0 | 0 | 0 | 34 | 6.4 | 3.368 | 29.8 | 21.1 | 12.26 | | 42.8107 | -78.8554 |
| 9/15/2016 12:09 | 12.55 | 67.96 | 0 | 0.044 | 0 | 0 | 0 | 0 | 34 | 4.2 | 0.625 | 29.7 | 21.2 | 12.71 | | 42.8108 | -78.8554 |
| 9/15/2016 12:08 | 12.54 | 67.7 | 0 | 0.044 | 0 | 0 | 0 | 0 | 34 | 0.2 | 0.397 | 29.7 | 21.3 | 13.42 | | 42.8108 | -78.8555 |
| 9/15/2016 12:07 | 12.55 | 67.18 | 0 | 0.044 | 0 | 0 | 0 | 0 | 34 | 1.5 | 0.525 | 29.7 | 21.4 | 13.48 | | 42.8108 | -78.8554 |
| 9/15/2016 12:06 | 12.54 | 70.03 | 0 | 0.044 | 0 | 0 | 0 | 0 | 35 | 11 | 1.331 | 29.6 | 21.5 | 14.11 | | 42.8108 | -78.8554 |
| 9/15/2016 12:05 | 12.54 | 68.48 | 0 | 0.044 | 0 | 0 | 0 | 0 | 34 | 1.2 | 0.338 | 29.6 | 21.5 | 13.19 | | 42.8108 | -78.8554 |
| 9/15/2016 12:04 | 12.53 | 75.19 | 0 | 0.044 | 0 | 0 | 0 | 0 | 34 | 17.8 | 4 | 29.5 | 21.6 | 14.63 | | 42.8108 | -78.8554 |
| 9/15/2016 12:03 | 12.55 | 65.89 | 0 | 0.044 | 0 | 0 | 0 | 0 | 34 | 120.9 | 4 | 29.5 | 21 | 14.89 | | 42.8107 | -78.8554 |
| 9/15/2016 12:02 | 12.52 | 83.98 | 0 | 0.044 | 0 | 0 | 0 | 0 | 34 | 2.1 | 0.496 | 29.4 | 21.1 | 5.5 | | 42.8108 | -78.8554 |
| 9/15/2016 12:01 | 12.52 | 85.53 | 0 | 0.044 | 0 | 0 | 0 | 0 | | | | | | | | 42.8107 | -78.8554 |
| 9/15/2016 12:00 | 12.54 | 68.73 | 0 | 0.044 | 0 | 0 | 0 | 0 | 34 | 1.1 | 0.397 | 29.5 | 21.2 | 5.37 | | 42.8108 | -78.8555 |
| 9/15/2016 11:59 | 12.53 | 72.87 | 0 | 0.044 | 0 | 0 | 0 | 0 | 34 | 1.1 | 0.439 | 29.3 | 21.4 | 10.35 | | 42.8107 | -78.8554 |
| 9/15/2016 11:58 | 12.55 | 66.93 | 0 | 0.044 | 0 | 0 | 0 | 0 | 34 | 0.9 | 0.39 | 29.3 | 21.5 | 11.37 | | 42.8107 | -78.8554 |
| 9/15/2016 11:57 | 12.54 | 69.77 | 0 | 0.044 | 0 | 0 | 0 | 0 | 35 | 1 | 0.679 | 29.3 | 21.6 | 11.79 | | 42.8107 | -78.8555 |
| 9/15/2016 11:56 | 12.55 | 70.67 | 0 | 0.044 | 0 | 0 | 0 | 0 | 34 | 2.2 | 0.498 | 29.2 | 21.7 | 11.92 | | 42.8107 | -78.8554 |
| 9/15/2016 11:53 | 12.54 | 67.7 | 0 | 0.044 | 0 | 0 | 0 | 0 | 35 | 1 | 0.739 | 29.2 | 22 | 10.87 | | 42.8107 | -78.8554 |
| 9/15/2016 11:52 | 12.52 | 85.01 | 0 | 0.044 | 0 | 0 | 0 | 0 | 34 | 9 | 4 | 29.1 | 22.1 | 11.47 | | 42.8107 | -78.8555 |
| 9/15/2016 11:51 | 12.55 | 67.57 | 0 | 0.044 | 0 | 0 | 0 | 0 | 36 | 0 | 0.337 | 29.1 | 22.2 | 11.61 | | 42.8107 | -78.8555 |
| 9/15/2016 11:50 | 12.53 | 71.19 | 0 | 0.044 | 0 | 0 | 0 | 0 | 35 | 18.4 | 4 | 29 | 22.3 | 23.8 | | 42.8107 | -78.8554 |
| 9/15/2016 11:49 | 12.53 | 71.83 | 0 | 0.044 | 0 | 0 | 0 | 0 | 36 | 21 | 4 | 29 | 22.2 | 23.78 | | 42.8107 | -78.8554 |
| 9/15/2016 11:48 | 12.54 | 72.74 | 0 | 0.044 | 0 | 0 | 0 | 0 | 36 | 8.2 | 4 | 28.9 | 22.2 | 23.11 | | 42.8107 | -78.8554 |
| 9/15/2016 11:47 | 12.54 | 70.03 | 0 | 0.044 | 0 | 0 | 0 | 0 | 36 | 1.6 | 1.173 | 28.9 | 22.3 | 23.18 | | 42.8107 | -78.8554 |
| 9/15/2016 11:46 | 12.53 | 76.74 | 0 | 0.044 | 0 | 0 | 0 | 0 | 36 | 4.3 | 0.547 | 28.8 | 22.4 | 23.43 | | 42.8107 | -78.8554 |
| 9/15/2016 11:45 | 12.53 | 70.67 | 0 | 0.044 | 0 | 0 | 0 | 0 | 35 | 65.8 | 4 | 28.8 | 22.4 | 23.22 | | 42.8107 | -78.8554 |
| 9/15/2016 11:44 | 12.52 | 85.01 | 0 | 0.044 | 0 | 0 | 0 | 0 | 36 | 14.4 | 1.441 | 28.7 | 22.2 | 19.14 | | 42.8107 | -78.8554 |
| 9/15/2016 11:43 | 12.55 | 67.44 | 0 | 0.044 | 0 | 0 | 0 | 0 | 36 | 6.4 | 4 | 28.7 | 22.3 | 19.05 | | 42.8107 | -78.8554 |
| 9/15/2016 11:42 | 12.54 | 68.48 | 0 | 0.044 | 0 | 0 | 0 | 0 | 36 | 2.6 | 0.589 | 28.7 | 22.4 | 18.75 | | 42.8108 | -78.8554 |
| 9/15/2016 11:41 | 12.54 | 67.44 | 0 | 0.044 | 0 | 0 | 0 | 0 | 36 | 5 | 0.87 | 28.6 | 22.5 | 18.71 | | 42.8107 | -78.8554 |
| 9/15/2016 11:40 | 12.53 | 68.48 | 0 | 0.044 | 0 | 0 | 0 | 0 | 36 | 0.9 | 0.487 | 28.5 | 22.6 | 19.25 | | 42.8107 | -78.8554 |
| 9/15/2016 11:39 | 12.54 | 66.41 | 0 | 0.044 | 0 | 0 | 0 | 0 | 37 | 4.4 | 1.075 | 28.6 | 22.8 | 20.17 | | 42.8107 | -78.8554 |
| 9/15/2016 11:38 | 12.54 | 70.67 | 0 | 0.044 | 0 | 0 | 0 | 0 | 37 | 10.1 | 4 | 28.6 | 22.6 | 19.92 | | 42.8107 | -78.8554 |
| 9/15/2016 11:37 | 12.55 | 65.5 | 0 | 0.044 | 0 | 0 | 0 | 0 | 37 | 11 | 4 | 28.5 | 22.3 | 19.35 | | 42.8107 | -78.8555 |
| 9/15/2016 11:36 | 12.54 | 74.68 | 0 | 0.044 | 0 | 0 | 0 | 0 | 37 | 182.9 | 4 | 28.4 | 22.3 | 18.89 | | 42.8107 | -78.8554 |
| 9/15/2016 11:35 | 12.54 | 73.9 | 0 | 0.044 | 0 | 0 | 0 | 0 | 37 | 18.1 | 4 | 28.5 | 21.3 | 7.39 | | 42.8107 | -78.8554 |
| 9/15/2016 11:34 | 12.55 | 71.58 | 0 | 0.044 | 0 | 0 | 0 | 0 | 37 | 10.9 | 0.699 | 28.4 | 21.4 | 6.37 | | 42.8107 | -78.8554 |
| 9/15/2016 11:33 | 12.54 | 70.16 | 0 | 0.044 | 0 | 0 | 0 | 0 | 37 | 9.3 | 2.34 | 28.3 | 21.5 | 5.97 | | 42.8107 | -78.8554 |
| 9/15/2016 11:32 | 12.54 | 70.28 | 0 | 0.044 | 0 | 0 | 0 | 0 | 37 | 5.4 | 1.031 | 28.3 | 21.5 | 5.45 | | 42.8107 | -78.8554 |
| 9/15/2016 11:31 | 12.55 | 69.9 | 0 | 0.044 | 0 | 0 | 0 | 0 | 37 | 1.1 | 0.547 | 28.2 | 21.7 | 8.01 | | 42.8107 | -78.8554 |
| 9/15/2016 11:30 | 12.55 | 66.54 | 0 | 0.044 | 0 | 0 | 0 | 0 | 37 | 4.6 | 1.092 | 28.3 | 21.8 | 8.26 | | 42.8107 | -78.8554 |
| 9/15/2016 11:29 | 12.53 | 82.43 | 0 | 0.044 | 0 | 0 | 0 | 0 | 37 | 13 | 4 | 28.2 | 21.8 | 8.75 | | 42.8107 | -78.8554 |
| 9/15/2016 11:28 | 12.53 | 84.63 | 0 | 0.044 | 0 | 0 | 0 | 0 | 38 | 1.9 | 0.437 | 28.2 | 21.8 | 8.22 | | 42.8107 | -78.8554 |
| 9/15/2016 11:27 | 12.54 | 67.18 | 0 | 0.044 | 0 | 0 | 0 | 0 | 38 | 2.1 | 0.52 | 28.2 | 22 | 30.58 | | 42.8107 | -78.8554 |
| 9/15/2016 11:26 | 12.53 | 71.71 | 0 | 0.044 | 0 | 0 | 0 | 0 | 37 | 13 | 4 | 28.1 | 22.2 | 35.57 | | 42.8107 | -78.8554 |
| 9/15/2016 11:25 | 12.55 | 66.8 | 0 | 0.044 | 0 | 0 | 0 | 0 | 38 | 14.7 | 4 | 28.1 | 22.2 | 35.29 | | 42.8107 | -78.8554 |
| 9/15/2016 11:24 | 12.52 | 81.4 | 0 | 0.044 | 0 | 0 | 0 | 0 | 37 | 0.7 | 0.362 | 28 | 22.3 | 34.51 | | 42.8107 | -78.8554 |
| 9/15/2016 11:23 | 12.53 | 70.67 | 0 | 0.044 | 0 | 0 | 0 | 0 | 37 | 1.5 | 0.381 | 28.1 | 22.5 | 35.97 | | 42.8107 | -78.8554 |
| 9/15/2016 11:22 | 12.55 | 68.6 | 0 | 0.044 | 0 | 0 | 0 | 0 | 38 | 4.1 | 0.606 | 28 | 22.7 | 64 | | 42.8107 | -78.8554 |
| 9/15/2016 11:21 | 12.55 | 69.77 | 0 | 0.044 | 0 | 0 | 0 | 0 | 37 | 10.4 | 4 | 28 | 22.8 | 64.26 | | 42.8107 | -78.8554 |
| 9/15/2016 11:20 | 12.53 | 71.71 | 0 | 0.044 | 0 | 0 | 0 | 0 | 38 | 2.8 | 0.942 | 27.8 | 22.9 | 64.78 | | 42.8107 | -78.8554 |
| 9/15/2016 11:19 | 12.53 | 78.04 | 0 | 0.044 | 0 | 0 | 0 | 0 | 37 | 4.9 | 1.196 | 27.9 | 23.1 | 64.84 | | 42.8107 | -78.8554 |

| Timestamp (GMT-4) | Batt. Voltage (V) | Current (mA) | Low (ppm) | Peak (ppm) | STEL (ppm) | TWA (ppm) | VOC (ppm) | VOC (Avg15) (ppm) | Humidity (%) | Mass (µg/m³) | Particle size (µm) | Temperature (℃) | TWA (µg/m³) | Mass (Avg15) (µg/m³) | TWA (Avg15) (µg/m³) | Latitude | Longitude |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 9/15/2016 11:18 | 12.53 | 70.16 | 0 | 0.044 | 0 | 0 | 0 | 0 | 38 | 1.6 | 0.547 | 27.8 | 23.2 | 64.87 | | 42.8107 | -78.8554 |
| 9/15/2016 11:17 | 12.54 | 68.86 | 0 | 0.044 | 0 | 0 | 0 | 0 | 37 | 43.7 | 4 | 27.8 | 23.3 | 65.17 | | 42.8107 | -78.8554 |
| 9/15/2016 11:16 | 12.54 | 71.06 | 0 | 0.044 | 0 | 0 | 0 | 0 | 38 | 4.9 | 4 | 27.7 | 23.1 | 65.31 | | 42.8107 | -78.8554 |
| 9/15/2016 11:15 | 12.53 | 66.28 | 0 | 0.044 | 0 | 0 | 0 | 0 | 38 | 12 | 4 | 27.7 | 23.2 | 65.17 | | 42.8107 | -78.8554 |
| 9/15/2016 11:14 | 12.54 | 72.87 | 0 | 0.044 | 0 | 0 | 0 | 0 | 38 | 5 | 4 | 27.7 | 23.3 | 65.37 | | 42.8107 | -78.8554 |
| 9/15/2016 11:13 | 12.53 | 73.64 | 0 | 0.044 | 0 | 0 | 0 | 0 | 38 | 337.3 | 4 | 27.6 | 23.3 | 65.21 | | 42.8107 | -78.8554 |
| 9/15/2016 11:12 | 12.54 | 71.83 | 0 | 0.044 | 0 | 0 | 0 | 0 | 38 | 76.9 | 4 | 27.5 | 22.7 | 42.79 | | 42.8107 | -78.8554 |
| 9/15/2016 11:11 | 12.53 | 79.97 | 0 | 0.044 | 0 | 0 | 0 | 0 | 38 | 8.8 | 4 | 27.5 | 22.6 | 37.7 | | 42.8107 | -78.8554 |
| 9/15/2016 11:10 | 12.53 | 81.27 | 0 | 0.044 | 0 | 0 | 0 | 0 | 39 | 3.1 | 1.036 | 27.4 | 22 | 37.19 | | 42.8107 | -78.8554 |
| 9/15/2016 11:09 | 12.55 | 70.03 | 0 | 0.044 | 0 | 0 | 0 | 0 | 38 | 22.5 | 4 | 27.4 | 21.7 | 37.29 | | 42.8107 | -78.8554 |
| 9/15/2016 11:08 | 12.55 | 68.22 | 0 | 0.044 | 0 | 0 | 0 | 0 | 39 | 422 | 4 | 27.3 | 21.5 | 35.92 | | 42.8107 | -78.8554 |
| 9/15/2016 11:07 | 12.55 | 69.77 | 0 | 0.044 | 0 | 0 | 0 | 0 | 39 | 8 | 0.37 | 27.3 | 21 | 8.17 | | 42.8107 | -78.8554 |
| 9/15/2016 11:06 | 12.52 | 87.21 | 0 | 0.044 | 0 | 0 | 0 | 0 | 39 | 18.2 | 4 | 27.2 | 20.7 | 7.89 | | 42.8107 | -78.8554 |
| 9/15/2016 11:05 | 12.55 | 71.32 | 0 | 0.044 | 0 | 0 | 0 | 0 | 39 | 3.7 | 4 | 27.2 | 20.9 | 6.99 | | 42.8107 | -78.8554 |
| 9/15/2016 11:04 | 12.55 | 73.64 | 0 | 0.044 | 0 | 0 | 0 | 0 | 39 | 5.3 | 1.689 | 27.1 | 21 | 6.9 | | 42.8107 | -78.8554 |
| 9/15/2016 11:03 | 12.54 | 70.16 | 0 | 0.044 | 0 | 0 | 0 | 0 | 39 | 6.1 | 1.199 | 27.1 | 21.2 | 6.67 | | 42.8108 | -78.8554 |
| 9/15/2016 11:02 | 12.53 | 68.22 | 0 | 0.044 | 0 | 0 | 0 | 0 | 39 | 45.8 | 4 | 27 | 21.2 | 6.41 | | 42.8108 | -78.8554 |
| 9/15/2016 11:01 | 12.54 | 69.77 | 0 | 0.044 | 0 | 0 | 0 | 0 | 40 | 2.9 | 1.037 | 27 | 21.3 | 3.5 | | 42.8108 | -78.8554 |
| 9/15/2016 11:00 | 12.53 | 75.32 | 0 | 0.044 | 0 | 0 | 0 | 0 | 39 | 14.9 | 4 | 27 | 21.5 | 3.98 | | 42.8108 | -78.8554 |
| 9/15/2016 10:59 | 12.55 | 67.31 | 0 | 0.044 | 0 | 0 | 0 | 0 | 39 | 2.7 | 0.541 | 26.9 | 21.5 | 3.23 | | 42.8108 | -78.8554 |
| 9/15/2016 10:58 | 12.52 | 89.28 | 0 | 0.044 | 0 | 0 | 0 | 0 | 38 | 1 | 0.451 | 26.8 | 21.7 | 3.12 | | 42.8108 | -78.8554 |
| 9/15/2016 10:57 | 12.53 | 69.38 | 0 | 0.044 | 0 | 0 | 0 | 0 | 40 | 0.5 | 0.391 | 26.8 | 22 | 3.09 | | 42.8108 | -78.8554 |
| 9/15/2016 10:56 | 12.54 | 68.86 | 0 | 0.044 | 0 | 0 | 0 | 0 | 40 | 1.2 | 0.367 | 26.8 | 22.2 | 3.25 | | 42.8108 | -78.8554 |
| 9/15/2016 10:55 | 12.55 | 67.18 | 0 | 0.044 | 0 | 0 | 0 | 0 | 40 | 4.6 | 0.577 | 26.7 | 22.4 | 3.25 | | 42.8108 | -78.8554 |
| 9/15/2016 10:54 | 12.52 | 86.82 | 0 | 0.044 | 0 | 0 | 0 | 0 | 39 | 1.9 | 0.667 | 26.6 | 22.6 | 3.01 | | 42.8108 | -78.8554 |
| 9/15/2016 10:53 | 12.54 | 70.16 | 0 | 0.044 | 0 | 0 | 0 | 0 | 39 | 5.8 | 0.965 | 26.6 | 22.8 | 2.95 | | 42.8108 | -78.8554 |
| 9/15/2016 10:52 | 12.55 | 69.77 | 0 | 0.044 | 0 | 0 | 0 | 0 | 40 | 3.8 | 4 | 26.5 | 22.9 | 2.59 | | 42.8108 | -78.8554 |
| 9/15/2016 10:51 | 12.54 | 72.09 | 0 | 0.044 | 0 | 0 | 0 | 0 | 40 | 4.7 | 1.293 | 26.6 | 23.1 | 2.37 | | 42.8108 | -78.8554 |
| 9/15/2016 10:50 | 12.52 | 86.56 | 0 | 0.044 | 0 | 0 | 0 | 0 | 40 | 2.3 | 2.247 | 26.5 | 23.3 | 2.17 | | 42.8108 | -78.8554 |
| 9/15/2016 10:49 | 12.54 | 67.96 | 0 | 0.044 | 0 | 0 | 0 | 0 | 40 | 1.8 | 0.339 | 26.5 | 23.6 | 2.06 | | 42.8108 | -78.8554 |
| 9/15/2016 10:48 | 12.54 | 70.93 | 0 | 0.044 | 0 | 0 | 0 | 0 | 40 | 2.2 | 0.795 | 26.4 | 23.8 | 2.03 | | 42.8108 | -78.8554 |
| 9/15/2016 10:47 | 12.55 | 68.73 | 0 | 0.044 | 0 | 0 | 0 | 0 | 40 | 2.2 | 0.79 | 26.5 | 24.1 | 6.65 | | 42.8108 | -78.8554 |
| 9/15/2016 10:46 | 12.53 | 73.13 | 0 | 0.044 | 0 | 0 | 0 | 0 | 40 | 10.1 | 4 | 26.3 | 24.3 | 6.71 | | 42.8108 | -78.8554 |
| 9/15/2016 10:45 | 12.54 | 69.9 | 0 | 0.044 | 0 | 0 | 0 | 0 | 40 | 3.7 | 0.861 | 26.3 | 24.5 | 6.09 | | 42.8108 | -78.8554 |
| 9/15/2016 10:44 | 12.54 | 69.12 | 0 | 0.044 | 0 | 0 | 0 | 0 | 41 | 1 | 0.337 | 26.2 | 24.8 | 6.03 | | 42.8108 | -78.8554 |
| 9/15/2016 10:43 | 12.53 | 72.48 | 0 | 0.044 | 0 | 0 | 0 | 0 | 41 | 0.5 | 0.337 | 26.2 | 25 | 6.09 | | 42.8108 | -78.8554 |
| 9/15/2016 10:42 | 12.53 | 76.1 | 0 | 0.044 | 0 | 0 | 0 | 0 | 42 | 3 | 0.346 | 26.3 | 25.3 | 6.09 | | 42.8108 | -78.8554 |
| 9/15/2016 10:41 | 12.55 | 66.67 | 0 | 0.044 | 0 | 0 | 0 | 0 | 40 | 1.2 | 0.337 | 26.2 | 25.6 | 6.07 | | 42.8108 | -78.8554 |
| 9/15/2016 10:40 | 12.55 | 65.63 | 0 | 0.044 | 0 | 0 | 0 | 0 | 41 | 1 | 0.552 | 26.1 | 25.9 | 6.45 | | 42.8108 | -78.8554 |
| 9/15/2016 10:39 | 12.54 | 66.54 | 0 | 0.044 | 0 | 0 | 0 | 0 | 41 | 0.9 | 0.431 | 26.1 | 26.2 | 6.6 | | 42.8108 | -78.8554 |
| 9/15/2016 10:38 | 12.53 | 70.93 | 0 | 0.044 | 0 | 0 | 0 | 0 | 40 | 0.5 | 0.337 | 26 | 26.5 | 6.83 | | 42.8108 | -78.8554 |
| 9/15/2016 10:37 | 12.54 | 66.28 | 0 | 0.044 | 0 | 0 | 0 | 0 | 41 | 0.5 | 0.347 | 26 | 26.8 | 6.87 | | 42.8108 | -78.8554 |
| 9/15/2016 10:36 | 12.53 | 72.09 | 0 | 0.044 | 0 | 0 | 0 | 0 | 42 | 1.6 | 0.407 | 26 | 27.1 | 7.23 | | 42.8108 | -78.8554 |
| 9/15/2016 10:35 | 12.53 | 75.58 | 0 | 0.044 | 0 | 0 | 0 | 0 | 41 | 0.7 | 0.459 | 25.9 | 27.5 | 7.32 | | 42.8108 | -78.8554 |
| 9/15/2016 10:34 | 12.52 | 83.46 | 0 | 0.044 | 0 | 0 | 0 | 0 | 42 | 1.3 | 0.337 | 25.8 | 27.8 | 7.35 | | 42.8108 | -78.8554 |
| 9/15/2016 10:33 | 12.52 | 85.4 | 0 | 0.044 | 0 | 0 | 0 | 0 | 42 | 71.5 | 4 | 25.8 | 27.5 | 7.39 | | 42.8108 | -78.8554 |
| 9/15/2016 10:32 | 12.55 | 71.96 | 0 | 0.044 | 0 | 0 | 0 | 0 | 42 | 3.1 | 1.073 | 25.7 | 27.7 | 2.76 | | 42.8108 | -78.8554 |
| 9/15/2016 10:31 | 12.53 | 69.51 | 0 | 0.044 | 0 | 0 | 0 | 0 | 42 | 0.9 | 0.393 | 25.6 | 28 | 2.61 | | 42.8108 | -78.8554 |
| 9/15/2016 10:30 | 12.53 | 71.19 | 0 | 0.044 | 0 | 0 | 0 | 0 | 43 | 2.7 | 0.463 | 25.7 | 28.4 | 3.87 | | 42.8108 | -78.8554 |
| 9/15/2016 10:29 | 12.53 | 70.16 | 0 | 0.044 | 0 | 0 | 0 | 0 | 43 | 2 | 0.337 | 25.6 | 28.8 | 3.95 | | 42.8108 | -78.8554 |
| 9/15/2016 10:28 | 12.54 | 71.06 | 0 | 0.044 | 0 | 0 | 0 | 0 | 42 | 0.5 | 0.531 | 25.6 | 29.2 | 4.1 | | 42.8108 | -78.8554 |
| 9/15/2016 10:27 | 12.54 | 68.22 | 0 | 0.044 | 0 | 0 | 0 | 0 | 42 | 2.7 | 1.487 | 25.5 | 29.5 | 4.97 | | 42.8108 | -78.8554 |
| 9/15/2016 10:26 | 12.54 | 67.05 | 0 | 0.044 | 0 | 0 | 0 | 0 | 43 | 6.8 | 4 | 25.5 | 29.9 | 5.98 | | 42.8108 | -78.8554 |
| 9/15/2016 10:25 | 12.55 | 65.76 | 0 | 0.044 | 0 | 0 | 0 | 0 | 42 | 3.3 | 0.803 | 25.5 | 30.2 | 5.62 | | 42.8108 | -78.8554 |

| Timestamp (GMT-4) | Batt. Voltage (V) | Current (mA) | Low (ppm) | Peak (ppm) | STEL (ppm) | TWA (ppm) | VOC (ppm) | VOC (Avg15) (ppm) | Humidity (%) | Mass (µg/m³) | Particle size (µm) | Temperature (°C) | TWA (µg/m³) | Mass (Avg15) (µg/m³) | TWA (Avg15) (µg/m³) | Latitude | Longitude |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 9/15/2016 10:24 | 12.54 | 69.9 | 0 | 0.044 | 0 | 0 | 0 | 0 | 43 | 4.4 | 1.662 | 25.4 | 30.6 | 5.46 | | 42.8108 | -78.8554 |
| 9/15/2016 10:23 | 12.53 | 72.48 | 0 | 0.044 | 0 | 0 | 0 | 0 | 42 | 1 | 0.517 | 25.4 | 31 | 5.25 | | 42.8108 | -78.8554 |
| 9/15/2016 10:22 | 12.53 | 68.09 | 0 | 0.044 | 0 | 0 | 0 | 0 | 44 | 5.9 | 1.107 | 25.3 | 31.6 | 10.21 | | 42.8108 | -78.8554 |
| 9/15/2016 10:21 | 12.54 | 69.77 | 0 | 0.044 | 0 | 0 | 0 | 0 | 43 | 3 | 1.175 | 25.3 | 31.8 | 12.22 | | 42.8108 | -78.8554 |
| 9/15/2016 10:20 | 12.53 | 77.65 | 0 | 0.044 | 0 | 0 | 0 | 0 | 43 | 1.2 | 1.103 | 25.3 | 30.8 | 12.07 | | 42.8108 | -78.8554 |
| 9/15/2016 10:19 | 12.54 | 66.02 | 0 | 0.044 | 0 | 0 | 0 | 0 | 43 | 1.8 | 0.519 | 25.1 | 31.2 | 19.24 | | 42.8108 | -78.8554 |
| 9/15/2016 10:18 | 12.52 | 83.85 | 0 | 0.044 | 0 | 0 | 0 | 0 | 43 | 2.1 | 1.055 | 25.1 | 31.7 | 19.21 | | 42.8108 | -78.8554 |
| 9/15/2016 10:17 | 12.55 | 67.31 | 0 | 0.044 | 0 | 0 | 0 | 0 | 43 | 0.9 | 0.405 | 25.1 | 32.3 | 141.12 | | 42.8108 | -78.8554 |
| 9/15/2016 10:16 | 12.54 | 66.93 | 0 | 0.044 | 0 | 0 | 0 | 0 | 43 | 19.7 | 4 | 25.1 | 32.7 | 141.12 | | 42.8108 | -78.8554 |
| 9/15/2016 10:15 | | | 0 | 0.044 | 0 | 0 | 0 | 0 | | | | | | | | | |
| 9/15/2016 10:14 | 12.55 | 67.83 | | | | | | | | | | | | | | 42.8108 | -78.8554 |
| 9/15/2016 10:13 | 12.53 | 77.13 | 0 | 0.044 | 0 | 0 | 0 | 0 | 44 | 11.8 | 4 | 24.9 | 32.6 | 124.77 | | 42.8108 | -78.8554 |
| 9/15/2016 10:12 | 12.53 | 70.41 | 0 | 0.044 | 0 | 0 | 0 | 0 | 44 | 15.9 | 4 | 24.9 | 26.7 | 125.21 | | 42.8108 | -78.8554 |
| 9/15/2016 10:11 | 12.53 | 75.19 | 0 | 0.044 | 0 | 0 | 0 | 0 | 43 | 2.1 | 0.463 | 24.8 | 27.1 | 125.04 | | 42.8108 | -78.8554 |
| 9/15/2016 10:10 | 12.53 | 68.73 | 0 | 0.044 | 0 | 0 | 0 | 0 | 43 | 1.2 | 0.496 | 24.8 | 27.6 | 125.02 | | 42.8108 | -78.8554 |
| 9/15/2016 10:09 | 12.53 | 73.51 | 0 | 0.044 | 0 | 0 | 0 | 0 | 43 | 1.6 | 0.515 | 24.7 | 28.1 | 124.99 | | 42.8108 | -78.8554 |
| 9/15/2016 10:08 | 12.54 | 65.63 | 0 | 0.044 | 0 | 0 | 0 | 0 | 44 | 65.5 | 4 | 24.7 | 27.2 | 125.15 | | 42.8108 | -78.8554 |
| 9/15/2016 10:07 | 12.54 | 66.93 | 0 | 0.044 | 0 | 0 | 0 | 0 | 44 | 32 | 4 | 24.7 | 27.4 | 121.16 | | 42.8108 | -78.8554 |
| 9/15/2016 10:06 | 12.54 | 69.25 | 0 | 0.044 | 0 | 0 | 0 | 0 | 44 | 1.1 | 0.342 | 24.6 | 26.2 | 119.59 | | 42.8108 | -78.8554 |
| 9/15/2016 10:05 | 12.53 | 68.73 | 0 | 0.044 | 0 | 0 | 0 | 0 | 43 | 94.4 | 4 | 24.6 | 26.8 | 119.73 | | 42.8108 | -78.8554 |
| 9/15/2016 10:04 | 12.54 | 70.03 | 0 | 0.044 | 0 | 0 | 0 | 0 | 44 | 1.4 | 0.495 | 24.6 | 23.2 | 113.57 | | 42.8108 | -78.8554 |
| 9/15/2016 10:03 | 12.53 | 68.86 | 0 | 0.044 | 0 | 0 | 0 | 0 | 44 | 1586.9 | 4 | 24.6 | 21.3 | 113.73 | | 42.8108 | -78.8554 |
| 9/15/2016 10:02 | 12.53 | 73.13 | 0 | 0.044 | 0 | 0 | 0 | 0 | 43 | 1 | 0.426 | 24.5 | 15.2 | 8.16 | | 42.8108 | -78.8554 |
| 9/15/2016 10:01 | 12.53 | 77.65 | 0 | 0.044 | 0 | 0 | 0 | 0 | 45 | 2.8 | 0.715 | 24.5 | 15.6 | 8.63 | | 42.8108 | -78.8554 |
| 9/15/2016 10:00 | 12.53 | 69.9 | 0 | 0.044 | 0 | 0 | 0 | 0 | 44 | 30.6 | 4 | 24.5 | 15.7 | 8.63 | | 42.8108 | -78.8555 |
| 9/15/2016 9:59 | 12.53 | 74.29 | 0 | 0.044 | 0 | 0 | 0 | 0 | 44 | 23.3 | 4 | 24.3 | 9.7 | 6.69 | | 42.8108 | -78.8554 |
| 9/15/2016 9:58 | 12.53 | 74.81 | 0 | 0.044 | 0 | 0 | 0 | 0 | 45 | 18.4 | 4 | 24.3 | 9.7 | 5.22 | | 42.8108 | -78.8555 |
| 9/15/2016 9:57 | 12.53 | 71.06 | 0 | 0.044 | 0 | 0 | 0 | 0 | 44 | 13.3 | 4 | 24.2 | 9.5 | 4.02 | | 42.8108 | -78.8554 |
| 9/15/2016 9:56 | 12.52 | 85.4 | 0 | 0.044 | 0 | 0 | 0 | 0 | 45 | 1.8 | 0.337 | 24.2 | 9.6 | 3.3 | | 42.8108 | -78.8554 |
| 9/15/2016 9:55 | 12.53 | 78.55 | 0 | 0.044 | 0 | 0 | 0 | 0 | 44 | 0.8 | 0.366 | 24.1 | 9.8 | 3.25 | | 42.8108 | -78.8554 |
| 9/15/2016 9:54 | 12.52 | 75.58 | 0 | 0.044 | 0 | 0 | 0 | 0 | 45 | 4 | 4 | 24.1 | 10 | 3.6 | | 42.8108 | -78.8554 |
| 9/15/2016 9:53 | 12.53 | 73.51 | 0 | 0.044 | 0 | 0 | 0 | 0 | 45 | 5.6 | 1.38 | 24 | 10 | 3.54 | | 42.8108 | -78.8554 |
| 9/15/2016 9:52 | 12.53 | 67.05 | 0 | 0.044 | 0 | 0 | 0 | 0 | 45 | 8.5 | 4 | 24 | 10.1 | 3.31 | | 42.8108 | -78.8554 |
| 9/15/2016 9:51 | 12.53 | 74.03 | 0 | 0.044 | 0 | 0 | 0 | 0 | 46 | 3.2 | 0.615 | 24 | 10.2 | 2.83 | | 42.8108 | -78.8555 |
| 9/15/2016 9:50 | 12.53 | 70.03 | 0 | 0.044 | 0 | 0 | 0 | 0 | 46 | 2 | 0.476 | 23.8 | 10.4 | 3.05 | | 42.8108 | -78.8554 |
| 9/15/2016 9:49 | 12.53 | 69.51 | 0 | 0.044 | 0 | 0 | 0 | 0 | 45 | 3.8 | 0.99 | 23.9 | 10.7 | 10.23 | | 42.8108 | -78.8554 |
| 9/15/2016 9:48 | 12.53 | 70.16 | 0 | 0.044 | 0 | 0 | 0 | 0 | 45 | 3.3 | 0.564 | 23.7 | 10.9 | 10.08 | | 42.8108 | -78.8554 |
| 9/15/2016 9:47 | 12.53 | 69.25 | 0 | 0.044 | 0 | 0 | 0 | 0 | 46 | 8 | 4 | 23.7 | 11.1 | 10.02 | | 42.8108 | -78.8554 |
| 9/15/2016 9:46 | 12.52 | 75.19 | 0 | 0.044 | 0 | 0 | 0 | 0 | 45 | 2.8 | 0.7 | 23.8 | 11.3 | 9.58 | | 42.8108 | -78.8554 |
| 9/15/2016 9:45 | 12.53 | 70.28 | 0 | 0.044 | 0 | 0 | 0 | 0 | 45 | 1.5 | 0.534 | 23.7 | 10.9 | 9.5 | | 42.8108 | -78.8554 |
| 9/15/2016 9:44 | 12.52 | 71.83 | 0 | 0.044 | 0 | 0 | 0 | 0 | 46 | 1.3 | 0.849 | 23.6 | 11.3 | 9.61 | | 42.8108 | -78.8554 |
| 9/15/2016 9:43 | 12.53 | 70.28 | 0 | 0.044 | 0 | 0 | 0 | 0 | 45 | 0.4 | 0.337 | 23.6 | 11.7 | 9.65 | | 42.8108 | -78.8554 |
| 9/15/2016 9:42 | 12.53 | 68.48 | 0 | 0.044 | 0 | 0 | 0 | 0 | 46 | 2.5 | 0.473 | 23.5 | 12.1 | 9.81 | | 42.8108 | -78.8554 |
| 9/15/2016 9:41 | 12.53 | 67.31 | 0 | 0.044 | 0 | 0 | 0 | 0 | 46 | 1.1 | 0.615 | 23.5 | 12.6 | 11.42 | | 42.8108 | -78.8555 |
| 9/15/2016 9:40 | 12.52 | 74.03 | 0 | 0.044 | 0 | 0 | 0 | 0 | 45 | 6 | 2.428 | 23.4 | 13.1 | 11.55 | | 42.8108 | -78.8555 |
| 9/15/2016 9:39 | 12.52 | 74.29 | 0 | 0.044 | 0 | 0 | 0 | 0 | 46 | 3.1 | 0.968 | 23.3 | 13.6 | 11.96 | | 42.8108 | -78.8555 |
| 9/15/2016 9:38 | 12.53 | 70.93 | 0 | 0.044 | 0 | 0 | 0 | 0 | 46 | 2.2 | 0.527 | 23.3 | 14.1 | 11.88 | | 42.8107 | -78.8554 |
| 9/15/2016 9:37 | 12.52 | 73 | 0 | 0.044 | 0 | 0 | 0 | 0 | 46 | 1.2 | 0.441 | 23.2 | 13.9 | 12.03 | | 42.8108 | -78.8554 |
| 9/15/2016 9:36 | 12.52 | 71.45 | 0 | 0.044 | 0 | 0 | 0 | 0 | 47 | 6.6 | 0.653 | 23.2 | 14.4 | 12.19 | | 42.8108 | -78.8554 |
| 9/15/2016 9:35 | 12.53 | 71.58 | 0 | 0.044 | 0 | 0 | 0 | 0 | 46 | 109.6 | 4 | 23.2 | 12.2 | 12.14 | | 42.8108 | -78.8554 |
| 9/15/2016 9:34 | 12.52 | 76.49 | 0 | 0.044 | 0 | 0 | 0 | 0 | 47 | 1.6 | 0.376 | 23.1 | 11.5 | 5.05 | | 42.8108 | -78.8554 |
| 9/15/2016 9:33 | 12.52 | 70.16 | 0 | 0.044 | 0 | 0 | 0 | 0 | 47 | 2.4 | 0.416 | 23.1 | 12 | 6.65 | | 42.8108 | -78.8554 |
| 9/15/2016 9:32 | 12.52 | 68.73 | 0 | 0.044 | 0 | 0 | 0 | 0 | 47 | 1.4 | 0.671 | 23 | 12.7 | 6.96 | | 42.8107 | -78.8554 |
| 9/15/2016 9:31 | 12.52 | 72.61 | 0 | 0.044 | 0 | 0 | 0 | 0 | 47 | 1.6 | 0.532 | 23 | 13.4 | 7.38 | | 42.8108 | -78.8554 |

| Timestamp (GMT-4) | Batt. Voltage (V) | Current (mA) | Low (ppm) | Peak (ppm) | STEL (ppm) | TWA (ppm) | VOC (ppm) | VOC (Avg15) (ppm) | Humidity (%) | Mass (µg/m³) | Particle size (µm) | Temperature (℃) | TWA (µg/m³) | Mass (Avg15) (µg/m³) | TWA (Avg15) (µg/m³) | Latitude | Longitude |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 9/15/2016 9:30 | 12.52 | 72.35 | 0 | 0.044 | 0 | 0 | 0 | 0 | 47 | 3.1 | 0.566 | 22.9 | 14.4 | 7.87 | | 42.8108 | -78.8554 |
| 9/15/2016 9:29 | 12.52 | 74.29 | 0 | 0.044 | 0 | 0 | 0 | 0 | 48 | 2 | 0.429 | 22.8 | 15.5 | 8.3 | | 42.8108 | -78.8554 |
| 9/15/2016 9:28 | 12.52 | 68.99 | 0 | 0.044 | 0 | 0 | 0 | 0 | 48 | 2.8 | 0.391 | 22.8 | 16.7 | 8.93 | | 42.8108 | -78.8555 |
| 9/15/2016 9:27 | 12.53 | 68.6 | 0 | 0.044 | 0 | 0 | 0 | 0 | 48 | 26.6 | 4 | 22.8 | 18.1 | 9.61 | | 42.8108 | -78.8554 |
| 9/15/2016 9:26 | 12.52 | 73 | 0 | 0.044 | 0 | 0 | 0 | 0 | 47 | 3 | 2.763 | 22.8 | 16.4 | 7.49 | | 42.8108 | -78.8554 |
| 9/15/2016 9:25 | 12.53 | 67.96 | 0 | 0.044 | 0 | 0 | 0 | 0 | 48 | 12.2 | 4 | 22.8 | 18.3 | 8.13 | | 42.8108 | -78.8554 |
| 9/15/2016 9:24 | 12.57 | 67.83 | 0 | 0.044 | 0 | 0 | 0 | 0 | 48 | 1.9 | 0.413 | 22.7 | 18.2 | 7.45 | | 42.8108 | -78.8555 |
| 9/15/2016 9:23 | 12.57 | 70.67 | 0 | 0.044 | 0 | 0 | 0 | 0 | 47 | 4.4 | 0.444 | 22.8 | 21.1 | 8.56 | | 42.8108 | -78.8554 |
| 9/15/2016 9:22 | 12.57 | 73 | 0 | 0.044 | 0 | 0 | 0 | 0 | 47 | 3.6 | 0.556 | 22.9 | 25.2 | 9.6 | | 42.8108 | -78.8554 |
| 9/15/2016 9:21 | 12.57 | 67.96 | 0 | 0.044 | 0 | 0 | 0 | 0 | 47 | 5.9 | 0.701 | 22.8 | 32.4 | 11.6 | | 42.8108 | -78.8554 |
| 9/15/2016 9:20 | 12.57 | 68.6 | 0 | 0.044 | 0 | 0 | 0 | 0 | 47 | 3.3 | 0.543 | 22.9 | 41.7 | 14.45 | | 42.8108 | -78.8554 |
| 9/15/2016 9:19 | 12.55 | 85.66 | 0 | 0.044 | 0 | 0 | 0 | 0 | 47 | 25.6 | 4 | 22.8 | 18.8 | 25.6 | | 42.8108 | -78.8554 |
| 9/15/2016 9:18 | 12.55 | 85.27 | 0 | 0.044 | 0 | 0 | 0 | 0 | | | | | | | | 42.8108 | -78.8554 |
| 9/15/2016 9:17 | 12.57 | 67.18 | 0 | 0.044 | 0 | 0 | 0 | 0 | | | | | 0 | | | 42.8108 | -78.8555 |
| 9/15/2016 9:16 | 12.56 | 71.83 | 0 | 0.044 | 0 | 0 | 0 | 0 | | | | | 0 | | | 42.8108 | -78.8554 |
| 9/15/2016 9:15 | 12.55 | 72.74 | 0 | 0.044 | 0 | 0 | 0 | 0 | | | | | 0 | | | 42.8108 | -78.8555 |
| 9/15/2016 9:14 | 12.57 | 71.45 | 0 | 0.044 | 0 | 0 | 0 | 0 | | | | | 0 | | | 42.8108 | -78.8555 |
| 9/15/2016 9:13 | 12.57 | 65.76 | 0 | 0.044 | 0 | 0 | 0 | 0 | | | | | 0 | | | 42.8108 | -78.8555 |
| 9/15/2016 9:12 | 12.57 | 66.67 | | | | | | | | | | | | | | 42.8108 | -78.8555 |

BENCHMARK ENVIRONMENTAL ENGINEERING & SCIENCE, PLLC

| Timestamp (GMT-4) | Batt. Voltage (V) | Current (mA) | Low (ppm) | Peak (ppm) | STEL (ppm) | TWA (ppm) | VOC (ppm) | VOC (Avg15) (ppm) | Humidity (%) | Mass (µg/m³) | Particle size (µm) | Temperature (°C) | TWA (µg/m³) | Mass (Avg15) (µg/m³) | TWA (Avg15) (µg/m³) | Latitude | Longitude |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 9/16/2016 15:28 | 12.64 | 68.09 | 0 | 0.018 | 0 | 0 | 0 | 0 | 29 | 4.7 | 0.477 | 39.3 | 19.1 | 6.18 | | 42.8107 | -78.8554 |
| 9/16/2016 15:27 | 12.64 | 68.48 | 0 | 0.018 | 0 | 0 | 0 | 0 | 28 | 3.7 | 0.606 | 39.3 | 19.1 | 6.08 | | 42.8107 | -78.8554 |
| 9/16/2016 15:26 | 12.63 | 68.99 | 0 | 0.018 | 0 | 0 | 0 | 0 | 29 | 4.5 | 0.449 | 39.3 | 19.1 | 6.08 | | 42.8107 | -78.8554 |
| 9/16/2016 15:25 | 12.63 | 68.22 | 0 | 0.018 | 0 | 0 | 0 | 0 | 29 | 5.6 | 0.439 | 39.5 | 19.2 | 6.11 | | 42.8107 | -78.8554 |
| 9/16/2016 15:24 | 12.61 | 94.06 | 0 | 0.018 | 0 | 0 | 0 | 0 | 29 | 3.4 | 0.433 | 39.3 | 19.2 | 6.07 | | 42.8107 | -78.8554 |
| 9/16/2016 15:23 | 12.63 | 74.29 | 0 | 0.018 | 0 | 0 | 0 | 0 | 28 | 3.4 | 0.455 | 39.4 | 19.2 | 6.21 | | 42.8107 | -78.8554 |
| 9/16/2016 15:22 | 12.63 | 67.18 | 0 | 0.018 | 0 | 0 | 0 | 0 | 29 | 4.1 | 0.493 | 39.3 | 19.3 | 6.35 | | 42.8107 | -78.8554 |
| 9/16/2016 15:21 | 12.63 | 76.49 | 0 | 0.018 | 0 | 0 | 0 | 0 | 29 | 4.3 | 0.613 | 39.3 | 19.3 | 6.31 | | 42.8107 | -78.8554 |
| 9/16/2016 15:20 | 12.61 | 92.12 | 0 | 0.018 | 0 | 0 | 0 | 0 | 29 | 4.5 | 1.002 | 39.3 | 19.3 | 6.35 | | 42.8107 | -78.8554 |
| 9/16/2016 15:19 | 12.64 | 66.8 | 0 | 0.018 | 0 | 0 | 0 | 0 | 29 | 35.6 | 4 | 39.3 | 19.4 | 6.33 | | 42.8107 | -78.8554 |
| 9/16/2016 15:18 | 12.63 | 68.73 | 0 | 0.018 | 0 | 0 | 0 | 0 | 29 | 3.4 | 0.464 | 39.4 | 19.4 | 4.21 | | 42.8107 | -78.8554 |
| 9/16/2016 15:17 | 12.63 | 67.7 | 0 | 0.018 | 0 | 0 | 0 | 0 | 29 | 3.4 | 0.512 | 39.4 | 19.4 | 4.21 | | 42.8107 | -78.8554 |
| 9/16/2016 15:16 | 12.63 | 70.28 | 0 | 0.018 | 0 | 0 | 0 | 0 | 30 | 4.4 | 0.51 | 39.3 | 19.4 | 4.22 | | 42.8107 | -78.8554 |
| 9/16/2016 15:15 | 12.64 | 70.54 | 0 | 0.018 | 0 | 0 | 0 | 0 | 29 | 3.2 | 0.52 | 39.4 | 19.5 | 4.15 | | 42.8107 | -78.8554 |
| 9/16/2016 15:14 | 12.63 | 72.87 | 0 | 0.018 | 0 | 0 | 0 | 0 | 28 | 4.5 | 0.492 | 39.5 | 19.5 | 4.26 | | 42.8107 | -78.8554 |
| 9/16/2016 15:13 | 12.64 | 79.85 | 0 | 0.018 | 0 | 0 | 0 | 0 | 29 | 3.2 | 0.477 | 39.4 | 19.6 | 4.23 | | 42.8107 | -78.8554 |
| 9/16/2016 15:12 | 12.63 | 76.36 | 0 | 0.018 | 0 | 0 | 0 | 0 | 29 | 3.7 | 0.551 | 39.3 | 19.6 | 4.31 | | 42.8107 | -78.8554 |
| 9/16/2016 15:11 | 12.64 | 69.77 | 0 | 0.018 | 0 | 0 | 0 | 0 | 30 | 4.9 | 1.188 | 39.3 | 19.6 | 4.29 | | 42.8107 | -78.8554 |
| 9/16/2016 15:10 | 12.64 | 69.51 | 0 | 0.018 | 0 | 0 | 0 | 0 | 29 | 5 | 0.575 | 39.4 | 19.7 | 4.19 | | 42.8107 | -78.8554 |
| 9/16/2016 15:09 | 12.64 | 67.96 | 0 | 0.018 | 0 | 0 | 0 | 0 | 29 | 5.6 | 0.614 | 39.4 | 19.7 | 4.11 | | 42.8107 | -78.8554 |
| 9/16/2016 15:08 | 12.63 | 81.4 | 0 | 0.018 | 0 | 0 | 0 | 0 | 30 | 5.4 | 0.901 | 39.4 | 19.7 | 3.97 | | 42.8107 | -78.8555 |
| 9/16/2016 15:07 | 12.64 | 67.57 | 0 | 0.018 | 0 | 0 | 0 | 0 | 29 | 3.6 | 0.471 | 39.4 | 19.8 | 3.87 | | 42.8107 | -78.8554 |
| 9/16/2016 15:06 | 12.63 | 74.29 | 0 | 0.018 | 0 | 0 | 0 | 0 | 29 | 4.9 | 0.652 | 39.4 | 19.8 | 3.89 | | 42.8108 | -78.8555 |
| 9/16/2016 15:05 | 12.63 | 75.06 | 0 | 0.018 | 0 | 0 | 0 | 0 | 30 | 4.1 | 0.497 | 39.4 | 19.8 | 6.62 | | 42.8107 | -78.8554 |
| 9/16/2016 15:04 | 12.64 | 70.8 | 0 | 0.018 | 0 | 0 | 0 | 0 | 29 | 3.9 | 0.643 | 39.3 | 19.9 | 6.61 | | 42.8107 | -78.8554 |
| 9/16/2016 15:03 | 12.63 | 76.1 | 0 | 0.018 | 0 | 0 | 0 | 0 | 29 | 3.4 | 0.675 | 39.3 | 19.9 | 6.61 | | 42.8107 | -78.8554 |
| 9/16/2016 15:02 | 12.63 | 74.68 | 0 | 0.018 | 0 | 0 | 0 | 0 | 29 | 3.5 | 0.655 | 39.4 | 19.9 | 6.64 | | 42.8108 | -78.8554 |
| 9/16/2016 15:01 | 12.64 | 67.83 | 0 | 0.018 | 0 | 0 | 0 | 0 | 29 | 3.4 | 0.452 | 39.3 | 20 | 6.68 | | 42.8108 | -78.8554 |
| 9/16/2016 15:00 | 12.61 | 112.92 | 0 | 0.018 | 0 | 0 | 0 | 0 | 30 | 4.8 | 0.563 | 39.2 | 20 | 6.73 | | 42.8107 | -78.8554 |
| 9/16/2016 14:59 | 12.63 | 77 | 0 | 0.018 | 0 | 0 | 0 | 0 | 30 | 4 | 0.477 | 39.3 | 20.1 | 6.71 | | 42.8107 | -78.8554 |
| 9/16/2016 14:58 | 12.64 | 73.9 | 0 | 0.018 | 0 | 0 | 0 | 0 | 30 | 4.5 | 0.552 | 39.2 | 20.1 | 6.65 | | 42.8107 | -78.8554 |
| 9/16/2016 14:57 | 12.64 | 72.48 | 0 | 0.018 | 0 | 0 | 0 | 0 | 30 | 3.4 | 0.449 | 39.3 | 20.1 | 6.65 | | 42.8107 | -78.8554 |
| 9/16/2016 14:56 | 12.64 | 71.58 | 0 | 0.018 | 0 | 0 | 0 | 0 | 29 | 3.3 | 0.436 | 39.2 | 20.2 | 9.71 | | 42.8108 | -78.8555 |
| 9/16/2016 14:55 | 12.64 | 71.83 | 0 | 0.018 | 0 | 0 | 0 | 0 | 30 | 3.8 | 0.429 | 39.2 | 20.2 | 9.75 | | 42.8107 | -78.8554 |
| 9/16/2016 14:54 | 12.64 | 73.51 | 0 | 0.018 | 0 | 0 | 0 | 0 | 29 | 3.5 | 0.394 | 39.1 | 20.3 | 14.57 | | 42.8107 | -78.8555 |
| 9/16/2016 14:53 | 12.64 | 65.37 | 0 | 0.018 | 0 | 0 | 0 | 0 | 29 | 3.9 | 0.428 | 39.2 | 20.3 | 14.62 | | 42.8107 | -78.8554 |
| 9/16/2016 14:52 | 12.63 | 73.51 | 0 | 0.018 | 0 | 0 | 0 | 0 | 29 | 3.9 | 0.685 | 39.3 | 20.3 | 14.63 | | 42.8107 | -78.8554 |
| 9/16/2016 14:51 | 12.64 | 71.96 | 0 | 0.018 | 0 | 0 | 0 | 0 | 28 | 45.9 | 1.375 | 39.2 | 20.3 | 14.63 | | 42.8107 | -78.8555 |
| 9/16/2016 14:50 | 12.63 | 90.05 | 0 | 0.018 | 0 | 0 | 0 | 0 | 29 | 4 | 0.424 | 39.2 | 20.3 | 11.81 | | 42.8107 | -78.8554 |
| 9/16/2016 14:49 | 12.64 | 70.54 | 0 | 0.018 | 0 | 0 | 0 | 0 | 29 | 3.9 | 0.437 | 39.2 | 20.4 | 11.78 | | 42.8107 | -78.8554 |
| 9/16/2016 14:48 | 12.63 | 90.05 | 0 | 0.018 | 0 | 0 | 0 | 0 | 30 | 3.8 | 0.412 | 39.1 | 20.4 | 11.75 | | 42.8108 | -78.8555 |
| 9/16/2016 14:47 | 12.64 | 67.7 | 0 | 0.018 | 0 | 0 | 0 | 0 | 29 | 4.1 | 0.503 | 39.2 | 20.4 | 11.89 | | 42.8107 | -78.8555 |
| 9/16/2016 14:46 | 12.64 | 68.22 | 0 | 0.018 | 0 | 0 | 0 | 0 | 30 | 4.2 | 0.393 | 39.2 | 20.5 | 11.89 | | 42.8107 | -78.8555 |
| 9/16/2016 14:45 | 12.63 | 78.17 | 0 | 0.018 | 0 | 0 | 0 | 0 | 29 | 4.4 | 0.424 | 39.1 | 20.5 | 11.93 | | 42.8107 | -78.8554 |
| 9/16/2016 14:44 | 12.64 | 68.6 | 0 | 0.018 | 0 | 0 | 0 | 0 | 29 | 3.2 | 0.414 | 39.1 | 20.6 | 12.31 | | 42.8107 | -78.8554 |
| 9/16/2016 14:43 | 12.64 | 66.28 | 0 | 0.018 | 0 | 0 | 0 | 0 | 30 | 4.5 | 0.628 | 39.1 | 20.6 | 12.4 | | 42.8107 | -78.8554 |
| 9/16/2016 14:42 | 12.65 | 65.63 | 0 | 0.018 | 0 | 0 | 0 | 0 | 29 | 49.2 | 4 | 39.1 | 20.6 | 12.58 | | 42.8107 | -78.8554 |
| 9/16/2016 14:41 | 12.64 | 69.9 | 0 | 0.018 | 0 | 0 | 0 | 0 | 30 | 3.9 | 0.566 | 39.1 | 20.6 | 11.65 | | 42.8107 | -78.8554 |
| 9/16/2016 14:40 | 12.64 | 69.51 | 0 | 0.018 | 0 | 0 | 0 | 0 | 30 | 76.2 | 4 | 39 | 20.6 | 11.63 | | 42.8107 | -78.8554 |
| 9/16/2016 14:39 | 12.65 | 70.03 | 0 | 0.018 | 0 | 0 | 0 | 0 | 31 | 4.2 | 0.884 | 39 | 20.6 | 6.84 | | 42.8107 | -78.8554 |
| 9/16/2016 14:38 | 12.65 | 65.37 | 0 | 0.018 | 0 | 0 | 0 | 0 | 30 | 4 | 0.542 | 39 | 20.7 | 6.78 | | 42.8107 | -78.8555 |
| 9/16/2016 14:37 | 12.64 | 71.83 | 0 | 0.018 | 0 | 0 | 0 | 0 | 29 | 3.9 | 0.616 | 39 | 20.7 | 6.8 | | 42.8108 | -78.8554 |
| 9/16/2016 14:36 | 12.65 | 65.37 | 0 | 0.018 | 0 | 0 | 0 | 0 | 30 | 3.6 | 0.554 | 39.1 | 20.7 | 6.79 | | 42.8107 | -78.8555 |
| 9/16/2016 14:35 | 12.65 | 70.16 | 0 | 0.018 | 0 | 0 | 0 | 0 | 30 | 3.6 | 0.479 | 39 | 20.8 | 6.99 | | 42.8107 | -78.8554 |
| 9/16/2016 14:34 | 12.65 | 69.12 | 0 | 0.018 | 0 | 0 | 0 | 0 | 30 | 3.5 | 0.532 | 39 | 20.8 | 7.03 | | 42.8107 | -78.8555 |

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| Timestamp (GMT-4) | Batt. Voltage (V) | Current (mA) | Low (ppm) | Peak (ppm) | STEL (ppm) | TWA (ppm) | VOC (ppm) | VOC (Avg15) (ppm) | Humidity (%) | Mass (µg/m³) | Particle size (µm) | Temperature (°C) | TWA (µg/m³) | Mass (Avg15) (µg/m³) | TWA (Avg15) (µg/m³) | Latitude | Longitude |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 9/16/2016 14:33 | 12.65 | 67.7 | 0 | 0.018 | 0 | 0 | 0 | 0 | 30 | 5.8 | 1.185 | 39 | 20.9 | 7.03 | | 42.8107 | -78.8555 |
| 9/16/2016 14:32 | 12.63 | 87.98 | 0 | 0.018 | 0 | 0 | 0 | 0 | 30 | 4.2 | 0.551 | 38.8 | 20.9 | 7.71 | | 42.8107 | -78.8554 |
| 9/16/2016 14:31 | 12.65 | 69.38 | 0 | 0.018 | 0 | 0 | 0 | 0 | 29 | 4.8 | 0.687 | 38.9 | 21 | 8.03 | | 42.8108 | -78.8555 |
| 9/16/2016 14:30 | 12.64 | 79.46 | 0 | 0.018 | 0 | 0 | 0 | 0 | 30 | 10 | 1.064 | 39 | 21 | 7.96 | | 42.8108 | -78.8555 |
| 9/16/2016 14:29 | 12.64 | 72.74 | 0 | 0.018 | 0 | 0 | 0 | 0 | 29 | 4.6 | 0.655 | 38.8 | 21 | 7.55 | | 42.8108 | -78.8555 |
| 9/16/2016 14:28 | 12.66 | 66.28 | 0 | 0.018 | 0 | 0 | 0 | 0 | 30 | 7.2 | 2.875 | 38.7 | 21.1 | 7.55 | | 42.8107 | -78.8554 |
| 9/16/2016 14:27 | 12.65 | 73.26 | 0 | 0.018 | 0 | 0 | 0 | 0 | 29 | 35.3 | 2.805 | 38.8 | 21.1 | 7.29 | | 42.8107 | -78.8555 |
| 9/16/2016 14:26 | 12.66 | 67.7 | 0 | 0.018 | 0 | 0 | 0 | 0 | 29 | 3.6 | 0.601 | 38.7 | 21.1 | 7.68 | | 42.8107 | -78.8555 |
| 9/16/2016 14:25 | 12.65 | 68.09 | 0 | 0.018 | 0 | 0 | 0 | 0 | 29 | 4.3 | 0.801 | 38.7 | 21.1 | 7.65 | | 42.8107 | -78.8554 |
| 9/16/2016 14:24 | 12.64 | 74.68 | 0 | 0.018 | 0 | 0 | 0 | 0 | 30 | 3.3 | 0.486 | 38.7 | 21.2 | 7.65 | | 42.8107 | -78.8554 |
| 9/16/2016 14:23 | 12.66 | 66.67 | 0 | 0.018 | 0 | 0 | 0 | 0 | 30 | 4.3 | 0.618 | 38.7 | 21.2 | 7.77 | | 42.8107 | -78.8554 |
| 9/16/2016 14:22 | 12.64 | 73.64 | 0 | 0.018 | 0 | 0 | 0 | 0 | 30 | 3.8 | 0.47 | 38.6 | 21.3 | 7.79 | | 42.8107 | -78.8554 |
| 9/16/2016 14:21 | 12.65 | 70.93 | 0 | 0.018 | 0 | 0 | 0 | 0 | 29 | 6.6 | 0.648 | 38.6 | 21.3 | 14.22 | | 42.8107 | -78.8554 |
| 9/16/2016 14:20 | 12.66 | 67.31 | 0 | 0.018 | 0 | 0 | 0 | 0 | 29 | 4.1 | 0.544 | 38.5 | 21.4 | 14.28 | | 42.8107 | -78.8554 |
| 9/16/2016 14:19 | 12.65 | 80.49 | 0 | 0.018 | 0 | 0 | 0 | 0 | 30 | 3.5 | 0.506 | 38.6 | 21.4 | 14.25 | | 42.8107 | -78.8554 |
| 9/16/2016 14:18 | 12.66 | 70.28 | 0 | 0.018 | 0 | 0 | 0 | 0 | 30 | 16.1 | 4 | 38.6 | 21.4 | 14.34 | | 42.8107 | -78.8555 |
| 9/16/2016 14:17 | 12.66 | 67.05 | 0 | 0.018 | 0 | 0 | 0 | 0 | 30 | 8.9 | 0.947 | 38.5 | 21.5 | 13.53 | | 42.8107 | -78.8554 |
| 9/16/2016 14:16 | 12.66 | 65.5 | 0 | 0.018 | 0 | 0 | 0 | 0 | 30 | 3.8 | 0.518 | 38.5 | 21.5 | 14.81 | | 42.8107 | -78.8554 |
| 9/16/2016 14:15 | 12.66 | 71.06 | 0 | 0.018 | 0 | 0 | 0 | 0 | 29 | 3.9 | 0.472 | 38.6 | 21.6 | 15.03 | | 42.8107 | -78.8554 |
| 9/16/2016 14:14 | 12.66 | 67.7 | 0 | 0.018 | 0 | 0 | 0 | 0 | 30 | 4.6 | 0.491 | 38.5 | 21.6 | 15.09 | | 42.8107 | -78.8554 |
| 9/16/2016 14:13 | 12.65 | 72.61 | 0 | 0.018 | 0 | 0 | 0 | 0 | 30 | 3.2 | 0.522 | 38.5 | 21.7 | 15.04 | | 42.8107 | -78.8554 |
| 9/16/2016 14:12 | 12.66 | 68.6 | 0 | 0.018 | 0 | 0 | 0 | 0 | 29 | 41.2 | 4 | 38.5 | 21.7 | 15.09 | | 42.8107 | -78.8554 |
| 9/16/2016 14:11 | 12.64 | 89.54 | 0 | 0.018 | 0 | 0 | 0 | 0 | 30 | 3.2 | 0.413 | 38.5 | 21.6 | 12.63 | | 42.8107 | -78.8554 |
| 9/16/2016 14:10 | 12.65 | 75.97 | 0 | 0.018 | 0 | 0 | 0 | 0 | 30 | 4.3 | 0.487 | 38.3 | 21.7 | 12.8 | | 42.8107 | -78.8554 |
| 9/16/2016 14:09 | 12.66 | 75.32 | 0 | 0.018 | 0 | 0 | 0 | 0 | 30 | 5.1 | 0.456 | 38.3 | 21.7 | 12.88 | | 42.8107 | -78.8554 |
| 9/16/2016 14:08 | 12.66 | 73.77 | 0 | 0.018 | 0 | 0 | 0 | 0 | 30 | 4.5 | 0.562 | 38.3 | 21.8 | 12.82 | | 42.8107 | -78.8554 |
| 9/16/2016 14:07 | 12.66 | 71.32 | 0 | 0.018 | 0 | 0 | 0 | 0 | 30 | 100.3 | 4 | 38.3 | 21.8 | 12.79 | | 42.8107 | -78.8554 |
| 9/16/2016 14:06 | 12.66 | 69.77 | 0 | 0.018 | 0 | 0 | 0 | 0 | 30 | 7.5 | 1.093 | 38.2 | 21.7 | 6.55 | | 42.8107 | -78.8554 |
| 9/16/2016 14:05 | 12.66 | 68.73 | 0 | 0.018 | 0 | 0 | 0 | 0 | 30 | 3.6 | 0.683 | 38.2 | 21.8 | 6.25 | | 42.8107 | -78.8554 |
| 9/16/2016 14:04 | 12.67 | 65.63 | 0 | 0.018 | 0 | 0 | 0 | 0 | 31 | 4.9 | 1.222 | 38.2 | 21.8 | 6.24 | | 42.8107 | -78.8554 |
| 9/16/2016 14:03 | 12.66 | 66.15 | 0 | 0.018 | 0 | 0 | 0 | 0 | 30 | 4 | 1.191 | 38.2 | 21.9 | 6.25 | | 42.8107 | -78.8554 |
| 9/16/2016 14:02 | 12.66 | 68.73 | 0 | 0.018 | 0 | 0 | 0 | 0 | 30 | 28.1 | 4 | 38.1 | 21.8 | 6.45 | | 42.8107 | -78.8554 |
| 9/16/2016 14:01 | 12.66 | 75.45 | 0 | 0.018 | 0 | 0 | 0 | 0 | 31 | 7.1 | 1.341 | 38.1 | 21.9 | 5.99 | | 42.8107 | -78.8554 |
| 9/16/2016 14:00 | 12.67 | 69.64 | 0 | 0.018 | 0 | 0 | 0 | 0 | 30 | 4.8 | 0.83 | 38.1 | 21.9 | 6.55 | | 42.8107 | -78.8554 |
| 9/16/2016 13:59 | 12.66 | 71.45 | 0 | 0.018 | 0 | 0 | 0 | 0 | 31 | 3.8 | 0.601 | 38 | 22 | 6.84 | | 42.8107 | -78.8554 |
| 9/16/2016 13:58 | 12.66 | 67.96 | 0 | 0.018 | 0 | 0 | 0 | 0 | 31 | 4 | 0.525 | 38 | 22 | 6.81 | | 42.8107 | -78.8554 |
| 9/16/2016 13:57 | 12.66 | 69.77 | 0 | 0.018 | 0 | 0 | 0 | 0 | 31 | 4.3 | 0.5 | 38 | 22.1 | 6.84 | | 42.8107 | -78.8554 |
| 9/16/2016 13:56 | 12.67 | 66.93 | 0 | 0.018 | 0 | 0 | 0 | 0 | 31 | 5.7 | 0.59 | 37.9 | 22.1 | 6.87 | | 42.8107 | -78.8554 |
| 9/16/2016 13:55 | 12.66 | 66.15 | 0 | 0.018 | 0 | 0 | 0 | 0 | 31 | 5.5 | 0.764 | 38 | 22.1 | 7.24 | | 42.8107 | -78.8554 |
| 9/16/2016 13:54 | 12.64 | 86.69 | 0 | 0.018 | 0 | 0 | 0 | 0 | 30 | 4.2 | 0.64 | 38 | 22.1 | 7.19 | | 42.8107 | -78.8554 |
| 9/16/2016 13:53 | 12.67 | 73.26 | 0 | 0.018 | 0 | 0 | 0 | 0 | 31 | 4.1 | 0.447 | 37.8 | 22.2 | 7.29 | | 42.8107 | -78.8554 |
| 9/16/2016 13:52 | 12.65 | 77.78 | 0 | 0.018 | 0 | 0 | 0 | 0 | 31 | 6.6 | 0.761 | 37.9 | 22.3 | 7.31 | | 42.8107 | -78.8554 |
| 9/16/2016 13:51 | 12.67 | 65.37 | 0 | 0.018 | 0 | 0 | 0 | 0 | 31 | 3 | 0.43 | 37.8 | 22.3 | 7.31 | | 42.8107 | -78.8554 |
| 9/16/2016 13:50 | 12.64 | 93.41 | 0 | 0.018 | 0 | 0 | 0 | 0 | 31 | 3.5 | 0.508 | 37.8 | 22.3 | 7.38 | | 42.8107 | -78.8554 |
| 9/16/2016 13:49 | 12.67 | 71.06 | 0 | 0.018 | 0 | 0 | 0 | 0 | 31 | 5.1 | 0.49 | 37.8 | 22.4 | 7.35 | | 42.8107 | -78.8554 |
| 9/16/2016 13:48 | 12.66 | 70.28 | 0 | 0.018 | 0 | 0 | 0 | 0 | 31 | 7 | 0.81 | 37.7 | 22.5 | 7.31 | | 42.8107 | -78.8554 |
| 9/16/2016 13:47 | 12.66 | 83.59 | 0 | 0.018 | 0 | 0 | 0 | 0 | 31 | 21.1 | 4 | 37.7 | 22.5 | 7.11 | | 42.8107 | -78.8554 |
| 9/16/2016 13:46 | 12.64 | 85.79 | 0 | 0.018 | 0 | 0 | 0 | 0 | 30 | 15.5 | 4 | 37.7 | 22.5 | 5.91 | | 42.8107 | -78.8554 |
| 9/16/2016 13:45 | 12.67 | 67.57 | 0 | 0.018 | 0 | 0 | 0 | 0 | 31 | 9.2 | 2.401 | 37.6 | 22.5 | 5.17 | | 42.8107 | -78.8554 |
| 9/16/2016 13:44 | 12.66 | 71.06 | 0 | 0.018 | 0 | 0 | 0 | 0 | 31 | 3.3 | 0.387 | 37.7 | 22.5 | 4.81 | | 42.8107 | -78.8555 |
| 9/16/2016 13:43 | 12.67 | 70.28 | 0 | 0.018 | 0 | 0 | 0 | 0 | 31 | 4.5 | 0.622 | 37.6 | 22.6 | 4.85 | | 42.8107 | -78.8554 |
| 9/16/2016 13:42 | 12.65 | 83.46 | 0 | 0.018 | 0 | 0 | 0 | 0 | 31 | 4.8 | 0.533 | 37.6 | 22.6 | 7.25 | | 42.8107 | -78.8554 |
| 9/16/2016 13:41 | 12.67 | 66.93 | 0 | 0.018 | 0 | 0 | 0 | 0 | 32 | 11.2 | 0.986 | 37.6 | 22.7 | 7.22 | | 42.8107 | -78.8554 |
| 9/16/2016 13:40 | 12.68 | 68.09 | 0 | 0.018 | 0 | 0 | 0 | 0 | 31 | 4.7 | 0.565 | 37.5 | 22.7 | 6.75 | | 42.8107 | -78.8554 |
| 9/16/2016 13:39 | 12.68 | 69.64 | 0 | 0.018 | 0 | 0 | 0 | 0 | 31 | 5.8 | 0.936 | 37.5 | 22.8 | 6.71 | | 42.8107 | -78.8554 |

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| Timestamp (GMT-4) | Batt. Voltage (V) | Current (mA) | Low (ppm) | Peak (ppm) | STEL (ppm) | TWA (ppm) | VOC (ppm) | VOC (Avg15) (ppm) | Humidity (%) | Mass (µg/m³) | Particle size (µm) | Temperature (°C) | TWA (µg/m³) | Mass (Avg15) (µg/m³) | TWA (Avg15) (µg/m³) | Latitude | Longitude |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 9/16/2016 13:38 | 12.66 | 74.29 | 0 | 0.018 | 0 | 0 | 0 | 0 | 31 | 4.3 | 0.63 | 37.4 | 22.8 | 7.03 | | 42.8107 | -78.8554 |
| 9/16/2016 13:37 | 12.66 | 85.14 | 0 | 0.018 | 0 | 0 | 0 | 0 | 31 | 6.6 | 0.687 | 37.4 | 22.8 | 6.99 | | 42.8107 | -78.8554 |
| 9/16/2016 13:36 | 12.67 | 66.41 | 0 | 0.018 | 0 | 0 | 0 | 0 | 32 | 4.1 | 0.517 | 37.4 | 22.9 | 6.81 | | 42.8107 | -78.8554 |
| 9/16/2016 13:35 | 12.67 | 71.71 | 0 | 0.018 | 0 | 0 | 0 | 0 | 32 | 3.1 | 0.43 | 37.3 | 22.9 | 6.77 | | 42.8107 | -78.8554 |
| 9/16/2016 13:34 | 12.68 | 67.18 | 0 | 0.018 | 0 | 0 | 0 | 0 | 31 | 4.5 | 0.492 | 37.4 | 23 | 6.91 | | 42.8107 | -78.8554 |
| 9/16/2016 13:33 | 12.66 | 83.08 | 0 | 0.018 | 0 | 0 | 0 | 0 | 32 | 4 | 0.507 | 37.2 | 23 | 6.91 | | 42.8107 | -78.8554 |
| 9/16/2016 13:32 | 12.66 | 74.42 | 0 | 0.018 | 0 | 0 | 0 | 0 | 31 | 3 | 0.389 | 37.3 | 23.1 | 6.93 | | 42.8107 | -78.8555 |
| 9/16/2016 13:31 | 12.68 | 70.67 | 0 | 0.018 | 0 | 0 | 0 | 0 | 32 | 4.4 | 0.553 | 37.2 | 23.2 | 39.49 | | 42.8107 | -78.8554 |
| 9/16/2016 13:30 | 12.68 | 75.84 | 0 | 0.018 | 0 | 0 | 0 | 0 | 31 | 3.9 | 0.552 | 37.3 | 23.2 | 39.4 | | 42.8107 | -78.8554 |
| 9/16/2016 13:29 | 12.66 | 87.98 | 0 | 0.018 | 0 | 0 | 0 | 0 | 31 | 3.9 | 0.544 | 37.2 | 23.3 | 39.41 | | 42.8107 | -78.8554 |
| 9/16/2016 13:28 | 12.68 | 66.54 | 0 | 0.018 | 0 | 0 | 0 | 0 | 31 | 40.5 | 4 | 37.2 | 23.3 | 39.45 | | 42.8107 | -78.8554 |
| 9/16/2016 13:27 | 12.68 | 69.51 | 0 | 0.018 | 0 | 0 | 0 | 0 | 32 | 4.3 | 0.578 | 37.2 | 23.3 | 37.25 | | 42.8107 | -78.8554 |
| 9/16/2016 13:26 | 12.68 | 66.15 | 0 | 0.018 | 0 | 0 | 0 | 0 | 31 | 4.2 | 0.562 | 37.1 | 23.4 | 37.21 | | 42.8107 | -78.8554 |
| 9/16/2016 13:25 | 12.68 | 73.39 | 0 | 0.018 | 0 | 0 | 0 | 0 | 31 | 4.1 | 0.551 | 37.1 | 23.4 | 37.26 | | 42.8107 | -78.8554 |
| 9/16/2016 13:24 | 12.67 | 82.56 | 0 | 0.018 | 0 | 0 | 0 | 0 | 31 | 10.6 | 1.903 | 37.1 | 23.5 | 37.33 | | 42.8107 | -78.8554 |
| 9/16/2016 13:23 | 12.67 | 77.39 | 0 | 0.018 | 0 | 0 | 0 | 0 | 31 | 3.7 | 0.442 | 37.1 | 23.5 | 36.87 | | 42.8107 | -78.8554 |
| 9/16/2016 13:22 | 12.67 | 66.02 | 0 | 0.018 | 0 | 0 | 0 | 0 | 31 | 3.9 | 0.543 | 37 | 23.6 | 37.27 | | 42.8107 | -78.8554 |
| 9/16/2016 13:21 | 12.67 | 77.65 | 0 | 0.018 | 0 | 0 | 0 | 0 | 31 | 3.4 | 0.465 | 37 | 23.6 | 37.31 | | 42.8107 | -78.8554 |
| 9/16/2016 13:20 | 12.68 | 70.93 | 0 | 0.018 | 0 | 0 | 0 | 0 | 31 | 5.3 | 0.445 | 37 | 23.7 | 37.35 | | 42.8107 | -78.8554 |
| 9/16/2016 13:19 | 12.68 | 69.25 | 0 | 0.018 | 0 | 0 | 0 | 0 | 32 | 4.5 | 0.714 | 36.8 | 23.8 | 37.25 | | 42.8107 | -78.8554 |
| 9/16/2016 13:18 | 12.67 | 76.36 | 0 | 0.018 | 0 | 0 | 0 | 0 | 31 | 4.2 | 0.631 | 36.9 | 23.8 | 37.2 | | 42.8107 | -78.8554 |
| 9/16/2016 13:17 | 12.67 | 83.2 | 0 | 0.018 | 0 | 0 | 0 | 0 | 32 | 491.5 | 4 | 36.8 | 23.6 | 37.19 | | 42.8107 | -78.8554 |
| 9/16/2016 13:16 | 12.66 | 78.81 | 0 | 0.018 | 0 | 0 | 0 | 0 | 31 | 3 | 0.419 | 36.8 | 23.4 | 4.73 | | 42.8107 | -78.8554 |
| 9/16/2016 13:15 | 12.68 | 65.5 | 0 | 0.018 | 0 | 0 | 0 | 0 | 31 | 4.1 | 0.963 | 36.8 | 23.5 | 4.86 | | 42.8107 | -78.8555 |
| 9/16/2016 13:14 | 12.67 | 77.13 | 0 | 0.018 | 0 | 0 | 0 | 0 | 31 | 4.4 | 0.785 | 36.7 | 23.6 | 4.93 | | 42.8107 | -78.8554 |
| 9/16/2016 13:13 | 12.66 | 82.17 | 0 | 0.018 | 0 | 0 | 0 | 0 | 31 | 7.5 | 0.795 | 36.7 | 23.6 | 4.95 | | 42.8107 | -78.8554 |
| 9/16/2016 13:12 | 12.68 | 66.54 | 0 | 0.018 | 0 | 0 | 0 | 0 | 31 | 3.7 | 0.601 | 36.7 | 23.7 | 4.73 | | 42.8107 | -78.8554 |
| 9/16/2016 13:11 | 12.68 | 82.82 | 0 | 0.018 | 0 | 0 | 0 | 0 | 31 | 5 | 0.721 | 36.6 | 23.7 | 4.73 | | 42.8107 | -78.8554 |
| 9/16/2016 13:10 | 12.65 | 97.16 | 0 | 0.018 | 0 | 0 | 0 | 0 | 31 | 5.1 | 0.936 | 36.7 | 23.8 | 4.63 | | 42.8107 | -78.8554 |
| 9/16/2016 13:09 | 12.68 | 68.99 | 0 | 0.018 | 0 | 0 | 0 | 0 | 32 | 3.7 | 0.572 | 36.6 | 23.9 | 4.66 | | 42.8107 | -78.8554 |
| 9/16/2016 13:08 | 12.67 | 83.33 | 0 | 0.018 | 0 | 0 | 0 | 0 | 31 | 9.8 | 1.101 | 36.6 | 23.9 | 4.79 | | 42.8107 | -78.8554 |
| 9/16/2016 13:07 | 12.68 | 70.41 | 0 | 0.018 | 0 | 0 | 0 | 0 | 32 | 4.5 | 0.559 | 36.6 | 23.9 | 4.63 | | 42.8107 | -78.8554 |
| 9/16/2016 13:06 | 12.68 | 67.96 | 0 | 0.018 | 0 | 0 | 0 | 0 | 32 | 3.9 | 0.572 | 36.5 | 24 | 4.62 | | 42.8107 | -78.8554 |
| 9/16/2016 13:05 | 12.68 | 65.63 | 0 | 0.018 | 0 | 0 | 0 | 0 | 31 | 3.8 | 0.486 | 36.5 | 24.1 | 4.6 | | 42.8107 | -78.8554 |
| 9/16/2016 13:04 | 12.69 | 69.51 | 0 | 0.018 | 0 | 0 | 0 | 0 | 32 | 3.8 | 0.46 | 36.5 | 24.1 | 4.63 | | 42.8107 | -78.8554 |
| 9/16/2016 13:03 | 12.68 | 74.16 | 0 | 0.018 | 0 | 0 | 0 | 0 | 32 | 4.1 | 0.403 | 36.5 | 24.2 | 4.93 | | 42.8107 | -78.8555 |
| 9/16/2016 13:02 | 12.68 | 68.73 | 0 | 0.018 | 0 | 0 | 0 | 0 | 32 | 4.6 | 0.538 | 36.4 | 24.3 | 4.95 | | 42.8107 | -78.8554 |
| 9/16/2016 13:01 | 12.68 | 70.8 | 0 | 0.018 | 0 | 0 | 0 | 0 | 32 | 4.9 | 0.86 | 36.4 | 24.3 | 5.81 | | 42.8107 | -78.8554 |
| 9/16/2016 13:00 | 12.68 | 77.26 | 0 | 0.018 | 0 | 0 | 0 | 0 | 31 | 5.1 | 0.871 | 36.3 | 24.4 | 6.21 | | 42.8107 | -78.8555 |
| 9/16/2016 12:59 | 12.68 | 76.1 | 0 | 0.018 | 0 | 0 | 0 | 0 | 31 | 4.8 | 0.612 | 36.2 | 24.4 | 6.35 | | 42.8108 | -78.8554 |
| 9/16/2016 12:58 | 12.68 | 66.41 | 0 | 0.018 | 0 | 0 | 0 | 0 | 32 | 4.2 | 0.832 | 36.3 | 24.5 | 6.33 | | 42.8107 | -78.8554 |
| 9/16/2016 12:57 | 12.68 | 80.62 | 0 | 0.018 | 0 | 0 | 0 | 0 | 32 | 3.7 | 0.705 | 36.2 | 24.6 | 6.47 | | 42.8107 | -78.8554 |
| 9/16/2016 12:56 | 12.69 | 77 | 0 | 0.018 | 0 | 0 | 0 | 0 | 32 | 3.5 | 0.479 | 36.1 | 24.6 | 7.6 | | 42.8107 | -78.8554 |
| 9/16/2016 12:55 | 12.69 | 67.31 | 0 | 0.018 | 0 | 0 | 0 | 0 | 31 | 5.5 | 0.992 | 36.2 | 24.6 | 7.6 | | 42.8107 | -78.8554 |
| 9/16/2016 12:54 | 12.68 | 70.54 | 0 | 0.018 | 0 | 0 | 0 | 0 | 32 | 5.7 | 0.856 | 36.1 | 24.7 | 7.55 | | 42.8108 | -78.8554 |
| 9/16/2016 12:53 | 12.69 | 66.28 | 0 | 0.018 | 0 | 0 | 0 | 0 | 32 | 7.4 | 1.045 | 36 | 24.8 | 7.39 | | 42.8107 | -78.8554 |
| 9/16/2016 12:52 | 12.65 | 110.08 | 0 | 0.018 | 0 | 0 | 0 | 0 | 32 | 4.3 | 0.479 | 36.1 | 24.8 | 7.19 | | 42.8107 | -78.8554 |
| 9/16/2016 12:51 | 12.68 | 71.19 | 0 | 0.018 | 0 | 0 | 0 | 0 | 32 | 3.6 | 1.174 | 36 | 24.9 | 7.15 | | 42.8107 | -78.8554 |
| 9/16/2016 12:50 | 12.68 | 72.35 | 0 | 0.018 | 0 | 0 | 0 | 0 | 32 | 4.2 | 0.448 | 36 | 25 | 7.25 | | 42.8108 | -78.8554 |
| 9/16/2016 12:49 | 12.68 | 80.36 | 0 | 0.018 | 0 | 0 | 0 | 0 | 32 | 8.3 | 1.852 | 36 | 25 | 9.23 | | 42.8108 | -78.8554 |
| 9/16/2016 12:48 | 12.68 | 67.44 | 0 | 0.018 | 0 | 0 | 0 | 0 | 32 | 4.4 | 0.712 | 35.8 | 25.1 | 9.02 | | 42.8107 | -78.8554 |
| 9/16/2016 12:47 | 12.69 | 73.51 | 0 | 0.018 | 0 | 0 | 0 | 0 | 33 | 17.6 | 1.024 | 35.8 | 25.2 | 9.05 | | 42.8108 | -78.8554 |
| 9/16/2016 12:46 | 12.69 | 69.25 | 0 | 0.018 | 0 | 0 | 0 | 0 | 32 | 10.8 | 2.152 | 35.8 | 25.2 | 8.18 | | 42.8108 | -78.8554 |
| 9/16/2016 12:45 | 12.69 | 71.32 | 0 | 0.018 | 0 | 0 | 0 | 0 | 33 | 7.3 | 0.982 | 35.8 | 25.2 | 7.77 | | 42.8108 | -78.8554 |
| 9/16/2016 12:44 | 12.68 | 87.08 | 0 | 0.018 | 0 | 0 | 0 | 0 | 33 | 4.5 | 0.689 | 35.7 | 25.3 | 7.57 | | 42.8108 | -78.8554 |

| Timestamp (GMT-4) | Batt. Voltage (V) | Current (mA) | Low (ppm) | Peak (ppm) | STEL (ppm) | TWA (ppm) | VOC (ppm) | VOC (Avg15) (ppm) | Humidity (%) | Mass (µg/m³) | Particle size (µm) | Temperature (°C) | TWA (µg/m³) | Mass (Avg15) (µg/m³) | TWA (Avg15) (µg/m³) | Latitude | Longitude |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 9/16/2016 12:43 | 12.7 | 66.93 | 0 | 0.018 | 0 | 0 | 0 | 0 | 32 | 6.2 | 0.732 | 35.7 | 25.3 | 11.65 | | 42.8107 | -78.8554 |
| 9/16/2016 12:42 | 12.69 | 67.05 | 0 | 0.018 | 0 | 0 | 0 | 0 | 33 | 20.7 | 4 | 35.6 | 25.4 | 11.59 | | 42.8107 | -78.8554 |
| 9/16/2016 12:41 | 12.68 | 70.54 | 0 | 0.018 | 0 | 0 | 0 | 0 | 32 | 3.5 | 0.546 | 35.6 | 25.4 | 10.47 | | 42.8107 | -78.8554 |
| 9/16/2016 12:40 | 12.69 | 75.32 | 0 | 0.018 | 0 | 0 | 0 | 0 | 32 | 4.7 | 0.594 | 35.5 | 25.5 | 10.45 | | 42.8107 | -78.8554 |
| 9/16/2016 12:39 | 12.7 | 68.73 | 0 | 0.018 | 0 | 0 | 0 | 0 | 33 | 3.3 | 0.462 | 35.6 | 25.6 | 10.4 | | 42.8107 | -78.8554 |
| 9/16/2016 12:38 | 12.7 | 68.6 | 0 | 0.018 | 0 | 0 | 0 | 0 | 32 | 4.4 | 0.539 | 35.6 | 25.7 | 10.47 | | 42.8108 | -78.8554 |
| 9/16/2016 12:37 | 12.68 | 74.16 | 0 | 0.018 | 0 | 0 | 0 | 0 | 32 | 3.8 | 0.511 | 35.5 | 25.7 | 10.47 | | 42.8107 | -78.8554 |
| 9/16/2016 12:36 | 12.68 | 87.21 | 0 | 0.018 | 0 | 0 | 0 | 0 | 33 | 5 | 0.609 | 35.4 | 25.8 | 10.57 | | 42.8107 | -78.8554 |
| 9/16/2016 12:35 | 12.69 | 66.67 | 0 | 0.018 | 0 | 0 | 0 | 0 | 33 | 33.9 | 4 | 35.4 | 25.9 | 10.6 | | 42.8107 | -78.8554 |
| 9/16/2016 12:34 | 12.7 | 66.28 | 0 | 0.018 | 0 | 0 | 0 | 0 | 33 | 5.2 | 0.728 | 35.4 | 25.9 | 8.79 | | 42.8107 | -78.8554 |
| 9/16/2016 12:33 | 12.69 | 69.9 | 0 | 0.018 | 0 | 0 | 0 | 0 | 33 | 4.8 | 0.891 | 35.3 | 26 | 8.72 | | 42.8107 | -78.8554 |
| 9/16/2016 12:32 | 12.68 | 89.79 | 0 | 0.018 | 0 | 0 | 0 | 0 | 33 | 4.6 | 0.879 | 35.3 | 26.1 | 8.69 | | 42.8107 | -78.8554 |
| 9/16/2016 12:31 | 12.69 | 66.15 | 0 | 0.018 | 0 | 0 | 0 | 0 | 34 | 4.7 | 0.568 | 35.2 | 26.1 | 8.83 | | 42.8108 | -78.8554 |
| 9/16/2016 12:30 | 12.67 | 83.46 | 0 | 0.018 | 0 | 0 | 0 | 0 | 34 | 4.3 | 0.622 | 35.1 | 26.2 | 8.84 | | 42.8108 | -78.8554 |
| 9/16/2016 12:29 | 12.68 | 70.67 | 0 | 0.018 | 0 | 0 | 0 | 0 | 34 | 65.7 | 4 | 35.2 | 26.3 | 8.78 | | 42.8107 | -78.8554 |
| 9/16/2016 12:28 | 12.68 | 81.91 | 0 | 0.018 | 0 | 0 | 0 | 0 | 33 | 5.2 | 0.845 | 35 | 26.2 | 4.85 | | 42.8107 | -78.8554 |
| 9/16/2016 12:27 | 12.68 | 78.68 | 0 | 0.018 | 0 | 0 | 0 | 0 | 34 | 3.9 | 0.702 | 35 | 26.3 | 5.13 | | 42.8108 | -78.8554 |
| 9/16/2016 12:26 | 12.68 | 75.84 | 0 | 0.018 | 0 | 0 | 0 | 0 | 33 | 3.3 | 0.487 | 34.9 | 26.4 | 6.25 | | 42.8107 | -78.8554 |
| 9/16/2016 12:25 | 12.68 | 86.95 | 0 | 0.018 | 0 | 0 | 0 | 0 | 34 | 3.9 | 0.485 | 35 | 26.5 | 6.29 | | 42.8108 | -78.8554 |
| 9/16/2016 12:24 | 12.68 | 74.94 | 0 | 0.018 | 0 | 0 | 0 | 0 | 34 | 4.3 | 0.507 | 34.9 | 26.5 | 6.79 | | 42.8107 | -78.8554 |
| 9/16/2016 12:23 | 12.7 | 71.58 | 0 | 0.018 | 0 | 0 | 0 | 0 | 34 | 4.4 | 0.529 | 34.8 | 26.6 | 6.84 | | 42.8107 | -78.8554 |
| 9/16/2016 12:22 | 12.68 | 83.08 | 0 | 0.018 | 0 | 0 | 0 | 0 | 35 | 5.4 | 0.848 | 34.8 | 26.7 | 7.27 | | 42.8107 | -78.8555 |
| 9/16/2016 12:21 | 12.7 | 65.76 | 0 | 0.018 | 0 | 0 | 0 | 0 | 34 | 5.4 | 1.069 | 34.7 | 26.7 | 8.46 | | 42.8107 | -78.8554 |
| 9/16/2016 12:20 | 12.67 | 98.32 | 0 | 0.018 | 0 | 0 | 0 | 0 | 35 | 6.7 | 1.24 | 34.6 | 26.8 | 8.42 | | 42.8108 | -78.8554 |
| 9/16/2016 12:19 | 12.7 | 71.71 | 0 | 0.018 | 0 | 0 | 0 | 0 | 34 | 4.2 | 0.726 | 34.6 | 26.9 | 8.14 | | 42.8107 | -78.8554 |
| 9/16/2016 12:18 | 12.7 | 70.8 | 0 | 0.018 | 0 | 0 | 0 | 0 | 34 | 4.4 | 0.774 | 34.5 | 27 | 8.1 | | 42.8107 | -78.8555 |
| 9/16/2016 12:17 | 12.7 | 69.38 | 0 | 0.018 | 0 | 0 | 0 | 0 | 35 | 6.7 | 0.878 | 34.5 | 27.1 | 8.02 | | 42.8107 | -78.8554 |
| 9/16/2016 12:16 | 12.67 | 99.1 | 0 | 0.018 | 0 | 0 | 0 | 0 | 35 | 4.8 | 0.436 | 34.5 | 26.8 | 7.92 | | 42.8107 | -78.8555 |
| 9/16/2016 12:15 | 12.7 | 71.58 | 0 | 0.018 | 0 | 0 | 0 | 0 | 34 | 3.4 | 0.861 | 34.4 | 26.9 | 8.13 | | 42.8107 | -78.8555 |
| 9/16/2016 12:14 | 12.7 | 68.22 | 0 | 0.018 | 0 | 0 | 0 | 0 | 34 | 6.8 | 1.413 | 34.3 | 27 | 9.41 | | 42.8107 | -78.8555 |
| 9/16/2016 12:13 | 12.68 | 82.3 | 0 | 0.018 | 0 | 0 | 0 | 0 | 34 | 9.4 | 1.852 | 34.3 | 27 | 9.23 | | 42.8107 | -78.8554 |
| 9/16/2016 12:12 | 12.7 | 65.5 | 0 | 0.018 | 0 | 0 | 0 | 0 | 35 | 20.7 | 4 | 34.3 | 27.1 | 8.9 | | 42.8107 | -78.8554 |
| 9/16/2016 12:11 | 12.7 | 72.22 | 0 | 0.018 | 0 | 0 | 0 | 0 | 34 | 3.8 | 0.74 | 34.2 | 27.2 | 7.82 | | 42.8107 | -78.8554 |
| 9/16/2016 12:10 | 12.7 | 80.1 | 0 | 0.018 | 0 | 0 | 0 | 0 | 35 | 11.4 | 2.017 | 34.2 | 27.3 | 7.88 | | 42.8108 | -78.8554 |
| 9/16/2016 12:09 | 12.7 | 65.89 | 0 | 0.018 | 0 | 0 | 0 | 0 | 35 | 5.1 | 0.598 | 34.1 | 27.3 | 7.45 | | 42.8107 | -78.8554 |
| 9/16/2016 12:08 | 12.7 | 65.37 | 0 | 0.018 | 0 | 0 | 0 | 0 | 35 | 10.8 | 4 | 34.1 | 27.4 | 7.4 | | 42.8108 | -78.8554 |
| 9/16/2016 12:07 | 12.68 | 82.82 | 0 | 0.018 | 0 | 0 | 0 | 0 | 35 | 23.3 | 4 | 34 | 27.4 | 7.01 | | 42.8107 | -78.8554 |
| 9/16/2016 12:06 | 12.7 | 69.25 | 0 | 0.018 | 0 | 0 | 0 | 0 | 36 | 4.8 | 0.82 | 34 | 27.5 | 6.83 | | 42.8108 | -78.8554 |
| 9/16/2016 12:05 | 12.7 | 70.03 | 0 | 0.018 | 0 | 0 | 0 | 0 | 35 | 2.5 | 0.564 | 33.9 | 27.6 | 6.74 | | 42.8108 | -78.8554 |
| 9/16/2016 12:04 | 12.7 | 72.22 | 0 | 0.018 | 0 | 0 | 0 | 0 | 34 | 3.6 | 0.415 | 33.8 | 27.7 | 6.9 | | 42.8108 | -78.8554 |
| 9/16/2016 12:03 | 12.7 | 72.09 | 0 | 0.018 | 0 | 0 | 0 | 0 | 35 | 3.2 | 0.495 | 33.8 | 27.7 | 6.93 | | 42.8107 | -78.8554 |
| 9/16/2016 12:02 | 12.7 | 70.16 | 0 | 0.018 | 0 | 0 | 0 | 0 | 36 | 5.2 | 0.481 | 33.7 | 27.8 | 6.93 | | 42.8107 | -78.8555 |
| 9/16/2016 12:01 | 12.7 | 69.77 | 0 | 0.018 | 0 | 0 | 0 | 0 | 35 | 7.9 | 0.485 | 33.6 | 28 | 6.83 | | 42.8108 | -78.8554 |
| 9/16/2016 12:00 | 12.69 | 68.99 | 0 | 0.018 | 0 | 0 | 0 | 0 | 36 | 22.7 | 3.185 | 33.7 | 28 | 6.53 | | 42.8108 | -78.8554 |
| 9/16/2016 11:59 | 12.7 | 67.18 | 0 | 0.018 | 0 | 0 | 0 | 0 | 35 | 4 | 0.489 | 33.5 | 28.1 | 5.26 | | 42.8108 | -78.8554 |
| 9/16/2016 11:58 | 12.7 | 66.28 | 0 | 0.018 | 0 | 0 | 0 | 0 | 36 | 4.5 | 0.609 | 33.5 | 28.2 | 5.27 | | 42.8107 | -78.8554 |
| 9/16/2016 11:57 | 12.7 | 66.02 | 0 | 0.018 | 0 | 0 | 0 | 0 | 35 | 4.5 | 0.656 | 33.4 | 28.3 | 5.57 | | 42.8108 | -78.8554 |
| 9/16/2016 11:56 | 12.7 | 69.25 | 0 | 0.018 | 0 | 0 | 0 | 0 | 36 | 4.7 | 1.123 | 33.4 | 28.4 | 5.51 | | 42.8108 | -78.8554 |
| 9/16/2016 11:55 | 12.7 | 70.8 | 0 | 0.018 | 0 | 0 | 0 | 0 | 36 | 4.9 | 0.8 | 33.2 | 28.5 | 5.66 | | 42.8108 | -78.8554 |
| 9/16/2016 11:54 | 12.7 | 71.83 | 0 | 0.018 | 0 | 0 | 0 | 0 | 36 | 4.4 | 0.509 | 33.3 | 28.6 | 5.61 | | 42.8107 | -78.8554 |
| 9/16/2016 11:53 | 12.71 | 69.9 | 0 | 0.018 | 0 | 0 | 0 | 0 | 37 | 5 | 0.94 | 33.2 | 28.6 | 9.97 | | 42.8108 | -78.8554 |
| 9/16/2016 11:52 | 12.7 | 64.73 | 0 | 0.018 | 0 | 0 | 0 | 0 | 36 | 20.5 | 4 | 33.2 | 28.6 | 9.91 | | 42.8107 | -78.8554 |
| 9/16/2016 11:51 | 12.7 | 68.99 | 0 | 0.018 | 0 | 0 | 0 | 0 | 36 | 3.5 | 0.454 | 33 | 28.7 | 8.85 | | 42.8107 | -78.8554 |
| 9/16/2016 11:50 | 12.7 | 71.96 | 0 | 0.018 | 0 | 0 | 0 | 0 | 36 | 4.9 | 0.77 | 33 | 28.8 | 8.8 | | 42.8108 | -78.8554 |
| 9/16/2016 11:49 | 12.7 | 73.13 | 0 | 0.018 | 0 | 0 | 0 | 0 | 36 | 4 | 0.561 | 33 | 28.9 | 8.77 | | 42.8108 | -78.8554 |

| Timestamp (GMT-4) | Batt. Voltage (V) | Current (mA) | Low (ppm) | Peak (ppm) | STEL (ppm) | TWA (ppm) | VOC (ppm) | VOC (Avg15) (ppm) | Humidity (%) | Mass (µg/m³) | Particle size (µm) | Temperature (°C) | TWA (µg/m³) | Mass (Avg15) (µg/m³) | TWA (Avg15) (µg/m³) | Latitude | Longitude |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 9/16/2016 11:48 | 12.7 | 70.67 | 0 | 0.018 | 0 | 0 | 0 | 0 | 37 | 3.3 | 0.512 | 32.8 | 29 | 8.81 | | 42.8108 | -78.8554 |
| 9/16/2016 11:47 | 12.7 | 67.57 | 0 | 0.018 | 0 | 0 | 0 | 0 | 37 | 3.7 | 0.55 | 32.7 | 29.1 | 8.94 | | 42.8107 | -78.8554 |
| 9/16/2016 11:46 | 12.7 | 68.86 | 0 | 0.018 | 0 | 0 | 0 | 0 | 37 | 3.3 | 0.478 | 32.7 | 29.3 | 9.05 | | 42.8107 | -78.8554 |
| 9/16/2016 11:45 | 12.7 | 68.09 | 0 | 0.018 | 0 | 0 | 0 | 0 | 37 | 3.7 | 0.769 | 32.7 | 29.4 | 9.07 | | 42.8107 | -78.8554 |
| 9/16/2016 11:44 | 12.7 | 71.58 | 0 | 0.018 | 0 | 0 | 0 | 0 | 36 | 4.1 | 0.824 | 32.6 | 29.5 | 9.07 | | 42.8108 | -78.8554 |
| 9/16/2016 11:43 | 12.69 | 71.58 | 0 | 0.018 | 0 | 0 | 0 | 0 | 37 | 9 | 4 | 32.6 | 29.6 | 9.09 | | 42.8107 | -78.8554 |
| 9/16/2016 11:42 | 12.7 | 80.62 | 0 | 0.018 | 0 | 0 | 0 | 0 | 38 | 3.7 | 0.774 | 32.4 | 29.7 | 9.08 | | 42.8108 | -78.8554 |
| 9/16/2016 11:41 | 12.7 | 64.86 | 0 | 0.018 | 0 | 0 | 0 | 0 | 37 | 6.9 | 1.964 | 32.4 | 29.8 | 9.17 | | 42.8108 | -78.8554 |
| 9/16/2016 11:40 | 12.71 | 68.73 | 0 | 0.018 | 0 | 0 | 0 | 0 | 37 | 4.1 | 0.739 | 32.3 | 29.8 | 9.92 | | 42.8107 | -78.8554 |
| 9/16/2016 11:39 | 12.7 | 65.25 | 0 | 0.018 | 0 | 0 | 0 | 0 | 37 | 69.8 | 4 | 32.3 | 29.9 | 9.93 | | 42.8107 | -78.8554 |
| 9/16/2016 11:38 | 12.69 | 84.63 | 0 | 0.018 | 0 | 0 | 0 | 0 | 38 | 4.2 | 0.518 | 32.2 | 30 | 5.58 | | 42.8107 | -78.8554 |
| 9/16/2016 11:37 | 12.7 | 65.89 | 0 | 0.018 | 0 | 0 | 0 | 0 | 37 | 4.6 | 0.505 | 32.2 | 30.1 | 5.73 | | 42.8108 | -78.8554 |
| 9/16/2016 11:36 | 12.68 | 90.31 | 0 | 0.018 | 0 | 0 | 0 | 0 | 38 | 2.7 | 0.511 | 32.1 | 30.2 | 20.41 | | 42.8108 | -78.8554 |
| 9/16/2016 11:35 | 12.7 | 76.36 | 0 | 0.018 | 0 | 0 | 0 | 0 | 38 | 4.4 | 0.474 | 32.1 | 30.3 | 20.55 | | 42.8108 | -78.8554 |
| 9/16/2016 11:34 | 12.68 | 94.7 | 0 | 0.018 | 0 | 0 | 0 | 0 | 38 | 4.7 | 0.872 | 32 | 30.4 | 20.64 | | 42.8108 | -78.8554 |
| 9/16/2016 11:33 | 12.7 | 78.17 | 0 | 0.018 | 0 | 0 | 0 | 0 | 38 | 5.2 | 0.635 | 31.8 | 30.5 | 20.79 | | 42.8108 | -78.8554 |
| 9/16/2016 11:32 | 12.7 | 71.19 | 0 | 0.018 | 0 | 0 | 0 | 0 | 38 | 5.4 | 0.648 | 31.7 | 30.6 | 20.88 | | 42.8108 | -78.8554 |
| 9/16/2016 11:31 | 12.71 | 68.35 | 0 | 0.018 | 0 | 0 | 0 | 0 | 37 | 3.5 | 0.581 | 31.7 | 30.7 | 20.83 | | 42.8108 | -78.8554 |
| 9/16/2016 11:30 | 12.71 | 69.64 | 0 | 0.018 | 0 | 0 | 0 | 0 | 38 | 3.7 | 0.489 | 31.6 | 30.8 | 20.97 | | 42.8107 | -78.8554 |
| 9/16/2016 11:29 | 12.71 | 66.02 | 0 | 0.018 | 0 | 0 | 0 | 0 | 38 | 4.5 | 1.157 | 31.6 | 31 | 22.5 | | 42.8107 | -78.8554 |
| 9/16/2016 11:28 | 12.7 | 68.86 | 0 | 0.018 | 0 | 0 | 0 | 0 | 38 | 8.8 | 0.74 | 31.5 | 31.1 | 23.11 | | 42.8108 | -78.8554 |
| 9/16/2016 11:27 | 12.7 | 71.32 | 0 | 0.018 | 0 | 0 | 0 | 0 | 39 | 5.1 | 0.588 | 31.5 | 31.2 | 22.79 | | 42.8107 | -78.8554 |
| 9/16/2016 11:26 | 12.7 | 69.38 | 0 | 0.018 | 0 | 0 | 0 | 0 | 38 | 18.1 | 4 | 31.3 | 31.3 | 22.99 | | 42.8108 | -78.8554 |
| 9/16/2016 11:25 | 12.71 | 67.57 | 0 | 0.018 | 0 | 0 | 0 | 0 | 39 | 4.3 | 1.246 | 31.2 | 31.3 | 22.02 | | 42.8108 | -78.8554 |
| 9/16/2016 11:24 | 12.7 | 72.22 | 0 | 0.018 | 0 | 0 | 0 | 0 | 38 | 4.5 | 0.807 | 31.1 | 31.5 | 21.97 | | 42.8108 | -78.8554 |
| 9/16/2016 11:23 | 12.7 | 68.6 | 0 | 0.018 | 0 | 0 | 0 | 0 | 39 | 6.4 | 0.59 | 31 | 31.6 | 23.91 | | 42.8108 | -78.8554 |
| 9/16/2016 11:22 | 12.7 | 68.73 | 0 | 0.018 | 0 | 0 | 0 | 0 | 39 | 224.8 | 4 | 31 | 31 | 23.84 | | 42.8108 | -78.8554 |
| 9/16/2016 11:21 | 12.7 | 67.05 | 0 | 0.018 | 0 | 0 | 0 | 0 | 39 | 4.8 | 0.514 | 31 | 30.9 | 9.19 | | 42.8107 | -78.8554 |
| 9/16/2016 11:20 | 12.7 | 69.12 | 0 | 0.018 | 0 | 0 | 0 | 0 | 39 | 5.8 | 0.752 | 30.8 | 31 | 9.18 | | 42.8107 | -78.8554 |
| 9/16/2016 11:19 | 12.7 | 70.28 | 0 | 0.018 | 0 | 0 | 0 | 0 | 39 | 7 | 0.934 | 30.8 | 31.1 | 9.11 | | 42.8108 | -78.8554 |
| 9/16/2016 11:18 | 12.68 | 89.02 | 0 | 0.018 | 0 | 0 | 0 | 0 | 39 | 6.5 | 1.142 | 30.7 | 31.2 | 8.93 | | 42.8107 | -78.8554 |
| 9/16/2016 11:17 | 12.7 | 74.29 | 0 | 0.018 | 0 | 0 | 0 | 0 | 39 | 4.6 | 0.43 | 30.6 | 31.3 | 8.75 | | 42.8107 | -78.8554 |
| 9/16/2016 11:16 | 12.7 | 70.03 | 0 | 0.018 | 0 | 0 | 0 | 0 | 39 | 5.7 | 0.793 | 30.6 | 31.4 | 8.72 | | 42.8107 | -78.8554 |
| 9/16/2016 11:15 | 12.7 | 72.09 | 0 | 0.018 | 0 | 0 | 0 | 0 | 39 | 26.6 | 2.63 | 30.4 | 31.5 | 8.6 | | 42.8107 | -78.8555 |
| 9/16/2016 11:14 | 12.71 | 72.09 | 0 | 0.018 | 0 | 0 | 0 | 0 | 40 | 13.6 | 4 | 30.4 | 31.6 | 8.29 | | 42.8107 | -78.8554 |
| 9/16/2016 11:13 | 12.7 | 67.05 | 0 | 0.018 | 0 | 0 | 0 | 0 | 40 | 4.1 | 0.793 | 30.3 | 31.8 | 7.69 | | 42.8107 | -78.8555 |
| 9/16/2016 11:12 | 12.7 | 66.54 | 0 | 0.018 | 0 | 0 | 0 | 0 | 40 | 8 | 1.812 | 30.3 | 31.9 | 7.65 | | 42.8107 | -78.8554 |
| 9/16/2016 11:11 | 12.69 | 76.74 | 0 | 0.018 | 0 | 0 | 0 | 0 | 40 | 3.6 | 0.552 | 30.2 | 32 | 7.33 | | 42.8107 | -78.8554 |
| 9/16/2016 11:10 | 12.69 | 72.09 | 0 | 0.018 | 0 | 0 | 0 | 0 | 40 | 3.6 | 0.545 | 30 | 32.2 | 7.46 | | 42.8107 | -78.8554 |
| 9/16/2016 11:09 | 12.7 | 70.03 | 0 | 0.018 | 0 | 0 | 0 | 0 | 40 | 33.6 | 4 | 30 | 32.3 | 7.59 | | 42.8107 | -78.8554 |
| 9/16/2016 11:08 | 12.7 | 68.6 | 0 | 0.018 | 0 | 0 | 0 | 0 | 40 | 5.3 | 0.651 | 29.9 | 32.4 | 6.3 | | 42.8107 | -78.8554 |
| 9/16/2016 11:07 | 12.7 | 70.54 | 0 | 0.018 | 0 | 0 | 0 | 0 | 41 | 5.1 | 1.156 | 29.8 | 32.5 | 6.24 | | 42.8107 | -78.8554 |
| 9/16/2016 11:06 | 12.69 | 81.4 | 0 | 0.018 | 0 | 0 | 0 | 0 | 41 | 4.6 | 0.51 | 29.7 | 32.7 | 6.37 | | 42.8108 | -78.8554 |
| 9/16/2016 11:05 | 12.7 | 64.6 | 0 | 0.018 | 0 | 0 | 0 | 0 | 40 | 4.7 | 1.498 | 29.6 | 32.9 | 6.32 | | 42.8108 | -78.8554 |
| 9/16/2016 11:04 | 12.7 | 66.8 | 0 | 0.018 | 0 | 0 | 0 | 0 | 41 | 4.4 | 0.413 | 29.6 | 32.8 | 8 | | 42.8108 | -78.8554 |
| 9/16/2016 11:03 | 12.69 | 79.85 | 0 | 0.018 | 0 | 0 | 0 | 0 | 40 | 3.7 | 0.511 | 29.5 | 32.9 | 7.91 | | 42.8107 | -78.8554 |
| 9/16/2016 11:02 | 12.68 | 84.5 | 0 | 0.018 | 0 | 0 | 0 | 0 | 41 | 4.2 | 0.707 | 29.4 | 33.1 | 7.99 | | 42.8107 | -78.8554 |
| 9/16/2016 11:01 | 12.71 | 65.5 | 0 | 0.018 | 0 | 0 | 0 | 0 | 41 | 3.9 | 0.553 | 29.3 | 33.2 | 8.06 | | 42.8107 | -78.8555 |
| 9/16/2016 11:00 | 12.7 | 68.6 | 0 | 0.018 | 0 | 0 | 0 | 0 | 41 | 21.9 | 4 | 29.2 | 33.4 | 8.45 | | 42.8108 | -78.8554 |
| 9/16/2016 10:59 | 12.69 | 70.16 | 0 | 0.018 | 0 | 0 | 0 | 0 | 41 | 4.6 | 0.485 | 29.2 | 33.5 | 7.42 | | 42.8107 | -78.8554 |
| 9/16/2016 10:58 | 12.69 | 89.28 | 0 | 0.018 | 0 | 0 | 0 | 0 | 42 | 3.5 | 0.508 | 29.1 | 33.7 | 7.79 | | 42.8108 | -78.8555 |
| 9/16/2016 10:57 | 12.7 | 68.99 | 0 | 0.018 | 0 | 0 | 0 | 0 | 41 | 3.3 | 0.521 | 29 | 33.8 | 8.47 | | 42.8108 | -78.8554 |
| 9/16/2016 10:56 | 12.68 | 85.66 | 0 | 0.018 | 0 | 0 | 0 | 0 | 42 | 5.5 | 0.825 | 28.9 | 34 | 8.93 | | 42.8108 | -78.8554 |
| 9/16/2016 10:55 | 12.69 | 70.16 | 0 | 0.018 | 0 | 0 | 0 | 0 | 42 | 5.6 | 0.994 | 28.8 | 34.2 | 8.93 | | 42.8108 | -78.8554 |
| 9/16/2016 10:54 | 12.71 | 67.83 | 0 | 0.018 | 0 | 0 | 0 | 0 | 42 | 14.2 | 4 | 28.6 | 34.3 | 8.99 | | 42.8108 | -78.8554 |

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ENVIRONMENTAL
ENGINEERING &
SCIENCE, PLLC

| Timestamp (GMT-4) | Batt. Voltage (V) | Current (mA) | Low (ppm) | Peak (ppm) | STEL (ppm) | TWA (ppm) | VOC (ppm) | VOC (Avg15) (ppm) | Humidity (%) | Mass (µg/m³) | Particle size (µm) | Temperature (°C) | TWA (µg/m³) | Mass (Avg15) (µg/m³) | TWA (Avg15) (µg/m³) | Latitude | Longitude |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 9/16/2016 10:53 | 12.71 | 67.7 | 0 | 0.018 | 0 | 0 | 0 | 0 | 41 | 4.4 | 0.571 | 28.6 | 34.4 | 9.41 | | 42.8108 | -78.8554 |
| 9/16/2016 10:52 | 12.71 | 66.54 | 0 | 0.018 | 0 | 0 | 0 | 0 | 42 | 7.1 | 1.581 | 28.6 | 34.6 | 9.87 | | 42.8108 | -78.8554 |
| 9/16/2016 10:51 | 12.7 | 67.44 | 0 | 0.018 | 0 | 0 | 0 | 0 | 42 | 3.8 | 0.456 | 28.3 | 34.8 | 9.95 | | 42.8108 | -78.8554 |
| 9/16/2016 10:50 | 12.7 | 68.35 | 0 | 0.018 | 0 | 0 | 0 | 0 | 42 | 29.9 | 4 | 28.3 | 34.7 | 10.1 | | 42.8108 | -78.8554 |
| 9/16/2016 10:49 | 12.7 | 66.41 | 0 | 0.018 | 0 | 0 | 0 | 0 | 43 | 3.1 | 0.514 | 28.2 | 34.9 | 8.42 | | 42.8108 | -78.8554 |
| 9/16/2016 10:48 | 12.7 | 72.48 | 0 | 0.018 | 0 | 0 | 0 | 0 | 43 | 4.9 | 0.55 | 28.1 | 35 | 8.5 | | 42.8108 | -78.8554 |
| 9/16/2016 10:47 | 12.69 | 73 | 0 | 0.018 | 0 | 0 | 0 | 0 | 42 | 5.2 | 0.65 | 28.1 | 35.2 | 8.53 | | 42.8108 | -78.8554 |
| 9/16/2016 10:46 | 12.69 | 74.29 | 0 | 0.018 | 0 | 0 | 0 | 0 | 43 | 9.7 | 4 | 28 | 35.4 | 8.53 | | 42.8108 | -78.8554 |
| 9/16/2016 10:45 | 12.7 | 69.12 | 0 | 0.018 | 0 | 0 | 0 | 0 | 43 | 6.5 | 4 | 27.8 | 35.5 | 8.76 | | 42.8108 | -78.8554 |
| 9/16/2016 10:44 | 12.7 | 71.83 | 0 | 0.018 | 0 | 0 | 0 | 0 | 43 | 10.1 | 4 | 27.7 | 35.6 | 8.65 | | 42.8108 | -78.8554 |
| 9/16/2016 10:43 | 12.7 | 70.16 | 0 | 0.018 | 0 | 0 | 0 | 0 | 43 | 13.7 | 4 | 27.7 | 35.8 | 8.31 | | 42.8108 | -78.8554 |
| 9/16/2016 10:42 | 12.7 | 67.7 | 0 | 0.018 | 0 | 0 | 0 | 0 | 43 | 10.3 | 4 | 27.5 | 35.9 | 7.91 | | 42.8108 | -78.8554 |
| 9/16/2016 10:41 | 12.7 | 66.02 | 0 | 0.018 | 0 | 0 | 0 | 0 | 43 | 5.4 | 0.67 | 27.5 | 36.1 | 10.36 | | 42.8108 | -78.8554 |
| 9/16/2016 10:40 | 12.7 | 68.6 | 0 | 0.018 | 0 | 0 | 0 | 0 | 43 | 6.5 | 0.735 | 27.3 | 36.2 | 10.34 | | 42.8108 | -78.8554 |
| 9/16/2016 10:39 | 12.7 | 70.16 | 0 | 0.018 | 0 | 0 | 0 | 0 | 44 | 20.6 | 4 | 27.3 | 36.4 | 10.25 | | 42.8108 | -78.8554 |
| 9/16/2016 10:38 | 12.68 | 87.08 | 0 | 0.018 | 0 | 0 | 0 | 0 | 44 | 11.2 | 4 | 27.2 | 36.5 | 9.17 | | 42.8108 | -78.8554 |
| 9/16/2016 10:37 | 12.7 | 71.45 | 0 | 0.018 | 0 | 0 | 0 | 0 | 44 | 8.3 | 3.017 | 27.1 | 36.7 | 8.84 | | 42.8108 | -78.8554 |
| 9/16/2016 10:36 | 12.7 | 68.6 | 0 | 0.018 | 0 | 0 | 0 | 0 | 44 | 6.1 | 0.668 | 27.1 | 36.8 | 8.6 | | 42.8108 | -78.8554 |
| 9/16/2016 10:35 | 12.7 | 68.48 | 0 | 0.018 | 0 | 0 | 0 | 0 | 44 | 4.7 | 0.411 | 26.9 | 37.1 | 8.49 | | 42.8108 | -78.8554 |
| 9/16/2016 10:34 | 12.69 | 72.48 | 0 | 0.018 | 0 | 0 | 0 | 0 | 43 | 4.3 | 0.84 | 26.8 | 37.3 | 8.73 | | 42.8108 | -78.8554 |
| 9/16/2016 10:33 | 12.69 | 70.16 | 0 | 0.018 | 0 | 0 | 0 | 0 | 44 | 5.4 | 0.811 | 26.8 | 37.5 | 11.31 | | 42.8108 | -78.8554 |
| 9/16/2016 10:32 | 12.68 | 87.21 | 0 | 0.018 | 0 | 0 | 0 | 0 | 44 | 5.2 | 0.696 | 26.7 | 37.7 | 11.23 | | 42.8108 | -78.8554 |
| 9/16/2016 10:31 | 12.7 | 68.6 | 0 | 0.018 | 0 | 0 | 0 | 0 | 44 | 13.1 | 4 | 26.6 | 37.9 | 12.35 | | 42.8108 | -78.8554 |
| 9/16/2016 10:30 | 12.67 | 83.72 | 0 | 0.018 | 0 | 0 | 0 | 0 | 44 | 4.9 | 0.576 | 26.4 | 38 | 12.47 | | 42.8108 | -78.8554 |
| 9/16/2016 10:29 | 12.67 | 86.43 | 0 | 0.018 | 0 | 0 | 0 | 0 | 44 | 4.9 | 0.515 | 26.3 | 38.3 | 13.81 | | 42.8108 | -78.8554 |
| 9/16/2016 10:28 | 12.69 | 70.67 | 0 | 0.018 | 0 | 0 | 0 | 0 | 45 | 7.7 | 1.242 | 26.2 | 38.5 | 14.15 | | 42.8108 | -78.8554 |
| 9/16/2016 10:27 | 12.7 | 67.57 | 0 | 0.018 | 0 | 0 | 0 | 0 | 45 | 47.1 | 4 | 26.2 | 38.4 | 16.49 | | 42.8108 | -78.8554 |
| 9/16/2016 10:26 | 12.69 | 67.18 | 0 | 0.018 | 0 | 0 | 0 | 0 | 45 | 5.1 | 0.795 | 26.1 | 38.2 | 14.81 | | 42.8108 | -78.8554 |
| 9/16/2016 10:25 | 12.7 | 68.73 | 0 | 0.018 | 0 | 0 | 0 | 0 | 45 | 5.2 | 0.755 | 26 | 38.4 | 14.96 | | 42.8108 | -78.8554 |
| 9/16/2016 10:24 | 12.69 | 73 | 0 | 0.018 | 0 | 0 | 0 | 0 | 45 | 4.4 | 0.596 | 25.8 | 38.7 | 15.2 | | 42.8108 | -78.8554 |
| 9/16/2016 10:23 | 12.68 | 68.22 | 0 | 0.018 | 0 | 0 | 0 | 0 | 46 | 6.2 | 0.913 | 25.7 | 38.9 | 15.27 | | 42.8108 | -78.8554 |
| 9/16/2016 10:22 | 12.68 | 75.45 | 0 | 0.018 | 0 | 0 | 0 | 0 | 46 | 4.7 | 0.64 | 25.6 | 39.1 | 15.99 | | 42.8108 | -78.8554 |
| 9/16/2016 10:21 | 12.69 | 68.35 | 0 | 0.018 | 0 | 0 | 0 | 0 | 46 | 4.4 | 0.819 | 25.5 | 39.3 | 16.47 | | 42.8108 | -78.8554 |
| 9/16/2016 10:20 | 12.68 | 74.94 | 0 | 0.018 | 0 | 0 | 0 | 0 | 46 | 8.3 | 2.798 | 25.4 | 39.6 | 16.95 | | 42.8108 | -78.8554 |
| 9/16/2016 10:19 | 12.69 | 66.54 | 0 | 0.018 | 0 | 0 | 0 | 0 | 46 | 43 | 4 | 25.3 | 39.7 | 18.33 | | 42.8108 | -78.8554 |
| 9/16/2016 10:18 | 12.68 | 75.97 | 0 | 0.018 | 0 | 0 | 0 | 0 | 47 | 4.3 | 0.445 | 25.2 | 39.7 | 16.57 | | 42.8108 | -78.8554 |
| 9/16/2016 10:17 | 12.69 | 69.38 | 0 | 0.018 | 0 | 0 | 0 | 0 | 46 | 22 | 4 | 25.1 | 39.9 | 17.11 | | 42.8108 | -78.8554 |
| 9/16/2016 10:16 | 12.69 | 67.83 | 0 | 0.018 | 0 | 0 | 0 | 0 | 47 | 14.9 | 4 | 25 | 40 | 16.23 | | 42.8108 | -78.8554 |
| 9/16/2016 10:15 | 12.69 | 67.83 | 0 | 0.018 | 0 | 0 | 0 | 0 | 47 | 25 | 4 | 24.8 | 40.2 | 15.83 | | 42.8108 | -78.8554 |
| 9/16/2016 10:14 | 12.66 | 85.14 | 0 | 0.018 | 0 | 0 | 0 | 0 | 47 | 10 | 1.63 | 24.8 | 40.3 | 14.92 | | 42.8108 | -78.8554 |
| 9/16/2016 10:13 | 12.68 | 72.48 | 0 | 0.018 | 0 | 0 | 0 | 0 | 47 | 42.7 | 4 | 24.6 | 40.5 | 15.23 | | 42.8108 | -78.8554 |
| 9/16/2016 10:12 | 12.69 | 67.18 | 0 | 0.018 | 0 | 0 | 0 | 0 | 47 | 22 | 4 | 24.6 | 40.4 | 13.15 | | 42.8108 | -78.8554 |
| 9/16/2016 10:11 | 12.68 | 70.8 | 0 | 0.018 | 0 | 0 | 0 | 0 | 47 | 7.3 | 2.144 | 24.5 | 40.7 | 12.55 | | 42.8108 | -78.8554 |
| 9/16/2016 10:10 | 12.68 | 68.6 | 0 | 0.018 | 0 | 0 | 0 | 0 | 48 | 8.8 | 0.922 | 24.4 | 40.9 | 13.29 | | 42.8108 | -78.8554 |
| 9/16/2016 10:09 | 12.67 | 74.16 | 0 | 0.018 | 0 | 0 | 0 | 0 | 48 | 5.5 | 1.241 | 24.2 | 41.2 | 13.71 | | 42.8108 | -78.8554 |
| 9/16/2016 10:08 | 12.69 | 65.76 | 0 | 0.018 | 0 | 0 | 0 | 0 | 47 | 17 | 4 | 24.1 | 41.5 | 14.51 | | 42.8108 | -78.8554 |
| 9/16/2016 10:07 | 12.68 | 68.48 | 0 | 0.018 | 0 | 0 | 0 | 0 | 47 | 11.8 | 4 | 24 | 41.7 | 14.73 | | 42.8108 | -78.8554 |
| 9/16/2016 10:06 | 12.66 | 83.08 | 0 | 0.018 | 0 | 0 | 0 | 0 | 48 | 11.6 | 2.348 | 24 | 41.8 | 15.64 | | 42.8108 | -78.8554 |
| 9/16/2016 10:05 | 12.68 | 66.93 | 0 | 0.018 | 0 | 0 | 0 | 0 | 48 | 29 | 4 | 23.8 | 42 | 16.49 | | 42.8108 | -78.8554 |
| 9/16/2016 10:04 | 12.66 | 80.23 | 0 | 0.018 | 0 | 0 | 0 | 0 | 48 | 16.6 | 4 | 23.8 | 42.2 | 15.61 | | 42.8108 | -78.8554 |
| 9/16/2016 10:03 | 12.68 | 66.28 | 0 | 0.018 | 0 | 0 | 0 | 0 | 48 | 12.4 | 4 | 23.6 | 42.5 | 15.56 | | 42.8108 | -78.8554 |
| 9/16/2016 10:02 | 12.67 | 68.73 | 0 | 0.018 | 0 | 0 | 0 | 0 | 48 | 8.9 | 1.65 | 23.6 | 42.7 | 15.55 | | 42.8108 | -78.8554 |
| 9/16/2016 10:01 | 12.68 | 71.06 | 0 | 0.018 | 0 | 0 | 0 | 0 | 48 | 8.8 | 2.19 | 23.5 | 42.9 | 16.39 | | 42.8108 | -78.8554 |
| 9/16/2016 10:00 | 12.68 | 67.44 | 0 | 0.018 | 0 | 0 | 0 | 0 | 48 | 11.4 | 4 | 23.4 | 43.2 | 17.58 | | 42.8108 | -78.8554 |
| 9/16/2016 9:59 | 12.66 | 78.94 | 0 | 0.018 | 0 | 0 | 0 | 0 | 49 | 14.6 | 4 | 23.3 | 43.5 | 18.47 | | 42.8108 | -78.8554 |

BENCHMARK ENVIRONMENTAL ENGINEERING & SCIENCE, PLLC

| Timestamp (GMT-4) | Batt. Voltage (V) | Current (mA) | Low (ppm) | Peak (ppm) | STEL (ppm) | TWA (ppm) | VOC (ppm) | VOC (Avg15) (ppm) | Humidity (%) | Mass (µg/m³) | Particle size (µm) | Temperature (°C) | TWA (µg/m³) | Mass (Avg15) (µg/m³) | TWA (Avg15) (µg/m³) | Latitude | Longitude |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 9/16/2016 9:58 | 12.68 | 68.22 | 0 | 0.018 | 0 | 0 | 0 | 0 | 48 | 11.6 | 4 | 23.1 | 43.7 | 19.02 | | 42.8108 | -78.8555 |
| 9/16/2016 9:57 | 12.66 | 79.46 | 0 | 0.018 | 0 | 0 | 0 | 0 | 49 | 12.9 | 4 | 23.1 | 44 | 19.97 | | 42.8108 | -78.8554 |
| 9/16/2016 9:56 | 12.67 | 78.81 | 0 | 0.018 | 0 | 0 | 0 | 0 | 49 | 18.5 | 4 | 22.9 | 44.2 | 20.38 | | 42.8108 | -78.8554 |
| 9/16/2016 9:55 | 12.67 | 72.48 | 0 | 0.018 | 0 | 0 | 0 | 0 | 49 | 15.1 | 4 | 22.8 | 44.4 | 20.79 | | 42.8108 | -78.8554 |
| 9/16/2016 9:54 | 12.67 | 71.19 | 0 | 0.018 | 0 | 0 | 0 | 0 | 49 | 17.5 | 4 | 22.7 | 44.6 | 20.92 | | 42.8108 | -78.8555 |
| 9/16/2016 9:53 | 12.66 | 77.39 | 0 | 0.018 | 0 | 0 | 0 | 0 | 49 | 20.3 | 4 | 22.6 | 44.9 | 21.57 | | 42.8108 | -78.8555 |
| 9/16/2016 9:52 | 12.66 | 80.75 | 0 | 0.018 | 0 | 0 | 0 | 0 | 49 | 25.4 | 4 | 22.6 | 45.1 | 21.57 | | 42.8108 | -78.8554 |
| 9/16/2016 9:51 | 12.67 | 68.73 | 0 | 0.018 | 0 | 0 | 0 | 0 | 50 | 24.3 | 4 | 22.5 | 45.2 | 21.12 | | 42.8108 | -78.8554 |
| 9/16/2016 9:50 | 12.67 | 68.09 | 0 | 0.018 | 0 | 0 | 0 | 0 | 50 | 15.9 | 2.697 | 22.3 | 45.4 | 20.37 | | 42.8108 | -78.8555 |
| 9/16/2016 9:49 | 12.65 | 85.27 | 0 | 0.018 | 0 | 0 | 0 | 0 | 51 | 15.8 | 4 | 22.3 | 45.7 | 20.15 | | 42.8108 | -78.8555 |
| 9/16/2016 9:48 | 12.67 | 74.68 | 0 | 0.018 | 0 | 0 | 0 | 0 | 50 | 12.3 | 3.082 | 22.1 | 46 | 19.98 | | 42.8108 | -78.8555 |
| 9/16/2016 9:47 | 12.67 | 73.13 | 0 | 0.018 | 0 | 0 | 0 | 0 | 50 | 21.5 | 4 | 22 | 46.3 | 19.63 | | 42.8108 | -78.8555 |
| 9/16/2016 9:46 | 12.68 | 65.5 | 0 | 0.018 | 0 | 0 | 0 | 0 | 49 | 26.6 | 4 | 22 | 46.6 | 19.05 | | 42.8108 | -78.8555 |
| 9/16/2016 9:45 | 12.66 | 76.87 | 0 | 0.018 | 0 | 0 | 0 | 0 | 50 | 24.8 | 4 | 21.8 | 46.8 | 18.17 | | 42.8108 | -78.8555 |
| 9/16/2016 9:44 | 12.67 | 68.48 | 0 | 0.018 | 0 | 0 | 0 | 0 | 51 | 22.8 | 4 | 21.7 | 47 | 22.98 | | 42.8108 | -78.8554 |
| 9/16/2016 9:43 | 12.65 | 81.01 | 0 | 0.018 | 0 | 0 | 0 | 0 | 51 | 25.8 | 4 | 21.6 | 47.2 | 24.37 | | 42.8108 | -78.8554 |
| 9/16/2016 9:42 | 12.66 | 75.84 | 0 | 0.018 | 0 | 0 | 0 | 0 | 51 | 19.1 | 4 | 21.5 | 47.5 | 41.92 | | 42.8108 | -78.8554 |
| 9/16/2016 9:41 | 12.66 | 75.71 | 0 | 0.018 | 0 | 0 | 0 | 0 | 52 | 24.6 | 4 | 21.3 | 47.7 | 79.99 | | 42.8108 | -78.8554 |
| 9/16/2016 9:40 | 12.67 | 66.93 | 0 | 0.018 | 0 | 0 | 0 | 0 | 51 | 17.1 | 4 | 21.3 | 48 | 87.37 | | 42.8108 | -78.8554 |
| 9/16/2016 9:39 | 12.66 | 68.86 | 0 | 0.018 | 0 | 0 | 0 | 0 | 51 | 27.2 | 4 | 21.2 | 48.2 | 96.61 | | 42.8108 | -78.8554 |
| 9/16/2016 9:38 | 12.67 | 67.83 | 0 | 0.018 | 0 | 0 | 0 | 0 | 51 | 20.3 | 4 | 21.1 | 48.5 | 115.3 | | 42.8108 | -78.8555 |
| 9/16/2016 9:37 | 12.67 | 69.12 | 0 | 0.018 | 0 | 0 | 0 | 0 | 52 | 18.7 | 4 | 21.1 | 48.8 | 122.09 | | 42.8107 | -78.8554 |
| 9/16/2016 9:36 | 12.67 | 70.8 | 0 | 0.018 | 0 | 0 | 0 | 0 | 51 | 13.1 | 2.143 | 20.9 | 49.2 | 130.04 | | 42.8107 | -78.8554 |
| 9/16/2016 9:35 | 12.66 | 68.35 | 0 | 0.018 | 0 | 0 | 0 | 0 | 51 | 12.6 | 4 | 20.8 | 49.6 | 130.12 | | 42.8108 | -78.8554 |
| 9/16/2016 9:34 | 12.66 | 70.16 | 0 | 0.018 | 0 | 0 | 0 | 0 | 51 | 13.2 | 4 | 20.6 | 49.9 | 130.54 | | 42.8108 | -78.8554 |
| 9/16/2016 9:33 | 12.66 | 66.15 | 0 | 0.018 | 0 | 0 | 0 | 0 | 53 | 7 | 2.393 | 20.6 | 50.4 | 130.94 | | 42.8108 | -78.8554 |
| 9/16/2016 9:32 | 12.63 | 88.11 | 0 | 0.018 | 0 | 0 | 0 | 0 | 52 | 12.9 | 4 | 20.5 | 50.8 | 132.89 | | 42.8108 | -78.8554 |
| 9/16/2016 9:31 | 12.66 | 70.16 | 0 | 0.018 | 0 | 0 | 0 | 0 | 53 | 13.3 | 4 | 20.3 | 51.1 | 136.13 | | 42.8108 | -78.8554 |
| 9/16/2016 9:30 | 12.63 | 94.83 | 0 | 0.018 | 0 | 0 | 0 | 0 | 52 | 97 | 4 | 20.3 | 50.9 | 137.18 | | 42.8108 | -78.8554 |
| 9/16/2016 9:29 | 12.65 | 71.71 | 0 | 0.018 | 0 | 0 | 0 | 0 | 53 | 43.7 | 4 | 20.2 | 50.3 | 131.02 | | 42.8108 | -78.8554 |
| 9/16/2016 9:28 | 12.66 | 71.06 | 0 | 0.018 | 0 | 0 | 0 | 0 | 54 | 289 | 4 | 20.1 | 49.6 | 130.79 | | 42.8108 | -78.8555 |
| 9/16/2016 9:27 | 12.66 | 72.22 | 0 | 0.018 | 0 | 0 | 0 | 0 | 53 | 590.2 | 4 | 20 | 48.2 | 110.15 | | 42.8108 | -78.8555 |
| 9/16/2016 9:26 | 12.64 | 85.79 | 0 | 0.018 | 0 | 0 | 0 | 0 | 53 | 135.3 | 4 | 19.8 | 45 | 67.49 | | 42.8108 | -78.8554 |
| 9/16/2016 9:25 | 12.65 | 71.71 | 0 | 0.018 | 0 | 0 | 0 | 0 | 52 | 155.7 | 4 | 19.7 | 43.6 | 64.43 | | 42.8108 | -78.8554 |
| 9/16/2016 9:24 | 12.65 | 67.05 | 0 | 0.018 | 0 | 0 | 0 | 0 | 53 | 307.5 | 4 | 19.7 | 40.8 | 67.09 | | 42.8108 | -78.8554 |
| 9/16/2016 9:22 | | | 0 | 0.018 | 0 | 0 | 0 | 0 | | | | | | | | 42.8108 | -78.8555 |
| 9/16/2016 9:21 | 12.65 | 75.45 | 0 | 0.018 | 0 | 0 | 0 | 0 | 54 | 14.2 | 4 | 19.5 | 36.6 | 47.32 | | 42.8108 | -78.8555 |
| 9/16/2016 9:20 | 12.66 | 66.8 | 0 | 0.018 | 0 | 0 | 0 | 0 | 54 | 18 | 4 | 19.2 | 36.9 | 47.15 | | 42.8108 | -78.8555 |
| 9/16/2016 9:19 | 12.65 | 68.73 | 0 | 0.018 | 0 | 0 | 0 | 0 | 54 | 18.4 | 4 | 19.2 | 37.1 | 46.83 | | 42.8108 | -78.8554 |
| 9/16/2016 9:18 | 12.64 | 77.65 | 0 | 0.018 | 0 | 0 | 0 | 0 | 55 | 32.4 | 4 | 19 | 37 | 46.52 | | 42.8108 | -78.8554 |
| 9/16/2016 9:17 | 12.65 | 66.15 | 0 | 0.018 | 0 | 0 | 0 | 0 | 54 | 55 | 4 | 18.9 | 37.1 | 45.14 | | 42.8108 | -78.8554 |
| 9/16/2016 9:16 | 12.65 | 70.16 | 0 | 0.018 | 0 | 0 | 0 | 0 | 54 | 27 | 4 | 18.9 | 36.8 | 42.22 | | 42.8108 | -78.8554 |
| 9/16/2016 9:15 | 12.65 | 69.9 | 0 | 0.018 | 0 | 0 | 0 | 0 | 54 | 16.9 | 4 | 18.8 | 36.7 | 41.29 | | 42.8108 | -78.8554 |
| 9/16/2016 9:14 | 12.65 | 73.9 | 0 | 0.018 | 0 | 0 | 0 | 0 | 54 | 40.7 | 4 | 18.6 | 37 | 41.85 | | 42.8108 | -78.8555 |
| 9/16/2016 9:13 | 12.65 | 72.87 | 0 | 0.018 | 0 | 0 | 0 | 0 | 55 | 20.6 | 4 | 18.6 | 36.2 | 41.52 | | 42.8108 | -78.8555 |
| 9/16/2016 9:12 | 12.65 | 67.7 | 0 | 0.018 | 0 | 0 | 0 | 0 | 55 | 35.7 | 4 | 18.4 | 36.3 | 41.15 | | 42.8108 | -78.8555 |
| 9/16/2016 9:11 | 12.65 | 67.44 | 0 | 0.018 | 0 | 0 | 0 | 0 | 55 | 95.5 | 4 | 18.3 | 36.1 | 42.17 | | 42.8108 | -78.8554 |
| 9/16/2016 9:10 | 12.65 | 68.48 | 0 | 0.018 | 0 | 0 | 0 | 0 | 56 | 190.3 | 4 | 18.3 | 36.1 | 36.6 | | 42.8108 | -78.8554 |
| 9/16/2016 9:09 | 12.64 | 66.28 | 0 | 0.018 | 0 | 0 | 0 | 0 | 56 | 123.9 | 4 | 18.2 | 35 | 24.87 | | 42.8108 | -78.8554 |
| 9/16/2016 9:08 | 12.64 | 70.8 | 0 | 0.018 | 0 | 0 | 0 | 0 | 56 | 10.9 | 1.597 | 18.1 | 34.3 | 17.27 | | 42.8108 | -78.8554 |
| 9/16/2016 9:07 | 12.64 | 70.54 | 0 | 0.018 | 0 | 0 | 0 | 0 | 56 | 10.3 | 1.378 | 18.1 | 34.6 | 17.21 | | 42.8108 | -78.8554 |
| 9/16/2016 9:06 | 12.65 | 68.35 | 0 | 0.018 | 0 | 0 | 0 | 0 | 56 | 11.6 | 4 | 17.8 | 35 | 17.05 | | 42.8107 | -78.8554 |
| 9/16/2016 9:05 | 12.64 | 66.54 | 0 | 0.018 | 0 | 0 | 0 | 0 | 57 | 13.3 | 4 | 17.8 | 35.4 | 16.93 | | 42.8108 | -78.8554 |
| 9/16/2016 9:04 | 12.62 | 77 | 0 | 0.018 | 0 | 0 | 0 | 0 | 57 | 13.7 | 4 | 17.7 | 35.7 | 16.6 | | 42.8108 | -78.8554 |
| 9/16/2016 9:03 | 12.63 | 74.16 | 0 | 0.018 | 0 | 0 | 0 | 0 | 57 | 11.7 | 3.002 | 17.7 | 36 | 16.31 | | 42.8108 | -78.8554 |

| Timestamp (GMT-4) | Batt. Voltage (V) | Current (mA) | Low (ppm) | Peak (ppm) | STEL (ppm) | TWA (ppm) | VOC (ppm) | VOC (Avg15) (ppm) | Humidity (%) | Mass (µg/m³) | Particle size (µm) | Temperature (°C) | TWA (µg/m³) | Mass (Avg15) (µg/m³) | TWA (Avg15) (µg/m³) | Latitude | Longitude |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 9/16/2016 9:02 | 12.62 | 78.68 | 0 | 0.018 | 0 | 0 | 0 | 0 | 58 | 11.2 | 4 | 17.5 | 36.4 | 17.34 | | 42.8107 | -78.8554 |
| 9/16/2016 9:01 | 12.63 | 69.9 | 0 | 0.018 | 0 | 0 | 0 | 0 | 57 | 13 | 4 | 17.5 | 36.8 | 18.17 | | 42.8108 | -78.8554 |
| 9/16/2016 9:00 | 12.62 | 78.29 | 0 | 0.018 | 0 | 0 | 0 | 0 | 56 | 25.4 | 4 | 17.4 | 37.2 | 17.99 | | 42.8108 | -78.8554 |
| 9/16/2016 8:59 | 12.63 | 71.32 | 0 | 0.018 | 0 | 0 | 0 | 0 | 57 | 35.7 | 4 | 17.3 | 37.2 | 16.95 | | 42.8108 | -78.8555 |
| 9/16/2016 8:58 | 12.62 | 71.45 | 0 | 0.018 | 0 | 0 | 0 | 0 | 57 | 15 | 2.07 | 17.2 | 37.5 | 15.77 | | 42.8108 | -78.8554 |
| 9/16/2016 8:57 | 12.63 | 66.28 | 0 | 0.018 | 0 | 0 | 0 | 0 | 57 | 51 | 4 | 17.1 | 37.6 | 17.41 | | 42.8108 | -78.8554 |
| 9/16/2016 8:56 | 12.63 | 68.73 | 0 | 0.018 | 0 | 0 | 0 | 0 | 57 | 12 | 4 | 17.1 | 37.4 | 15.4 | | 42.8108 | -78.8554 |
| 9/16/2016 8:55 | 12.63 | 69.25 | 0 | 0.018 | 0 | 0 | 0 | 0 | 58 | 14.4 | 2.647 | 16.9 | 36.8 | 43.95 | | 42.8108 | -78.8555 |
| 9/16/2016 8:54 | 12.63 | 67.83 | 0 | 0.018 | 0 | 0 | 0 | 0 | 57 | 9.9 | 1.708 | 16.9 | 37.2 | 44.15 | | 42.8108 | -78.8555 |
| 9/16/2016 8:53 | 12.63 | 68.86 | 0 | 0.018 | 0 | 0 | 0 | 0 | 58 | 10 | 1.681 | 16.8 | 37.8 | 67.48 | | 42.8108 | -78.8555 |
| 9/16/2016 8:52 | 12.63 | 66.28 | 0 | 0.018 | 0 | 0 | 0 | 0 | 58 | 7.9 | 1.132 | 16.7 | 38.3 | 67.37 | | 42.8108 | -78.8555 |
| 9/16/2016 8:51 | 12.63 | 68.22 | 0 | 0.018 | 0 | 0 | 0 | 0 | 58 | 9.8 | 1.621 | 16.7 | 38.9 | 169.45 | | 42.8108 | -78.8555 |
| 9/16/2016 8:50 | 12.6 | 85.27 | 0 | 0.018 | 0 | 0 | 0 | 0 | 58 | 8.3 | 1.761 | 16.5 | 39.5 | 169.16 | | 42.8108 | -78.8554 |
| 9/16/2016 8:49 | 12.63 | 71.71 | 0 | 0.018 | 0 | 0 | 0 | 0 | 58 | 9.3 | 3.884 | 16.5 | 40.2 | 169.31 | | 42.8108 | -78.8554 |
| 9/16/2016 8:48 | 12.62 | 71.83 | 0 | 0.018 | 0 | 0 | 0 | 0 | 58 | 27.2 | 4 | 16.4 | 40.7 | 169.25 | | 42.8108 | -78.8554 |
| 9/16/2016 8:47 | 12.61 | 75.06 | 0 | 0.018 | 0 | 0 | 0 | 0 | 58 | 23.6 | 4 | 16.3 | 41 | 168.31 | | 42.8108 | -78.8554 |
| 9/16/2016 8:46 | 12.61 | 79.2 | 0 | 0.018 | 0 | 0 | 0 | 0 | 58 | 10.3 | 4 | 16.3 | 41.5 | 167.43 | | 42.8108 | -78.8554 |
| 9/16/2016 8:45 | 12.61 | 72.87 | 0 | 0.018 | 0 | 0 | 0 | 0 | 58 | 9.9 | 4 | 16.2 | 42.2 | 167.31 | | 42.8108 | -78.8554 |
| 9/16/2016 8:44 | 12.61 | 71.58 | 0 | 0.018 | 0 | 0 | 0 | 0 | 59 | 17.9 | 4 | 16.1 | 42.8 | 167.23 | | 42.8108 | -78.8554 |
| 9/16/2016 8:43 | 12.63 | 68.35 | 0 | 0.018 | 0 | 0 | 0 | 0 | 59 | 39.7 | 4 | 16 | 43 | 166.49 | | 42.8108 | -78.8554 |
| 9/16/2016 8:42 | 12.62 | 72.35 | 0 | 0.018 | 0 | 0 | 0 | 0 | 59 | 20.8 | 4 | 15.9 | 43.1 | 164.37 | | 42.8108 | -78.8554 |
| 9/16/2016 8:41 | 12.61 | 73.51 | 0 | 0.018 | 0 | 0 | 0 | 0 | 59 | 440.2 | 4 | 15.8 | 42.4 | 163.48 | | 42.8108 | -78.8554 |
| 9/16/2016 8:40 | 12.61 | 73 | 0 | 0.018 | 0 | 0 | 0 | 0 | 58 | 17.5 | 4 | 15.8 | 38.9 | 135.21 | | 42.8108 | -78.8555 |
| 9/16/2016 8:39 | 12.61 | 69.64 | 0 | 0.018 | 0 | 0 | 0 | 0 | 58 | 359.8 | 4 | 15.7 | 38.8 | 139.07 | | 42.8107 | -78.8555 |
| 9/16/2016 8:38 | 12.62 | 67.57 | 0 | 0.018 | 0 | 0 | 0 | 0 | 58 | 8.4 | 2.424 | 15.5 | 35.2 | 125.38 | | 42.8107 | -78.8555 |
| 9/16/2016 8:37 | 12.61 | 73.77 | 0 | 0.018 | 0 | 0 | 0 | 0 | 58 | 1539.1 | 4 | 15.5 | 32.4 | 128.51 | | 42.8107 | -78.8555 |
| 9/16/2016 8:36 | 12.62 | 69.77 | 0 | 0.018 | 0 | 0 | 0 | 0 | 58 | 5.4 | 0.809 | 15.5 | 23.1 | 26.68 | | 42.8108 | -78.8555 |
| 9/16/2016 8:35 | 12.63 | 67.96 | 0 | 0.018 | 0 | 0 | 0 | 0 | 59 | 10.6 | 4 | 15.5 | 23.6 | 27.1 | | 42.8107 | -78.8555 |
| 9/16/2016 8:34 | 12.61 | 76.49 | 0 | 0.018 | 0 | 0 | 0 | 0 | 59 | 8.3 | 2.79 | 15.3 | 24.1 | 27.13 | | 42.8107 | -78.8555 |
| 9/16/2016 8:33 | 12.63 | 66.28 | 0 | 0.018 | 0 | 0 | 0 | 0 | 58 | 13.1 | 4 | 15.3 | 24.6 | 27.14 | | 42.8107 | -78.8555 |
| 9/16/2016 8:32 | 12.61 | 70.93 | 0 | 0.018 | 0 | 0 | 0 | 0 | 59 | 10.4 | 4 | 15.2 | 24.9 | 26.87 | | 42.8108 | -78.8555 |
| 9/16/2016 8:31 | 12.61 | 68.6 | 0 | 0.018 | 0 | 0 | 0 | 0 | 58 | 8.5 | 4 | 15.1 | 25.4 | 26.77 | | 42.8108 | -78.8555 |
| 9/16/2016 8:30 | 12.59 | 82.3 | 0 | 0.018 | 0 | 0 | 0 | 0 | 58 | 8.8 | 2.749 | 15.1 | 25.9 | 27.14 | | 42.8107 | -78.8555 |
| 9/16/2016 8:29 | 12.61 | 77.13 | 0 | 0.018 | 0 | 0 | 0 | 0 | 58 | 6.7 | 1.183 | 15 | 26.5 | 27.67 | | 42.8108 | -78.8555 |
| 9/16/2016 8:28 | 12.63 | 66.67 | 0 | 0.018 | 0 | 0 | 0 | 0 | 58 | 7.9 | 1.177 | 15 | 27.1 | 28.41 | | 42.8108 | -78.8555 |
| 9/16/2016 8:27 | 12.6 | 80.1 | 0 | 0.018 | 0 | 0 | 0 | 0 | 58 | 7.5 | 1.781 | 14.9 | 27.8 | 29.16 | | 42.8107 | -78.8555 |
| 9/16/2016 8:26 | 12.59 | 86.31 | 0 | 0.018 | 0 | 0 | 0 | 0 | 58 | 16.2 | 4 | 14.8 | 28.5 | 29.97 | | 42.8107 | -78.8555 |
| 9/16/2016 8:25 | 12.61 | 73.51 | 0 | 0.018 | 0 | 0 | 0 | 0 | 58 | 75.3 | 4 | 14.8 | 28.6 | 29.75 | | 42.8108 | -78.8555 |
| 9/16/2016 8:24 | 12.61 | 71.83 | 0 | 0.018 | 0 | 0 | 0 | 0 | 58 | 154.5 | 4 | 14.7 | 24.2 | 25.72 | | 42.8108 | -78.8555 |
| 9/16/2016 8:23 | 12.62 | 68.35 | 0 | 0.018 | 0 | 0 | 0 | 0 | 58 | 55.3 | 4 | 14.7 | 17.9 | 16.29 | | 42.8108 | -78.8555 |
| 9/16/2016 8:22 | 12.63 | 68.99 | 0 | 0.018 | 0 | 0 | 0 | 0 | 58 | 11.7 | 4 | 14.6 | 17.9 | 13.7 | | 42.8108 | -78.8555 |
| 9/16/2016 8:21 | 12.62 | 67.44 | 0 | 0.018 | 0 | 0 | 0 | 0 | 57 | 11.7 | 4 | 14.5 | 18.2 | 13.71 | | 42.8108 | -78.8555 |
| 9/16/2016 8:20 | 12.62 | 67.96 | 0 | 0.018 | 0 | 0 | 0 | 0 | 58 | 11 | 1.748 | 14.4 | 18.5 | 14.25 | | 42.8108 | -78.8555 |
| 9/16/2016 8:19 | 12.63 | 70.8 | 0 | 0.018 | 0 | 0 | 0 | 0 | 57 | 8.5 | 0.862 | 14.3 | 18.8 | 18.42 | | 42.8108 | -78.8555 |
| 9/16/2016 8:18 | 12.62 | 71.96 | 0 | 0.018 | 0 | 0 | 0 | 0 | 57 | 9.1 | 1.003 | 14.3 | 19.4 | 20.9 | | 42.8108 | -78.8555 |
| 9/16/2016 8:17 | 12.61 | 77.13 | 0 | 0.018 | 0 | 0 | 0 | 0 | 57 | 8.9 | 1.944 | 14.3 | 20 | 20.83 | | 42.8108 | -78.8555 |
| 9/16/2016 8:16 | 12.6 | 87.21 | 0 | 0.018 | 0 | 0 | 0 | 0 | 57 | 14 | 4 | 14.3 | 20.6 | 21.11 | | 42.8108 | -78.8555 |
| 9/16/2016 8:15 | 12.61 | 69.51 | 0 | 0.018 | 0 | 0 | 0 | 0 | 56 | 16.8 | 4 | 14.2 | 20.8 | 21.88 | | 42.8108 | -78.8555 |
| 9/16/2016 8:14 | 12.61 | 69.38 | 0 | 0.018 | 0 | 0 | 0 | 0.0001 | 55 | 17.8 | 4 | 14.1 | 21.1 | 21.47 | | 42.8108 | -78.8555 |
| 9/16/2016 8:13 | 12.61 | 70.03 | 0 | 0.018 | 0 | 0 | 0 | 0.0002 | 55 | 19.1 | 4 | 14.1 | 21.4 | 21.73 | | 42.8108 | -78.8555 |
| 9/16/2016 8:12 | 12.61 | 84.75 | 0 | 0.018 | 0 | 0 | 0 | 0.0002 | 54 | 19.7 | 4 | 14.1 | 21.3 | 21.93 | | 42.8108 | -78.8554 |
| 9/16/2016 8:11 | 12.62 | 70.16 | 0 | 0.018 | 0 | 0 | 0 | 0.0002 | 54 | 12.9 | 4 | 14 | 21.7 | 22.12 | | 42.8108 | -78.8555 |
| 9/16/2016 8:10 | 12.63 | 70.28 | 0 | 0.018 | 0 | 0 | 0 | 0.0002 | 53 | 14.8 | 4 | 14 | 22.2 | 22.95 | | 42.8107 | -78.8555 |
| 9/16/2016 8:09 | 12.61 | 70.41 | 0 | 0.018 | 0 | 0 | 0 | 0.0002 | 53 | 13 | 4 | 13.9 | 22.9 | 23.77 | | 42.8108 | -78.8555 |
| 9/16/2016 8:08 | 12.61 | 79.2 | 0 | 0.018 | 0 | 0 | 0 | 0.0003 | 52 | 16.5 | 4 | 13.9 | 23.8 | 24.97 | | 42.8107 | -78.8555 |

| Timestamp (GMT-4) | Batt. Voltage (V) | Current (mA) | Low (ppm) | Peak (ppm) | STEL (ppm) | TWA (ppm) | VOC (ppm) | VOC (Avg15) (ppm) | Humidity (%) | Mass (µg/m³) | Particle size (µm) | Temperature (°C) | TWA (µg/m³) | Mass (Avg15) (µg/m³) | TWA (Avg15) (µg/m³) | Latitude | Longitude |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 9/16/2016 8:07 | 12.62 | 71.19 | 0 | 0.018 | 0 | 0 | 0 | 0.0003 | 52 | 11.8 | 4 | 13.8 | 25.1 | 26.02 | | 42.8108 | -78.8555 |
| 9/16/2016 8:06 | 12.62 | 66.93 | 0 | 0.018 | 0 | 0 | 0 | 0.0003 | 50 | 19.8 | 4 | 13.8 | 27 | 28.06 | | 42.8108 | -78.8555 |
| 9/16/2016 8:05 | 12.63 | 69.12 | 0 | 0.018 | 0 | 0 | 0 | 0.0004 | 48 | 73.6 | 4 | 13.7 | 25.1 | 29.43 | | 42.8108 | -78.8555 |
| 9/16/2016 8:04 | 12.63 | 70.03 | 0 | 0.018 | 0 | 0 | 0 | 0.0005 | 47 | 45.7 | 4 | 13.6 | 15.2 | 20.6 | | 42.8108 | -78.8555 |
| 9/16/2016 8:03 | 12.61 | 73.77 | 0 | 0.018 | 0 | 0 | 0 | 0.0007 | 45 | 8.1 | 1.094 | 13.6 | 14.7 | 14.33 | | 42.8108 | -78.8555 |
| 9/16/2016 8:02 | 12.62 | 67.83 | 0 | 0.018 | 0 | 0 | 0 | 0.001 | 42 | 13.1 | 2.582 | 13.7 | 17 | 16.4 | | 42.8108 | -78.8555 |
| 9/16/2016 8:01 | 12.6 | 70.93 | | | | | | | 34 | 25.5 | 4 | 13.6 | 16.7 | 18.05 | | 42.8108 | -78.8555 |
| 9/16/2016 8:00 | 12.58 | 72.74 | 0.004 | 0.018 | 0 | 0 | 0.002 | 0.002 | 30 | 10.6 | 0.827 | 13.5 | 19.8 | 10.6 | | 42.8107 | -78.8555 |
| 9/16/2016 7:59 | 12.57 | 78.94 | | | | | | | | | | | | | | | |
| 9/16/2016 7:58 | 12.72 | 67.44 | | | | | | | | | | | | | | 42.8104 | -78.8554 |
| 9/16/2016 7:57 | 12.72 | 66.02 | | | | | | | | | | | | | | 42.8099 | -78.8554 |
| 9/16/2016 7:56 | 12.7 | 75.97 | | | | | | | | | | | | | | 42.8099 | -78.8555 |
| 9/16/2016 7:54 | 12.71 | 68.73 | | | | | | | | | | | | | | | |
| 9/16/2016 7:53 | 12.72 | 66.41 | | | | | | | | | | | | | | 42.81 | -78.8555 |
| 9/16/2016 7:52 | 12.72 | 64.73 | | | | | | | | | | | | | | 42.81 | -78.8555 |
| 9/16/2016 7:51 | 12.68 | 81.52 | | | | | | | | | | | | | | 42.8099 | -78.8555 |
| 9/16/2016 7:50 | 12.7 | 79.33 | | | | | | | | | | | | | | 42.8099 | -78.8555 |
| 9/16/2016 7:48 | 12.72 | 64.86 | | | | | | | | | | | | | | 42.81 | -78.8555 |
| 9/16/2016 7:46 | 12.71 | 68.22 | | | | | | | | | | | | | | 42.8099 | -78.8555 |
| 9/16/2016 7:45 | 12.72 | 65.37 | | | | | | | | | | | | | | 42.8099 | -78.8555 |
| 9/16/2016 7:42 | 12.72 | 64.08 | | | | | | | | | | | | | | 42.8099 | -78.8557 |
| 9/16/2016 7:41 | 12.72 | 65.12 | | | | | | | | | | | | | | 42.8133 | -78.8557 |
| 9/16/2016 7:39 | 12.72 | 64.21 | | | | | | | | | | | | | | 42.8181 | -78.8588 |
| 9/16/2016 7:38 | 12.7 | 75.84 | | | | | | | | | | | | | | 42.8195 | -78.8547 |
| 9/16/2016 7:37 | 12.72 | 67.57 | | | | | | | | | | | | | | 42.8187 | -78.8536 |
| 9/16/2016 7:36 | 12.7 | 67.7 | | | | | | | | | | | | | | 42.8187 | -78.8535 |
| 9/16/2016 7:34 | 12.68 | 64.21 | | | | | | | | | | | | | | | |
| 9/16/2016 7:33 | 12.71 | 65.5 | | | | | | | | | | | | | | | |
| 9/16/2016 7:32 | 12.68 | 84.5 | | | | | | | | | | | | | | | |
| 9/16/2016 7:30 | 12.7 | 69.38 | | | | | | | | | | | | | | | |
| 9/16/2016 7:29 | 12.7 | 66.02 | | | | | | | | | | | | | | | |
| 9/16/2016 7:28 | 12.7 | 72.48 | | | | | | | | | | | | | | | |
| 9/16/2016 7:26 | 12.71 | 65.5 | | | | | | | | | | | | | | | |
| 9/16/2016 7:25 | 12.72 | 65.37 | | | | | | | | | | | | | | | |
| 9/16/2016 7:24 | 12.7 | 78.81 | | | | | | | | | | | | | | | |
| 9/16/2016 7:23 | 12.71 | 68.73 | | | | | | | | | | | | | | | |
| 9/16/2016 7:21 | 12.7 | 71.58 | | | | | | | | | | | | | | | |
| 9/16/2016 7:20 | 12.72 | 70.03 | | | | | | | | | | | | | | | |
| 9/16/2016 7:19 | 12.7 | 72.35 | | | | | | | | | | | | | | | |
| 9/16/2016 7:18 | 12.71 | 65.12 | | | | | | | | | | | | | | | |
| 9/16/2016 7:16 | 12.71 | 67.18 | | | | | | | | | | | | | | | |
| 9/16/2016 7:15 | 12.71 | 68.22 | | | | | | | | | | | | | | | |
| 9/16/2016 7:14 | 12.72 | 63.95 | | | | | | | | | | | | | | | |
| 9/16/2016 7:12 | 12.7 | 74.42 | | | | | | | | | | | | | | | |
| 9/16/2016 7:11 | 12.72 | 64.08 | | | | | | | | | | | | | | | |
| 9/16/2016 7:10 | 12.72 | 66.41 | | | | | | | | | | | | | | | |
| 9/16/2016 7:09 | 12.7 | 75.32 | | | | | | | | | | | | | | | |
| 9/16/2016 7:07 | 12.7 | 70.03 | | | | | | | | | | | | | | | |
| 9/16/2016 7:06 | 12.71 | 66.54 | | | | | | | | | | | | | | | |
| 9/16/2016 7:05 | 12.68 | 94.57 | | | | | | | | | | | | | | | |
| 9/16/2016 7:03 | 12.72 | 63.05 | | | | | | | | | | | | | | | |
| 9/16/2016 7:02 | 12.71 | 68.73 | | | | | | | | | | | | | | | |
| 9/16/2016 7:01 | 12.72 | 70.28 | | | | | | | | | | | | | | | |
| 9/16/2016 6:59 | 12.7 | 74.16 | | | | | | | | | | | | | | | |
| 9/16/2016 6:58 | 12.7 | 72.48 | | | | | | | | | | | | | | | |

| Timestamp (GMT-4) | Batt. Voltage (V) | Current (mA) | Low (ppm) | Peak (ppm) | STEL (ppm) | TWA (ppm) | VOC (ppm) | VOC (Avg15) (ppm) | Humidity (%) | Mass (µg/m³) | Particle size (µm) | Temperature (°C) | TWA (µg/m³) | Mass (Avg15) (µg/m³) | TWA (Avg15) (µg/m³) | Latitude | Longitude |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 9/16/2016 6:57 | 12.72 | 72.61 | | | | | | | | | | | | | | | |
| 9/16/2016 6:56 | 12.7 | 67.7 | | | | | | | | | | | | | | | |
| 9/16/2016 6:54 | 12.71 | 71.45 | | | | | | | | | | | | | | | |
| 9/16/2016 6:53 | 12.71 | 66.93 | | | | | | | | | | | | | | | |
| 9/16/2016 6:52 | 12.71 | 68.35 | | | | | | | | | | | | | | | |
| 9/16/2016 6:50 | 12.71 | 67.57 | | | | | | | | | | | | | | | |
| 9/16/2016 6:49 | 12.72 | 69.38 | | | | | | | | | | | | | | | |
| 9/16/2016 6:48 | 12.72 | 66.02 | | | | | | | | | | | | | | | |
| 9/16/2016 6:47 | 12.71 | 70.93 | | | | | | | | | | | | | | | |
| 9/16/2016 6:45 | 12.72 | 65.89 | | | | | | | | | | | | | | | |
| 9/16/2016 6:44 | 12.71 | 68.22 | | | | | | | | | | | | | | | |
| 9/16/2016 6:43 | 12.7 | 78.04 | | | | | | | | | | | | | | | |
| 9/16/2016 6:41 | 12.71 | 68.86 | | | | | | | | | | | | | | | |
| 9/16/2016 6:40 | 12.7 | 76.49 | | | | | | | | | | | | | | | |
| 9/16/2016 6:39 | 12.71 | 68.6 | | | | | | | | | | | | | | | |
| 9/16/2016 6:38 | 12.7 | 71.45 | | | | | | | | | | | | | | | |
| 9/16/2016 6:36 | 12.72 | 67.18 | | | | | | | | | | | | | | | |
| 9/16/2016 6:35 | 12.72 | 63.82 | | | | | | | | | | | | | | | |
| 9/16/2016 6:34 | 12.7 | 64.73 | | | | | | | | | | | | | | | |
| 9/16/2016 6:32 | 12.7 | 68.86 | | | | | | | | | | | | | | | |
| 9/16/2016 6:31 | 12.7 | 69.64 | | | | | | | | | | | | | | | |
| 9/16/2016 6:30 | 12.71 | 72.74 | | | | | | | | | | | | | | | |
| 9/16/2016 6:29 | 12.7 | 71.32 | | | | | | | | | | | | | | | |
| 9/16/2016 6:27 | 12.7 | 70.16 | | | | | | | | | | | | | | | |
| 9/16/2016 6:26 | 12.7 | 70.28 | | | | | | | | | | | | | | | |
| 9/16/2016 6:25 | 12.7 | 69.64 | | | | | | | | | | | | | | | |
| 9/16/2016 6:23 | 12.71 | 66.67 | | | | | | | | | | | | | | | |
| 9/16/2016 6:22 | 12.7 | 70.93 | | | | | | | | | | | | | | | |
| 9/16/2016 6:21 | 12.72 | 64.21 | | | | | | | | | | | | | | | |
| 9/16/2016 6:20 | 12.72 | 65.25 | | | | | | | | | | | | | | | |
| 9/16/2016 6:18 | 12.7 | 72.22 | | | | | | | | | | | | | | | |
| 9/16/2016 6:17 | 12.7 | 65.5 | | | | | | | | | | | | | | | |
| 9/16/2016 6:16 | 12.71 | 70.67 | | | | | | | | | | | | | | | |
| 9/16/2016 6:14 | 12.71 | 65.5 | | | | | | | | | | | | | | | |
| 9/16/2016 6:13 | 12.7 | 71.96 | | | | | | | | | | | | | | | |
| 9/16/2016 6:12 | 12.72 | 70.8 | | | | | | | | | | | | | | | |
| 9/16/2016 6:11 | 12.71 | 63.82 | | | | | | | | | | | | | | | |
| 9/16/2016 6:09 | 12.71 | 73.51 | | | | | | | | | | | | | | | |
| 9/16/2016 6:08 | 12.7 | 70.03 | | | | | | | | | | | | | | | |
| 9/16/2016 6:07 | 12.72 | 62.14 | | | | | | | | | | | | | | | |
| 9/16/2016 6:05 | 12.7 | 72.87 | | | | | | | | | | | | | | | |
| 9/16/2016 6:04 | 12.7 | 69.38 | | | | | | | | | | | | | | | |
| 9/16/2016 6:03 | 12.69 | 83.59 | | | | | | | | | | | | | | | |
| 9/16/2016 6:02 | 12.71 | 65.89 | | | | | | | | | | | | | | | |
| 9/16/2016 6:00 | 12.7 | 73 | | | | | | | | | | | | | | | |
| 9/16/2016 5:59 | 12.7 | 67.18 | | | | | | | | | | | | | | | |
| 9/16/2016 5:58 | 12.71 | 67.44 | | | | | | | | | | | | | | | |
| 9/16/2016 5:56 | 12.7 | 70.16 | | | | | | | | | | | | | | | |
| 9/16/2016 5:55 | 12.7 | 70.16 | | | | | | | | | | | | | | | |
| 9/16/2016 5:54 | 12.71 | 64.34 | | | | | | | | | | | | | | | |
| 9/16/2016 5:53 | 12.69 | 78.17 | | | | | | | | | | | | | | | |
| 9/16/2016 5:51 | 12.7 | 65.89 | | | | | | | | | | | | | | | |
| 9/16/2016 5:50 | 12.69 | 65.89 | | | | | | | | | | | | | | | |
| 9/16/2016 5:49 | 12.7 | 68.6 | | | | | | | | | | | | | | | |
| 9/16/2016 5:47 | 12.69 | 72.22 | | | | | | | | | | | | | | | |

| Timestamp (GMT-4) | Batt. Voltage (V) | Current (mA) | Low (ppm) | Peak (ppm) | STEL (ppm) | TWA (ppm) | VOC (ppm) | VOC (Avg15) (ppm) | Humidity (%) | Mass (µg/m³) | Particle size (µm) | Temperature (°C) | TWA (µg/m³) | Mass (Avg15) (µg/m³) | TWA (Avg15) (µg/m³) | Latitude | Longitude |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 9/16/2016 5:46 | 12.7 | 71.71 | | | | | | | | | | | | | | | |
| 9/16/2016 5:45 | 12.7 | 68.48 | | | | | | | | | | | | | | | |
| 9/16/2016 5:44 | 12.7 | 63.31 | | | | | | | | | | | | | | | |
| 9/16/2016 5:42 | 12.68 | 73.9 | | | | | | | | | | | | | | | |
| 9/16/2016 5:41 | 12.7 | 64.86 | | | | | | | | | | | | | | | |
| 9/16/2016 5:40 | 12.69 | 70.8 | | | | | | | | | | | | | | | |
| 9/16/2016 5:38 | 12.69 | 69.77 | | | | | | | | | | | | | | | |
| 9/16/2016 5:37 | 12.69 | 65.76 | | | | | | | | | | | | | | | |
| 9/16/2016 5:36 | 12.69 | 66.67 | | | | | | | | | | | | | | | |
| 9/16/2016 5:35 | 12.69 | 69.64 | | | | | | | | | | | | | | | |
| 9/16/2016 5:33 | 12.69 | 66.54 | | | | | | | | | | | | | | | |
| 9/16/2016 5:32 | 12.69 | 62.92 | | | | | | | | | | | | | | | |
| 9/16/2016 5:31 | 12.68 | 66.67 | | | | | | | | | | | | | | | |
| 9/16/2016 5:29 | 12.68 | 72.22 | | | | | | | | | | | | | | | |
| 9/16/2016 5:28 | 12.68 | 68.22 | | | | | | | | | | | | | | | |
| 9/16/2016 5:27 | 12.68 | 63.05 | | | | | | | | | | | | | | | |
| 9/16/2016 5:26 | 12.66 | 71.96 | | | | | | | | | | | | | | | |
| 9/16/2016 5:24 | 12.68 | 71.83 | | | | | | | | | | | | | | | |
| 9/16/2016 5:23 | 12.77 | 65.25 | | | | | | | | | | | | | | | |
| 9/16/2016 5:22 | 12.77 | 68.86 | | | | | | | | | | | | | | | |
| 9/16/2016 5:20 | 12.77 | 73.51 | | | | | | | | | | | | | | | |
| 9/16/2016 5:19 | 12.78 | 64.34 | | | | | | | | | | | | | | | |
| 9/16/2016 5:18 | 12.77 | 71.32 | | | | | | | | | | | | | | | |
| 9/16/2016 5:17 | 12.77 | 73.39 | | | | | | | | | | | | | | | |
| 9/16/2016 5:15 | 12.78 | 64.6 | | | | | | | | | | | | | | | |
| 9/16/2016 5:14 | 12.76 | 74.16 | | | | | | | | | | | | | | | |
| 9/16/2016 5:13 | 12.77 | 67.96 | | | | | | | | | | | | | | | |
| 9/16/2016 5:11 | 12.75 | 86.95 | | | | | | | | | | | | | | | |
| 9/16/2016 5:10 | 12.77 | 71.71 | | | | | | | | | | | | | | | |
| 9/16/2016 5:08 | 12.78 | 65.12 | | | | | | | | | | | | | | | |
| 9/16/2016 5:07 | 12.78 | 68.99 | | | | | | | | | | | | | | | |
| 9/16/2016 5:05 | 12.78 | 67.96 | | | | | | | | | | | | | | | |
| 9/16/2016 5:04 | 12.77 | 70.67 | | | | | | | | | | | | | | | |
| 9/16/2016 5:02 | 12.78 | 60.85 | | | | | | | | | | | | | | | |
| 9/16/2016 5:01 | 12.79 | 66.02 | | | | | | | | | | | | | | | |
| 9/16/2016 4:59 | 12.78 | 63.7 | | | | | | | | | | | | | | | |
| 9/16/2016 4:58 | 12.78 | 67.05 | | | | | | | | | | | | | | | |
| 9/16/2016 4:57 | 12.77 | 74.29 | | | | | | | | | | | | | | | |
| 9/16/2016 4:55 | 12.78 | 70.8 | | | | | | | | | | | | | | | |
| 9/16/2016 4:54 | 12.76 | 78.42 | | | | | | | | | | | | | | | |
| 9/16/2016 4:53 | 12.77 | 70.16 | | | | | | | | | | | | | | | |
| 9/16/2016 4:52 | 12.76 | 85.01 | | | | | | | | | | | | | | | |
| 9/16/2016 4:50 | 12.78 | 65.89 | | | | | | | | | | | | | | | |
| 9/16/2016 4:49 | 12.77 | 71.83 | | | | | | | | | | | | | | | |
| 9/16/2016 4:48 | 12.79 | 69.25 | | | | | | | | | | | | | | | |
| 9/16/2016 4:46 | 12.79 | 66.67 | | | | | | | | | | | | | | | |
| 9/16/2016 4:45 | 12.79 | 70.16 | | | | | | | | | | | | | | | |
| 9/16/2016 4:44 | 12.79 | 63.57 | | | | | | | | | | | | | | | |
| 9/16/2016 4:43 | 12.79 | 62.92 | | | | | | | | | | | | | | | |
| 9/16/2016 4:41 | 12.79 | 63.82 | | | | | | | | | | | | | | | |
| 9/16/2016 4:40 | 12.77 | 72.22 | | | | | | | | | | | | | | | |
| 9/16/2016 4:39 | 12.78 | 71.71 | | | | | | | | | | | | | | | |
| 9/16/2016 4:37 | 12.78 | 70.16 | | | | | | | | | | | | | | | |
| 9/16/2016 4:36 | 12.78 | 72.74 | | | | | | | | | | | | | | | |
| 9/16/2016 4:35 | 12.79 | 72.35 | | | | | | | | | | | | | | | |

| Timestamp (GMT-4) | Batt. Voltage (V) | Current (mA) | Low (ppm) | Peak (ppm) | STEL (ppm) | TWA (ppm) | VOC (ppm) | VOC (Avg15) (ppm) | Humidity (%) | Mass (µg/m³) | Particle size (µm) | Temperature (°C) | TWA (µg/m³) | Mass (Avg15) (µg/m³) | TWA (Avg15) (µg/m³) | Latitude | Longitude |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 9/16/2016 4:34 | 12.78 | 73.13 | | | | | | | | | | | | | | | |
| 9/16/2016 4:32 | 12.78 | 64.47 | | | | | | | | | | | | | | | |
| 9/16/2016 4:31 | 12.8 | 63.57 | | | | | | | | | | | | | | | |
| 9/16/2016 4:30 | 12.79 | 64.99 | | | | | | | | | | | | | | | |
| 9/16/2016 4:28 | 12.78 | 72.35 | | | | | | | | | | | | | | | |
| 9/16/2016 4:27 | 12.78 | 78.29 | | | | | | | | | | | | | | | |
| 9/16/2016 4:26 | 12.77 | 77.91 | | | | | | | | | | | | | | | |
| 9/16/2016 4:25 | 12.79 | 65.25 | | | | | | | | | | | | | | | |
| 9/16/2016 4:23 | 12.78 | 65.5 | | | | | | | | | | | | | | | |
| 9/16/2016 4:22 | 12.79 | 64.6 | | | | | | | | | | | | | | | |
| 9/16/2016 4:21 | 12.78 | 70.16 | | | | | | | | | | | | | | | |
| 9/16/2016 4:19 | 12.79 | 67.7 | | | | | | | | | | | | | | | |
| 9/16/2016 4:18 | 12.79 | 71.96 | | | | | | | | | | | | | | | |
| 9/16/2016 4:17 | 12.79 | 72.48 | | | | | | | | | | | | | | | |
| 9/16/2016 4:16 | 12.8 | 57.88 | | | | | | | | | | | | | | | |
| 9/16/2016 4:14 | 12.78 | 77.39 | | | | | | | | | | | | | | | |
| 9/16/2016 4:13 | 12.79 | 67.05 | | | | | | | | | | | | | | | |
| 9/16/2016 4:12 | 12.79 | 71.06 | | | | | | | | | | | | | | | |
| 9/16/2016 4:10 | 12.79 | 70.8 | | | | | | | | | | | | | | | |
| 9/16/2016 4:09 | 12.8 | 64.6 | | | | | | | | | | | | | | | |
| 9/16/2016 4:08 | 12.77 | 85.79 | | | | | | | | | | | | | | | |
| 9/16/2016 4:07 | 12.79 | 65.25 | | | | | | | | | | | | | | | |
| 9/16/2016 4:05 | 12.78 | 70.67 | | | | | | | | | | | | | | | |
| 9/16/2016 4:04 | 12.79 | 71.32 | | | | | | | | | | | | | | | |
| 9/16/2016 4:03 | 12.79 | 69.38 | | | | | | | | | | | | | | | |
| 9/16/2016 4:01 | 12.79 | 65.25 | | | | | | | | | | | | | | | |
| 9/16/2016 4:00 | 12.79 | 68.09 | | | | | | | | | | | | | | | |
| 9/16/2016 3:59 | 12.81 | 63.7 | | | | | | | | | | | | | | | |
| 9/16/2016 3:58 | 12.79 | 64.86 | | | | | | | | | | | | | | | |
| 9/16/2016 3:56 | 12.79 | 66.28 | | | | | | | | | | | | | | | |
| 9/16/2016 3:55 | 12.8 | 68.6 | | | | | | | | | | | | | | | |
| 9/16/2016 3:54 | 12.79 | 75.32 | | | | | | | | | | | | | | | |
| 9/16/2016 3:52 | 12.79 | 75.84 | | | | | | | | | | | | | | | |
| 9/16/2016 3:51 | 12.79 | 72.35 | | | | | | | | | | | | | | | |
| 9/16/2016 3:50 | 12.79 | 73.64 | | | | | | | | | | | | | | | |
| 9/16/2016 3:49 | 12.79 | 71.96 | | | | | | | | | | | | | | | |
| 9/16/2016 3:47 | 12.79 | 67.7 | | | | | | | | | | | | | | | |
| 9/16/2016 3:46 | 12.81 | 64.73 | | | | | | | | | | | | | | | |
| 9/16/2016 3:45 | 12.79 | 65.37 | | | | | | | | | | | | | | | |
| 9/16/2016 3:43 | 12.8 | 67.7 | | | | | | | | | | | | | | | |
| 9/16/2016 3:42 | 12.81 | 67.05 | | | | | | | | | | | | | | | |
| 9/16/2016 3:41 | 12.79 | 72.48 | | | | | | | | | | | | | | | |
| 9/16/2016 3:40 | 12.8 | 66.67 | | | | | | | | | | | | | | | |
| 9/16/2016 3:38 | 12.8 | 72.61 | | | | | | | | | | | | | | | |
| 9/16/2016 3:37 | 12.8 | 73.13 | | | | | | | | | | | | | | | |
| 9/16/2016 3:36 | 12.79 | 71.32 | | | | | | | | | | | | | | | |
| 9/16/2016 3:34 | 12.79 | 69.12 | | | | | | | | | | | | | | | |
| 9/16/2016 3:33 | 12.79 | 74.55 | | | | | | | | | | | | | | | |
| 9/16/2016 3:32 | 12.81 | 63.57 | | | | | | | | | | | | | | | |
| 9/16/2016 3:31 | 12.81 | 64.21 | | | | | | | | | | | | | | | |
| 9/16/2016 3:29 | 12.8 | 72.74 | | | | | | | | | | | | | | | |
| 9/16/2016 3:28 | 12.79 | 78.17 | | | | | | | | | | | | | | | |
| 9/16/2016 3:27 | 12.8 | 64.47 | | | | | | | | | | | | | | | |
| 9/16/2016 3:25 | 12.8 | 69.9 | | | | | | | | | | | | | | | |
| 9/16/2016 3:24 | 12.8 | 69.9 | | | | | | | | | | | | | | | |

| Timestamp (GMT-4) | Batt. Voltage (V) | Current (mA) | Low (ppm) | Peak (ppm) | STEL (ppm) | TWA (ppm) | VOC (ppm) | VOC (Avg15) (ppm) | Humidity (%) | Mass (µg/m³) | Particle size (µm) | Temperature (°C) | TWA (µg/m³) | Mass (Avg15) (µg/m³) | TWA (Avg15) (µg/m³) | Latitude | Longitude |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 9/16/2016 3:23 | 12.8 | 71.96 | | | | | | | | | | | | | | | |
| 9/16/2016 3:22 | 12.8 | 72.87 | | | | | | | | | | | | | | | |
| 9/16/2016 3:20 | 12.81 | 66.41 | | | | | | | | | | | | | | | |
| 9/16/2016 3:19 | 12.8 | 70.16 | | | | | | | | | | | | | | | |
| 9/16/2016 3:18 | 12.81 | 63.95 | | | | | | | | | | | | | | | |
| 9/16/2016 3:16 | 12.81 | 63.05 | | | | | | | | | | | | | | | |
| 9/16/2016 3:15 | 12.81 | 65.37 | | | | | | | | | | | | | | | |
| 9/16/2016 3:14 | 12.81 | 70.03 | | | | | | | | | | | | | | | |
| 9/16/2016 3:12 | 12.8 | 71.83 | | | | | | | | | | | | | | | |
| 9/16/2016 3:11 | 12.8 | 71.83 | | | | | | | | | | | | | | | |
| 9/16/2016 3:10 | 12.79 | 71.19 | | | | | | | | | | | | | | | |
| 9/16/2016 3:09 | 12.81 | 64.6 | | | | | | | | | | | | | | | |
| 9/16/2016 3:07 | 12.8 | 69.64 | | | | | | | | | | | | | | | |
| 9/16/2016 3:06 | 12.79 | 81.14 | | | | | | | | | | | | | | | |
| 9/16/2016 3:05 | 12.81 | 66.41 | | | | | | | | | | | | | | | |
| 9/16/2016 3:03 | 12.81 | 66.93 | | | | | | | | | | | | | | | |
| 9/16/2016 3:02 | 12.81 | 71.19 | | | | | | | | | | | | | | | |
| 9/16/2016 3:01 | 12.81 | 64.99 | | | | | | | | | | | | | | | |
| 9/16/2016 3:00 | 12.81 | 70.54 | | | | | | | | | | | | | | | |
| 9/16/2016 2:58 | 12.79 | 78.94 | | | | | | | | | | | | | | | |
| 9/16/2016 2:57 | 12.81 | 63.95 | | | | | | | | | | | | | | | |
| 9/16/2016 2:56 | 12.8 | 70.28 | | | | | | | | | | | | | | | |
| 9/16/2016 2:54 | 12.81 | 67.44 | | | | | | | | | | | | | | | |
| 9/16/2016 2:53 | 12.81 | 64.21 | | | | | | | | | | | | | | | |
| 9/16/2016 2:52 | 12.81 | 65.12 | | | | | | | | | | | | | | | |
| 9/16/2016 2:51 | 12.81 | 65.37 | | | | | | | | | | | | | | | |
| 9/16/2016 2:49 | 12.82 | 64.6 | | | | | | | | | | | | | | | |
| 9/16/2016 2:48 | 12.82 | 62.66 | | | | | | | | | | | | | | | |
| 9/16/2016 2:47 | 12.81 | 67.96 | | | | | | | | | | | | | | | |
| 9/16/2016 2:45 | 12.82 | 69.9 | | | | | | | | | | | | | | | |
| 9/16/2016 2:44 | 12.81 | 71.06 | | | | | | | | | | | | | | | |
| 9/16/2016 2:43 | 12.83 | 64.73 | | | | | | | | | | | | | | | |
| 9/16/2016 2:42 | 12.82 | 64.47 | | | | | | | | | | | | | | | |
| 9/16/2016 2:40 | 12.82 | 70.03 | | | | | | | | | | | | | | | |
| 9/16/2016 2:39 | 12.81 | 67.83 | | | | | | | | | | | | | | | |
| 9/16/2016 2:38 | 12.81 | 82.3 | | | | | | | | | | | | | | | |
| 9/16/2016 2:36 | 12.82 | 64.21 | | | | | | | | | | | | | | | |
| 9/16/2016 2:35 | 12.81 | 68.86 | | | | | | | | | | | | | | | |
| 9/16/2016 2:34 | 12.83 | 65.37 | | | | | | | | | | | | | | | |
| 9/16/2016 2:33 | 12.81 | 81.52 | | | | | | | | | | | | | | | |
| 9/16/2016 2:31 | 12.81 | 82.43 | | | | | | | | | | | | | | | |
| 9/16/2016 2:30 | 12.82 | 64.99 | | | | | | | | | | | | | | | |
| 9/16/2016 2:29 | 12.82 | 64.34 | | | | | | | | | | | | | | | |
| 9/16/2016 2:27 | 12.81 | 71.58 | | | | | | | | | | | | | | | |
| 9/16/2016 2:26 | 12.83 | 68.6 | | | | | | | | | | | | | | | |
| 9/16/2016 2:25 | 12.83 | 63.05 | | | | | | | | | | | | | | | |
| 9/16/2016 2:24 | 12.83 | 64.86 | | | | | | | | | | | | | | | |
| 9/16/2016 2:22 | 12.83 | 68.86 | | | | | | | | | | | | | | | |
| 9/16/2016 2:21 | 12.79 | 84.37 | | | | | | | | | | | | | | | |
| 9/16/2016 2:20 | 12.82 | 70.8 | | | | | | | | | | | | | | | |
| 9/16/2016 2:18 | 12.83 | 66.15 | | | | | | | | | | | | | | | |
| 9/16/2016 2:17 | 12.82 | 70.03 | | | | | | | | | | | | | | | |
| 9/16/2016 2:16 | 12.83 | 64.34 | | | | | | | | | | | | | | | |
| 9/16/2016 2:15 | 12.83 | 65.76 | | | | | | | | | | | | | | | |
| 9/16/2016 2:13 | 12.83 | 66.41 | | | | | | | | | | | | | | | |

| Timestamp (GMT-4) | Batt. Voltage (V) | Current (mA) | Low (ppm) | Peak (ppm) | STEL (ppm) | TWA (ppm) | VOC (ppm) | VOC (Avg15) (ppm) | Humidity (%) | Mass (µg/m³) | Particle size (µm) | Temperature (°C) | TWA (µg/m³) | Mass (Avg15) (µg/m³) | TWA (Avg15) (µg/m³) | Latitude | Longitude |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 9/16/2016 2:12 | 12.81 | 76.1 | | | | | | | | | | | | | | | |
| 9/16/2016 2:11 | 12.83 | 69.51 | | | | | | | | | | | | | | | |
| 9/16/2016 2:09 | 12.82 | 71.32 | | | | | | | | | | | | | | | |
| 9/16/2016 2:08 | 12.82 | 72.74 | | | | | | | | | | | | | | | |
| 9/16/2016 2:07 | 12.8 | 89.02 | | | | | | | | | | | | | | | |
| 9/16/2016 2:06 | 12.81 | 76.36 | | | | | | | | | | | | | | | |
| 9/16/2016 2:04 | 12.83 | 65.25 | | | | | | | | | | | | | | | |
| 9/16/2016 2:03 | 12.82 | 70.67 | | | | | | | | | | | | | | | |
| 9/16/2016 2:02 | 12.81 | 76.23 | | | | | | | | | | | | | | | |
| 9/16/2016 2:00 | 12.83 | 62.53 | | | | | | | | | | | | | | | |
| 9/16/2016 1:59 | 12.83 | 64.99 | | | | | | | | | | | | | | | |
| 9/16/2016 1:58 | 12.83 | 67.83 | | | | | | | | | | | | | | | |
| 9/16/2016 1:57 | 12.8 | 86.69 | | | | | | | | | | | | | | | |
| 9/16/2016 1:55 | 12.82 | 70.93 | | | | | | | | | | | | | | | |
| 9/16/2016 1:54 | 12.83 | 63.57 | | | | | | | | | | | | | | | |
| 9/16/2016 1:53 | 12.83 | 75.58 | | | | | | | | | | | | | | | |
| 9/16/2016 1:51 | 12.82 | 78.42 | | | | | | | | | | | | | | | |
| 9/16/2016 1:50 | 12.83 | 69.12 | | | | | | | | | | | | | | | |
| 9/16/2016 1:49 | 12.83 | 66.02 | | | | | | | | | | | | | | | |
| 9/16/2016 1:48 | 12.83 | 70.16 | | | | | | | | | | | | | | | |
| 9/16/2016 1:46 | 12.83 | 66.93 | | | | | | | | | | | | | | | |
| 9/16/2016 1:45 | 12.83 | 66.28 | | | | | | | | | | | | | | | |
| 9/16/2016 1:44 | 12.83 | 65.12 | | | | | | | | | | | | | | | |
| 9/16/2016 1:42 | 12.83 | 64.86 | | | | | | | | | | | | | | | |
| 9/16/2016 1:41 | 12.81 | 77.65 | | | | | | | | | | | | | | | |
| 9/16/2016 1:40 | 12.84 | 63.82 | | | | | | | | | | | | | | | |
| 9/16/2016 1:39 | 12.83 | 69.25 | | | | | | | | | | | | | | | |
| 9/16/2016 1:37 | 12.84 | 66.8 | | | | | | | | | | | | | | | |
| 9/16/2016 1:36 | 12.84 | 67.83 | | | | | | | | | | | | | | | |
| 9/16/2016 1:35 | 12.84 | 65.89 | | | | | | | | | | | | | | | |
| 9/16/2016 1:33 | 12.84 | 67.44 | | | | | | | | | | | | | | | |
| 9/16/2016 1:32 | 12.83 | 71.71 | | | | | | | | | | | | | | | |
| 9/16/2016 1:31 | 12.84 | 63.95 | | | | | | | | | | | | | | | |
| 9/16/2016 1:30 | 12.84 | 66.67 | | | | | | | | | | | | | | | |
| 9/16/2016 1:28 | 12.84 | 65.76 | | | | | | | | | | | | | | | |
| 9/16/2016 1:27 | 12.84 | 68.35 | | | | | | | | | | | | | | | |
| 9/16/2016 1:26 | 12.83 | 71.83 | | | | | | | | | | | | | | | |
| 9/16/2016 1:24 | 12.84 | 69.9 | | | | | | | | | | | | | | | |
| 9/16/2016 1:23 | 12.84 | 68.35 | | | | | | | | | | | | | | | |
| 9/16/2016 1:22 | 12.85 | 63.95 | | | | | | | | | | | | | | | |
| 9/16/2016 1:21 | 12.85 | 65.37 | | | | | | | | | | | | | | | |
| 9/16/2016 1:19 | 12.84 | 67.57 | | | | | | | | | | | | | | | |
| 9/16/2016 1:18 | 12.83 | 70.93 | | | | | | | | | | | | | | | |
| 9/16/2016 1:17 | 12.84 | 64.99 | | | | | | | | | | | | | | | |
| 9/16/2016 1:15 | 12.84 | 67.18 | | | | | | | | | | | | | | | |
| 9/16/2016 1:14 | 12.84 | 68.73 | | | | | | | | | | | | | | | |
| 9/16/2016 1:13 | 12.84 | 69.64 | | | | | | | | | | | | | | | |
| 9/16/2016 1:12 | 12.85 | 63.95 | | | | | | | | | | | | | | | |
| 9/16/2016 1:10 | 12.85 | 70.28 | | | | | | | | | | | | | | | |
| 9/16/2016 1:09 | 12.84 | 69.12 | | | | | | | | | | | | | | | |
| 9/16/2016 1:08 | 12.84 | 73 | | | | | | | | | | | | | | | |
| 9/16/2016 1:06 | 12.85 | 64.08 | | | | | | | | | | | | | | | |
| 9/16/2016 1:05 | 12.84 | 64.6 | | | | | | | | | | | | | | | |
| 9/16/2016 1:04 | 12.84 | 66.02 | | | | | | | | | | | | | | | |
| 9/16/2016 1:03 | 12.85 | 68.35 | | | | | | | | | | | | | | | |

| Timestamp (GMT-4) | Batt. Voltage (V) | Current (mA) | Low (ppm) | Peak (ppm) | STEL (ppm) | TWA (ppm) | VOC (ppm) | VOC (Avg15) (ppm) | Humidity (%) | Mass (µg/m³) | Particle size (µm) | Temperature (°C) | TWA (µg/m³) | Mass (Avg15) (µg/m³) | TWA (Avg15) (µg/m³) | Latitude | Longitude |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 9/16/2016 1:01 | 12.84 | 66.93 | | | | | | | | | | | | | | | |
| 9/16/2016 1:00 | 12.85 | 67.18 | | | | | | | | | | | | | | | |
| 9/16/2016 0:59 | 12.85 | 64.6 | | | | | | | | | | | | | | | |
| 9/16/2016 0:57 | 12.85 | 70.03 | | | | | | | | | | | | | | | |
| 9/16/2016 0:56 | 12.85 | 70.16 | | | | | | | | | | | | | | | |
| 9/16/2016 0:55 | 12.85 | 71.71 | | | | | | | | | | | | | | | |
| 9/16/2016 0:54 | 12.85 | 63.57 | | | | | | | | | | | | | | | |
| 9/16/2016 0:52 | 12.84 | 71.96 | | | | | | | | | | | | | | | |
| 9/16/2016 0:51 | 12.84 | 73.13 | | | | | | | | | | | | | | | |
| 9/16/2016 0:50 | 12.86 | 63.05 | | | | | | | | | | | | | | | |
| 9/16/2016 0:48 | 12.85 | 66.02 | | | | | | | | | | | | | | | |
| 9/16/2016 0:47 | 12.85 | 65.37 | | | | | | | | | | | | | | | |
| 9/16/2016 0:46 | 12.85 | 69.77 | | | | | | | | | | | | | | | |
| 9/16/2016 0:45 | 12.85 | 70.93 | | | | | | | | | | | | | | | |
| 9/16/2016 0:43 | 12.85 | 63.95 | | | | | | | | | | | | | | | |
| 9/16/2016 0:42 | 12.85 | 66.02 | | | | | | | | | | | | | | | |
| 9/16/2016 0:41 | 12.85 | 70.8 | | | | | | | | | | | | | | | |
| 9/16/2016 0:39 | 12.85 | 70.67 | | | | | | | | | | | | | | | |
| 9/16/2016 0:38 | 12.85 | 64.6 | | | | | | | | | | | | | | | |
| 9/16/2016 0:37 | 12.85 | 73 | | | | | | | | | | | | | | | |
| 9/16/2016 0:36 | 12.85 | 67.57 | | | | | | | | | | | | | | | |
| 9/16/2016 0:34 | 12.85 | 67.31 | | | | | | | | | | | | | | | |
| 9/16/2016 0:33 | 12.86 | 63.7 | | | | | | | | | | | | | | | |
| 9/16/2016 0:32 | 12.85 | 66.15 | | | | | | | | | | | | | | | |
| 9/16/2016 0:30 | 12.87 | 63.57 | | | | | | | | | | | | | | | |
| 9/16/2016 0:29 | 12.85 | 71.96 | | | | | | | | | | | | | | | |
| 9/16/2016 0:28 | 12.86 | 68.35 | | | | | | | | | | | | | | | |
| 9/16/2016 0:27 | 12.85 | 70.03 | | | | | | | | | | | | | | | |
| 9/16/2016 0:25 | 12.85 | 74.81 | | | | | | | | | | | | | | | |
| 9/16/2016 0:24 | 12.86 | 63.82 | | | | | | | | | | | | | | | |
| 9/16/2016 0:23 | 12.85 | 79.07 | | | | | | | | | | | | | | | |
| 9/16/2016 0:21 | 12.86 | 67.7 | | | | | | | | | | | | | | | |
| 9/16/2016 0:20 | 12.85 | 73.64 | | | | | | | | | | | | | | | |
| 9/16/2016 0:19 | 12.86 | 68.6 | | | | | | | | | | | | | | | |
| 9/16/2016 0:18 | 12.85 | 73.39 | | | | | | | | | | | | | | | |
| 9/16/2016 0:16 | 12.87 | 67.7 | | | | | | | | | | | | | | | |
| 9/16/2016 0:15 | 12.86 | 70.41 | | | | | | | | | | | | | | | |
| 9/16/2016 0:14 | 12.87 | 68.22 | | | | | | | | | | | | | | | |

| Timestamp (GMT-4) | Batt. Voltage (V) | Current (mA) | Low (ppm) | Peak (ppm) | STEL (ppm) | TWA (ppm) | VOC (ppm) | VOC (Avg15) (ppm) | Humidity (%) | Mass (µg/m³) | Particle size (µm) | Temperature (℃) | TWA (µg/m³) | Mass (Avg15) (µg/m³) | Latitude | Longitude |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 9/19/2016 16:05 | 12.57 | 69.51 | 0 | 0.051 | 0 | 0 | 0 | 0 | 33 | 7.4 | 1.083 | 39 | 9.9 | 7.27 | 42.8107 | -78.8555 |
| 9/19/2016 16:04 | 12.57 | 67.18 | 0 | 0.051 | 0 | 0 | 0 | 0 | 33 | 3.6 | 0.749 | 39 | 10 | 7.07 | 42.8108 | -78.8555 |
| 9/19/2016 16:03 | 12.57 | 68.6 | 0 | 0.051 | 0 | 0 | 0 | 0 | 33 | 42 | 4 | 39 | 9.9 | 7.13 | 42.8108 | -78.8555 |
| 9/19/2016 16:02 | 12.57 | 66.54 | 0 | 0.051 | 0 | 0 | 0 | 0 | 33 | 5.6 | 1.361 | 38.9 | 9.9 | 4.59 | 42.8108 | -78.8555 |
| 9/19/2016 16:01 | 12.57 | 69.9 | 0 | 0.051 | 0 | 0 | 0 | 0 | 33 | 4.6 | 0.894 | 39 | 9.9 | 4.51 | 42.8108 | -78.8555 |
| 9/19/2016 16:00 | 12.57 | 64.86 | 0 | 0.051 | 0 | 0 | 0 | 0 | 33 | 6.9 | 4 | 39 | 9.9 | 4.46 | 42.8107 | -78.8555 |
| 9/19/2016 15:59 | 12.57 | 67.44 | 0 | 0.051 | 0 | 0 | 0 | 0 | 33 | 3.4 | 0.527 | 39 | 10 | 4.26 | 42.8107 | -78.8555 |
| 9/19/2016 15:58 | 12.57 | 71.58 | 0 | 0.051 | 0 | 0 | 0 | 0 | 34 | 3.8 | 0.443 | 39.1 | 10 | 4.55 | 42.8108 | -78.8555 |
| 9/19/2016 15:57 | 12.55 | 71.45 | 0 | 0.051 | 0 | 0 | 0 | 0 | 33 | 4.8 | 0.578 | 39 | 10 | 4.67 | 42.8108 | -78.8555 |
| 9/19/2016 15:56 | 12.56 | 76.49 | 0 | 0.051 | 0 | 0 | 0 | 0 | 34 | 4.6 | 0.687 | 38.9 | 10 | 4.64 | 42.8108 | -78.8555 |
| 9/19/2016 15:55 | 12.56 | 74.42 | 0 | 0.051 | 0 | 0 | 0 | 0 | 33 | 4.3 | 0.46 | 39 | 10 | 4.65 | 42.8108 | -78.8555 |
| 9/19/2016 15:54 | 12.57 | 74.16 | 0 | 0.051 | 0 | 0 | 0 | 0 | 34 | 4 | 0.551 | 39 | 10 | 4.57 | 42.8108 | -78.8555 |
| 9/19/2016 15:53 | 12.57 | 65.25 | 0 | 0.051 | 0 | 0 | 0 | 0 | 32 | 3.8 | 0.562 | 39 | 10 | 4.63 | 42.8108 | -78.8555 |
| 9/19/2016 15:52 | 12.56 | 79.33 | 0 | 0.051 | 0 | 0 | 0 | 0 | 34 | 5.5 | 0.785 | 39 | 10 | 4.7 | 42.8108 | -78.8555 |
| 9/19/2016 15:51 | 12.57 | 69.25 | 0 | 0.051 | 0 | 0 | 0 | 0 | 34 | 4.8 | 0.849 | 39 | 10 | 4.59 | 42.8107 | -78.8555 |
| 9/19/2016 15:50 | 12.57 | 68.48 | 0 | 0.051 | 0 | 0 | 0 | 0 | 34 | 4.4 | 0.653 | 39 | 10.1 | 4.58 | 42.8108 | -78.8555 |
| 9/19/2016 15:49 | 12.56 | 73.39 | 0 | 0.051 | 0 | 0 | 0 | 0 | 33 | 4.4 | 0.435 | 39 | 10.1 | 4.61 | 42.8108 | -78.8555 |
| 9/19/2016 15:48 | 12.55 | 83.46 | 0 | 0.051 | 0 | 0 | 0 | 0 | 34 | 3.9 | 0.486 | 39.1 | 10.1 | 4.55 | 42.8107 | -78.8555 |
| 9/19/2016 15:47 | 12.57 | 70.93 | 0 | 0.051 | 0 | 0 | 0 | 0 | 34 | 4.5 | 0.453 | 38.9 | 10.1 | 4.59 | 42.8107 | -78.8555 |
| 9/19/2016 15:46 | 12.57 | 65.63 | 0 | 0.051 | 0 | 0 | 0 | 0 | 34 | 3.8 | 0.578 | 39.1 | 10.1 | 4.59 | 42.8108 | -78.8555 |
| 9/19/2016 15:45 | 12.55 | 86.82 | 0 | 0.051 | 0 | 0 | 0 | 0 | 33 | 3.9 | 0.579 | 39.1 | 10.1 | 4.63 | 42.8108 | -78.8555 |
| 9/19/2016 15:44 | 12.57 | 68.09 | 0 | 0.051 | 0 | 0 | 0 | 0 | 34 | 7.8 | 1.651 | 39.1 | 10.1 | 5.11 | 42.8107 | -78.8555 |
| 9/19/2016 15:43 | 12.57 | 66.54 | 0 | 0.051 | 0 | 0 | 0 | 0 | 34 | 5.5 | 0.714 | 39.1 | 10.1 | 4.95 | 42.8107 | -78.8555 |
| 9/19/2016 15:42 | 12.57 | 75.71 | 0 | 0.051 | 0 | 0 | 0 | 0 | 34 | 4.4 | 0.649 | 39.1 | 10.1 | 4.88 | 42.8108 | -78.8555 |
| 9/19/2016 15:41 | 12.57 | 66.41 | 0 | 0.051 | 0 | 0 | 0 | 0 | 34 | 4.7 | 0.604 | 39 | 10.2 | 4.79 | 42.8108 | -78.8555 |
| 9/19/2016 15:40 | 12.57 | 66.93 | 0 | 0.051 | 0 | 0 | 0 | 0 | 33 | 3.2 | 0.548 | 39 | 10.2 | 4.82 | 42.8108 | -78.8555 |
| 9/19/2016 15:39 | 12.57 | 70.16 | 0 | 0.051 | 0 | 0 | 0 | 0 | 34 | 4.9 | 0.574 | 39.1 | 10.2 | 5.27 | 42.8107 | -78.8555 |
| 9/19/2016 15:38 | 12.57 | 69.12 | 0 | 0.051 | 0 | 0 | 0 | 0 | 33 | 4.8 | 0.643 | 39.1 | 10.2 | 5.34 | 42.8108 | -78.8555 |
| 9/19/2016 15:37 | 12.57 | 67.05 | 0 | 0.051 | 0 | 0 | 0 | 0 | 32 | 3.8 | 0.469 | 39 | 10.2 | 5.32 | 42.8108 | -78.8555 |
| 9/19/2016 15:36 | 12.57 | 66.93 | 0 | 0.051 | 0 | 0 | 0 | 0 | 33 | 4.7 | 0.669 | 39 | 10.2 | 5.45 | 42.8107 | -78.8555 |
| 9/19/2016 15:35 | 12.58 | 67.05 | 0 | 0.051 | 0 | 0 | 0 | 0 | 33 | 4.8 | 0.738 | 39 | 10.2 | 5.5 | 42.8108 | -78.8555 |
| 9/19/2016 15:34 | 12.57 | 69.64 | 0 | 0.051 | 0 | 0 | 0 | 0 | 33 | 3.6 | 0.569 | 39.1 | 10.2 | 5.56 | 42.8108 | -78.8555 |
| 9/19/2016 15:33 | 12.57 | 71.83 | 0 | 0.051 | 0 | 0 | 0 | 0 | 33 | 4.4 | 0.695 | 39.1 | 10.2 | 5.66 | 42.8108 | -78.8555 |
| 9/19/2016 15:32 | 12.57 | 68.73 | 0 | 0.051 | 0 | 0 | 0 | 0 | 34 | 4.6 | 0.732 | 39 | 10.3 | 5.71 | 42.8108 | -78.8555 |
| 9/19/2016 15:31 | 12.57 | 74.29 | 0 | 0.051 | 0 | 0 | 0 | 0 | 34 | 4.4 | 0.706 | 39 | 10.3 | 5.68 | 42.8108 | -78.8555 |
| 9/19/2016 15:30 | 12.57 | 70.03 | 0 | 0.051 | 0 | 0 | 0 | 0 | 34 | 11.1 | 0.88 | 39 | 10.3 | 5.75 | 42.8108 | -78.8555 |
| 9/19/2016 15:29 | 12.57 | 66.28 | 0 | 0.051 | 0 | 0 | 0 | 0 | 34 | 5.3 | 0.576 | 38.9 | 10.3 | 5.33 | 42.8108 | -78.8555 |
| 9/19/2016 15:28 | 12.57 | 67.83 | 0 | 0.051 | 0 | 0 | 0 | 0 | 35 | 4.5 | 0.671 | 39 | 10.3 | 5.23 | 42.8108 | -78.8555 |
| 9/19/2016 15:27 | 12.58 | 68.48 | 0 | 0.051 | 0 | 0 | 0 | 0 | 34 | 3 | 0.422 | 39 | 10.3 | 5.26 | 42.8108 | -78.8555 |
| 9/19/2016 15:26 | 12.57 | 70.54 | 0 | 0.051 | 0 | 0 | 0 | 0 | 34 | 5.2 | 0.702 | 39 | 10.3 | 5.39 | 42.8108 | -78.8555 |
| 9/19/2016 15:25 | 12.57 | 68.6 | 0 | 0.051 | 0 | 0 | 0 | 0 | 35 | 10 | 1.105 | 39 | 10.3 | 5.39 | 42.8108 | -78.8555 |
| 9/19/2016 15:24 | 12.59 | 68.22 | 0 | 0.051 | 0 | 0 | 0 | 0 | 34 | 5.9 | 0.548 | 39 | 10.3 | 5.03 | 42.8108 | -78.8555 |
| 9/19/2016 15:23 | 12.59 | 69.9 | 0 | 0.051 | 0 | 0 | 0 | 0 | 35 | 4.5 | 0.498 | 39 | 10.4 | 4.85 | 42.8107 | -78.8555 |
| 9/19/2016 15:22 | 12.58 | 66.54 | 0 | 0.051 | 0 | 0 | 0 | 0 | 34 | 5.7 | 0.561 | 39 | 10.4 | 4.88 | 42.8107 | -78.8555 |
| 9/19/2016 15:21 | 12.58 | 65.89 | 0 | 0.051 | 0 | 0 | 0 | 0 | 35 | 5.5 | 0.522 | 39 | 10.4 | 4.74 | 42.8107 | -78.8555 |
| 9/19/2016 15:20 | 12.58 | 73.26 | 0 | 0.051 | 0 | 0 | 0 | 0 | 34 | 5.7 | 0.765 | 39 | 10.4 | 4.76 | 42.8108 | -78.8555 |

| Timestamp (GMT-4) | Batt. Voltage (V) | Current (mA) | Low (ppm) | Peak (ppm) | STEL (ppm) | TWA (ppm) | VOC (ppm) | VOC (Avg15) (ppm) | Humidity (%) | Mass (µg/m³) | Particle size (µm) | Temperature (℃) | TWA (µg/m³) | Mass (Avg15) (µg/m³) | Latitude | Longitude |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 9/19/2016 15:19 | 12.58 | 68.48 | 0 | 0.051 | 0 | 0 | 0 | 0 | 34 | 5.1 | 0.584 | 39 | 10.4 | 4.65 | 42.8108 | -78.8555 |
| 9/19/2016 15:18 | 12.59 | 67.05 | 0 | 0.051 | 0 | 0 | 0 | 0 | 35 | 5.2 | 0.518 | 39 | 10.4 | 4.68 | 42.8108 | -78.8555 |
| 9/19/2016 15:17 | 12.58 | 69.51 | 0 | 0.051 | 0 | 0 | 0 | 0 | 34 | 4.1 | 0.537 | 39.1 | 10.4 | 4.63 | 42.8108 | -78.8555 |
| 9/19/2016 15:16 | 12.59 | 69.9 | 0 | 0.051 | 0 | 0 | 0 | 0 | 34 | 5.5 | 0.63 | 39 | 10.4 | 4.65 | 42.8108 | -78.8555 |
| 9/19/2016 15:15 | 12.57 | 68.99 | 0 | 0.051 | 0 | 0 | 0 | 0 | 34 | 4.7 | 0.409 | 39 | 10.5 | 5.21 | 42.8107 | -78.8555 |
| 9/19/2016 15:14 | 12.58 | 69.51 | 0 | 0.051 | 0 | 0 | 0 | 0 | 34 | 3.8 | 0.568 | 38.9 | 10.5 | 5.25 | 42.8107 | -78.8555 |
| 9/19/2016 15:13 | 12.58 | 70.54 | 0 | 0.051 | 0 | 0 | 0 | 0 | 34 | 5 | 0.751 | 39 | 10.5 | 5.32 | 42.8107 | -78.8555 |
| 9/19/2016 15:12 | 12.59 | 68.22 | 0 | 0.051 | 0 | 0 | 0 | 0 | 35 | 5 | 0.639 | 38.9 | 10.5 | 5.26 | 42.8107 | -78.8555 |
| 9/19/2016 15:11 | 12.58 | 67.83 | 0 | 0.051 | 0 | 0 | 0 | 0 | 35 | 5.1 | 0.627 | 39 | 10.5 | 5.42 | 42.8107 | -78.8555 |
| 9/19/2016 15:10 | 12.58 | 69.64 | 0 | 0.051 | 0 | 0 | 0 | 0 | 35 | 4.7 | 0.614 | 38.9 | 10.5 | 5.41 | 42.8108 | -78.8555 |
| 9/19/2016 15:09 | 12.59 | 70.03 | 0 | 0.051 | 0 | 0 | 0 | 0 | 35 | 3.1 | 0.448 | 39 | 10.5 | 5.43 | 42.8108 | -78.8555 |
| 9/19/2016 15:08 | 12.59 | 69.51 | 0 | 0.051 | 0 | 0 | 0 | 0 | 34 | 5 | 0.491 | 39 | 10.5 | 5.6 | 42.8108 | -78.8555 |
| 9/19/2016 15:07 | 12.59 | 70.28 | 0 | 0.051 | 0 | 0 | 0 | 0 | 36 | 3.6 | 0.567 | 38.9 | 10.6 | 5.84 | 42.8108 | -78.8555 |
| 9/19/2016 15:06 | 12.57 | 73.9 | 0 | 0.051 | 0 | 0 | 0 | 0 | 36 | 5.8 | 0.498 | 39 | 10.6 | 5.97 | 42.8108 | -78.8555 |
| 9/19/2016 15:05 | 12.59 | 71.71 | 0 | 0.051 | 0 | 0 | 0 | 0 | 35 | 4 | 0.464 | 39 | 10.6 | 5.9 | 42.8107 | -78.8555 |
| 9/19/2016 15:04 | 12.58 | 69.77 | 0 | 0.051 | 0 | 0 | 0 | 0 | 35 | 5.6 | 0.548 | 38.9 | 10.6 | 6.03 | 42.8108 | -78.8555 |
| 9/19/2016 15:03 | 12.59 | 67.83 | 0 | 0.051 | 0 | 0 | 0 | 0 | 36 | 4.4 | 0.436 | 38.9 | 10.6 | 6.05 | 42.8107 | -78.8555 |
| 9/19/2016 15:02 | 12.58 | 68.99 | 0 | 0.051 | 0 | 0 | 0 | 0 | 35 | 4.5 | 0.757 | 38.8 | 10.6 | 6.02 | 42.8108 | -78.8555 |
| 9/19/2016 15:01 | 12.58 | 69.25 | 0 | 0.051 | 0 | 0 | 0 | 0 | 36 | 13.8 | 4 | 38.9 | 10.6 | 6.07 | 42.8108 | -78.8555 |
| 9/19/2016 15:00 | 12.58 | 73.51 | 0 | 0.051 | 0 | 0 | 0 | 0 | 35 | 5.3 | 0.532 | 38.8 | 10.6 | 5.57 | 42.8108 | -78.8555 |
| 9/19/2016 14:59 | 12.57 | 70.93 | 0 | 0.051 | 0 | 0 | 0 | 0 | 35 | 4.9 | 0.653 | 38.8 | 10.6 | 7.47 | 42.8108 | -78.8555 |
| 9/19/2016 14:58 | 12.59 | 67.18 | 0 | 0.051 | 0 | 0 | 0 | 0 | 34 | 4.1 | 0.509 | 38.8 | 10.7 | 7.54 | 42.8107 | -78.8555 |
| 9/19/2016 14:57 | 12.58 | 71.06 | 0 | 0.051 | 0 | 0 | 0 | 0 | 35 | 7.4 | 0.688 | 38.8 | 10.7 | 7.75 | 42.8108 | -78.8555 |
| 9/19/2016 14:56 | 12.58 | 70.41 | 0 | 0.051 | 0 | 0 | 0 | 0 | 36 | 5 | 0.465 | 38.8 | 10.7 | 7.65 | 42.8108 | -78.8555 |
| 9/19/2016 14:55 | 12.59 | 68.99 | 0 | 0.051 | 0 | 0 | 0 | 0 | 35 | 5 | 0.571 | 38.7 | 10.7 | 7.66 | 42.8108 | -78.8555 |
| 9/19/2016 14:54 | 12.57 | 78.04 | 0 | 0.051 | 0 | 0 | 0 | 0 | 35 | 5.6 | 0.591 | 38.7 | 10.7 | 7.85 | 42.8108 | -78.8555 |
| 9/19/2016 14:53 | 12.58 | 70.93 | 0 | 0.051 | 0 | 0 | 0 | 0 | 35 | 8.6 | 1.202 | 38.8 | 10.7 | 7.9 | 42.8108 | -78.8555 |
| 9/19/2016 14:52 | 12.58 | 68.73 | 0 | 0.051 | 0 | 0 | 0 | 0 | 36 | 5.5 | 1.058 | 38.7 | 10.7 | 7.69 | 42.8108 | -78.8555 |
| 9/19/2016 14:51 | 12.58 | 68.73 | 0 | 0.051 | 0 | 0 | 0 | 0 | 36 | 4.8 | 0.539 | 38.8 | 10.7 | 7.67 | 42.8108 | -78.8555 |
| 9/19/2016 14:50 | 12.59 | 66.54 | 0 | 0.051 | 0 | 0 | 0 | 0 | 36 | 6 | 0.54 | 38.7 | 10.7 | 7.65 | 42.8108 | -78.8555 |
| 9/19/2016 14:49 | 12.59 | 67.05 | 0 | 0.051 | 0 | 0 | 0 | 0 | 36 | 5.8 | 0.55 | 38.6 | 10.8 | 7.71 | 42.8108 | -78.8555 |
| 9/19/2016 14:48 | 12.59 | 66.8 | 0 | 0.051 | 0 | 0 | 0 | 0 | 36 | 4 | 0.499 | 38.6 | 10.8 | 7.66 | 42.8108 | -78.8555 |
| 9/19/2016 14:47 | 12.58 | 69.77 | 0 | 0.051 | 0 | 0 | 0 | 0 | 35 | 5.2 | 0.666 | 38.8 | 10.8 | 7.75 | 42.8108 | -78.8555 |
| 9/19/2016 14:46 | 12.58 | 70.28 | 0 | 0.051 | 0 | 0 | 0 | 0 | 36 | 6.3 | 0.671 | 38.6 | 10.8 | 7.79 | 42.8108 | -78.8555 |
| 9/19/2016 14:45 | 12.58 | 67.57 | 0 | 0.051 | 0 | 0 | 0 | 0 | 36 | 33.9 | 2.872 | 38.7 | 10.8 | 7.7 | 42.8108 | -78.8555 |
| 9/19/2016 14:44 | 12.59 | 69.25 | 0 | 0.051 | 0 | 0 | 0 | 0 | 35 | 5.9 | 0.505 | 38.6 | 10.8 | 5.77 | 42.8108 | -78.8555 |
| 9/19/2016 14:43 | 12.58 | 69.12 | 0 | 0.051 | 0 | 0 | 0 | 0 | 36 | 7.3 | 0.868 | 38.7 | 10.8 | 5.74 | 42.8107 | -78.8555 |
| 9/19/2016 14:42 | 12.59 | 69.77 | 0 | 0.051 | 0 | 0 | 0 | 0 | 36 | 5.8 | 0.688 | 38.7 | 10.8 | 5.61 | 42.8108 | -78.8555 |
| 9/19/2016 14:41 | 12.59 | 71.83 | 0 | 0.051 | 0 | 0 | 0 | 0 | 36 | 5.2 | 0.555 | 38.6 | 10.8 | 5.51 | 42.8108 | -78.8555 |
| 9/19/2016 14:40 | 12.59 | 68.48 | 0 | 0.051 | 0 | 0 | 0 | 0 | 35 | 7.9 | 4 | 38.6 | 10.8 | 5.47 | 42.8108 | -78.8555 |
| 9/19/2016 14:39 | 12.59 | 68.86 | 0 | 0.051 | 0 | 0 | 0 | 0 | 36 | 6.3 | 0.94 | 38.6 | 10.8 | 5.27 | 42.8108 | -78.8555 |
| 9/19/2016 14:38 | 12.58 | 67.31 | 0 | 0.051 | 0 | 0 | 0 | 0 | 36 | 5.4 | 0.655 | 38.6 | 10.9 | 5.16 | 42.8108 | -78.8555 |
| 9/19/2016 14:37 | 12.57 | 76.62 | 0 | 0.051 | 0 | 0 | 0 | 0 | 36 | 5.2 | 0.547 | 38.6 | 10.9 | 5.14 | 42.8108 | -78.8555 |
| 9/19/2016 14:36 | 12.59 | 65.89 | 0 | 0.051 | 0 | 0 | 0 | 0 | 36 | 4.5 | 0.557 | 38.6 | 10.9 | 5.13 | 42.8107 | -78.8555 |
| 9/19/2016 14:35 | 12.6 | 69.25 | 0 | 0.051 | 0 | 0 | 0 | 0 | 35 | 7 | 0.651 | 38.6 | 10.9 | 5.18 | 42.8108 | -78.8555 |
| 9/19/2016 14:34 | 12.58 | 72.74 | 0 | 0.051 | 0 | 0 | 0 | 0 | 36 | 5 | 0.421 | 38.6 | 10.9 | 5.09 | 42.8108 | -78.8555 |

| Timestamp (GMT-4) | Batt. Voltage (V) | Current (mA) | Low (ppm) | Peak (ppm) | STEL (ppm) | TWA (ppm) | VOC (ppm) | VOC (Avg15) (ppm) | Humidity (%) | Mass (µg/m³) | Particle size (µm) | Temperature (℃) | TWA (µg/m³) | Mass (Avg15) (µg/m³) | Latitude | Longitude |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 9/19/2016 14:33 | 12.58 | 67.83 | 0 | 0.051 | 0 | 0 | 0 | 0 | 35 | 5.4 | 0.483 | 38.5 | 10.9 | 5.07 | 42.8108 | -78.8555 |
| 9/19/2016 14:32 | 12.59 | 66.8 | 0 | 0.051 | 0 | 0 | 0 | 0 | 36 | 5.7 | 0.729 | 38.6 | 10.9 | 5.04 | 42.8108 | -78.8555 |
| 9/19/2016 14:31 | 12.59 | 67.18 | 0 | 0.051 | 0 | 0 | 0 | 0 | 35 | 5 | 0.553 | 38.6 | 11 | 4.99 | 42.8108 | -78.8555 |
| 9/19/2016 14:30 | 12.58 | 70.16 | 0 | 0.051 | 0 | 0 | 0 | 0 | 35 | 4.9 | 0.536 | 38.5 | 11 | 5.09 | 42.8108 | -78.8555 |
| 9/19/2016 14:29 | 12.59 | 74.68 | 0 | 0.051 | 0 | 0 | 0 | 0 | 35 | 5.5 | 0.921 | 38.5 | 11 | 5.23 | 42.8108 | -78.8555 |
| 9/19/2016 14:28 | 12.57 | 82.95 | 0 | 0.051 | 0 | 0 | 0 | 0 | 35 | 5.3 | 0.584 | 38.5 | 11 | 5.28 | 42.8108 | -78.8555 |
| 9/19/2016 14:27 | 12.59 | 74.94 | 0 | 0.051 | 0 | 0 | 0 | 0 | 36 | 4.4 | 0.503 | 38.4 | 11 | 5.29 | 42.8108 | -78.8555 |
| 9/19/2016 14:26 | 12.58 | 75.45 | 0 | 0.051 | 0 | 0 | 0 | 0 | 36 | 4.5 | 0.478 | 38.4 | 11 | 5.33 | 42.8108 | -78.8555 |
| 9/19/2016 14:25 | 12.59 | 68.86 | 0 | 0.051 | 0 | 0 | 0 | 0 | 35 | 5 | 0.677 | 38.5 | 11 | 5.34 | 42.8108 | -78.8555 |
| 9/19/2016 14:24 | 12.59 | 67.31 | 0 | 0.051 | 0 | 0 | 0 | 0 | 36 | 4.6 | 0.553 | 38.5 | 11.1 | 5.43 | 42.8108 | -78.8555 |
| 9/19/2016 14:23 | 12.58 | 68.73 | 0 | 0.051 | 0 | 0 | 0 | 0 | 36 | 5.1 | 0.575 | 38.5 | 11.1 | 5.43 | 42.8108 | -78.8555 |
| 9/19/2016 14:22 | 12.59 | 70.16 | 0 | 0.051 | 0 | 0 | 0 | 0 | 36 | 5 | 0.648 | 38.4 | 11.1 | 5.45 | 42.8108 | -78.8555 |
| 9/19/2016 14:21 | 12.56 | 93.41 | 0 | 0.051 | 0 | 0 | 0 | 0 | 36 | 5.3 | 0.52 | 38.3 | 11.1 | 5.49 | 42.8107 | -78.8555 |
| 9/19/2016 14:20 | 12.59 | 69.38 | 0 | 0.051 | 0 | 0 | 0 | 0 | 36 | 5.7 | 0.889 | 38.3 | 11.1 | 5.53 | 42.8107 | -78.8555 |
| 9/19/2016 14:19 | 12.59 | 66.15 | 0 | 0.051 | 0 | 0 | 0 | 0 | 36 | 4.6 | 0.647 | 38.3 | 11.1 | 5.55 | 42.8108 | -78.8555 |
| 9/19/2016 14:18 | 12.59 | 67.7 | 0 | 0.051 | 0 | 0 | 0 | 0 | 36 | 5 | 0.503 | 38.3 | 11.1 | 5.63 | 42.8108 | -78.8555 |
| 9/19/2016 14:17 | 12.59 | 68.09 | 0 | 0.051 | 0 | 0 | 0 | 0 | 37 | 4.9 | 0.549 | 38.3 | 11.2 | 5.59 | 42.8108 | -78.8555 |
| 9/19/2016 14:16 | 12.59 | 67.31 | 0 | 0.051 | 0 | 0 | 0 | 0 | 36 | 6.6 | 0.591 | 38.3 | 11.2 | 5.54 | 42.8108 | -78.8555 |
| 9/19/2016 14:15 | 12.59 | 68.22 | 0 | 0.051 | 0 | 0 | 0 | 0 | 37 | 7 | 0.75 | 38.3 | 11.2 | 7.11 | 42.8108 | -78.8555 |
| 9/19/2016 14:14 | 12.6 | 68.6 | 0 | 0.051 | 0 | 0 | 0 | 0 | 37 | 6.2 | 0.597 | 38.3 | 11.2 | 7.83 | 42.8108 | -78.8555 |
| 9/19/2016 14:13 | 12.59 | 69.25 | 0 | 0.051 | 0 | 0 | 0 | 0 | 37 | 5.4 | 0.647 | 38.2 | 11.2 | 7.84 | 42.8107 | -78.8555 |
| 9/19/2016 14:12 | 12.59 | 71.45 | 0 | 0.051 | 0 | 0 | 0 | 0 | 37 | 5 | 0.723 | 38.3 | 11.2 | 7.91 | 42.8108 | -78.8555 |
| 9/19/2016 14:11 | 12.6 | 67.31 | 0 | 0.051 | 0 | 0 | 0 | 0 | 37 | 4.7 | 0.452 | 38.2 | 11.2 | 7.97 | 42.8108 | -78.8555 |
| 9/19/2016 14:10 | 12.59 | 75.19 | 0 | 0.051 | 0 | 0 | 0 | 0 | 37 | 6.4 | 0.54 | 38.2 | 11.3 | 7.95 | 42.8107 | -78.8555 |
| 9/19/2016 14:09 | 12.59 | 68.99 | 0 | 0.051 | 0 | 0 | 0 | 0 | 38 | 4.6 | 0.508 | 38.2 | 11.3 | 7.9 | 42.8107 | -78.8555 |
| 9/19/2016 14:08 | 12.59 | 70.93 | 0 | 0.051 | 0 | 0 | 0 | 0 | 36 | 5.4 | 0.741 | 38.1 | 11.3 | 7.91 | 42.8107 | -78.8555 |
| 9/19/2016 14:07 | 12.6 | 70.54 | 0 | 0.051 | 0 | 0 | 0 | 0 | 37 | 5.6 | 0.507 | 38.1 | 11.3 | 7.89 | 42.8107 | -78.8555 |
| 9/19/2016 14:06 | 12.6 | 68.73 | 0 | 0.051 | 0 | 0 | 0 | 0 | 37 | 5.8 | 0.646 | 38.2 | 11.3 | 9.04 | 42.8107 | -78.8555 |
| 9/19/2016 14:05 | 12.59 | 70.8 | 0 | 0.051 | 0 | 0 | 0 | 0 | 38 | 6.1 | 0.497 | 38.2 | 11.3 | 8.99 | 42.8107 | -78.8555 |
| 9/19/2016 14:04 | 12.59 | 67.7 | 0 | 0.051 | 0 | 0 | 0 | 0 | 38 | 5.8 | 0.611 | 38.1 | 11.3 | 8.95 | 42.8107 | -78.8555 |
| 9/19/2016 14:03 | 12.6 | 74.29 | 0 | 0.051 | 0 | 0 | 0 | 0 | 37 | 4.4 | 0.535 | 38.1 | 11.4 | 8.92 | 42.8107 | -78.8555 |
| 9/19/2016 14:02 | 12.59 | 69.12 | 0 | 0.051 | 0 | 0 | 0 | 0 | 38 | 4.1 | 0.478 | 38.1 | 11.4 | 9.02 | 42.8107 | -78.8555 |
| 9/19/2016 14:01 | 12.59 | 66.15 | 0 | 0.051 | 0 | 0 | 0 | 0 | 38 | 30.2 | 4 | 38.1 | 11.4 | 9.1 | 42.8107 | -78.8555 |
| 9/19/2016 14:00 | 12.59 | 68.35 | 0 | 0.051 | 0 | 0 | 0 | 0 | 38 | 17.7 | 4 | 38 | 11.4 | 7.49 | 42.8107 | -78.8555 |
| 9/19/2016 13:59 | 12.6 | 69.25 | 0 | 0.051 | 0 | 0 | 0 | 0 | 37 | 6.4 | 0.546 | 38.1 | 11.3 | 7.2 | 42.8108 | -78.8555 |
| 9/19/2016 13:58 | 12.59 | 67.57 | 0 | 0.051 | 0 | 0 | 0 | 0 | 37 | 6.5 | 0.591 | 38 | 11.3 | 7.09 | 42.8107 | -78.8555 |
| 9/19/2016 13:57 | 12.6 | 66.15 | 0 | 0.051 | 0 | 0 | 0 | 0 | 37 | 5.9 | 0.745 | 38.1 | 11.3 | 7.13 | 42.8107 | -78.8555 |
| 9/19/2016 13:56 | 12.6 | 66.8 | 0 | 0.051 | 0 | 0 | 0 | 0 | 36 | 4.4 | 0.471 | 38 | 11.4 | 7.11 | 42.8107 | -78.8555 |
| 9/19/2016 13:55 | 12.59 | 68.48 | 0 | 0.051 | 0 | 0 | 0 | 0 | 37 | 5.6 | 0.505 | 38 | 11.4 | 7.57 | 42.8107 | -78.8555 |
| 9/19/2016 13:54 | 12.59 | 72.09 | 0 | 0.051 | 0 | 0 | 0 | 0 | 37 | 4.7 | 0.471 | 38 | 11.4 | 7.7 | 42.8107 | -78.8555 |
| 9/19/2016 13:53 | 12.6 | 68.35 | 0 | 0.051 | 0 | 0 | 0 | 0 | 37 | 5.2 | 0.421 | 37.8 | 11.4 | 7.72 | 42.8107 | -78.8555 |
| 9/19/2016 13:52 | 12.58 | 75.97 | 0 | 0.051 | 0 | 0 | 0 | 0 | 39 | 22.8 | 2.162 | 37.9 | 11.4 | 7.77 | 42.8107 | -78.8555 |
| 9/19/2016 13:51 | 12.6 | 70.8 | 0 | 0.051 | 0 | 0 | 0 | 0 | 39 | 5.1 | 0.451 | 37.8 | 11.4 | 6.57 | 42.8107 | -78.8555 |
| 9/19/2016 13:50 | 12.58 | 77.39 | 0 | 0.051 | 0 | 0 | 0 | 0 | 38 | 5.4 | 0.595 | 37.7 | 11.4 | 6.57 | 42.8107 | -78.8555 |
| 9/19/2016 13:49 | 12.57 | 83.46 | 0 | 0.051 | 0 | 0 | 0 | 0 | 38 | 5.4 | 0.453 | 37.8 | 11.4 | 6.52 | 42.8108 | -78.8555 |
| 9/19/2016 13:48 | 12.61 | 67.96 | 0 | 0.051 | 0 | 0 | 0 | 0 | 38 | 5.9 | 0.509 | 37.7 | 11.4 | 6.6 | 42.8108 | -78.8555 |

| Timestamp (GMT-4) | Batt. Voltage (V) | Current (mA) | Low (ppm) | Peak (ppm) | STEL (ppm) | TWA (ppm) | VOC (ppm) | VOC (Avg15) (ppm) | Humidity (%) | Mass (µg/m³) | Particle size (µm) | Temperature (℃) | TWA (µg/m³) | Mass (Avg15) (µg/m³) | Latitude | Longitude |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 9/19/2016 13:47 | 12.6 | 66.28 | 0 | 0.051 | 0 | 0 | 0 | 0 | 39 | 5.3 | 0.523 | 37.6 | 11.5 | 6.65 | 42.8108 | -78.8555 |
| 9/19/2016 13:46 | 12.6 | 66.28 | 0 | 0.051 | 0 | 0 | 0 | 0 | 38 | 6.1 | 0.419 | 37.7 | 11.5 | 6.69 | 42.8107 | -78.8555 |
| 9/19/2016 13:45 | 12.59 | 71.32 | 0 | 0.051 | 0 | 0 | 0 | 0 | 39 | 13.3 | 1.058 | 37.7 | 11.5 | 6.75 | 42.8108 | -78.8555 |
| 9/19/2016 13:44 | 12.59 | 71.19 | 0 | 0.051 | 0 | 0 | 0 | 0 | 38 | 4.8 | 0.466 | 37.7 | 11.5 | 6.28 | 42.8108 | -78.8555 |
| 9/19/2016 13:43 | 12.61 | 67.18 | 0 | 0.051 | 0 | 0 | 0 | 0 | 39 | 7.1 | 0.806 | 37.7 | 11.5 | 6.25 | 42.8107 | -78.8555 |
| 9/19/2016 13:42 | 12.6 | 69.25 | 0 | 0.051 | 0 | 0 | 0 | 0 | 39 | 5.5 | 0.594 | 37.6 | 11.5 | 6.21 | 42.8107 | -78.8555 |
| 9/19/2016 13:41 | 12.6 | 71.45 | 0 | 0.051 | 0 | 0 | 0 | 0 | 39 | 11.4 | 1.319 | 37.6 | 11.5 | 6.3 | 42.8108 | -78.8555 |
| 9/19/2016 13:40 | 12.59 | 67.57 | 0 | 0.051 | 0 | 0 | 0 | 0 | 39 | 7.5 | 0.626 | 37.6 | 11.5 | 6.02 | 42.8107 | -78.8555 |
| 9/19/2016 13:39 | 12.6 | 66.15 | 0 | 0.051 | 0 | 0 | 0 | 0 | 39 | 5 | 0.5 | 37.5 | 11.5 | 5.94 | 42.8107 | -78.8555 |
| 9/19/2016 13:38 | 12.6 | 77 | 0 | 0.051 | 0 | 0 | 0 | 0 | 38 | 5.9 | 0.574 | 37.5 | 11.6 | 6.68 | 42.8107 | -78.8555 |
| 9/19/2016 13:37 | 12.59 | 72.74 | 0 | 0.051 | 0 | 0 | 0 | 0 | 39 | 4.8 | 0.504 | 37.4 | 11.6 | 6.72 | 42.8107 | -78.8555 |
| 9/19/2016 13:36 | 12.6 | 70.28 | 0 | 0.051 | 0 | 0 | 0 | 0 | 39 | 5.1 | 0.486 | 37.4 | 11.6 | 6.75 | 42.8107 | -78.8555 |
| 9/19/2016 13:35 | 12.57 | 86.31 | 0 | 0.051 | 0 | 0 | 0 | 0 | 39 | 4.7 | 0.482 | 37.4 | 11.6 | 6.91 | 42.8107 | -78.8555 |
| 9/19/2016 13:33 | 12.6 | 71.06 | | | | | | | | | | | | | 42.8107 | -78.8555 |
| 9/19/2016 13:32 | 12.6 | 74.42 | 0 | 0.051 | 0 | 0 | 0 | 0 | 38 | 5.8 | 0.453 | 37.2 | 11.7 | 8.32 | 42.8107 | -78.8555 |
| 9/19/2016 13:31 | 12.6 | 71.83 | 0 | 0.051 | 0 | 0 | 0 | 0 | 37 | 6.9 | 0.558 | 37.3 | 11.7 | 8.44 | 42.8107 | -78.8555 |
| 9/19/2016 13:30 | 12.61 | 66.02 | 0 | 0.051 | 0 | 0 | 0 | 0 | 37 | 7.2 | 0.781 | 37.3 | 11.7 | 8.38 | 42.8107 | -78.8555 |
| 9/19/2016 13:29 | 12.59 | 73.64 | 0 | 0.051 | 0 | 0 | 0 | 0 | 38 | 4.4 | 0.427 | 37.2 | 11.7 | 8.35 | 42.8108 | -78.8555 |
| 9/19/2016 13:28 | 12.59 | 66.93 | 0 | 0.051 | 0 | 0 | 0 | 0 | 39 | 6.5 | 0.642 | 37.3 | 11.7 | 8.41 | 42.8108 | -78.8555 |
| 9/19/2016 13:27 | 12.6 | 69.64 | 0 | 0.051 | 0 | 0 | 0 | 0 | 39 | 6.7 | 0.998 | 37.2 | 11.7 | 8.44 | 42.8108 | -78.8555 |
| 9/19/2016 13:26 | 12.59 | 70.41 | 0 | 0.051 | 0 | 0 | 0 | 0 | 39 | 7.7 | 0.732 | 37.1 | 11.7 | 8.5 | 42.8107 | -78.8555 |
| 9/19/2016 13:25 | 12.6 | 70.8 | 0 | 0.051 | 0 | 0 | 0 | 0 | 38 | 6.5 | 0.734 | 37.1 | 11.7 | 9.81 | 42.8107 | -78.8555 |
| 9/19/2016 13:24 | 12.61 | 66.93 | 0 | 0.051 | 0 | 0 | 0 | 0 | 39 | 14.7 | 1.088 | 37 | 11.7 | 9.78 | 42.8107 | -78.8555 |
| 9/19/2016 13:23 | 12.6 | 71.45 | 0 | 0.051 | 0 | 0 | 0 | 0 | 40 | 6.3 | 0.739 | 37.1 | 11.7 | 9.17 | 42.8107 | -78.8555 |
| 9/19/2016 13:22 | 12.6 | 72.87 | 0 | 0.051 | 0 | 0 | 0 | 0 | 40 | 5.2 | 0.505 | 37 | 11.7 | 9.2 | 42.8107 | -78.8555 |
| 9/19/2016 13:21 | 12.59 | 67.96 | 0 | 0.051 | 0 | 0 | 0 | 0 | 39 | 7.2 | 0.48 | 37 | 11.7 | 12.07 | 42.8107 | -78.8555 |
| 9/19/2016 13:20 | 12.6 | 66.28 | 0 | 0.051 | 0 | 0 | 0 | 0 | 41 | 7.7 | 0.427 | 37 | 11.8 | 11.93 | 42.8107 | -78.8555 |
| 9/19/2016 13:19 | 12.6 | 69.25 | 0 | 0.051 | 0 | 0 | 0 | 0 | 41 | 5.6 | 0.535 | 36.8 | 11.8 | 11.8 | 42.8107 | -78.8555 |
| 9/19/2016 13:18 | 12.61 | 69.25 | 0 | 0.051 | 0 | 0 | 0 | 0 | 41 | 26.4 | 4 | 36.8 | 11.8 | 11.75 | 42.8107 | -78.8555 |
| 9/19/2016 13:17 | 12.6 | 68.73 | 0 | 0.051 | 0 | 0 | 0 | 0 | 40 | 7.6 | 1.014 | 36.8 | 11.7 | 10.62 | 42.8107 | -78.8555 |
| 9/19/2016 13:16 | 12.6 | 66.67 | 0 | 0.051 | 0 | 0 | 0 | 0 | 41 | 6 | 0.528 | 36.8 | 11.7 | 10.91 | 42.8108 | -78.8555 |
| 9/19/2016 13:15 | 12.59 | 69.64 | 0 | 0.051 | 0 | 0 | 0 | 0 | 41 | 6.7 | 0.714 | 36.7 | 11.8 | 10.91 | 42.8108 | -78.8555 |
| 9/19/2016 13:14 | 12.58 | 85.27 | 0 | 0.051 | 0 | 0 | 0 | 0 | 41 | 5.4 | 0.525 | 36.8 | 11.8 | 12.07 | 42.8107 | -78.8555 |
| 9/19/2016 13:13 | 12.6 | 68.09 | 0 | 0.051 | 0 | 0 | 0 | 0 | 41 | 6.9 | 0.667 | 36.6 | 11.8 | 12.17 | 42.8107 | -78.8555 |
| 9/19/2016 13:12 | 12.6 | 68.6 | 0 | 0.051 | 0 | 0 | 0 | 0 | 41 | 7.6 | 0.977 | 36.7 | 11.8 | 12.07 | 42.8108 | -78.8555 |
| 9/19/2016 13:11 | 12.59 | 74.42 | 0 | 0.051 | 0 | 0 | 0 | 0 | 42 | 27.3 | 4 | 36.6 | 11.8 | 11.98 | 42.8107 | -78.8555 |
| 9/19/2016 13:10 | 12.6 | 74.03 | 0 | 0.051 | 0 | 0 | 0 | 0 | 40 | 6.1 | 0.492 | 36.6 | 11.8 | 10.55 | 42.8108 | -78.8555 |
| 9/19/2016 13:09 | 12.6 | 78.29 | 0 | 0.051 | 0 | 0 | 0 | 0 | 41 | 5.6 | 0.55 | 36.6 | 11.8 | 10.5 | 42.8108 | -78.8555 |
| 9/19/2016 13:08 | 12.61 | 69.9 | 0 | 0.051 | 0 | 0 | 0 | 0 | 41 | 6.7 | 0.989 | 36.5 | 11.8 | 10.53 | 42.8107 | -78.8555 |
| 9/19/2016 13:07 | 12.6 | 70.03 | 0 | 0.051 | 0 | 0 | 0 | 0 | 42 | 48.2 | 4 | 36.5 | 11.8 | 10.46 | 42.8108 | -78.8555 |
| 9/19/2016 13:06 | 12.6 | 70.41 | 0 | 0.051 | 0 | 0 | 0 | 0 | 42 | 5.2 | 0.455 | 36.5 | 11.7 | 8.44 | 42.8108 | -78.8555 |
| 9/19/2016 13:05 | 12.6 | 69.12 | 0 | 0.051 | 0 | 0 | 0 | 0 | 41 | 5.7 | 0.506 | 36.4 | 11.8 | 8.47 | 42.8107 | -78.8555 |
| 9/19/2016 13:04 | 12.6 | 68.99 | 0 | 0.051 | 0 | 0 | 0 | 0 | 42 | 4.8 | 0.478 | 36.4 | 11.8 | 8.42 | 42.8107 | -78.8555 |
| 9/19/2016 13:03 | 12.6 | 70.28 | 0 | 0.051 | 0 | 0 | 0 | 0 | 42 | 9.5 | 1.621 | 36.3 | 11.8 | 8.63 | 42.8108 | -78.8555 |
| 9/19/2016 13:02 | 12.61 | 68.35 | 0 | 0.051 | 0 | 0 | 0 | 0 | 41 | 12 | 1.959 | 36.2 | 11.7 | 8.75 | 42.8107 | -78.8555 |
| 9/19/2016 13:01 | 12.59 | 72.87 | 0 | 0.051 | 0 | 0 | 0 | 0 | 42 | 5.9 | 0.644 | 36.2 | 11.7 | 8.33 | 42.8108 | -78.8555 |

| Timestamp (GMT-4) | Batt. Voltage (V) | Current (mA) | Low (ppm) | Peak (ppm) | STEL (ppm) | TWA (ppm) | VOC (ppm) | VOC (Avg15) (ppm) | Humidity (%) | Mass (µg/m³) | Particle size (µm) | Temperature (℃) | TWA (µg/m³) | Mass (Avg15) (µg/m³) | Latitude | Longitude |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 9/19/2016 13:00 | 12.61 | 69.12 | 0 | 0.051 | 0 | 0 | 0 | 0 | 42 | 24.1 | 1.44 | 36.2 | 11.7 | 8.47 | 42.8107 | -78.8555 |
| 9/19/2016 12:59 | 12.61 | 65.89 | 0 | 0.051 | 0 | 0 | 0 | 0 | 43 | 6.9 | 1.22 | 36.2 | 11.8 | 7.27 | 42.8107 | -78.8555 |
| 9/19/2016 12:58 | 12.59 | 68.73 | 0 | 0.051 | 0 | 0 | 0 | 0 | 42 | 5.5 | 0.52 | 36.2 | 11.7 | 7.32 | 42.8108 | -78.8555 |
| 9/19/2016 12:57 | 12.61 | 67.83 | 0 | 0.051 | 0 | 0 | 0 | 0 | 42 | 6.2 | 0.616 | 36 | 11.8 | 7.43 | 42.8108 | -78.8555 |
| 9/19/2016 12:56 | 12.61 | 68.35 | 0 | 0.051 | 0 | 0 | 0 | 0 | 42 | 5.9 | 0.563 | 36 | 11.8 | 7.38 | 42.8108 | -78.8555 |
| 9/19/2016 12:55 | 12.6 | 70.41 | 0 | 0.051 | 0 | 0 | 0 | 0 | 42 | 5.3 | 0.558 | 36 | 11.8 | 7.48 | 42.8108 | -78.8555 |
| 9/19/2016 12:54 | 12.57 | 87.47 | 0 | 0.051 | 0 | 0 | 0 | 0 | 42 | 6.1 | 0.484 | 36 | 11.8 | 8.19 | 42.8108 | -78.8555 |
| 9/19/2016 12:53 | 12.61 | 68.48 | 0 | 0.051 | 0 | 0 | 0 | 0 | 43 | 5.6 | 0.689 | 36 | 11.8 | 8.21 | 42.8108 | -78.8555 |
| 9/19/2016 12:52 | 12.6 | 67.83 | 0 | 0.051 | 0 | 0 | 0 | 0 | 43 | 17.9 | 1.296 | 35.8 | 11.8 | 8.33 | 42.8108 | -78.8555 |
| 9/19/2016 12:51 | 12.6 | 71.71 | 0 | 0.051 | 0 | 0 | 0 | 0 | 43 | 5.6 | 0.691 | 35.8 | 11.8 | 7.57 | 42.8108 | -78.8555 |
| 9/19/2016 12:50 | 12.61 | 66.67 | 0 | 0.051 | 0 | 0 | 0 | 0 | 42 | 5 | 0.57 | 35.9 | 11.9 | 7.66 | 42.8108 | -78.8555 |
| 9/19/2016 12:49 | 12.61 | 66.28 | 0 | 0.051 | 0 | 0 | 0 | 0 | 42 | 8 | 0.486 | 35.7 | 11.9 | 8.33 | 42.8108 | -78.8555 |
| 9/19/2016 12:48 | 12.6 | 69.12 | 0 | 0.051 | 0 | 0 | 0 | 0 | 42 | 11.2 | 0.976 | 35.7 | 11.9 | 8.17 | 42.8108 | -78.8555 |
| 9/19/2016 12:47 | 12.61 | 68.22 | 0 | 0.051 | 0 | 0 | 0 | 0 | 43 | 5.7 | 0.558 | 35.7 | 11.9 | 7.87 | 42.8108 | -78.8555 |
| 9/19/2016 12:46 | 12.6 | 69.38 | 0 | 0.051 | 0 | 0 | 0 | 0 | 44 | 8 | 1.34 | 35.7 | 11.9 | 7.85 | 42.8108 | -78.8555 |
| 9/19/2016 12:45 | 12.6 | 70.16 | 0 | 0.051 | 0 | 0 | 0 | 0 | 43 | 6.2 | 0.471 | 35.7 | 11.9 | 7.79 | 42.8108 | -78.8555 |
| 9/19/2016 12:44 | 12.61 | 68.73 | 0 | 0.051 | 0 | 0 | 0 | 0 | 43 | 7.6 | 1.234 | 35.6 | 11.9 | 7.81 | 42.8108 | -78.8555 |
| 9/19/2016 12:43 | 12.59 | 68.35 | 0 | 0.051 | 0 | 0 | 0 | 0 | 43 | 7.1 | 0.722 | 35.5 | 11.9 | 7.75 | 42.8108 | -78.8555 |
| 9/19/2016 12:42 | 12.6 | 67.31 | 0 | 0.051 | 0 | 0 | 0 | 0 | 44 | 5.5 | 0.566 | 35.4 | 11.9 | 8.78 | 42.8108 | -78.8555 |
| 9/19/2016 12:41 | 12.61 | 70.03 | 0 | 0.051 | 0 | 0 | 0 | 0 | 43 | 7.4 | 0.795 | 35.4 | 11.9 | 8.85 | 42.8108 | -78.8555 |
| 9/19/2016 12:40 | 12.61 | 66.54 | 0 | 0.051 | 0 | 0 | 0 | 0 | 44 | 15.9 | 1.79 | 35.3 | 11.9 | 8.77 | 42.8108 | -78.8555 |
| 9/19/2016 12:39 | 12.6 | 71.32 | 0 | 0.051 | 0 | 0 | 0 | 0 | 43 | 6.4 | 0.636 | 35.3 | 11.9 | 8.11 | 42.8108 | -78.8555 |
| 9/19/2016 12:38 | 12.58 | 84.37 | 0 | 0.051 | 0 | 0 | 0 | 0 | 43 | 7.4 | 1.114 | 35.3 | 11.9 | 9.13 | 42.8108 | -78.8555 |
| 9/19/2016 12:37 | 12.57 | 92.51 | 0 | 0.051 | 0 | 0 | 0 | 0 | 43 | 6.6 | 0.642 | 35.2 | 11.9 | 9.09 | 42.8108 | -78.8555 |
| 9/19/2016 12:36 | 12.61 | 67.96 | 0 | 0.051 | 0 | 0 | 0 | 0 | 43 | 6.9 | 0.965 | 35.1 | 11.9 | 9.09 | 42.8108 | -78.8555 |
| 9/19/2016 12:35 | 12.61 | 69.64 | 0 | 0.051 | 0 | 0 | 0 | 0 | 42 | 15 | 1.919 | 35.1 | 11.8 | 10.48 | 42.8108 | -78.8555 |
| 9/19/2016 12:34 | 12.61 | 70.8 | 0 | 0.051 | 0 | 0 | 0 | 0 | 44 | 5.6 | 0.495 | 35.2 | 11.8 | 9.87 | 42.8108 | -78.8555 |
| 9/19/2016 12:33 | 12.61 | 69.25 | 0 | 0.051 | 0 | 0 | 0 | 0 | 45 | 6.7 | 0.478 | 35 | 11.9 | 10.06 | 42.8108 | -78.8555 |
| 9/19/2016 12:32 | 12.59 | 68.99 | 0 | 0.051 | 0 | 0 | 0 | 0 | 44 | 5.4 | 0.559 | 35.1 | 11.9 | 9.96 | 42.8108 | -78.8555 |
| 9/19/2016 12:31 | 12.61 | 67.57 | 0 | 0.051 | 0 | 0 | 0 | 0 | 45 | 7.2 | 0.511 | 35 | 11.9 | 9.95 | 42.8108 | -78.8555 |
| 9/19/2016 12:30 | 12.61 | 66.54 | 0 | 0.051 | 0 | 0 | 0 | 0 | 45 | 6.5 | 0.632 | 35 | 11.9 | 10.81 | 42.8108 | -78.8555 |
| 9/19/2016 12:29 | 12.59 | 70.28 | 0 | 0.051 | 0 | 0 | 0 | 0 | 45 | 6.6 | 0.799 | 35 | 11.9 | 10.88 | 42.8108 | -78.8555 |
| 9/19/2016 12:28 | 12.61 | 66.67 | 0 | 0.051 | 0 | 0 | 0 | 0 | 44 | 22.6 | 1.525 | 35 | 11.9 | 10.85 | 42.8108 | -78.8555 |
| 9/19/2016 12:27 | 12.61 | 65.5 | 0 | 0.051 | 0 | 0 | 0 | 0 | 44 | 6.5 | 1.054 | 34.8 | 11.9 | 9.73 | 42.8108 | -78.8555 |
| 9/19/2016 12:26 | 12.61 | 68.99 | 0 | 0.051 | 0 | 0 | 0 | 0 | 45 | 6.2 | 0.654 | 34.8 | 11.9 | 9.73 | 42.8108 | -78.8555 |
| 9/19/2016 12:25 | 12.61 | 67.7 | 0 | 0.051 | 0 | 0 | 0 | 0 | 45 | 6 | 0.53 | 34.7 | 11.9 | 9.91 | 42.8108 | -78.8555 |
| 9/19/2016 12:24 | 12.61 | 69.25 | 0 | 0.051 | 0 | 0 | 0 | 0 | 44 | 21.8 | 1.378 | 34.7 | 11.9 | 9.88 | 42.8108 | -78.8555 |
| 9/19/2016 12:23 | 12.61 | 70.67 | 0 | 0.051 | 0 | 0 | 0 | 0 | 44 | 6.8 | 0.514 | 34.7 | 11.9 | 8.89 | 42.8108 | -78.8555 |
| 9/19/2016 12:22 | 12.61 | 70.67 | 0 | 0.051 | 0 | 0 | 0 | 0 | 45 | 6.6 | 0.561 | 34.7 | 11.9 | 9.53 | 42.8108 | -78.8555 |
| 9/19/2016 12:21 | 12.61 | 69.38 | 0 | 0.051 | 0 | 0 | 0 | 0 | 44 | 27.7 | 1.325 | 34.6 | 11.9 | 9.7 | 42.8108 | -78.8555 |
| 9/19/2016 12:20 | 12.6 | 71.83 | 0 | 0.051 | 0 | 0 | 0 | 0 | 44 | 5.8 | 0.518 | 34.5 | 11.9 | 8.34 | 42.8108 | -78.8555 |
| 9/19/2016 12:19 | 12.61 | 69.38 | 0 | 0.051 | 0 | 0 | 0 | 0 | 45 | 8.5 | 0.998 | 34.5 | 12 | 8.37 | 42.8108 | -78.8555 |
| 9/19/2016 12:18 | 12.61 | 69.25 | 0 | 0.051 | 0 | 0 | 0 | 0 | 45 | 5.2 | 0.492 | 34.4 | 12 | 8.31 | 42.8108 | -78.8555 |
| 9/19/2016 12:17 | 12.59 | 68.73 | 0 | 0.051 | 0 | 0 | 0 | 0 | 44 | 5.3 | 0.598 | 34.5 | 12 | 8.35 | 42.8108 | -78.8555 |
| 9/19/2016 12:16 | 12.61 | 67.83 | 0 | 0.051 | 0 | 0 | 0 | 0 | 45 | 20 | 4 | 34.3 | 12 | 8.39 | 42.8108 | -78.8555 |
| 9/19/2016 12:15 | 12.6 | 72.22 | 0 | 0.051 | 0 | 0 | 0 | 0 | 44 | 7.6 | 2.214 | 34.3 | 12 | 8.27 | 42.8108 | -78.8555 |

| Timestamp (GMT-4) | Batt. Voltage (V) | Current (mA) | Low (ppm) | Peak (ppm) | STEL (ppm) | TWA (ppm) | VOC (ppm) | VOC (Avg15) (ppm) | Humidity (%) | Mass (µg/m³) | Particle size (µm) | Temperature (℃) | TWA (µg/m³) | Mass (Avg15) (µg/m³) | Latitude | Longitude |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 9/19/2016 12:14 | 12.6 | 66.8 | 0 | 0.051 | 0 | 0 | 0 | 0 | 46 | 6.2 | 0.514 | 34.2 | 12 | 8.13 | 42.8108 | -78.8555 |
| 9/19/2016 12:13 | 12.61 | 66.93 | 0 | 0.051 | 0 | 0 | 0 | 0 | 45 | 5.7 | 0.685 | 34.3 | 12 | 8 | 42.8108 | -78.8555 |
| 9/19/2016 12:12 | 12.6 | 69.51 | 0 | 0.051 | 0 | 0 | 0 | 0 | 46 | 6.5 | 0.949 | 34.2 | 12 | 7.95 | 42.8108 | -78.8555 |
| 9/19/2016 12:11 | 12.61 | 69.51 | 0 | 0.051 | 0 | 0 | 0 | 0 | 46 | 8.9 | 1.5 | 34.1 | 12.1 | 7.92 | 42.8108 | -78.8555 |
| 9/19/2016 12:10 | 12.61 | 70.03 | 0 | 0.051 | 0 | 0 | 0 | 0 | 45 | 5.6 | 0.483 | 34.1 | 12.1 | 9.49 | 42.8108 | -78.8555 |
| 9/19/2016 12:09 | 12.6 | 71.45 | 0 | 0.051 | 0 | 0 | 0 | 0 | 46 | 6.9 | 0.934 | 34 | 12.1 | 10.58 | 42.8108 | -78.8555 |
| 9/19/2016 12:08 | 12.61 | 67.57 | 0 | 0.051 | 0 | 0 | 0 | 0 | 46 | 16.5 | 4 | 34 | 12.1 | 10.46 | 42.8108 | -78.8555 |
| 9/19/2016 12:07 | 12.61 | 69.9 | 0 | 0.051 | 0 | 0 | 0 | 0 | 45 | 9.1 | 0.774 | 33.9 | 12.1 | 9.83 | 42.8108 | -78.8555 |
| 9/19/2016 12:06 | 12.6 | 69.38 | 0 | 0.051 | 0 | 0 | 0 | 0 | 46 | 7.3 | 0.746 | 33.9 | 12.1 | 10.84 | 42.8108 | -78.8555 |
| 9/19/2016 12:05 | 12.61 | 67.57 | 0 | 0.051 | 0 | 0 | 0 | 0 | 46 | 6.3 | 0.756 | 33.8 | 12.1 | 10.71 | 42.8108 | -78.8555 |
| 9/19/2016 12:04 | 12.61 | 70.03 | 0 | 0.051 | 0 | 0 | 0 | 0 | 46 | 7.6 | 0.675 | 33.7 | 12.2 | 10.79 | 42.8108 | -78.8555 |
| 9/19/2016 12:03 | 12.61 | 70.93 | 0 | 0.051 | 0 | 0 | 0 | 0 | 46 | 5.8 | 0.48 | 33.8 | 12.2 | 10.91 | 42.8108 | -78.8555 |
| 9/19/2016 12:02 | 12.61 | 67.31 | 0 | 0.051 | 0 | 0 | 0 | 0 | 46 | 5.8 | 0.604 | 33.7 | 12.2 | 15.07 | 42.8108 | -78.8555 |
| 9/19/2016 12:01 | 12.61 | 68.48 | 0 | 0.051 | 0 | 0 | 0 | 0 | 47 | 18.2 | 1.895 | 33.6 | 12.2 | 17.74 | 42.8108 | -78.8555 |
| 9/19/2016 12:00 | 12.61 | 70.54 | 0 | 0.051 | 0 | 0 | 0 | 0 | 46 | 5.5 | 0.464 | 33.5 | 12.2 | 16.89 | 42.8108 | -78.8555 |
| 9/19/2016 11:59 | 12.61 | 70.03 | 0 | 0.051 | 0 | 0 | 0 | 0 | 46 | 4.3 | 0.511 | 33.5 | 12.2 | 16.97 | 42.8108 | -78.8555 |
| 9/19/2016 11:58 | 12.59 | 84.75 | 0 | 0.051 | 0 | 0 | 0 | 0 | 46 | 5 | 0.471 | 33.5 | 12.3 | 18.21 | 42.8108 | -78.8555 |
| 9/19/2016 11:57 | 12.61 | 68.86 | 0 | 0.051 | 0 | 0 | 0 | 0 | 46 | 6 | 0.525 | 33.5 | 12.3 | 18.26 | 42.8108 | -78.8555 |
| 9/19/2016 11:56 | 12.6 | 72.74 | 0 | 0.051 | 0 | 0 | 0 | 0 | 47 | 32.5 | 4 | 33.3 | 12.3 | 18.25 | 42.8108 | -78.8555 |
| 9/19/2016 11:55 | 12.6 | 67.7 | 0 | 0.051 | 0 | 0 | 0 | 0 | 46 | 21.9 | 4 | 33.3 | 12.3 | 16.99 | 42.8108 | -78.8555 |
| 9/19/2016 11:54 | 12.6 | 74.94 | 0 | 0.051 | 0 | 0 | 0 | 0 | 46 | 5.1 | 0.487 | 33.2 | 12.2 | 16.05 | 42.8108 | -78.8555 |
| 9/19/2016 11:53 | 12.6 | 72.48 | 0 | 0.051 | 0 | 0 | 0 | 0 | 47 | 7.1 | 0.954 | 33.3 | 12.2 | 16.12 | 42.8108 | -78.8555 |
| 9/19/2016 11:52 | 12.61 | 68.6 | 0 | 0.051 | 0 | 0 | 0 | 0 | 47 | 24.2 | 4 | 33.1 | 12.2 | 16.01 | 42.8108 | -78.8555 |
| 9/19/2016 11:51 | 12.61 | 70.16 | 0 | 0.051 | 0 | 0 | 0 | 0 | 47 | 5.4 | 0.497 | 33.1 | 12.2 | 14.77 | 42.8108 | -78.8555 |
| 9/19/2016 11:50 | 12.61 | 69.64 | 0 | 0.051 | 0 | 0 | 0 | 0 | 47 | 7.4 | 0.831 | 33.1 | 12.2 | 14.85 | 42.8108 | -78.8555 |
| 9/19/2016 11:49 | 12.6 | 71.96 | 0 | 0.051 | 0 | 0 | 0 | 0 | 48 | 9.5 | 0.982 | 33.1 | 12.2 | 17.77 | 42.8108 | -78.8555 |
| 9/19/2016 11:48 | 12.61 | 65.76 | 0 | 0.051 | 0 | 0 | 0 | 0 | 47 | 68.1 | 4 | 33 | 12.2 | 17.63 | 42.8108 | -78.8555 |
| 9/19/2016 11:47 | 12.61 | 67.7 | 0 | 0.051 | 0 | 0 | 0 | 0 | 47 | 45.9 | 1.593 | 33 | 12 | 13.57 | 42.8108 | -78.8555 |
| 9/19/2016 11:46 | 12.61 | 70.41 | 0 | 0.051 | 0 | 0 | 0 | 0 | 48 | 5.5 | 1.22 | 32.9 | 12 | 10.88 | 42.8108 | -78.8555 |
| 9/19/2016 11:45 | 12.61 | 68.35 | 0 | 0.051 | 0 | 0 | 0 | 0 | 47 | 6.6 | 0.62 | 32.8 | 12 | 11.26 | 42.8108 | -78.8555 |
| 9/19/2016 11:44 | 12.61 | 66.54 | 0 | 0.051 | 0 | 0 | 0 | 0 | 48 | 22.9 | 1.818 | 32.8 | 12 | 11.13 | 42.8108 | -78.8555 |
| 9/19/2016 11:43 | 12.62 | 68.35 | 0 | 0.051 | 0 | 0 | 0 | 0 | 48 | 5.8 | 0.507 | 32.7 | 12 | 9.88 | 42.8108 | -78.8555 |
| 9/19/2016 11:42 | 12.62 | 71.96 | 0 | 0.051 | 0 | 0 | 0 | 0 | 49 | 5.8 | 0.838 | 32.6 | 12 | 10.52 | 42.8108 | -78.8555 |
| 9/19/2016 11:41 | 12.59 | 76.36 | 0 | 0.051 | 0 | 0 | 0 | 0 | 48 | 13.7 | 2.612 | 32.7 | 12.1 | 10.68 | 42.8108 | -78.8555 |
| 9/19/2016 11:40 | 12.61 | 68.99 | 0 | 0.051 | 0 | 0 | 0 | 0 | 49 | 7.7 | 1.072 | 32.5 | 12.1 | 10.21 | 42.8108 | -78.8555 |
| 9/19/2016 11:39 | 12.59 | 84.75 | 0 | 0.051 | 0 | 0 | 0 | 0 | 48 | 6.2 | 0.494 | 32.5 | 12.1 | 9.93 | 42.8108 | -78.8555 |
| 9/19/2016 11:38 | 12.59 | 75.84 | 0 | 0.051 | 0 | 0 | 0 | 0 | 48 | 5.4 | 0.488 | 32.4 | 12.1 | 9.89 | 42.8108 | -78.8555 |
| 9/19/2016 11:37 | 12.6 | 70.03 | 0 | 0.051 | 0 | 0 | 0 | 0 | 48 | 5.6 | 0.419 | 32.3 | 12.1 | 9.93 | 42.8108 | -78.8555 |
| 9/19/2016 11:36 | 12.61 | 66.02 | 0 | 0.051 | 0 | 0 | 0 | 0 | 48 | 6.6 | 0.635 | 32.4 | 12.2 | 10.09 | 42.8108 | -78.8555 |
| 9/19/2016 11:35 | 12.6 | 70.03 | 0 | 0.051 | 0 | 0 | 0 | 0 | 48 | 51.2 | 4 | 32.2 | 12.2 | 10.01 | 42.8108 | -78.8555 |
| 9/19/2016 11:34 | 12.6 | 68.35 | 0 | 0.051 | 0 | 0 | 0 | 0 | 49 | 7.5 | 0.799 | 32.3 | 12.1 | 6.95 | 42.8108 | -78.8555 |
| 9/19/2016 11:33 | 12.6 | 75.19 | 0 | 0.051 | 0 | 0 | 0 | 0 | 49 | 7.2 | 0.807 | 32.1 | 12.2 | 6.83 | 42.8108 | -78.8555 |
| 9/19/2016 11:32 | 12.61 | 72.48 | 0 | 0.051 | 0 | 0 | 0 | 0 | 49 | 5.5 | 0.661 | 32.1 | 12.2 | 6.6 | 42.8108 | -78.8555 |
| 9/19/2016 11:31 | 12.61 | 73.51 | 0 | 0.051 | 0 | 0 | 0 | 0 | 50 | 11.2 | 4 | 32.1 | 12.2 | 6.59 | 42.8108 | -78.8555 |
| 9/19/2016 11:30 | 12.6 | 67.96 | 0 | 0.051 | 0 | 0 | 0 | 0 | 49 | 4.6 | 0.536 | 32 | 12.2 | 6.25 | 42.8108 | -78.8555 |
| 9/19/2016 11:29 | 12.6 | 75.32 | 0 | 0.051 | 0 | 0 | 0 | 0 | 50 | 4.2 | 0.576 | 32 | 12.2 | 6.29 | 42.8108 | -78.8555 |

| Timestamp (GMT-4) | Batt. Voltage (V) | Current (mA) | Low (ppm) | Peak (ppm) | STEL (ppm) | TWA (ppm) | VOC (ppm) | VOC (Avg15) (ppm) | Humidity (%) | Mass (µg/m³) | Particle size (µm) | Temperature (℃) | TWA (µg/m³) | Mass (Avg15) (µg/m³) | Latitude | Longitude |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 9/19/2016 11:28 | 12.61 | 69.51 | 0 | 0.051 | 0 | 0 | 0 | 0 | 49 | 15.4 | 4 | 31.8 | 12.3 | 6.37 | 42.8108 | -78.8555 |
| 9/19/2016 11:27 | 12.61 | 65.76 | 0 | 0.051 | 0 | 0 | 0 | 0 | 50 | 8.2 | 0.847 | 31.8 | 12.3 | 5.73 | 42.8108 | -78.8555 |
| 9/19/2016 11:26 | 12.6 | 69.38 | 0 | 0.051 | 0 | 0 | 0 | 0 | 50 | 6.6 | 0.731 | 31.7 | 12.3 | 5.73 | 42.8108 | -78.8555 |
| 9/19/2016 11:25 | 12.61 | 66.67 | 0 | 0.051 | 0 | 0 | 0 | 0 | 49 | 3.6 | 0.457 | 31.7 | 12.3 | 5.67 | 42.8108 | -78.8555 |
| 9/19/2016 11:24 | 12.61 | 68.48 | 0 | 0.051 | 0 | 0 | 0 | 0 | 50 | 5.5 | 0.554 | 31.5 | 12.3 | 5.8 | 42.8108 | -78.8555 |
| 9/19/2016 11:23 | 12.6 | 67.44 | 0 | 0.051 | 0 | 0 | 0 | 0 | 50 | 6 | 0.513 | 31.5 | 12.4 | 5.93 | 42.8108 | -78.8555 |
| 9/19/2016 11:22 | 12.61 | 69.51 | 0 | 0.051 | 0 | 0 | 0 | 0 | 50 | 8.1 | 0.965 | 31.6 | 12.4 | 5.91 | 42.8108 | -78.8555 |
| 9/19/2016 11:21 | 12.59 | 77.13 | 0 | 0.051 | 0 | 0 | 0 | 0 | 51 | 5.3 | 0.491 | 31.4 | 12.4 | 8.91 | 42.8108 | -78.8555 |
| 9/19/2016 11:20 | 12.61 | 73.26 | 0 | 0.051 | 0 | 0 | 0 | 0 | 50 | 5.4 | 0.69 | 31.4 | 12.4 | 9.17 | 42.8108 | -78.8555 |
| 9/19/2016 11:19 | 12.61 | 66.67 | 0 | 0.051 | 0 | 0 | 0 | 0 | 51 | 5.6 | 0.752 | 31.3 | 12.5 | 10.87 | 42.8108 | -78.8555 |
| 9/19/2016 11:18 | 12.61 | 67.05 | 0 | 0.051 | 0 | 0 | 0 | 0 | 51 | 3.8 | 0.509 | 31.2 | 12.5 | 11.53 | 42.8108 | -78.8555 |
| 9/19/2016 11:17 | 12.61 | 66.8 | 0 | 0.051 | 0 | 0 | 0 | 0 | 51 | 5.3 | 0.494 | 31.2 | 12.5 | 12.86 | 42.8108 | -78.8555 |
| 9/19/2016 11:16 | 12.61 | 66.41 | 0 | 0.051 | 0 | 0 | 0 | 0 | 51 | 6.2 | 0.749 | 31.1 | 12.6 | 12.9 | 42.8108 | -78.8555 |
| 9/19/2016 11:15 | 12.6 | 72.22 | 0 | 0.051 | 0 | 0 | 0 | 0 | 51 | 5.1 | 0.499 | 31 | 12.6 | 12.99 | 42.8108 | -78.8555 |
| 9/19/2016 11:14 | 12.6 | 70.16 | 0 | 0.051 | 0 | 0 | 0 | 0 | 51 | 5.5 | 0.591 | 31 | 12.6 | 13.62 | 42.8108 | -78.8555 |
| 9/19/2016 11:13 | 12.6 | 71.32 | 0 | 0.051 | 0 | 0 | 0 | 0 | 51 | 5.7 | 0.8 | 31 | 12.7 | 13.62 | 42.8108 | -78.8555 |
| 9/19/2016 11:12 | 12.61 | 65.89 | 0 | 0.051 | 0 | 0 | 0 | 0 | 51 | 8.2 | 1.999 | 30.8 | 12.7 | 13.69 | 42.8108 | -78.8555 |
| 9/19/2016 11:11 | 12.61 | 68.35 | 0 | 0.051 | 0 | 0 | 0 | 0 | 52 | 5.8 | 0.841 | 30.8 | 12.7 | 13.6 | 42.8108 | -78.8555 |
| 9/19/2016 11:10 | 12.6 | 69.77 | 0 | 0.051 | 0 | 0 | 0 | 0 | 51 | 5.5 | 0.576 | 30.7 | 12.7 | 13.54 | 42.8108 | -78.8555 |
| 9/19/2016 11:09 | 12.61 | 67.44 | 0 | 0.051 | 0 | 0 | 0 | 0 | 52 | 7.5 | 1.183 | 30.6 | 12.8 | 13.51 | 42.8108 | -78.8555 |
| 9/19/2016 11:08 | 12.61 | 66.67 | 0 | 0.051 | 0 | 0 | 0 | 0 | 52 | 5.6 | 0.521 | 30.6 | 12.8 | 13.31 | 42.8108 | -78.8555 |
| 9/19/2016 11:07 | 12.6 | 67.44 | 0 | 0.051 | 0 | 0 | 0 | 0 | 52 | 53.1 | 4 | 30.5 | 12.8 | 13.63 | 42.8108 | -78.8555 |
| 9/19/2016 11:06 | 12.6 | 70.16 | 0 | 0.051 | 0 | 0 | 0 | 0 | 52 | 9.2 | 1.377 | 30.5 | 12.7 | 14.59 | 42.8107 | -78.8555 |
| 9/19/2016 11:05 | 12.61 | 66.28 | 0 | 0.051 | 0 | 0 | 0 | 0 | 52 | 31 | 4 | 30.2 | 12.7 | 14.81 | 42.8108 | -78.8555 |
| 9/19/2016 11:04 | 12.61 | 66.41 | 0 | 0.051 | 0 | 0 | 0 | 0 | 52 | 15.5 | 4 | 30.3 | 12.7 | 13.06 | 42.8108 | -78.8555 |
| 9/19/2016 11:03 | 12.59 | 71.71 | 0 | 0.051 | 0 | 0 | 0 | 0 | 53 | 23.7 | 2.015 | 30.2 | 12.7 | 12.43 | 42.8108 | -78.8555 |
| 9/19/2016 11:02 | 12.59 | 82.17 | 0 | 0.051 | 0 | 0 | 0 | 0 | 53 | 5.9 | 0.545 | 30.1 | 12.7 | 16.29 | 42.8108 | -78.8555 |
| 9/19/2016 11:01 | 12.6 | 70.28 | 0 | 0.051 | 0 | 0 | 0 | 0 | 52 | 7.5 | 1.18 | 30.1 | 12.7 | 19.38 | 42.8108 | -78.8555 |
| 9/19/2016 11:00 | 12.6 | 69.77 | 0 | 0.051 | 0 | 0 | 0 | 0 | 53 | 14.6 | 1.857 | 30 | 12.7 | 19.21 | 42.8108 | -78.8555 |
| 9/19/2016 10:59 | 12.6 | 66.93 | 0 | 0.051 | 0 | 0 | 0 | 0 | 52 | 5.5 | 0.718 | 29.8 | 12.7 | 18.62 | 42.8108 | -78.8555 |
| 9/19/2016 10:58 | 12.61 | 68.35 | 0 | 0.051 | 0 | 0 | 0 | 0 | 52 | 6.8 | 0.632 | 29.8 | 12.7 | 18.63 | 42.8108 | -78.8555 |
| 9/19/2016 10:57 | 12.61 | 69.9 | 0 | 0.051 | 0 | 0 | 0 | 0 | 53 | 6.8 | 0.874 | 29.7 | 12.8 | 18.57 | 42.8108 | -78.8555 |
| 9/19/2016 10:56 | 12.59 | 75.06 | 0 | 0.051 | 0 | 0 | 0 | 0 | 52 | 4.9 | 0.433 | 29.8 | 12.8 | 18.57 | 42.8108 | -78.8555 |
| 9/19/2016 10:55 | 12.59 | 71.32 | 0 | 0.051 | 0 | 0 | 0 | 0 | 53 | 5.1 | 0.54 | 29.6 | 12.9 | 18.62 | 42.8108 | -78.8555 |
| 9/19/2016 10:54 | 12.61 | 69.64 | 0 | 0.051 | 0 | 0 | 0 | 0 | 53 | 4.5 | 0.749 | 29.6 | 12.9 | 18.91 | 42.8108 | -78.8555 |
| 9/19/2016 10:53 | 12.61 | 65.37 | 0 | 0.051 | 0 | 0 | 0 | 0 | 53 | 10.3 | 1.406 | 29.6 | 12.9 | 23.63 | 42.8108 | -78.8555 |
| 9/19/2016 10:52 | 12.59 | 68.99 | 0 | 0.051 | 0 | 0 | 0 | 0 | 54 | 67.5 | 4 | 29.5 | 12.7 | 23.33 | 42.8108 | -78.8555 |
| 9/19/2016 10:51 | 12.6 | 67.7 | 0 | 0.051 | 0 | 0 | 0 | 0 | 53 | 12.6 | 1.212 | 29.3 | 12.6 | 19.41 | 42.8108 | -78.8555 |
| 9/19/2016 10:50 | 12.6 | 71.06 | 0 | 0.051 | 0 | 0 | 0 | 0 | 54 | 4.7 | 0.467 | 29.3 | 12.6 | 20.63 | 42.8108 | -78.8555 |
| 9/19/2016 10:49 | 12.61 | 71.83 | 0 | 0.051 | 0 | 0 | 0 | 0 | 54 | 6.1 | 0.968 | 29.2 | 12.6 | 21.29 | 42.8108 | -78.8555 |
| 9/19/2016 10:48 | 12.6 | 69.77 | 0 | 0.051 | 0 | 0 | 0 | 0 | 53 | 81.5 | 4 | 29.2 | 12.5 | 21.43 | 42.8108 | -78.8555 |
| 9/19/2016 10:47 | 12.61 | 65.76 | 0 | 0.051 | 0 | 0 | 0 | 0 | 54 | 52.3 | 4 | 29.1 | 12.4 | 16.35 | 42.8108 | -78.8555 |
| 9/19/2016 10:46 | 12.6 | 73.13 | 0 | 0.051 | 0 | 0 | 0 | 0 | 55 | 5 | 0.589 | 29 | 12.3 | 13.88 | 42.8108 | -78.8555 |
| 9/19/2016 10:45 | 12.6 | 67.31 | 0 | 0.051 | 0 | 0 | 0 | 0 | 55 | 5.7 | 0.695 | 29 | 12.3 | 13.98 | 42.8108 | -78.8555 |
| 9/19/2016 10:44 | 12.6 | 69.64 | 0 | 0.051 | 0 | 0 | 0 | 0 | 55 | 5.7 | 0.869 | 29 | 12.3 | 14 | 42.8108 | -78.8555 |
| 9/19/2016 10:43 | 12.61 | 67.05 | 0 | 0.051 | 0 | 0 | 0 | 0 | 54 | 5.9 | 0.572 | 28.8 | 12.4 | 14.22 | 42.8108 | -78.8555 |

| Timestamp (GMT-4) | Batt. Voltage (V) | Current (mA) | Low (ppm) | Peak (ppm) | STEL (ppm) | TWA (ppm) | VOC (ppm) | VOC (Avg15) (ppm) | Humidity (%) | Mass (µg/m³) | Particle size (µm) | Temperature (℃) | TWA (µg/m³) | Mass (Avg15) (µg/m³) | Latitude | Longitude |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 9/19/2016 10:42 | 12.58 | 78.42 | 0 | 0.051 | 0 | 0 | 0 | 0 | 55 | 6.7 | 0.592 | 28.9 | 12.4 | 14.22 | 42.8108 | -78.8555 |
| 9/19/2016 10:41 | 12.59 | 73.13 | 0 | 0.051 | 0 | 0 | 0 | 0 | 55 | 5.7 | 0.785 | 28.8 | 12.4 | 14.61 | 42.8108 | -78.8555 |
| 9/19/2016 10:40 | 12.59 | 77.78 | 0 | 0.051 | 0 | 0 | 0 | 0 | 55 | 9.4 | 1.329 | 28.7 | 12.4 | 14.59 | 42.8108 | -78.8555 |
| 9/19/2016 10:39 | 12.61 | 65.76 | 0 | 0.051 | 0 | 0 | 0 | 0 | 55 | 75.3 | 4 | 28.6 | 12.4 | 14.27 | 42.8108 | -78.8555 |
| 9/19/2016 10:38 | 12.57 | 85.27 | 0 | 0.051 | 0 | 0 | 0 | 0 | 55 | 5.8 | 0.918 | 28.6 | 12.3 | 9.6 | 42.8108 | -78.8555 |
| 9/19/2016 10:37 | 12.6 | 66.8 | 0 | 0.051 | 0 | 0 | 0 | 0 | 56 | 8.7 | 1.855 | 28.5 | 12.3 | 9.67 | 42.8108 | -78.8555 |
| 9/19/2016 10:36 | 12.6 | 68.73 | 0 | 0.051 | 0 | 0 | 0 | 0 | 55 | 30.9 | 4 | 28.4 | 12.2 | 10.03 | 42.8108 | -78.8555 |
| 9/19/2016 10:35 | 12.6 | 66.67 | 0 | 0.051 | 0 | 0 | 0 | 0 | 56 | 14.7 | 3 | 28.3 | 12 | 9.09 | 42.8108 | -78.8555 |
| 9/19/2016 10:34 | 12.61 | 66.93 | 0 | 0.051 | 0 | 0 | 0 | 0 | 56 | 8.2 | 0.661 | 28.3 | 12 | 8.59 | 42.8108 | -78.8555 |
| 9/19/2016 10:33 | 12.59 | 72.74 | 0 | 0.051 | 0 | 0 | 0 | 0 | 56 | 5.2 | 0.529 | 28.1 | 12 | 8.6 | 42.8108 | -78.8555 |
| 9/19/2016 10:32 | 12.61 | 65.89 | 0 | 0.051 | 0 | 0 | 0 | 0 | 56 | 15.3 | 4 | 28.1 | 12 | 8.73 | 42.8108 | -78.8555 |
| 9/19/2016 10:31 | 12.59 | 72.09 | 0 | 0.051 | 0 | 0 | 0 | 0 | 56 | 6.5 | 1.036 | 28.1 | 11.9 | 8.07 | 42.8108 | -78.8555 |
| 9/19/2016 10:30 | 12.61 | 68.22 | 0 | 0.051 | 0 | 0 | 0 | 0 | 57 | 6 | 1.033 | 28.1 | 12 | 8.06 | 42.8108 | -78.8555 |
| 9/19/2016 10:29 | 12.61 | 68.22 | 0 | 0.051 | 0 | 0 | 0 | 0 | 56 | 9 | 0.723 | 28 | 12 | 8.15 | 42.8108 | -78.8555 |
| 9/19/2016 10:28 | 12.59 | 80.88 | 0 | 0.051 | 0 | 0 | 0 | 0 | 57 | 5.9 | 0.608 | 27.9 | 12 | 7.87 | 42.8108 | -78.8555 |
| 9/19/2016 10:27 | 12.6 | 71.19 | 0 | 0.051 | 0 | 0 | 0 | 0 | 56 | 12.5 | 4 | 27.8 | 12 | 7.84 | 42.8108 | -78.8555 |
| 9/19/2016 10:26 | 12.6 | 70.28 | 0 | 0.051 | 0 | 0 | 0 | 0 | 57 | 5.4 | 0.691 | 27.7 | 12 | 7.83 | 42.8108 | -78.8555 |
| 9/19/2016 10:25 | 12.6 | 70.8 | 0 | 0.051 | 0 | 0 | 0 | 0 | 57 | 4.6 | 0.41 | 27.7 | 12.1 | 7.84 | 42.8108 | -78.8555 |
| 9/19/2016 10:24 | 12.6 | 70.16 | 0 | 0.051 | 0 | 0 | 0 | 0 | 57 | 5.3 | 0.735 | 27.7 | 12.1 | 7.89 | 42.8108 | -78.8555 |
| 9/19/2016 10:23 | 12.59 | 71.58 | 0 | 0.051 | 0 | 0 | 0 | 0 | 57 | 6.9 | 1.643 | 27.7 | 12.1 | 7.97 | 42.8108 | -78.8555 |
| 9/19/2016 10:22 | 12.59 | 69.51 | 0 | 0.051 | 0 | 0 | 0 | 0 | 57 | 14.1 | 4 | 27.6 | 12.2 | 7.85 | 42.8108 | -78.8555 |
| 9/19/2016 10:21 | 12.59 | 68.48 | 0 | 0.051 | 0 | 0 | 0 | 0 | 57 | 16.7 | 1.675 | 27.5 | 12 | 7.63 | 42.8108 | -78.8555 |
| 9/19/2016 10:20 | 12.59 | 69.38 | 0 | 0.051 | 0 | 0 | 0 | 0 | 58 | 7.2 | 0.786 | 27.5 | 12 | 8.97 | 42.8108 | -78.8555 |
| 9/19/2016 10:19 | 12.6 | 71.19 | 0 | 0.051 | 0 | 0 | 0 | 0 | 59 | 8.4 | 1.418 | 27.4 | 12.1 | 9.34 | 42.8108 | -78.8555 |
| 9/19/2016 10:18 | 12.6 | 65.63 | 0 | 0.051 | 0 | 0 | 0 | 0 | 58 | 7.2 | 1.119 | 27.3 | 12.1 | 9.85 | 42.8108 | -78.8555 |
| 9/19/2016 10:17 | 12.6 | 70.28 | 0 | 0.051 | 0 | 0 | 0 | 0 | 59 | 5.3 | 0.466 | 27.2 | 12.1 | 9.75 | 42.8108 | -78.8555 |
| 9/19/2016 10:16 | 12.59 | 71.71 | 0 | 0.051 | 0 | 0 | 0 | 0 | 59 | 6.4 | 0.711 | 27.2 | 12.2 | 9.83 | 42.8108 | -78.8555 |
| 9/19/2016 10:15 | 12.59 | 67.44 | 0 | 0.051 | 0 | 0 | 0 | 0 | 59 | 7.3 | 0.739 | 27.1 | 12.2 | 10.72 | 42.8108 | -78.8555 |
| 9/19/2016 10:14 | 12.59 | 68.73 | 0 | 0.051 | 0 | 0 | 0 | 0 | 59 | 4.9 | 0.668 | 27.1 | 12.2 | 10.64 | 42.8108 | -78.8555 |
| 9/19/2016 10:13 | 12.59 | 67.44 | 0 | 0.051 | 0 | 0 | 0 | 0 | 60 | 5.4 | 0.772 | 27 | 12.3 | 10.97 | 42.8108 | -78.8555 |
| 9/19/2016 10:12 | 12.59 | 69.64 | 0 | 0.051 | 0 | 0 | 0 | 0 | 60 | 12.3 | 4 | 26.8 | 12.3 | 11 | 42.8108 | -78.8555 |
| 9/19/2016 10:11 | 12.57 | 81.14 | 0 | 0.051 | 0 | 0 | 0 | 0 | 60 | 5.6 | 0.68 | 26.8 | 12.3 | 10.95 | 42.8108 | -78.8555 |
| 9/19/2016 10:10 | 12.59 | 67.7 | 0 | 0.051 | 0 | 0 | 0 | 0 | 60 | 5.3 | 0.466 | 26.7 | 12.4 | 10.97 | 42.8108 | -78.8555 |
| 9/19/2016 10:09 | 12.6 | 65.89 | 0 | 0.051 | 0 | 0 | 0 | 0 | 60 | 6.5 | 0.605 | 26.7 | 12.4 | 11.04 | 42.8108 | -78.8555 |
| 9/19/2016 10:08 | 12.59 | 70.93 | 0 | 0.051 | 0 | 0 | 0 | 0 | 60 | 5.2 | 0.48 | 26.6 | 12.5 | 11.17 | 42.8108 | -78.8555 |
| 9/19/2016 10:07 | 12.59 | 67.44 | 0 | 0.051 | 0 | 0 | 0 | 0 | 60 | 10.7 | 3.146 | 26.5 | 12.5 | 12.03 | 42.8108 | -78.8555 |
| 9/19/2016 10:06 | 12.6 | 66.67 | 0 | 0.051 | 0 | 0 | 0 | 0 | 61 | 36.8 | 4 | 26.5 | 12.5 | 11.84 | 42.8108 | -78.8555 |
| 9/19/2016 10:05 | 12.6 | 70.8 | 0 | 0.051 | 0 | 0 | 0 | 0 | 60 | 12.8 | 4 | 26.3 | 12.4 | 9.79 | 42.8108 | -78.8555 |
| 9/19/2016 10:04 | 12.59 | 70.93 | 0 | 0.051 | 0 | 0 | 0 | 0 | 60 | 16.1 | 4 | 26.3 | 12.4 | 9.31 | 42.8108 | -78.8555 |
| 9/19/2016 10:03 | 12.59 | 71.32 | 0 | 0.051 | 0 | 0 | 0 | 0 | 62 | 5.7 | 0.536 | 26.2 | 12.3 | 8.67 | 42.8108 | -78.8555 |
| 9/19/2016 10:02 | 12.59 | 67.7 | 0 | 0.051 | 0 | 0 | 0 | 0 | 61 | 6.4 | 0.77 | 26.3 | 12.4 | 10.27 | 42.8108 | -78.8555 |
| 9/19/2016 10:01 | 12.58 | 75.71 | 0 | 0.051 | 0 | 0 | 0 | 0 | 62 | 19.8 | 4 | 26 | 12.4 | 10.37 | 42.8108 | -78.8555 |
| 9/19/2016 10:00 | 12.59 | 68.86 | 0 | 0.051 | 0 | 0 | 0 | 0 | 62 | 6.1 | 0.623 | 26.1 | 12.3 | 9.41 | 42.8108 | -78.8555 |
| 9/19/2016 9:59 | 12.6 | 68.99 | 0 | 0.051 | 0 | 0 | 0 | 0 | 61 | 9.9 | 1.381 | 26 | 12.3 | 9.41 | 42.8108 | -78.8555 |
| 9/19/2016 9:58 | 12.59 | 70.03 | 0 | 0.051 | 0 | 0 | 0 | 0 | 61 | 5.8 | 0.839 | 25.9 | 12.3 | 9.17 | 42.8108 | -78.8555 |
| 9/19/2016 9:57 | 12.59 | 66.93 | 0 | 0.051 | 0 | 0 | 0 | 0 | 61 | 11.6 | 2.54 | 25.8 | 12.3 | 9.23 | 42.8108 | -78.8555 |

| Timestamp (GMT-4) | Batt. Voltage (V) | Current (mA) | Low (ppm) | Peak (ppm) | STEL (ppm) | TWA (ppm) | VOC (ppm) | VOC (Avg15) (ppm) | Humidity (%) | Mass (µg/m³) | Particle size (µm) | Temperature (℃) | TWA (µg/m³) | Mass (Avg15) (µg/m³) | Latitude | Longitude |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 9/19/2016 9:56 | 12.59 | 69.77 | 0 | 0.051 | 0 | 0 | 0 | 0 | 61 | 5.9 | 0.721 | 25.8 | 12.4 | 9.24 | 42.8108 | -78.8555 |
| 9/19/2016 9:55 | 12.58 | 67.05 | 0 | 0.051 | 0 | 0 | 0 | 0 | 62 | 6.3 | 0.892 | 25.7 | 12.4 | 9.62 | 42.8108 | -78.8555 |
| 9/19/2016 9:54 | 12.59 | 69.9 | 0 | 0.051 | 0 | 0 | 0 | 0 | 62 | 8.5 | 0.845 | 25.6 | 12.5 | 10.59 | 42.8108 | -78.8555 |
| 9/19/2016 9:53 | 12.59 | 76.23 | 0 | 0.051 | 0 | 0 | 0 | 0 | 62 | 18.1 | 4 | 25.6 | 12.5 | 10.5 | 42.8108 | -78.8555 |
| 9/19/2016 9:52 | 12.59 | 68.48 | 0 | 0.051 | 0 | 0 | 0 | 0 | 62 | 7.8 | 0.827 | 25.5 | 12.3 | 10.07 | 42.8108 | -78.8555 |
| 9/19/2016 9:51 | 12.59 | 68.09 | 0 | 0.051 | 0 | 0 | 0 | 0 | 62 | 6.1 | 0.615 | 25.4 | 12.3 | 11.04 | 42.8108 | -78.8555 |
| 9/19/2016 9:50 | 12.59 | 68.48 | 0 | 0.051 | 0 | 0 | 0 | 0 | 63 | 5.5 | 0.831 | 25.3 | 12.4 | 11.16 | 42.8108 | -78.8555 |
| 9/19/2016 9:49 | 12.57 | 70.93 | 0 | 0.051 | 0 | 0 | 0 | 0 | 63 | 6.6 | 1.198 | 25.2 | 12.4 | 11.21 | 42.8108 | -78.8555 |
| 9/19/2016 9:48 | 12.59 | 67.57 | 0 | 0.051 | 0 | 0 | 0 | 0 | 63 | 29.7 | 4 | 25.2 | 12.4 | 11.32 | 42.8108 | -78.8555 |
| 9/19/2016 9:47 | 12.59 | 76.62 | 0 | 0.051 | 0 | 0 | 0 | 0 | 63 | 7.8 | 0.937 | 25.2 | 12.4 | 10.07 | 42.8108 | -78.8555 |
| 9/19/2016 9:46 | 12.59 | 64.34 | 0 | 0.051 | 0 | 0 | 0 | 0 | 63 | 5.5 | 0.75 | 25.1 | 12.5 | 10.07 | 42.8108 | -78.8555 |
| 9/19/2016 9:45 | 12.59 | 69.77 | 0 | 0.051 | 0 | 0 | 0 | 0 | 63 | 6.1 | 0.944 | 25 | 12.5 | 10.26 | 42.8108 | -78.8555 |
| 9/19/2016 9:44 | 12.58 | 70.8 | 0 | 0.051 | 0 | 0 | 0 | 0 | 63 | 6.3 | 0.737 | 25 | 12.6 | 10.35 | 42.8108 | -78.8555 |
| 9/19/2016 9:43 | 12.59 | 64.47 | 0 | 0.051 | 0 | 0 | 0 | 0 | 63 | 6.6 | 0.811 | 24.9 | 12.6 | 10.49 | 42.8108 | -78.8555 |
| 9/19/2016 9:42 | 12.56 | 83.08 | 0 | 0.051 | 0 | 0 | 0 | 0 | 63 | 11.8 | 4 | 24.8 | 12.7 | 10.93 | 42.8108 | -78.8555 |
| 9/19/2016 9:41 | 12.59 | 70.03 | 0 | 0.051 | 0 | 0 | 0 | 0 | 63 | 11.6 | 3.301 | 24.7 | 12.7 | 11.85 | 42.8108 | -78.8555 |
| 9/19/2016 9:40 | 12.59 | 65.5 | 0 | 0.051 | 0 | 0 | 0 | 0 | 63 | 20.9 | 4 | 24.7 | 12.7 | 11.63 | 42.8108 | -78.8555 |
| 9/19/2016 9:39 | 12.59 | 71.83 | 0 | 0.051 | 0 | 0 | 0 | 0 | 63 | 7.1 | 1.388 | 24.6 | 12.6 | 10.74 | 42.8108 | -78.8555 |
| 9/19/2016 9:38 | 12.59 | 67.83 | 0 | 0.051 | 0 | 0 | 0 | 0 | 64 | 11.6 | 2.103 | 24.5 | 12.7 | 10.8 | 42.8108 | -78.8555 |
| 9/19/2016 9:37 | 12.58 | 70.03 | 0 | 0.051 | 0 | 0 | 0 | 0 | 64 | 22.4 | 4 | 24.6 | 12.7 | 10.59 | 42.8108 | -78.8555 |
| 9/19/2016 9:36 | 12.58 | 71.19 | 0 | 0.051 | 0 | 0 | 0 | 0 | 65 | 7.9 | 1.03 | 24.4 | 12.7 | 9.75 | 42.8108 | -78.8555 |
| 9/19/2016 9:35 | 12.59 | 66.67 | 0 | 0.051 | 0 | 0 | 0 | 0 | 64 | 6.3 | 0.986 | 24.4 | 12.7 | 9.67 | 42.8108 | -78.8555 |
| 9/19/2016 9:34 | 12.59 | 70.03 | 0 | 0.051 | 0 | 0 | 0 | 0 | 64 | 8.2 | 1.16 | 24.3 | 12.8 | 9.72 | 42.8108 | -78.8555 |
| 9/19/2016 9:33 | 12.59 | 70.41 | 0 | 0.051 | 0 | 0 | 0 | 0 | 65 | 11 | 2.578 | 24.2 | 12.8 | 9.74 | 42.8108 | -78.8555 |
| 9/19/2016 9:32 | 12.57 | 75.19 | 0 | 0.051 | 0 | 0 | 0 | 0 | 64 | 7.7 | 1.076 | 24.2 | 12.9 | 9.48 | 42.8108 | -78.8555 |
| 9/19/2016 9:31 | 12.59 | 72.87 | 0 | 0.051 | 0 | 0 | 0 | 0 | 64 | 8.4 | 2.393 | 24.1 | 12.9 | 9.43 | 42.8108 | -78.8555 |
| 9/19/2016 9:30 | 12.59 | 65.89 | 0 | 0.051 | 0 | 0 | 0 | 0 | 64 | 7.5 | 4 | 24.1 | 12.9 | 9.28 | 42.8108 | -78.8555 |
| 9/19/2016 9:29 | 12.58 | 72.48 | 0 | 0.051 | 0 | 0 | 0 | 0 | 63 | 8.4 | 1.261 | 24 | 13 | 9.15 | 42.8108 | -78.8555 |
| 9/19/2016 9:28 | 12.58 | 71.45 | 0 | 0.051 | 0 | 0 | 0 | 0 | 64 | 13.2 | 1.411 | 24 | 13 | 8.92 | 42.8108 | -78.8555 |
| 9/19/2016 9:27 | 12.58 | 68.99 | 0 | 0.051 | 0 | 0 | 0 | 0 | 65 | 25.6 | 2.161 | 23.8 | 13 | 8.49 | 42.8108 | -78.8555 |
| 9/19/2016 9:26 | 12.59 | 68.99 | 0 | 0.051 | 0 | 0 | 0 | 0 | 64 | 8.2 | 0.659 | 23.7 | 13 | 7.31 | 42.8108 | -78.8555 |
| 9/19/2016 9:25 | 12.58 | 70.93 | 0 | 0.051 | 0 | 0 | 0 | 0 | 64 | 7.6 | 2.615 | 23.7 | 13 | 7.15 | 42.8108 | -78.8555 |
| 9/19/2016 9:24 | 12.56 | 86.43 | 0 | 0.051 | 0 | 0 | 0 | 0 | 65 | 8 | 0.876 | 23.7 | 13.1 | 7.14 | 42.8108 | -78.8555 |
| 9/19/2016 9:23 | 12.57 | 77 | 0 | 0.051 | 0 | 0 | 0 | 0 | 65 | 8.5 | 1.713 | 23.6 | 13.1 | 7.13 | 42.8108 | -78.8555 |
| 9/19/2016 9:22 | 12.58 | 69.38 | 0 | 0.051 | 0 | 0 | 0 | 0 | 65 | 9.8 | 1.644 | 23.6 | 13.2 | 7.17 | 42.8108 | -78.8555 |
| 9/19/2016 9:21 | 12.58 | 78.04 | 0 | 0.051 | 0 | 0 | 0 | 0 | 65 | 6.6 | 0.826 | 23.5 | 13.2 | 10.84 | 42.8107 | -78.8555 |
| 9/19/2016 9:20 | 12.57 | 68.48 | 0 | 0.051 | 0 | 0 | 0 | 0 | 65 | 7.1 | 0.989 | 23.5 | 13.3 | 11.27 | 42.8107 | -78.8555 |
| 9/19/2016 9:19 | 12.57 | 76.23 | 0 | 0.051 | 0 | 0 | 0 | 0 | 66 | 8.5 | 1.851 | 23.3 | 13.3 | 11.5 | 42.8108 | -78.8555 |
| 9/19/2016 9:18 | 12.58 | 68.09 | 0 | 0.051 | 0 | 0 | 0 | 0 | 66 | 7.1 | 0.967 | 23.4 | 13.3 | 12.02 | 42.8108 | -78.8555 |
| 9/19/2016 9:17 | 12.57 | 74.55 | 0 | 0.051 | 0 | 0 | 0 | 0 | 66 | 6.9 | 0.812 | 23.2 | 13.4 | 12.01 | 42.8108 | -78.8555 |
| 9/19/2016 9:16 | 12.57 | 68.48 | 0 | 0.051 | 0 | 0 | 0 | 0 | 66 | 6.2 | 0.637 | 23.2 | 13.4 | 12.04 | 42.8108 | -78.8555 |
| 9/19/2016 9:15 | 12.57 | 73.77 | 0 | 0.051 | 0 | 0 | 0 | 0 | 67 | 5.5 | 0.943 | 23.1 | 13.5 | 12.13 | 42.8108 | -78.8555 |
| 9/19/2016 9:14 | 12.57 | 69.9 | 0 | 0.051 | 0 | 0 | 0 | 0 | 67 | 5 | 0.475 | 23.1 | 13.6 | 12.3 | 42.8108 | -78.8555 |
| 9/19/2016 9:13 | 12.57 | 71.71 | 0 | 0.051 | 0 | 0 | 0 | 0 | 67 | 6.7 | 0.874 | 23 | 13.7 | 12.53 | 42.8108 | -78.8555 |
| 9/19/2016 9:12 | 12.59 | 66.93 | 0 | 0.051 | 0 | 0 | 0 | 0 | 66 | 7.9 | 1.334 | 22.9 | 13.8 | 12.84 | 42.8108 | -78.8555 |
| 9/19/2016 9:11 | 12.58 | 67.96 | 0 | 0.051 | 0 | 0 | 0 | 0 | 66 | 5.8 | 0.606 | 22.9 | 13.8 | 15.49 | 42.8108 | -78.8555 |

| Timestamp (GMT-4) | Batt. Voltage (V) | Current (mA) | Low (ppm) | Peak (ppm) | STEL (ppm) | TWA (ppm) | VOC (ppm) | VOC (Avg15) (ppm) | Humidity (%) | Mass (µg/m³) | Particle size (µm) | Temperature (°C) | TWA (µg/m³) | Mass (Avg15) (µg/m³) | Latitude | Longitude |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 9/19/2016 9:10 | 12.58 | 67.83 | 0 | 0.051 | 0 | 0 | 0 | 0 | 68 | 7.5 | 0.977 | 22.7 | 13.9 | 15.59 | 42.8108 | -78.8555 |
| 9/19/2016 9:09 | 12.58 | 66.67 | 0 | 0.051 | 0 | 0 | 0 | 0 | 68 | 7.9 | 1.577 | 22.7 | 14 | 15.57 | 42.8108 | -78.8555 |
| 9/19/2016 9:08 | 12.57 | 70.8 | 0 | 0.051 | 0 | 0 | 0 | 0 | 67 | 9 | 2.072 | 22.7 | 14 | 15.59 | 42.8108 | -78.8555 |
| 9/19/2016 9:07 | 12.58 | 69.12 | 0 | 0.051 | 0 | 0 | 0 | 0 | 67 | 64.9 | 4 | 22.5 | 13.9 | 15.77 | 42.8108 | -78.8555 |
| 9/19/2016 9:06 | 12.58 | 67.96 | 0 | 0.051 | 0 | 0 | 0 | 0 | 68 | 13 | 4 | 22.5 | 13.8 | 11.97 | 42.8108 | -78.8555 |
| 9/19/2016 9:05 | 12.56 | 71.45 | 0 | 0.051 | 0 | 0 | 0 | 0 | 68 | 10.6 | 1.574 | 22.4 | 13.8 | 11.73 | 42.8108 | -78.8555 |
| 9/19/2016 9:04 | 12.58 | 62.92 | 0 | 0.051 | 0 | 0 | 0 | 0 | 68 | 16.3 | 1.668 | 22.4 | 13.8 | 12.15 | 42.8108 | -78.8555 |
| 9/19/2016 9:03 | 12.57 | 73.64 | 0 | 0.051 | 0 | 0 | 0 | 0 | 67 | 6.9 | 0.927 | 22.4 | 13.9 | 12.12 | 42.8108 | -78.8555 |
| 9/19/2016 9:02 | 12.55 | 81.4 | 0 | 0.051 | 0 | 0 | 0 | 0 | 67 | 7.4 | 1.303 | 22.3 | 14 | 12.87 | 42.8108 | -78.8555 |
| 9/19/2016 9:01 | 12.57 | 70.8 | 0 | 0.051 | 0 | 0 | 0 | 0 | 68 | 7.5 | 0.996 | 22.2 | 14 | 13.22 | 42.8108 | -78.8555 |
| 9/19/2016 9:00 | 12.56 | 72.61 | 0 | 0.051 | 0 | 0 | 0 | 0 | 68 | 8.1 | 1.99 | 22.2 | 14.1 | 13.56 | 42.8108 | -78.8555 |
| 9/19/2016 8:59 | 12.57 | 67.83 | 0 | 0.051 | 0 | 0 | 0 | 0 | 68 | 8.5 | 0.985 | 22.1 | 14.2 | 13.73 | 42.8108 | -78.8555 |
| 9/19/2016 8:58 | 12.56 | 69.64 | 0 | 0.051 | 0 | 0 | 0 | 0 | 68 | 11.3 | 2.446 | 22.1 | 14.3 | 13.95 | 42.8108 | -78.8555 |
| 9/19/2016 8:57 | 12.57 | 72.61 | 0 | 0.051 | 0 | 0 | 0 | 0 | 68 | 47.7 | 4 | 22 | 14.3 | 13.95 | 42.8108 | -78.8555 |
| 9/19/2016 8:56 | 12.57 | 67.7 | 0 | 0.051 | 0 | 0 | 0 | 0 | 69 | 7.3 | 0.815 | 21.9 | 14.2 | 11.63 | 42.8108 | -78.8555 |
| 9/19/2016 8:55 | 12.57 | 67.96 | 0 | 0.051 | 0 | 0 | 0 | 0 | 69 | 7.1 | 0.767 | 22 | 14.3 | 11.93 | 42.8108 | -78.8555 |
| 9/19/2016 8:54 | 12.56 | 71.45 | 0 | 0.051 | 0 | 0 | 0 | 0 | 69 | 8.3 | 1.261 | 21.7 | 14.4 | 12.37 | 42.8108 | -78.8555 |
| 9/19/2016 8:53 | 12.57 | 74.03 | 0 | 0.051 | 0 | 0 | 0 | 0 | 69 | 11.6 | 4 | 21.8 | 14.4 | 12.57 | 42.8108 | -78.8555 |
| 9/19/2016 8:52 | 12.57 | 67.18 | 0 | 0.051 | 0 | 0 | 0 | 0 | 69 | 8 | 1.147 | 21.7 | 14.5 | 12.55 | 42.8108 | -78.8555 |
| 9/19/2016 8:51 | 12.57 | 69.77 | 0 | 0.051 | 0 | 0 | 0 | 0 | 69 | 9.3 | 0.93 | 21.6 | 14.6 | 12.78 | 42.8108 | -78.8555 |
| 9/19/2016 8:50 | 12.57 | 66.8 | 0 | 0.051 | 0 | 0 | 0 | 0 | 69 | 16.9 | 4 | 21.7 | 14.6 | 13.23 | 42.8108 | -78.8555 |
| 9/19/2016 8:49 | 12.56 | 72.61 | 0 | 0.051 | 0 | 0 | 0 | 0 | 70 | 15.9 | 3.122 | 21.6 | 14.4 | 13.63 | 42.8108 | -78.8555 |
| 9/19/2016 8:48 | 12.57 | 68.09 | 0 | 0.051 | 0 | 0 | 0 | 0 | 69 | 18.2 | 3.61 | 21.5 | 14.4 | 13.31 | 42.8108 | -78.8555 |
| 9/19/2016 8:47 | 12.57 | 64.86 | 0 | 0.051 | 0 | 0 | 0 | 0 | 70 | 12.6 | 2.424 | 21.5 | 14.4 | 13.21 | 42.8108 | -78.8555 |
| 9/19/2016 8:46 | 12.56 | 68.73 | 0 | 0.051 | 0 | 0 | 0 | 0 | 69 | 12.6 | 1.195 | 21.5 | 14.5 | 13.01 | 42.8108 | -78.8555 |
| 9/19/2016 8:45 | 12.56 | 72.61 | 0 | 0.051 | 0 | 0 | 0 | 0 | 70 | 10.7 | 1.583 | 21.3 | 14.5 | 12.96 | 42.8108 | -78.8555 |
| 9/19/2016 8:44 | 12.56 | 73.9 | 0 | 0.051 | 0 | 0 | 0 | 0 | 69 | 11.8 | 1.432 | 21.4 | 14.5 | 13.23 | 42.8108 | -78.8555 |
| 9/19/2016 8:43 | 12.56 | 69.64 | 0 | 0.051 | 0 | 0 | 0 | 0 | 69 | 11.2 | 1.926 | 21.3 | 14.6 | 13.52 | 42.8108 | -78.8555 |
| 9/19/2016 8:42 | 12.56 | 67.7 | 0 | 0.051 | 0 | 0 | 0 | 0 | 69 | 13 | 1.391 | 21.2 | 14.6 | 14.17 | 42.8108 | -78.8555 |
| 9/19/2016 8:41 | 12.56 | 65.37 | 0 | 0.051 | 0 | 0 | 0 | 0 | 69 | 11.7 | 1.061 | 21.2 | 14.6 | 14.17 | 42.8108 | -78.8555 |
| 9/19/2016 8:40 | 12.57 | 71.19 | 0 | 0.051 | 0 | 0 | 0 | 0 | 69 | 13.7 | 1.638 | 21.2 | 14.7 | 14.29 | 42.8108 | -78.8555 |
| 9/19/2016 8:39 | 12.55 | 74.03 | 0 | 0.051 | 0 | 0 | 0 | 0 | 69 | 11.4 | 1 | 21.2 | 14.7 | 14.27 | 42.8108 | -78.8555 |
| 9/19/2016 8:38 | 12.56 | 71.58 | 0 | 0.051 | 0 | 0 | 0 | 0 | 69 | 11.2 | 2.051 | 21.1 | 14.7 | 15.24 | 42.8108 | -78.8555 |
| 9/19/2016 8:37 | 12.56 | 68.09 | 0 | 0.051 | 0 | 0 | 0 | 0 | 70 | 11.5 | 1.494 | 21 | 14.8 | 15.48 | 42.8108 | -78.8555 |
| 9/19/2016 8:36 | 12.56 | 67.7 | 0 | 0.051 | 0 | 0 | 0 | 0 | 70 | 16.1 | 1.21 | 21 | 14.8 | 15.69 | 42.8108 | -78.8555 |
| 9/19/2016 8:35 | 12.56 | 67.96 | 0 | 0.051 | 0 | 0 | 0 | 0 | 69 | 22.9 | 4 | 21 | 14.7 | 15.55 | 42.8108 | -78.8555 |
| 9/19/2016 8:34 | 12.55 | 74.81 | 0 | 0.051 | 0 | 0 | 0 | 0 | 70 | 11.1 | 1.473 | 20.9 | 14.7 | 15.01 | 42.8108 | -78.8555 |
| 9/19/2016 8:33 | 12.55 | 74.55 | 0 | 0.051 | 0 | 0 | 0 | 0 | 70 | 16.7 | 1.822 | 20.8 | 14.7 | 15.33 | 42.8108 | -78.8555 |
| 9/19/2016 8:32 | 12.55 | 76.62 | 0 | 0.051 | 0 | 0 | 0 | 0 | 70 | 9.5 | 0.959 | 20.7 | 14.7 | 15.26 | 42.8108 | -78.8555 |
| 9/19/2016 8:31 | 12.56 | 68.22 | 0 | 0.051 | 0 | 0 | 0 | 0 | 69 | 11.9 | 1.85 | 20.7 | 14.8 | 15.59 | 42.8108 | -78.8555 |
| 9/19/2016 8:30 | 12.56 | 69.25 | 0 | 0.051 | 0 | 0 | 0 | 0 | 70 | 14.7 | 1.912 | 20.7 | 14.8 | 15.51 | 42.8108 | -78.8555 |
| 9/19/2016 8:29 | 12.56 | 70.41 | 0 | 0.051 | 0 | 0 | 0 | 0 | 69 | 16.2 | 2.065 | 20.7 | 14.7 | 15.47 | 42.8108 | -78.8555 |
| 9/19/2016 8:28 | 12.55 | 74.03 | 0 | 0.051 | 0 | 0 | 0 | 0 | 70 | 20.9 | 2.003 | 20.7 | 14.6 | 15.53 | 42.8108 | -78.8555 |
| 9/19/2016 8:27 | 12.56 | 68.35 | 0 | 0.051 | 0 | 0 | 0 | 0 | 70 | 13 | 1.605 | 20.7 | 14.4 | 14.89 | 42.8108 | -78.8555 |
| 9/19/2016 8:26 | 12.55 | 69.77 | 0 | 0.051 | 0 | 0 | 0 | 0 | 69 | 13.5 | 1.259 | 20.6 | 14.4 | 14.85 | 42.8108 | -78.8556 |
| 9/19/2016 8:25 | 12.55 | 71.19 | 0 | 0.051 | 0 | 0 | 0 | 0 | 69 | 13.4 | 2 | 20.5 | 14.4 | 14.65 | 42.8108 | -78.8556 |

| Timestamp (GMT-4) | Batt. Voltage (V) | Current (mA) | Low (ppm) | Peak (ppm) | STEL (ppm) | TWA (ppm) | VOC (ppm) | VOC (Avg15) (ppm) | Humidity (%) | Mass (µg/m³) | Particle size (µm) | Temperature (℃) | TWA (µg/m³) | Mass (Avg15) (µg/m³) | Latitude | Longitude |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 9/19/2016 8:24 | 12.53 | 83.2 | 0 | 0.051 | 0 | 0 | 0 | 0 | 69 | 26 | 1.752 | 20.6 | 14.3 | 14.5 | 42.8108 | -78.8556 |
| 9/19/2016 8:23 | 12.55 | 70.8 | 0 | 0.051 | 0 | 0 | 0 | 0 | 69 | 14.8 | 1.458 | 20.5 | 14.2 | 13.46 | 42.8108 | -78.8555 |
| 9/19/2016 8:22 | 12.56 | 69.77 | 0 | 0.051 | 0 | 0 | 0 | 0 | 70 | 14.6 | 2.245 | 20.4 | 14.2 | 13.09 | 42.8108 | -78.8555 |
| 9/19/2016 8:21 | 12.55 | 70.03 | 0 | 0.051 | 0 | 0 | 0 | 0 | 69 | 14.1 | 1.994 | 20.5 | 14.1 | 12.75 | 42.8108 | -78.8555 |
| 9/19/2016 8:20 | 12.56 | 68.6 | 0 | 0.051 | 0 | 0 | 0 | 0 | 70 | 14.8 | 2.227 | 20.4 | 14.1 | 12.4 | 42.8108 | -78.8555 |
| 9/19/2016 8:19 | 12.53 | 89.92 | 0 | 0.051 | 0 | 0 | 0 | 0 | 70 | 15.8 | 1.926 | 20.4 | 14 | 11.99 | 42.8108 | -78.8555 |
| 9/19/2016 8:18 | 12.55 | 68.6 | 0 | 0.051 | 0 | 0 | 0 | 0 | 69 | 15.7 | 1.581 | 20.3 | 14 | 11.63 | 42.8108 | -78.8556 |
| 9/19/2016 8:17 | 12.55 | 73.77 | 0 | 0.051 | 0 | 0 | 0 | 0 | 69 | 14.5 | 1.327 | 20.3 | 14 | 11.29 | 42.8108 | -78.8555 |
| 9/19/2016 8:16 | 12.54 | 77.13 | 0 | 0.051 | 0 | 0 | 0 | 0 | 69 | 10.6 | 1.483 | 20.2 | 14 | 11.02 | 42.8108 | -78.8556 |
| 9/19/2016 8:15 | 12.55 | 66.28 | 0 | 0.051 | 0 | 0 | 0 | 0 | 69 | 14.1 | 1.688 | 20.2 | 14 | 11.12 | 42.8108 | -78.8555 |
| 9/19/2016 8:14 | 12.53 | 75.97 | 0 | 0.051 | 0 | 0 | 0 | 0 | 70 | 17.1 | 1.349 | 20.2 | 14 | 11.04 | 42.8108 | -78.8555 |
| 9/19/2016 8:13 | 12.56 | 67.7 | 0 | 0.051 | 0 | 0 | 0 | 0 | 69 | 11.3 | 1.43 | 20.2 | 14.1 | 10.95 | 42.8108 | -78.8556 |
| 9/19/2016 8:12 | 12.55 | 66.41 | 0 | 0.051 | 0 | 0 | 0 | 0 | 70 | 12.5 | 1.209 | 20.1 | 14.1 | 11.67 | 42.8108 | -78.8556 |
| 9/19/2016 8:11 | 12.54 | 71.32 | 0 | 0.051 | 0 | 0 | 0 | 0 | 69 | 10.4 | 1.446 | 20.1 | 14.2 | 11.97 | 42.8108 | -78.8556 |
| 9/19/2016 8:10 | 12.55 | 72.48 | 0 | 0.051 | 0 | 0 | 0 | 0 | 69 | 11.2 | 1.149 | 20.1 | 14.3 | 12.67 | 42.8108 | -78.8555 |
| 9/19/2016 8:09 | 12.54 | 71.19 | 0 | 0.051 | 0 | 0 | 0 | 0 | 69 | 10.4 | 2.145 | 20 | 14.5 | 12.85 | 42.8108 | -78.8555 |
| 9/19/2016 8:08 | 12.55 | 69.77 | 0 | 0.051 | 0 | 0 | 0 | 0 | 69 | 9.3 | 1.591 | 20 | 14.6 | 13.13 | 42.8108 | -78.8555 |
| 9/19/2016 8:07 | 12.54 | 68.6 | 0 | 0.051 | 0 | 0 | 0 | 0 | 68 | 9.5 | 1.096 | 20 | 14.8 | 13.52 | 42.8108 | -78.8556 |
| 9/19/2016 8:06 | 12.54 | 70.93 | 0 | 0.051 | 0 | 0 | 0 | 0 | 68 | 8.8 | 1.121 | 20 | 15.1 | 13.93 | 42.8108 | -78.8555 |
| 9/19/2016 8:05 | 12.54 | 71.58 | 0 | 0.051 | 0 | 0 | 0 | 0 | 68 | 8.7 | 1.137 | 20 | 15.3 | 14.54 | 42.8108 | -78.8555 |
| 9/19/2016 8:04 | 12.55 | 67.44 | 0 | 0.051 | 0 | 0 | 0 | 0 | 69 | 10.4 | 1.204 | 20 | 15.5 | 14.86 | 42.8108 | -78.8555 |
| 9/19/2016 8:03 | 12.55 | 67.96 | 0 | 0.051 | 0 | 0 | 0 | 0 | 69 | 10.6 | 0.927 | 19.9 | 15.8 | 15.05 | 42.8108 | -78.8555 |
| 9/19/2016 8:02 | 12.53 | 70.8 | 0 | 0.051 | 0 | 0 | 0 | 0 | 69 | 10.4 | 1.008 | 20 | 16 | 15.35 | 42.8108 | -78.8555 |
| 9/19/2016 8:01 | 12.55 | 70.93 | 0 | 0.051 | 0 | 0 | 0 | 0 | 68 | 12.1 | 2.831 | 19.8 | 16.2 | 15.53 | 42.8108 | -78.8555 |
| 9/19/2016 8:00 | 12.53 | 71.96 | 0 | 0.051 | 0 | 0 | 0 | 0 | 68 | 12.9 | 1.792 | 19.9 | 16.4 | 15.59 | 42.8108 | -78.8555 |
| 9/19/2016 7:59 | 12.53 | 70.67 | 0 | 0.051 | 0 | 0 | 0 | 0 | 67 | 15.8 | 2.319 | 19.8 | 16.5 | 15.76 | 42.8108 | -78.8555 |
| 9/19/2016 7:58 | 12.53 | 71.58 | 0 | 0.051 | 0 | 0 | 0 | 0 | 68 | 22 | 4 | 19.8 | 16.5 | 15.79 | 42.8108 | -78.8555 |
| 9/19/2016 7:57 | 12.53 | 71.58 | 0 | 0.051 | 0 | 0 | 0 | 0 | 67 | 17.1 | 1.351 | 19.8 | 16.4 | 15.43 | 42.8108 | -78.8555 |
| 9/19/2016 7:56 | 12.54 | 67.83 | 0 | 0.051 | 0 | 0 | 0 | 0 | 67 | 20.9 | 2.813 | 19.8 | 16.2 | 15.22 | 42.8108 | -78.8556 |
| 9/19/2016 7:55 | 12.53 | 70.28 | 0 | 0.051 | 0 | 0 | 0 | 0 | 66 | 13.8 | 1.773 | 19.7 | 16.2 | 14.73 | 42.8108 | -78.8555 |
| 9/19/2016 7:54 | 12.53 | 74.81 | 0 | 0.051 | 0 | 0 | 0 | 0 | 66 | 14.7 | 1.325 | 19.7 | 16.3 | 14.79 | 42.8108 | -78.8555 |
| 9/19/2016 7:53 | 12.52 | 79.85 | 0 | 0.051 | 0 | 0 | 0 | 0 | 66 | 15.1 | 1.245 | 19.7 | 16.5 | 14.8 | 42.8108 | -78.8555 |
| 9/19/2016 7:52 | 12.53 | 71.06 | 0 | 0.051 | 0 | 0 | 0 | 0 | 65 | 15.7 | 1.808 | 19.7 | 16.6 | 14.78 | 42.8108 | -78.8555 |
| 9/19/2016 7:51 | 12.52 | 70.8 | 0 | 0.051 | 0 | 0 | 0 | 0 | 65 | 17.9 | 1.831 | 19.6 | 16.8 | 14.69 | 42.8108 | -78.8556 |
| 9/19/2016 7:50 | 12.54 | 69.38 | 0 | 0.051 | 0 | 0 | 0 | 0 | 64 | 13.5 | 1.654 | 19.6 | 17 | 14.37 | 42.8108 | -78.8556 |
| 9/19/2016 7:49 | 12.68 | 67.7 | 0 | 0.051 | 0 | 0 | 0 | 0 | 64 | 13.3 | 1.388 | 19.6 | 17.4 | 14.47 | 42.8108 | -78.8556 |
| 9/19/2016 7:48 | 12.68 | 65.25 | 0 | 0.051 | 0 | 0 | 0 | 0 | 63 | 15.1 | 1.714 | 19.6 | 17.8 | 14.61 | 42.8108 | -78.8556 |
| 9/19/2016 7:47 | 12.67 | 69.12 | 0 | 0.051 | 0 | 0 | 0 | 0 | 63 | 13 | 1.069 | 19.6 | 18.2 | 14.54 | 42.8108 | -78.8555 |
| 9/19/2016 7:46 | 12.68 | 67.05 | 0 | 0.051 | 0 | 0 | 0 | 0 | 62 | 13.1 | 1.38 | 19.5 | 19 | 14.8 | 42.8108 | -78.8555 |
| 9/19/2016 7:45 | 12.68 | 69.12 | 0 | 0.051 | 0 | 0 | 0 | 0 | 60 | 15.4 | 2.039 | 19.5 | 19.9 | 15.14 | 42.8108 | -78.8555 |
| 9/19/2016 7:44 | 12.67 | 69.64 | 0 | 0.051 | 0 | 0 | 0 | 0 | 59 | 16.2 | 2.138 | 19.5 | 21 | 15.08 | 42.8108 | -78.8555 |
| 9/19/2016 7:43 | 12.67 | 72.74 | 0 | 0.051 | 0 | 0 | 0 | 0 | 57 | 16.7 | 1.161 | 19.5 | 22.9 | 14.7 | 42.8108 | -78.8555 |
| 9/19/2016 7:42 | 12.68 | 66.67 | 0 | 0.051 | 0 | 0 | 0 | 0 | 54 | 13.9 | 0.934 | 19.5 | 27.8 | 13.7 | 42.8108 | -78.8555 |
| 9/19/2016 7:41 | 12.68 | 69.51 | 0 | 0.051 | 0 | 0 | 0 | 0 | 50 | 13.5 | 1.025 | 19.3 | 47.5 | 13.5 | 42.8108 | -78.8555 |
| 9/19/2016 7:40 | 12.73 | 69.25 | 0 | 0.051 | 0 | 0 | 0 | 0 |  |  |  |  | 0 |  | 42.8108 | -78.8555 |
| 9/19/2016 7:39 | 12.74 | 69.51 | 0 | 0.051 | 0 | 0 | 0 | 0 |  |  |  |  | 0 |  | 42.8108 | -78.8556 |

| Timestamp (GMT-4) | Batt. Voltage (V) | Current (mA) | Low (ppm) | Peak (ppm) | STEL (ppm) | TWA (ppm) | VOC (ppm) | VOC (Avg15) (ppm) | Humidity (%) | Mass (µg/m³) | Particle size (µm) | Temperature (°C) | TWA (µg/m³) | Mass (Avg15) (µg/m³) | Latitude | Longitude |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 9/19/2016 7:38 | 12.73 | 86.18 | 0 | 0.051 | 0 | 0 | 0 | 0 | | | | | 0 | | 42.8105 | -78.8556 |

| Timestamp (GMT-4) | Batt. Voltage (V) | Current (mA) | Low (ppm) | Peak (ppm) | STEL (ppm) | TWA (ppm) | VOC (ppm) | VOC (Avg15) (ppm) | Humidity (%) | Mass (µg/m³) | Particle size (µm) | Temperature (°C) | TWA (µg/m³) | Mass (Avg15) (µg/m³) | Latitude | Longitude |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 9/20/2016 15:04 | | | 0 | 0.033 | 0 | 0 | 0 | 0 | 45 | 14.5 | 1.369 | 34.2 | 28.6 | 22.65 | | |
| 9/20/2016 15:03 | 12.35 | 68.22 | 0 | 0.033 | 0 | 0 | 0 | 0 | 46 | 13.8 | 1.212 | 34.3 | 28.6 | 22.19 | 42.811 | -78.8536 |
| 9/20/2016 15:02 | 12.35 | 68.73 | 0 | 0.033 | 0 | 0 | 0 | 0 | 46 | 14.7 | 1.778 | 34.3 | 28.6 | 22.1 | 42.811 | -78.8536 |
| 9/20/2016 15:01 | 12.36 | 67.57 | 0 | 0.033 | 0 | 0 | 0 | 0 | 45 | 25 | 3.376 | 34.3 | 28.6 | 21.73 | 42.811 | -78.8536 |
| 9/20/2016 15:00 | 12.35 | 67.96 | 0 | 0.033 | 0 | 0 | 0 | 0 | 45 | 12.4 | 1.502 | 34.3 | 28.7 | 22.03 | 42.811 | -78.8536 |
| 9/20/2016 14:59 | 12.34 | 71.06 | 0 | 0.033 | 0 | 0 | 0 | 0 | 45 | 46.5 | 3.746 | 34.3 | 28.6 | 22.81 | 42.811 | -78.8536 |
| 9/20/2016 14:58 | 12.34 | 71.83 | 0 | 0.033 | 0 | 0 | 0 | 0 | 46 | 52.3 | 4 | 34.3 | 28.5 | 26.49 | 42.811 | -78.8536 |
| 9/20/2016 14:57 | 12.36 | 67.96 | 0 | 0.033 | 0 | 0 | 0 | 0 | 45 | 33.8 | 4 | 34.3 | 28.2 | 24.27 | 42.811 | -78.8536 |
| 9/20/2016 14:56 | 12.3 | 89.15 | 0 | 0.033 | 0 | 0 | 0 | 0 | 45 | 43.1 | 4 | 34.2 | 28 | 23.61 | 42.811 | -78.8536 |
| 9/20/2016 14:55 | 12.35 | 68.35 | 0 | 0.033 | 0 | 0 | 0 | 0 | 45 | 8.6 | 0.753 | 34.2 | 28 | 23.2 | 42.811 | -78.8536 |
| 9/20/2016 14:54 | 12.33 | 77.78 | 0 | 0.033 | 0 | 0 | 0 | 0 | 45 | 17.2 | 4 | 34.3 | 28 | 32.58 | 42.811 | -78.8536 |
| 9/20/2016 14:53 | 12.35 | 68.48 | 0 | 0.033 | 0 | 0 | 0 | 0 | 45 | 7.7 | 0.656 | 34.2 | 28 | 32.54 | 42.811 | -78.8536 |
| 9/20/2016 14:52 | 12.35 | 69.64 | 0 | 0.033 | 0 | 0 | 0 | 0 | 45 | 17.1 | 1.489 | 34.2 | 28 | 38.13 | 42.811 | -78.8536 |
| 9/20/2016 14:51 | 12.35 | 67.83 | 0 | 0.033 | 0 | 0 | 0 | 0 | 46 | 24.1 | 4 | 34.1 | 28 | 38.67 | 42.811 | -78.8536 |
| 9/20/2016 14:50 | 12.31 | 84.11 | 0 | 0.033 | 0 | 0 | 0 | 0 | 45 | 9 | 0.65 | 34.2 | 27.8 | 42.13 | 42.811 | -78.8536 |
| 9/20/2016 14:49 | 12.34 | 71.71 | 0 | 0.033 | 0 | 0 | 0 | 0 | 45 | 7.6 | 0.483 | 34.2 | 27.9 | 42.69 | 42.811 | -78.8536 |
| 9/20/2016 14:48 | 12.34 | 72.74 | 0 | 0.033 | 0 | 0 | 0 | 0 | 45 | 12.4 | 1.909 | 34.2 | 27.9 | 46.27 | 42.811 | -78.8536 |
| 9/20/2016 14:47 | 12.35 | 72.87 | 0 | 0.033 | 0 | 0 | 0 | 0 | 45 | 9.2 | 0.645 | 34.2 | 27.9 | 46.25 | 42.811 | -78.8536 |
| 9/20/2016 14:46 | 12.36 | 68.6 | 0 | 0.033 | 0 | 0 | 0 | 0 | 45 | 29.4 | 2.56 | 34.2 | 27.9 | 48.88 | 42.811 | -78.8536 |
| 9/20/2016 14:45 | 12.35 | 71.83 | 0 | 0.033 | 0 | 0 | 0 | 0 | 46 | 24.2 | 4 | 34.2 | 27.9 | 48.24 | 42.811 | -78.8536 |
| 9/20/2016 14:44 | 12.35 | 71.71 | 0 | 0.033 | 0 | 0 | 0 | 0 | 46 | 101.7 | 4 | 34.2 | 27.9 | 48.67 | 42.811 | -78.8536 |
| 9/20/2016 14:43 | 12.35 | 69.25 | 0 | 0.033 | 0 | 0 | 0 | 0 | 45 | 18.9 | 4 | 34.2 | 27.9 | 42.66 | 42.811 | -78.8536 |
| 9/20/2016 14:42 | 12.31 | 86.05 | 0 | 0.033 | 0 | 0 | 0 | 0 | 45 | 24 | 4 | 34.2 | 27.8 | 42.14 | 42.811 | -78.8536 |
| 9/20/2016 14:41 | 12.35 | 71.45 | 0 | 0.033 | 0 | 0 | 0 | 0 | 45 | 36.9 | 4 | 34.1 | 27.8 | 41.17 | 42.811 | -78.8536 |
| 9/20/2016 14:40 | 12.34 | 73.13 | 0 | 0.033 | 0 | 0 | 0 | 0 | 45 | 149.3 | 4 | 34.2 | 27.4 | 39.49 | 42.811 | -78.8536 |
| 9/20/2016 14:39 | 12.35 | 70.67 | 0 | 0.033 | 0 | 0 | 0 | 0 | 45 | 16.6 | 1.778 | 34.1 | 27.4 | 30.15 | 42.811 | -78.8536 |
| 9/20/2016 14:38 | 12.35 | 68.73 | 0 | 0.033 | 0 | 0 | 0 | 0 | 44 | 91.5 | 4 | 34.1 | 27.3 | 29.83 | 42.811 | -78.8536 |
| 9/20/2016 14:37 | 12.31 | 85.14 | 0 | 0.033 | 0 | 0 | 0 | 0 | 45 | 25.2 | 4 | 34.2 | 27.3 | 29.99 | 42.811 | -78.8536 |
| 9/20/2016 14:36 | 12.35 | 71.19 | 0 | 0.033 | 0 | 0 | 0 | 0 | 45 | 76.1 | 4 | 34.2 | 27.2 | 29.87 | 42.811 | -78.8536 |
| 9/20/2016 14:35 | 12.3 | 85.14 | 0 | 0.033 | 0 | 0 | 0 | 0 | 46 | 17.4 | 1.419 | 34.2 | 27.2 | 25.62 | 42.811 | -78.8536 |
| 9/20/2016 14:34 | 12.35 | 67.83 | 0 | 0.033 | 0 | 0 | 0 | 0 | 45 | 61.3 | 3.008 | 34.2 | 27.2 | 30.13 | 42.811 | -78.8536 |
| 9/20/2016 14:33 | 12.34 | 77.65 | 0 | 0.033 | 0 | 0 | 0 | 0 | 45 | 12 | 1.006 | 34.1 | 27.2 | 27.79 | 42.811 | -78.8536 |
| 9/20/2016 14:32 | 12.35 | 68.09 | 0 | 0.033 | 0 | 0 | 0 | 0 | 45 | 48.7 | 4 | 34.1 | 27.3 | 33.48 | 42.811 | -78.8536 |
| 9/20/2016 14:31 | 12.36 | 69.25 | 0 | 0.033 | 0 | 0 | 0 | 0 | 45 | 19.8 | 2.52 | 34.2 | 27.3 | 31.33 | 42.811 | -78.8536 |
| 9/20/2016 14:30 | 12.34 | 71.45 | 0 | 0.033 | 0 | 0 | 0 | 0 | 45 | 30.7 | 3.045 | 34.1 | 27.3 | 31.34 | 42.811 | -78.8536 |
| 9/20/2016 14:29 | 12.31 | 82.56 | 0 | 0.033 | 0 | 0 | 0 | 0 | 45 | 11.5 | 0.846 | 34.2 | 27.3 | 29.87 | 42.811 | -78.8536 |
| 9/20/2016 14:28 | 12.35 | 69.77 | 0 | 0.033 | 0 | 0 | 0 | 0 | 45 | 11.1 | 1.049 | 34.1 | 27.3 | 32.37 | 42.811 | -78.8536 |
| 9/20/2016 14:27 | 12.35 | 71.71 | 0 | 0.033 | 0 | 0 | 0 | 0 | 45 | 9.4 | 0.743 | 34.1 | 27.4 | 32.71 | 42.811 | -78.8536 |
| 9/20/2016 14:26 | 12.35 | 69.9 | 0 | 0.033 | 0 | 0 | 0 | 0 | 45 | 11.7 | 1.149 | 34.1 | 27.4 | 34.89 | 42.811 | -78.8536 |
| 9/20/2016 14:25 | 12.35 | 67.57 | 0 | 0.033 | 0 | 0 | 0 | 0 | 45 | 9.3 | 0.574 | 34.1 | 27.4 | 34.96 | 42.811 | -78.8536 |
| 9/20/2016 14:24 | 12.35 | 67.57 | 0 | 0.033 | 0 | 0 | 0 | 0 | 45 | 11.7 | 1.452 | 34.1 | 27.4 | 36.12 | 42.811 | -78.8536 |
| 9/20/2016 14:23 | 12.36 | 67.31 | 0 | 0.033 | 0 | 0 | 0 | 0 | 45 | 94 | 4 | 34.1 | 27.4 | 50.79 | 42.811 | -78.8536 |
| 9/20/2016 14:22 | 12.35 | 71.19 | 0 | 0.033 | 0 | 0 | 0 | 0 | 45 | 23.3 | 3.164 | 34.1 | 27.1 | 45.62 | 42.811 | -78.8536 |
| 9/20/2016 14:21 | 12.35 | 67.7 | 0 | 0.033 | 0 | 0 | 0 | 0 | 44 | 12.4 | 1.286 | 34.1 | 27.1 | 44.63 | 42.811 | -78.8536 |
| 9/20/2016 14:20 | 12.3 | 87.98 | 0 | 0.033 | 0 | 0 | 0 | 0 | 45 | 85 | 4 | 34.1 | 27.1 | 48.61 | 42.811 | -78.8536 |
| 9/20/2016 14:19 | 12.34 | 75.19 | 0 | 0.033 | 0 | 0 | 0 | 0 | 44 | 26.3 | 2.434 | 34.1 | 27.1 | 44.13 | 42.811 | -78.8536 |

| Timestamp (GMT-4) | Batt. Voltage (V) | Current (mA) | Low (ppm) | Peak (ppm) | STEL (ppm) | TWA (ppm) | VOC (ppm) | VOC (Avg15) (ppm) | Humidity (%) | Mass (µg/m³) | Particle size (µm) | Temperature (°C) | TWA (µg/m³) | Mass (Avg15) (µg/m³) | Latitude | Longitude |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 9/20/2016 14:18 | 12.36 | 67.57 | 0 | 0.033 | 0 | 0 | 0 | 0 | 45 | 97.3 | 4 | 34.1 | 27.1 | 43.13 | 42.811 | -78.8536 |
| 9/20/2016 14:17 | 12.35 | 71.71 | 0 | 0.033 | 0 | 0 | 0 | 0 | 45 | 16.4 | 2.673 | 34 | 26.9 | 38.18 | 42.811 | -78.8536 |
| 9/20/2016 14:16 | 12.35 | 68.48 | 0 | 0.033 | 0 | 0 | 0 | 0 | 44 | 20 | 1.506 | 34 | 26.9 | 43.83 | 42.811 | -78.8536 |
| 9/20/2016 14:15 | 12.34 | 70.67 | 0 | 0.033 | 0 | 0 | 0 | 0 | 45 | 8.7 | 0.915 | 34 | 27 | 43.66 | 42.811 | -78.8536 |
| 9/20/2016 14:14 | 12.35 | 73 | 0 | 0.033 | 0 | 0 | 0 | 0 | 44 | 48.9 | 2.097 | 34 | 27 | 43.8 | 42.811 | -78.8536 |
| 9/20/2016 14:13 | 12.37 | 66.93 | 0 | 0.033 | 0 | 0 | 0 | 0 | 45 | 16.3 | 2.04 | 34 | 27 | 41.14 | 42.811 | -78.8536 |
| 9/20/2016 14:12 | 12.35 | 70.54 | 0 | 0.033 | 0 | 0 | 0 | 0 | 45 | 42.1 | 4 | 34 | 27 | 40.6 | 42.811 | -78.8536 |
| 9/20/2016 14:11 | 12.36 | 67.31 | 0 | 0.033 | 0 | 0 | 0 | 0 | 45 | 12.7 | 1.173 | 34 | 27 | 38.7 | 42.811 | -78.8536 |
| 9/20/2016 14:10 | 12.35 | 70.41 | 0 | 0.033 | 0 | 0 | 0 | 0 | 44 | 26.7 | 1.743 | 34 | 27 | 38.71 | 42.811 | -78.8536 |
| 9/20/2016 14:09 | 12.35 | 69.64 | 0 | 0.033 | 0 | 0 | 0 | 0 | 44 | 231.8 | 4 | 34 | 26.9 | 37.45 | 42.811 | -78.8536 |
| 9/20/2016 14:08 | 12.35 | 74.03 | 0 | 0.033 | 0 | 0 | 0 | 0 | 44 | 16.4 | 1.187 | 34 | 26.8 | 22.81 | 42.811 | -78.8536 |
| 9/20/2016 14:07 | 12.33 | 77.39 | 0 | 0.033 | 0 | 0 | 0 | 0 | 45 | 8.4 | 0.649 | 34 | 26.9 | 22.58 | 42.811 | -78.8536 |
| 9/20/2016 14:06 | 12.31 | 83.59 | 0 | 0.033 | 0 | 0 | 0 | 0 | 44 | 72.1 | 1.843 | 34 | 26.9 | 23.12 | 42.811 | -78.8536 |
| 9/20/2016 14:05 | 12.35 | 70.28 | 0 | 0.033 | 0 | 0 | 0 | 0 | 44 | 17.8 | 1.133 | 33.8 | 26.9 | 19.33 | 42.811 | -78.8536 |
| 9/20/2016 14:04 | 12.35 | 68.22 | 0 | 0.033 | 0 | 0 | 0 | 0 | 44 | 11.4 | 1.821 | 34 | 26.9 | 19.86 | 42.811 | -78.8536 |
| 9/20/2016 14:03 | 12.37 | 67.57 | 0 | 0.033 | 0 | 0 | 0 | 0 | 43 | 23 | 4 | 34 | 26.9 | 22.37 | 42.811 | -78.8536 |
| 9/20/2016 14:02 | 12.36 | 67.31 | 0 | 0.033 | 0 | 0 | 0 | 0 | 44 | 101.2 | 4 | 33.9 | 26.6 | 27.68 | 42.811 | -78.8536 |
| 9/20/2016 14:01 | 12.36 | 67.83 | 0 | 0.033 | 0 | 0 | 0 | 0 | 44 | 17.4 | 1.077 | 33.9 | 26.6 | 24.25 | 42.811 | -78.8536 |
| 9/20/2016 14:00 | 12.34 | 74.29 | 0 | 0.033 | 0 | 0 | 0 | 0 | 45 | 10.8 | 1.029 | 33.8 | 26.6 | 26.31 | 42.811 | -78.8536 |
| 9/20/2016 13:59 | 12.35 | 71.19 | 0 | 0.033 | 0 | 0 | 0 | 0 | 44 | 9 | 0.704 | 33.8 | 26.7 | 32.38 | 42.811 | -78.8536 |
| 9/20/2016 13:58 | 12.36 | 70.41 | 0 | 0.033 | 0 | 0 | 0 | 0 | 44 | 8.2 | 0.885 | 33.9 | 26.7 | 33 | 42.811 | -78.8536 |
| 9/20/2016 13:57 | 12.35 | 69.64 | 0 | 0.033 | 0 | 0 | 0 | 0 | 44 | 13.6 | 1.922 | 33.8 | 26.7 | 33.19 | 42.811 | -78.8536 |
| 9/20/2016 13:56 | 12.35 | 70.41 | 0 | 0.033 | 0 | 0 | 0 | 0 | 44 | 12.8 | 1.007 | 33.7 | 26.6 | 37.45 | 42.811 | -78.8536 |
| 9/20/2016 13:55 | 12.37 | 68.73 | 0 | 0.033 | 0 | 0 | 0 | 0 | 44 | 7.9 | 0.597 | 33.8 | 26.7 | 40.63 | 42.811 | -78.8536 |
| 9/20/2016 13:54 | 12.32 | 84.5 | 0 | 0.033 | 0 | 0 | 0 | 0 | 45 | 12.2 | 1.052 | 33.8 | 26.7 | 43.22 | 42.811 | -78.8536 |
| 9/20/2016 13:53 | 12.35 | 70.67 | 0 | 0.033 | 0 | 0 | 0 | 0 | 44 | 12.9 | 1.157 | 33.8 | 26.7 | 42.87 | 42.811 | -78.8536 |
| 9/20/2016 13:52 | 12.35 | 68.86 | 0 | 0.033 | 0 | 0 | 0 | 0 | 43 | 16.5 | 0.871 | 33.8 | 26.8 | 42.97 | 42.811 | -78.8536 |
| 9/20/2016 13:51 | 12.35 | 70.93 | 0 | 0.033 | 0 | 0 | 0 | 0 | 44 | 15.3 | 2.557 | 33.8 | 26.8 | 42.35 | 42.811 | -78.8536 |
| 9/20/2016 13:50 | 12.35 | 71.45 | 0 | 0.033 | 0 | 0 | 0 | 0 | 44 | 25.7 | 3.803 | 33.7 | 26.8 | 41.99 | 42.811 | -78.8536 |
| 9/20/2016 13:49 | 12.36 | 68.48 | 0 | 0.033 | 0 | 0 | 0 | 0 | 44 | 49 | 4 | 33.8 | 26.8 | 40.81 | 42.811 | -78.8536 |
| 9/20/2016 13:48 | 12.31 | 88.5 | 0 | 0.033 | 0 | 0 | 0 | 0 | 43 | 102.7 | 4 | 33.7 | 26.8 | 38.37 | 42.811 | -78.8536 |
| 9/20/2016 13:47 | 12.35 | 70.54 | 0 | 0.033 | 0 | 0 | 0 | 0 | 43 | 49.8 | 4 | 33.7 | 26.7 | 32.15 | 42.811 | -78.8536 |
| 9/20/2016 13:46 | 12.36 | 68.35 | 0 | 0.033 | 0 | 0 | 0 | 0 | 44 | 48.2 | 4 | 33.7 | 26.6 | 29.45 | 42.811 | -78.8536 |
| 9/20/2016 13:45 | 12.35 | 74.16 | 0 | 0.033 | 0 | 0 | 0 | 0 | 44 | 101.9 | 4 | 33.7 | 26.6 | 27.77 | 42.811 | -78.8536 |
| 9/20/2016 13:44 | 12.36 | 67.7 | 0 | 0.033 | 0 | 0 | 0 | 0 | 44 | 18.3 | 4 | 33.7 | 26.5 | 22.2 | 42.811 | -78.8536 |
| 9/20/2016 13:43 | 12.33 | 78.81 | 0 | 0.033 | 0 | 0 | 0 | 0 | 44 | 11 | 1.316 | 33.7 | 26.5 | 22.06 | 42.811 | -78.8536 |
| 9/20/2016 13:42 | 12.36 | 67.44 | 0 | 0.033 | 0 | 0 | 0 | 0 | 44 | 77.5 | 4 | 33.7 | 26.5 | 22.39 | 42.811 | -78.8536 |
| 9/20/2016 13:41 | 12.35 | 71.32 | 0 | 0.033 | 0 | 0 | 0 | 0 | 44 | 60.6 | 4 | 33.7 | 26.4 | 18.41 | 42.811 | -78.8536 |
| 9/20/2016 13:40 | 12.35 | 70.8 | 0 | 0.033 | 0 | 0 | 0 | 0 | 44 | 46.7 | 4 | 33.6 | 26.3 | 14.89 | 42.811 | -78.8536 |
| 9/20/2016 13:39 | 12.37 | 69.25 | 0 | 0.033 | 0 | 0 | 0 | 0 | 43 | 6.9 | 0.604 | 33.6 | 26.3 | 13.08 | 42.811 | -78.8536 |
| 9/20/2016 13:38 | 12.36 | 67.57 | 0 | 0.033 | 0 | 0 | 0 | 0 | 43 | 14.4 | 1.22 | 33.6 | 26.3 | 13.11 | 42.811 | -78.8536 |
| 9/20/2016 13:37 | 12.35 | 69.25 | 0 | 0.033 | 0 | 0 | 0 | 0 | 44 | 7.2 | 0.56 | 33.6 | 26.4 | 12.57 | 42.811 | -78.8536 |
| 9/20/2016 13:36 | 12.36 | 68.22 | 0 | 0.033 | 0 | 0 | 0 | 0 | 44 | 10 | 0.976 | 33.5 | 26.4 | 12.69 | 42.811 | -78.8536 |
| 9/20/2016 13:35 | 12.35 | 68.99 | 0 | 0.033 | 0 | 0 | 0 | 0 | 43 | 7.9 | 0.617 | 33.6 | 26.4 | 12.7 | 42.811 | -78.8536 |
| 9/20/2016 13:34 | 12.35 | 71.45 | 0 | 0.033 | 0 | 0 | 0 | 0 | 43 | 12.4 | 1.523 | 33.4 | 26.5 | 13.25 | 42.811 | -78.8536 |
| 9/20/2016 13:33 | 12.35 | 68.6 | 0 | 0.033 | 0 | 0 | 0 | 0 | 44 | 9.4 | 2.321 | 33.5 | 26.5 | 12.97 | 42.811 | -78.8536 |

| Timestamp (GMT-4) | Batt. Voltage (V) | Current (mA) | Low (ppm) | Peak (ppm) | STEL (ppm) | TWA (ppm) | VOC (ppm) | VOC (Avg15) (ppm) | Humidity (%) | Mass (µg/m³) | Particle size (µm) | Temperature (°C) | TWA (µg/m³) | Mass (Avg15) (µg/m³) | Latitude | Longitude |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 9/20/2016 13:32 | 12.35 | 68.73 | 0 | 0.033 | 0 | 0 | 0 | 0 | 44 | 9.3 | 0.954 | 33.5 | 26.5 | 14.55 | 42.811 | -78.8536 |
| 9/20/2016 13:31 | 12.35 | 69.38 | 0 | 0.033 | 0 | 0 | 0 | 0 | 43 | 23.1 | 4 | 33.5 | 26.4 | 16.38 | 42.811 | -78.8536 |
| 9/20/2016 13:30 | 12.35 | 69.38 | 0 | 0.033 | 0 | 0 | 0 | 0 | 43 | 18.3 | 4 | 33.4 | 26.4 | 16.04 | 42.811 | -78.8536 |
| 9/20/2016 13:29 | 12.37 | 68.48 | 0 | 0.033 | 0 | 0 | 0 | 0 | 44 | 16.2 | 4 | 33.5 | 26.2 | 16.13 | 42.811 | -78.8536 |
| 9/20/2016 13:28 | 12.35 | 68.73 | 0 | 0.033 | 0 | 0 | 0 | 0 | 43 | 15.9 | 2.197 | 33.5 | 26 | 16.17 | 42.811 | -78.8536 |
| 9/20/2016 13:27 | 12.35 | 73.51 | 0 | 0.033 | 0 | 0 | 0 | 0 | 43 | 17.9 | 4 | 33.5 | 26 | 15.89 | 42.8109 | -78.8536 |
| 9/20/2016 13:26 | 12.35 | 71.71 | 0 | 0.033 | 0 | 0 | 0 | 0 | 43 | 7.7 | 1.581 | 33.3 | 26 | 15.19 | 42.8109 | -78.8536 |
| 9/20/2016 13:25 | 12.35 | 71.32 | 0 | 0.033 | 0 | 0 | 0 | 0 | 43 | 19.6 | 1.657 | 33.3 | 26 | 32.39 | 42.811 | -78.8536 |
| 9/20/2016 13:24 | 12.37 | 67.7 | 0 | 0.033 | 0 | 0 | 0 | 0 | 44 | 7.3 | 0.683 | 33.3 | 26 | 31.66 | 42.811 | -78.8536 |
| 9/20/2016 13:23 | 12.35 | 72.48 | 0 | 0.033 | 0 | 0 | 0 | 0 | 44 | 6.4 | 0.491 | 33.3 | 26 | 31.76 | 42.811 | -78.8536 |
| 9/20/2016 13:22 | 12.31 | 82.04 | 0 | 0.033 | 0 | 0 | 0 | 0 | 43 | 9 | 0.972 | 33.3 | 26.1 | 31.99 | 42.811 | -78.8536 |
| 9/20/2016 13:21 | 12.35 | 69.64 | 0 | 0.033 | 0 | 0 | 0 | 0 | 44 | 10.1 | 1.292 | 33.3 | 26.1 | 31.78 | 42.811 | -78.8536 |
| 9/20/2016 13:20 | 12.35 | 68.86 | 0 | 0.033 | 0 | 0 | 0 | 0 | 44 | 16.2 | 1.739 | 33.2 | 26.1 | 32.07 | 42.8109 | -78.8536 |
| 9/20/2016 13:19 | 12.35 | 69.38 | 0 | 0.033 | 0 | 0 | 0 | 0 | 44 | 8.1 | 0.684 | 33.2 | 26.1 | 31.95 | 42.811 | -78.8536 |
| 9/20/2016 13:18 | 12.35 | 71.32 | 0 | 0.033 | 0 | 0 | 0 | 0 | 44 | 33.1 | 4 | 33.2 | 26.1 | 31.78 | 42.811 | -78.8536 |
| 9/20/2016 13:17 | 12.36 | 68.73 | 0 | 0.033 | 0 | 0 | 0 | 0 | 43 | 36.8 | 4 | 33.3 | 26.1 | 30.03 | 42.811 | -78.8536 |
| 9/20/2016 13:16 | 12.35 | 68.09 | 0 | 0.033 | 0 | 0 | 0 | 0 | 44 | 18 | 4 | 33.2 | 26.1 | 27.99 | 42.8109 | -78.8536 |
| 9/20/2016 13:15 | 12.36 | 66.54 | 0 | 0.033 | 0 | 0 | 0 | 0 | 44 | 19.6 | 1.554 | 33.2 | 26.1 | 28.22 | 42.811 | -78.8536 |
| 9/20/2016 13:14 | 12.31 | 85.14 | 0 | 0.033 | 0 | 0 | 0 | 0 | 43 | 16.8 | 4 | 33.2 | 26.2 | 27.86 | 42.811 | -78.8536 |
| 9/20/2016 13:13 | 12.35 | 68.22 | 0 | 0.033 | 0 | 0 | 0 | 0 | 43 | 11.7 | 1.443 | 33.2 | 26.2 | 27.57 | 42.811 | -78.8536 |
| 9/20/2016 13:12 | 12.34 | 70.16 | 0 | 0.033 | 0 | 0 | 0 | 0 | 44 | 7.4 | 0.994 | 33.1 | 26.2 | 37.73 | 42.8109 | -78.8536 |
| 9/20/2016 13:11 | 12.35 | 69.64 | 0 | 0.033 | 0 | 0 | 0 | 0 | 44 | 265.7 | 4 | 33.1 | 26.2 | 39.9 | 42.8109 | -78.8536 |
| 9/20/2016 13:10 | 12.36 | 66.93 | 0 | 0.033 | 0 | 0 | 0 | 0 | 44 | 8.7 | 0.978 | 33 | 26 | 22.53 | 42.811 | -78.8536 |
| 9/20/2016 13:09 | 12.35 | 67.44 | 0 | 0.033 | 0 | 0 | 0 | 0 | 43 | 8.8 | 0.873 | 33 | 26.1 | 23.68 | 42.811 | -78.8536 |
| 9/20/2016 13:08 | 12.35 | 68.73 | 0 | 0.033 | 0 | 0 | 0 | 0 | 43 | 9.9 | 1.331 | 33 | 26.1 | 25.04 | 42.8109 | -78.8536 |
| 9/20/2016 13:07 | 12.35 | 69.9 | 0 | 0.033 | 0 | 0 | 0 | 0 | 44 | 5.8 | 0.56 | 33.1 | 26.2 | 30.67 | 42.8109 | -78.8536 |
| 9/20/2016 13:06 | 12.33 | 70.54 | 0 | 0.033 | 0 | 0 | 0 | 0 | 43 | 14.5 | 4 | 33 | 26.2 | 30.81 | 42.811 | -78.8536 |
| 9/20/2016 13:05 | 12.35 | 68.6 | 0 | 0.033 | 0 | 0 | 0 | 0 | 44 | 14.3 | 4 | 33 | 26.3 | 30.49 | 42.811 | -78.8536 |
| 9/20/2016 13:04 | 12.34 | 70.16 | 0 | 0.033 | 0 | 0 | 0 | 0 | 44 | 5.6 | 0.472 | 33 | 26.3 | 32.95 | 42.811 | -78.8536 |
| 9/20/2016 13:03 | 12.32 | 76.1 | 0 | 0.033 | 0 | 0 | 0 | 0 | 43 | 6.9 | 0.647 | 33 | 26.3 | 34.35 | 42.811 | -78.8536 |
| 9/20/2016 13:02 | 12.34 | 68.35 | 0 | 0.033 | 0 | 0 | 0 | 0 | 43 | 6.2 | 0.529 | 33 | 26.4 | 37.1 | 42.811 | -78.8536 |
| 9/20/2016 13:01 | 12.33 | 76.62 | 0 | 0.033 | 0 | 0 | 0 | 0 | 43 | 21.4 | 4 | 32.9 | 26.5 | 42.44 | 42.811 | -78.8536 |
| 9/20/2016 13:00 | 12.35 | 69.51 | 0 | 0.033 | 0 | 0 | 0 | 0 | 43 | 14.2 | 3.11 | 32.8 | 26.4 | 41.66 | 42.811 | -78.8536 |
| 9/20/2016 12:59 | 12.34 | 69.51 | 0 | 0.033 | 0 | 0 | 0 | 0 | 44 | 12.4 | 2.508 | 32.9 | 26.4 | 40.99 | 42.811 | -78.8536 |
| 9/20/2016 12:58 | 12.35 | 69.25 | 0 | 0.033 | 0 | 0 | 0 | 0 | 44 | 164.2 | 4 | 32.8 | 26.5 | 41.29 | 42.811 | -78.8536 |
| 9/20/2016 12:55 | 12.22 | 105.94 | 0 | 0.033 | 0 | 0 | 0 | 0 |  |  |  |  |  |  | 42.811 | -78.8536 |
| 9/20/2016 12:54 | 12.27 | 91.34 |  |  |  |  |  |  |  |  |  |  |  |  | 42.811 | -78.8536 |
| 9/20/2016 12:53 | 12.34 | 68.48 | 0 | 0.033 | 0 | 0 | 0 | 0 | 43 | 71.9 | 4 | 32.8 | 26.3 | 42.34 | 42.811 | -78.8536 |
| 9/20/2016 12:52 | 12.33 | 69.25 | 0 | 0.033 | 0 | 0 | 0 | 0 | 43 | 7.3 | 0.637 | 32.7 | 26.3 | 38.26 | 42.811 | -78.8536 |
| 9/20/2016 12:51 | 12.33 | 68.48 | 0 | 0.033 | 0 | 0 | 0 | 0 | 44 | 11 | 2.043 | 32.7 | 26.4 | 45.56 | 42.811 | -78.8536 |
| 9/20/2016 12:50 | 12.4 | 70.54 | 0 | 0.033 | 0 | 0 | 0 | 0 | 45 | 41.4 | 4 | 32.5 | 26.4 | 51.52 | 42.811 | -78.8536 |
| 9/20/2016 12:49 | 12.42 | 68.09 | 0 | 0.033 | 0 | 0 | 0 | 0 | 45 | 21 | 4 | 32.6 | 26.4 | 53.44 | 42.811 | -78.8536 |
| 9/20/2016 12:47 | 12.47 | 75.97 | 0 | 0.033 | 0 | 0 | 0 | 0 | 44 | 59.6 | 4 | 32.5 | 26.4 | 55.76 | 42.8107 | -78.854 |
| 9/20/2016 12:46 | 12.48 | 83.08 | 0 | 0.033 | 0 | 0 | 0 | 0 | 44 | 13.6 | 1.093 | 32.6 | 26.4 | 62.01 | 42.8107 | -78.854 |
| 9/20/2016 12:45 | 12.5 | 65.5 | 0 | 0.033 | 0 | 0 | 0 | 0 | 43 | 7.5 | 0.923 | 32.6 | 26.5 | 76.42 | 42.8107 | -78.854 |
| 9/20/2016 12:44 | 12.5 | 69.9 | 0 | 0.033 | 0 | 0 | 0 | 0 | 44 | 15.4 | 4 | 32.5 | 26.6 | 81.42 | 42.8107 | -78.854 |

| Timestamp (GMT-4) | Batt. Voltage (V) | Current (mA) | Low (ppm) | Peak (ppm) | STEL (ppm) | TWA (ppm) | VOC (ppm) | VOC (Avg15) (ppm) | Humidity (%) | Mass (µg/m³) | Particle size (µm) | Temperature (℃) | TWA (µg/m³) | Mass (Avg15) (µg/m³) | Latitude | Longitude |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 9/20/2016 12:43 | 12.5 | 72.87 | 0 | 0.033 | 0 | 0 | 0 | 0 | 43 | 46 | 4 | 32.4 | 26.4 | 84.46 | 42.8107 | -78.854 |
| 9/20/2016 12:42 | 12.5 | 68.09 | 0 | 0.033 | 0 | 0 | 0 | 0 | 44 | 55.7 | 4 | 32.4 | 26.2 | 82.45 | 42.8107 | -78.854 |
| 9/20/2016 12:41 | 12.5 | 70.41 | 0 | 0.033 | 0 | 0 | 0 | 0 | 44 | 72.6 | 4 | 32.4 | 26.1 | 83.41 | 42.8107 | -78.854 |
| 9/20/2016 12:40 | 12.5 | 67.83 | 0 | 0.033 | 0 | 0 | 0 | 0 | 44 | 159.6 | 4 | 32.3 | 26 | 80.81 | 42.8107 | -78.854 |
| 9/20/2016 12:39 | 12.5 | 65.12 | 0 | 0.033 | 0 | 0 | 0 | 0 | 44 | 10.2 | 4 | 32.3 | 25.9 | 78.99 | 42.8107 | -78.854 |
| 9/20/2016 12:38 | 12.5 | 70.93 | 0 | 0.033 | 0 | 0 | 0 | 0 | 44 | 14.8 | 4 | 32.3 | 25.9 | 79.81 | 42.8107 | -78.854 |
| 9/20/2016 12:37 | 12.5 | 73.26 | 0 | 0.033 | 0 | 0 | 0 | 0 | 44 | 109.5 | 4 | 32.3 | 25.7 | 90.96 | 42.8107 | -78.854 |
| 9/20/2016 12:36 | 12.5 | 67.7 | 0 | 0.033 | 0 | 0 | 0 | 0 | 44 | 94.4 | 4 | 32.2 | 25.4 | 86.73 | 42.8107 | -78.854 |
| 9/20/2016 12:35 | 12.48 | 86.05 | 0 | 0.033 | 0 | 0 | 0 | 0 | 44 | 68.2 | 4 | 32.3 | 25.2 | 81.23 | 42.8107 | -78.854 |
| 9/20/2016 12:34 | 12.5 | 66.41 | 0 | 0.033 | 0 | 0 | 0 | 0 | 45 | 39.9 | 4 | 32.2 | 25 | 77.13 | 42.8107 | -78.854 |
| 9/20/2016 12:33 | 12.5 | 70.67 | 0 | 0.033 | 0 | 0 | 0 | 0 | 44 | 69.4 | 4 | 32.2 | 24.8 | 75.07 | 42.8107 | -78.854 |
| 9/20/2016 12:32 | 12.49 | 68.6 | 0 | 0.033 | 0 | 0 | 0 | 0 | 44 | 153.3 | 4 | 32.2 | 24.3 | 70.95 | 42.8107 | -78.854 |
| 9/20/2016 12:31 | 12.5 | 71.83 | 0 | 0.033 | 0 | 0 | 0 | 0 | 45 | 229.8 | 2.85 | 32.1 | 23.9 | 61.15 | 42.8107 | -78.854 |
| 9/20/2016 12:30 | 12.5 | 65.89 | 0 | 0.033 | 0 | 0 | 0 | 0 | 44 | 82.5 | 4 | 32.1 | 23.7 | 46.91 | 42.8107 | -78.854 |
| 9/20/2016 12:29 | 12.49 | 69.25 | 0 | 0.033 | 0 | 0 | 0 | 0 | 45 | 61 | 4 | 32.1 | 23.4 | 41.77 | 42.8107 | -78.854 |
| 9/20/2016 12:28 | 12.48 | 77.65 | 0 | 0.033 | 0 | 0 | 0 | 0 | 43 | 15.9 | 2.173 | 32.1 | 23.3 | 39.74 | 42.8107 | -78.854 |
| 9/20/2016 12:27 | 12.5 | 68.86 | 0 | 0.033 | 0 | 0 | 0 | 0 | 45 | 70 | 4 | 32.1 | 23.2 | 48.87 | 42.8107 | -78.854 |
| 9/20/2016 12:26 | 12.5 | 70.16 | 0 | 0.033 | 0 | 0 | 0 | 0 | 45 | 33.7 | 4 | 31.9 | 23 | 45.32 | 42.8107 | -78.854 |
| 9/20/2016 12:25 | 12.5 | 66.41 | 0 | 0.033 | 0 | 0 | 0 | 0 | 44 | 132.2 | 4 | 32 | 22.6 | 44.11 | 42.8107 | -78.854 |
| 9/20/2016 12:24 | 12.5 | 66.67 | 0 | 0.033 | 0 | 0 | 0 | 0 | 46 | 22.6 | 4 | 32 | 22.3 | 44.37 | 42.8107 | -78.854 |
| 9/20/2016 12:23 | 12.5 | 65.12 | 0 | 0.033 | 0 | 0 | 0 | 0 | 45 | 182 | 4 | 32 | 22.2 | 59.53 | 42.8107 | -78.854 |
| 9/20/2016 12:22 | 12.5 | 70.41 | 0 | 0.033 | 0 | 0 | 0 | 0 | 44 | 46 | 4 | 31.9 | 22.1 | 49.56 | 42.8107 | -78.854 |
| 9/20/2016 12:21 | 12.5 | 65.63 | 0 | 0.033 | 0 | 0 | 0 | 0 | 45 | 11.9 | 1.983 | 31.8 | 21.9 | 47.09 | 42.8107 | -78.854 |
| 9/20/2016 12:20 | 12.49 | 75.84 | 0 | 0.033 | 0 | 0 | 0 | 0 | 45 | 6.7 | 0.587 | 31.8 | 22 | 65.6 | 42.8107 | -78.854 |
| 9/20/2016 12:19 | 12.5 | 67.57 | 0 | 0.033 | 0 | 0 | 0 | 0 | 46 | 9.1 | 1.044 | 31.7 | 22 | 65.75 | 42.8107 | -78.854 |
| 9/20/2016 12:18 | 12.5 | 70.28 | 0 | 0.033 | 0 | 0 | 0 | 0 | 45 | 7.5 | 0.493 | 31.7 | 22.1 | 84.59 | 42.8107 | -78.854 |
| 9/20/2016 12:17 | 12.5 | 74.81 | 0 | 0.033 | 0 | 0 | 0 | 0 | 45 | 6.4 | 0.593 | 31.7 | 22.1 | 95.99 | 42.8107 | -78.854 |
| 9/20/2016 12:16 | 12.48 | 90.57 | 0 | 0.033 | 0 | 0 | 0 | 0 | 45 | 16.1 | 0.895 | 31.7 | 22.2 | 96.16 | 42.8107 | -78.854 |
| 9/20/2016 12:15 | 12.5 | 68.86 | 0 | 0.033 | 0 | 0 | 0 | 0 | 45 | 5.5 | 0.479 | 31.6 | 22.2 | 99.25 | 42.8107 | -78.854 |
| 9/20/2016 12:14 | 12.5 | 70.41 | 0 | 0.033 | 0 | 0 | 0 | 0 | 46 | 30.5 | 4 | 31.6 | 22.3 | 99.69 | 42.8107 | -78.854 |
| 9/20/2016 12:13 | 12.5 | 71.19 | 0 | 0.033 | 0 | 0 | 0 | 0 | 45 | 152.8 | 4 | 31.7 | 22.2 | 98.17 | 42.8107 | -78.854 |
| 9/20/2016 12:12 | 12.49 | 69.9 | 0 | 0.033 | 0 | 0 | 0 | 0 | 45 | 16.8 | 2.902 | 31.6 | 21.8 | 90.91 | 42.8107 | -78.854 |
| 9/20/2016 12:11 | 12.49 | 74.29 | 0 | 0.033 | 0 | 0 | 0 | 0 | 44 | 15.5 | 4 | 31.6 | 21.7 | 91.15 | 42.8107 | -78.854 |
| 9/20/2016 12:10 | 12.48 | 82.43 | 0 | 0.033 | 0 | 0 | 0 | 0 | 45 | 136.1 | 4 | 31.5 | 21.7 | 91.58 | 42.8107 | -78.854 |
| 9/20/2016 12:09 | 12.5 | 67.83 | 0 | 0.033 | 0 | 0 | 0 | 0 | 44 | 250 | 4 | 31.5 | 21.4 | 82.93 | 42.8107 | -78.854 |
| 9/20/2016 12:08 | 12.48 | 84.37 | 0 | 0.033 | 0 | 0 | 0 | 0 | 45 | 32.5 | 4 | 31.5 | 21.3 | 73.71 | 42.8107 | -78.854 |
| 9/20/2016 12:07 | 12.5 | 67.7 | 0 | 0.033 | 0 | 0 | 0 | 0 | 45 | 8.9 | 0.757 | 31.5 | 20.9 | 74.03 | 42.8107 | -78.854 |
| 9/20/2016 12:06 | 12.5 | 68.48 | 0 | 0.033 | 0 | 0 | 0 | 0 | 45 | 289.6 | 4 | 31.5 | 20.7 | 74.16 | 42.8107 | -78.854 |
| 9/20/2016 12:05 | 12.49 | 71.45 | 0 | 0.033 | 0 | 0 | 0 | 0 | 46 | 8.9 | 0.738 | 31.5 | 20.4 | 65.57 | 42.8107 | -78.854 |
| 9/20/2016 12:04 | 12.5 | 73.13 | 0 | 0.033 | 0 | 0 | 0 | 0 | 46 | 291.8 | 4 | 31.3 | 20.4 | 66.58 | 42.8107 | -78.854 |
| 9/20/2016 12:03 | 12.5 | 68.6 | 0 | 0.033 | 0 | 0 | 0 | 0 | 45 | 178.4 | 4 | 31.3 | 20.1 | 47.57 | 42.8107 | -78.854 |
| 9/20/2016 12:02 | 12.5 | 73 | 0 | 0.033 | 0 | 0 | 0 | 0 | 46 | 9 | 0.704 | 31.3 | 20 | 36.23 | 42.8107 | -78.854 |
| 9/20/2016 12:01 | 12.49 | 74.94 | 0 | 0.033 | 0 | 0 | 0 | 0 | 46 | 62.4 | 4 | 31.3 | 20 | 36.44 | 42.8107 | -78.854 |
| 9/20/2016 12:00 | 12.5 | 71.19 | 0 | 0.033 | 0 | 0 | 0 | 0 | 46 | 12.2 | 1.053 | 31.2 | 19.9 | 32.83 | 42.8107 | -78.854 |
| 9/20/2016 11:59 | 12.5 | 69.38 | 0 | 0.033 | 0 | 0 | 0 | 0 | 45 | 7.7 | 0.888 | 31.2 | 19.9 | 32.42 | 42.8107 | -78.854 |
| 9/20/2016 11:58 | 12.5 | 71.32 | 0 | 0.033 | 0 | 0 | 0 | 0 | 46 | 43.8 | 4 | 31.2 | 19.9 | 32.63 | 42.8107 | -78.854 |

| Timestamp (GMT-4) | Batt. Voltage (V) | Current (mA) | Low (ppm) | Peak (ppm) | STEL (ppm) | TWA (ppm) | VOC (ppm) | VOC (Avg15) (ppm) | Humidity (%) | Mass (µg/m³) | Particle size (µm) | Temperature (°C) | TWA (µg/m³) | Mass (Avg15) (µg/m³) | Latitude | Longitude |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 9/20/2016 11:57 | 12.5 | 70.67 | 0 | 0.033 | 0 | 0 | 0 | 0 | 45 | 20.4 | 4 | 31.1 | 19.8 | 31.95 | 42.8107 | -78.854 |
| 9/20/2016 11:56 | 12.5 | 74.16 | 0 | 0.033 | 0 | 0 | 0 | 0 | 46 | 22 | 4 | 31.2 | 19.6 | 30.99 | 42.8107 | -78.854 |
| 9/20/2016 11:55 | 12.5 | 67.44 | 0 | 0.033 | 0 | 0 | 0 | 0 | 45 | 6.4 | 0.638 | 31.1 | 19.1 | 29.94 | 42.8107 | -78.854 |
| 9/20/2016 11:54 | 12.48 | 84.63 | 0 | 0.033 | 0 | 0 | 0 | 0 | 46 | 111.7 | 4 | 31.1 | 19 | 29.87 | 42.8107 | -78.854 |
| 9/20/2016 11:53 | 12.49 | 70.16 | 0 | 0.033 | 0 | 0 | 0 | 0 | 46 | 37.3 | 4 | 31.1 | 18.9 | 22.88 | 42.8107 | -78.854 |
| 9/20/2016 11:52 | 12.5 | 68.22 | 0 | 0.033 | 0 | 0 | 0 | 0 | 47 | 10.8 | 4 | 31 | 18.8 | 20.85 | 42.8107 | -78.854 |
| 9/20/2016 11:51 | 12.48 | 85.27 | 0 | 0.033 | 0 | 0 | 0 | 0 | 47 | 160.7 | 1.703 | 31.1 | 18.7 | 20.63 | 42.8107 | -78.854 |
| 9/20/2016 11:50 | 12.5 | 70.16 | 0 | 0.033 | 0 | 0 | 0 | 0 | 47 | 24.1 | 4 | 31 | 18.5 | 10.35 | 42.8107 | -78.854 |
| 9/20/2016 11:49 | 12.5 | 68.09 | 0 | 0.033 | 0 | 0 | 0 | 0 | 46 | 6.7 | 0.443 | 31 | 18.5 | 9.3 | 42.8107 | -78.854 |
| 9/20/2016 11:48 | 12.5 | 68.86 | 0 | 0.033 | 0 | 0 | 0 | 0 | 46 | 8.2 | 1.231 | 30.9 | 18.5 | 9.35 | 42.8107 | -78.854 |
| 9/20/2016 11:47 | 12.48 | 84.11 | 0 | 0.033 | 0 | 0 | 0 | 0 | 46 | 12.2 | 1.461 | 30.8 | 18.5 | 9.49 | 42.8107 | -78.854 |
| 9/20/2016 11:46 | 12.5 | 71.58 | 0 | 0.033 | 0 | 0 | 0 | 0 | 46 | 8.3 | 1.003 | 30.8 | 18.6 | 9.27 | 42.8107 | -78.854 |
| 9/20/2016 11:45 | 12.5 | 67.31 | 0 | 0.033 | 0 | 0 | 0 | 0 | 46 | 6 | 0.485 | 30.8 | 18.6 | 9.93 | 42.8107 | -78.854 |
| 9/20/2016 11:44 | 12.5 | 67.44 | 0 | 0.033 | 0 | 0 | 0 | 0 | 46 | 10.9 | 1.643 | 30.8 | 18.6 | 10.15 | 42.8107 | -78.854 |
| 9/20/2016 11:43 | 12.5 | 66.41 | 0 | 0.033 | 0 | 0 | 0 | 0 | 46 | 33.5 | 4 | 30.7 | 18.6 | 9.85 | 42.8107 | -78.854 |
| 9/20/2016 11:42 | 12.5 | 69.51 | 0 | 0.033 | 0 | 0 | 0 | 0 | 47 | 6 | 0.565 | 30.7 | 18.6 | 7.98 | 42.8107 | -78.854 |
| 9/20/2016 11:41 | 12.49 | 74.16 | 0 | 0.033 | 0 | 0 | 0 | 0 | 46 | 6.3 | 0.488 | 30.7 | 18.7 | 7.93 | 42.8107 | -78.854 |
| 9/20/2016 11:40 | 12.5 | 71.58 | 0 | 0.033 | 0 | 0 | 0 | 0 | 47 | 5.4 | 0.481 | 30.7 | 18.7 | 7.99 | 42.8107 | -78.854 |
| 9/20/2016 11:39 | 12.48 | 90.31 | 0 | 0.033 | 0 | 0 | 0 | 0 | 47 | 6.8 | 0.558 | 30.6 | 18.8 | 8.37 | 42.8107 | -78.854 |
| 9/20/2016 11:38 | 12.5 | 69.25 | 0 | 0.033 | 0 | 0 | 0 | 0 | 47 | 6.8 | 0.716 | 30.5 | 18.8 | 9.89 | 42.8107 | -78.854 |
| 9/20/2016 11:37 | 12.5 | 66.8 | 0 | 0.033 | 0 | 0 | 0 | 0 | 47 | 7.5 | 0.516 | 30.6 | 18.9 | 21.29 | 42.8107 | -78.854 |
| 9/20/2016 11:36 | 12.48 | 74.03 | 0 | 0.033 | 0 | 0 | 0 | 0 | 46 | 6.5 | 0.506 | 30.5 | 18.9 | 21.99 | 42.8107 | -78.854 |
| 9/20/2016 11:35 | 12.48 | 82.82 | 0 | 0.033 | 0 | 0 | 0 | 0 | 47 | 8.4 | 0.939 | 30.4 | 19 | 22.17 | 42.8107 | -78.854 |
| 9/20/2016 11:34 | 12.5 | 74.16 | 0 | 0.033 | 0 | 0 | 0 | 0 | 46 | 7.4 | 0.607 | 30.4 | 19 | 39.12 | 42.8107 | -78.854 |
| 9/20/2016 11:33 | 12.5 | 79.46 | 0 | 0.033 | 0 | 0 | 0 | 0 | 46 | 10.3 | 1.208 | 30.4 | 19 | 41.06 | 42.8107 | -78.854 |
| 9/20/2016 11:32 | 12.5 | 68.86 | 0 | 0.033 | 0 | 0 | 0 | 0 | 46 | 9 | 0.629 | 30.5 | 19.1 | 41.06 | 42.8107 | -78.854 |
| 9/20/2016 11:31 | 12.48 | 86.05 | 0 | 0.033 | 0 | 0 | 0 | 0 | 47 | 18.1 | 4 | 30.4 | 19.1 | 40.95 | 42.8107 | -78.854 |
| 9/20/2016 11:30 | 12.5 | 70.41 | 0 | 0.033 | 0 | 0 | 0 | 0 | 47 | 9.4 | 0.701 | 30.3 | 19.1 | 45.6 | 42.8107 | -78.854 |
| 9/20/2016 11:29 | 12.49 | 76.62 | 0 | 0.033 | 0 | 0 | 0 | 0 | 47 | 6.3 | 0.54 | 30.2 | 19.2 | 46.15 | 42.8107 | -78.8541 |
| 9/20/2016 11:28 | 12.49 | 69.64 | 0 | 0.033 | 0 | 0 | 0 | 0 | 47 | 5.5 | 0.558 | 30.2 | 19.2 | 46.49 | 42.8107 | -78.854 |
| 9/20/2016 11:27 | 12.47 | 88.37 | 0 | 0.033 | 0 | 0 | 0 | 0 | 47 | 5.3 | 0.516 | 30.2 | 19.3 | 46.7 | 42.8107 | -78.854 |
| 9/20/2016 11:26 | 12.5 | 68.6 | 0 | 0.033 | 0 | 0 | 0 | 0 | 47 | 7.2 | 0.816 | 30.2 | 19.3 | 66.49 | 42.8107 | -78.854 |
| 9/20/2016 11:25 | 12.5 | 72.48 | 0 | 0.033 | 0 | 0 | 0 | 0 | 47 | 11 | 1.661 | 30.2 | 19.3 | 67.88 | 42.8107 | -78.854 |
| 9/20/2016 11:24 | 12.49 | 69.12 | 0 | 0.033 | 0 | 0 | 0 | 0 | 48 | 29.7 | 4 | 30.1 | 19.3 | 69.88 | 42.8107 | -78.854 |
| 9/20/2016 11:23 | 12.49 | 73.13 | 0 | 0.033 | 0 | 0 | 0 | 0 | 48 | 177.7 | 4 | 30.1 | 19.3 | 72.97 | 42.8107 | -78.854 |
| 9/20/2016 11:22 | 12.5 | 67.44 | 0 | 0.033 | 0 | 0 | 0 | 0 | 48 | 18 | 4 | 30 | 19.2 | 77.36 | 42.8107 | -78.854 |
| 9/20/2016 11:21 | 12.49 | 74.81 | 0 | 0.033 | 0 | 0 | 0 | 0 | 48 | 9.2 | 1.368 | 30 | 19.1 | 77.97 | 42.8107 | -78.854 |
| 9/20/2016 11:20 | 12.5 | 71.96 | 0 | 0.033 | 0 | 0 | 0 | 0 | 47 | 262.7 | 4 | 29.9 | 19 | 79.75 | 42.8107 | -78.854 |
| 9/20/2016 11:19 | 12.5 | 72.48 | 0 | 0.033 | 0 | 0 | 0 | 0 | 47 | 36.5 | 4 | 29.8 | 18.9 | 64.73 | 42.8107 | -78.854 |
| 9/20/2016 11:18 | 12.49 | 71.71 | 0 | 0.033 | 0 | 0 | 0 | 0 | 47 | 10.3 | 2.661 | 29.9 | 18.7 | 66.5 | 42.8107 | -78.854 |
| 9/20/2016 11:17 | 12.5 | 72.48 | 0 | 0.033 | 0 | 0 | 0 | 0 | 48 | 7.4 | 0.656 | 29.8 | 18.6 | 71.76 | 42.8107 | -78.854 |
| 9/20/2016 11:16 | 12.5 | 66.8 | 0 | 0.033 | 0 | 0 | 0 | 0 | 47 | 87.8 | 4 | 29.7 | 18.5 | 74.95 | 42.8107 | -78.854 |
| 9/20/2016 11:15 | 12.48 | 69.12 | 0 | 0.033 | 0 | 0 | 0 | 0 | 48 | 17.6 | 4 | 29.8 | 18.4 | 70.95 | 42.8107 | -78.854 |
| 9/20/2016 11:14 | 12.5 | 68.73 | 0 | 0.033 | 0 | 0 | 0 | 0 | 48 | 11.4 | 4 | 29.7 | 18 | 76.57 | 42.8107 | -78.854 |
| 9/20/2016 11:13 | 12.5 | 68.48 | 0 | 0.033 | 0 | 0 | 0 | 0 | 48 | 8.7 | 1.403 | 29.6 | 18 | 76.17 | 42.8107 | -78.854 |
| 9/20/2016 11:12 | 12.5 | 65.37 | 0 | 0.033 | 0 | 0 | 0 | 0 | 48 | 302.1 | 3.603 | 29.7 | 18 | 78.8 | 42.8107 | -78.854 |

| Timestamp (GMT-4) | Batt. Voltage (V) | Current (mA) | Low (ppm) | Peak (ppm) | STEL (ppm) | TWA (ppm) | VOC (ppm) | VOC (Avg15) (ppm) | Humidity (%) | Mass (µg/m³) | Particle size (µm) | Temperature (°C) | TWA (µg/m³) | Mass (Avg15) (µg/m³) | Latitude | Longitude |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 9/20/2016 11:11 | 12.48 | 82.69 | 0 | 0.033 | 0 | 0 | 0 | 0 | 49 | 28.1 | 4 | 29.5 | 17.7 | 59.12 | 42.8107 | -78.854 |
| 9/20/2016 11:10 | 12.5 | 68.09 | 0 | 0.033 | 0 | 0 | 0 | 0 | 48 | 41 | 4 | 29.6 | 17.5 | 57.73 | 42.8107 | -78.854 |
| 9/20/2016 11:09 | 12.5 | 76.23 | 0 | 0.033 | 0 | 0 | 0 | 0 | 48 | 76.1 | 3.578 | 29.5 | 17.4 | 56.52 | 42.8107 | -78.854 |
| 9/20/2016 11:08 | 12.5 | 69.25 | 0 | 0.033 | 0 | 0 | 0 | 0 | 49 | 243.5 | 4 | 29.5 | 17.3 | 52.69 | 42.8107 | -78.854 |
| 9/20/2016 11:07 | 12.48 | 74.94 | 0 | 0.033 | 0 | 0 | 0 | 0 | 49 | 27.2 | 4 | 29.5 | 16.9 | 51.57 | 42.8107 | -78.854 |
| 9/20/2016 11:06 | 12.49 | 67.18 | 0 | 0.033 | 0 | 0 | 0 | 0 | 49 | 35.8 | 4 | 29.3 | 16.7 | 53.37 | 42.8107 | -78.854 |
| 9/20/2016 11:05 | 12.48 | 71.45 | 0 | 0.033 | 0 | 0 | 0 | 0 | 49 | 37.5 | 4 | 29.3 | 16.2 | 51.44 | 42.8107 | -78.854 |
| 9/20/2016 11:04 | 12.49 | 69.38 | 0 | 0.033 | 0 | 0 | 0 | 0 | 50 | 63 | 4 | 29.2 | 15.9 | 51.56 | 42.8107 | -78.854 |
| 9/20/2016 11:03 | 12.5 | 69.25 | 0 | 0.033 | 0 | 0 | 0 | 0 | 49 | 89.2 | 4 | 29.2 | 15.8 | 48.05 | 42.8107 | -78.854 |
| 9/20/2016 11:02 | 12.5 | 68.48 | 0 | 0.033 | 0 | 0 | 0 | 0 | 49 | 55.2 | 4 | 29.2 | 15.4 | 42.53 | 42.8107 | -78.854 |
| 9/20/2016 11:01 | 12.5 | 66.93 | 0 | 0.033 | 0 | 0 | 0 | 0 | 50 | 27.9 | 4 | 29 | 15.2 | 42.47 | 42.8107 | -78.854 |
| 9/20/2016 11:00 | 12.5 | 67.7 | 0 | 0.033 | 0 | 0 | 0 | 0 | 49 | 101.8 | 4 | 29.1 | 14.9 | 47.23 | 42.8107 | -78.854 |
| 9/20/2016 10:59 | 12.49 | 69.9 | 0 | 0.033 | 0 | 0 | 0 | 0 | 50 | 5.5 | 0.469 | 29 | 14.8 | 42.07 | 42.8107 | -78.854 |
| 9/20/2016 10:58 | 12.5 | 68.35 | 0 | 0.033 | 0 | 0 | 0 | 0 | 50 | 48.1 | 2.189 | 29 | 14.8 | 43.21 | 42.8107 | -78.854 |
| 9/20/2016 10:57 | 12.5 | 68.99 | 0 | 0.033 | 0 | 0 | 0 | 0 | 49 | 6.9 | 0.793 | 29 | 14.8 | 40.37 | 42.8107 | -78.854 |
| 9/20/2016 10:56 | 12.49 | 77 | 0 | 0.033 | 0 | 0 | 0 | 0 | 50 | 7.2 | 0.566 | 28.8 | 14.8 | 40.36 | 42.8107 | -78.854 |
| 9/20/2016 10:55 | 12.48 | 86.05 | 0 | 0.033 | 0 | 0 | 0 | 0 | 49 | 22.9 | 1.775 | 28.9 | 14.8 | 42.61 | 42.8107 | -78.854 |
| 9/20/2016 10:54 | 12.48 | 85.53 | 0 | 0.033 | 0 | 0 | 0 | 0 | 50 | 18.6 | 3.184 | 28.8 | 14.8 | 41.53 | 42.8107 | -78.854 |
| 9/20/2016 10:53 | 12.5 | 66.8 | 0 | 0.033 | 0 | 0 | 0 | 0 | 50 | 226.8 | 4 | 28.8 | 14.7 | 42.93 | 42.8107 | -78.854 |
| 9/20/2016 10:52 | 12.5 | 65.76 | 0 | 0.033 | 0 | 0 | 0 | 0 | 49 | 54.2 | 4 | 28.8 | 14.4 | 31.44 | 42.8107 | -78.854 |
| 9/20/2016 10:51 | 12.48 | 73.13 | 0 | 0.033 | 0 | 0 | 0 | 0 | 50 | 6.8 | 0.662 | 28.6 | 14.1 | 28.21 | 42.8107 | -78.854 |
| 9/20/2016 10:50 | 12.48 | 70.67 | 0 | 0.033 | 0 | 0 | 0 | 0 | 49 | 39.3 | 4 | 28.6 | 14.1 | 28.11 | 42.8107 | -78.854 |
| 9/20/2016 10:49 | 12.48 | 79.07 | 0 | 0.033 | 0 | 0 | 0 | 0 | 50 | 10.3 | 2.109 | 28.6 | 13.9 | 25.85 | 42.8107 | -78.854 |
| 9/20/2016 10:48 | 12.49 | 73.64 | 0 | 0.033 | 0 | 0 | 0 | 0 | 50 | 6.5 | 0.748 | 28.5 | 13.6 | 25.67 | 42.8107 | -78.854 |
| 9/20/2016 10:47 | 12.49 | 70.8 | 0 | 0.033 | 0 | 0 | 0 | 0 | 50 | 54.2 | 4 | 28.5 | 13.5 | 26.52 | 42.8107 | -78.854 |
| 9/20/2016 10:46 | 12.49 | 71.45 | 0 | 0.033 | 0 | 0 | 0 | 0 | 50 | 99.3 | 4 | 28.4 | 13.3 | 23.28 | 42.8107 | -78.854 |
| 9/20/2016 10:45 | 12.49 | 68.09 | 0 | 0.033 | 0 | 0 | 0 | 0 | 50 | 24.4 | 4 | 28.4 | 13.1 | 17.05 | 42.8107 | -78.854 |
| 9/20/2016 10:44 | 12.5 | 72.87 | 0 | 0.033 | 0 | 0 | 0 | 0 | 49 | 22.6 | 1.306 | 28.3 | 12.8 | 31.93 | 42.8107 | -78.854 |
| 9/20/2016 10:43 | 12.5 | 65.12 | 0 | 0.033 | 0 | 0 | 0 | 0 | 50 | 5.6 | 0.426 | 28.2 | 12.9 | 30.77 | 42.8107 | -78.854 |
| 9/20/2016 10:42 | 12.48 | 81.78 | 0 | 0.033 | 0 | 0 | 0 | 0 | 51 | 6.7 | 0.762 | 28.3 | 12.9 | 30.78 | 42.8107 | -78.854 |
| 9/20/2016 10:41 | 12.49 | 71.32 | 0 | 0.033 | 0 | 0 | 0 | 0 | 50 | 41 | 4 | 28.2 | 12.9 | 30.74 | 42.8107 | -78.854 |
| 9/20/2016 10:40 | 12.48 | 82.69 | 0 | 0.033 | 0 | 0 | 0 | 0 | 50 | 6.6 | 0.706 | 28.1 | 12.5 | 28.55 | 42.8107 | -78.854 |
| 9/20/2016 10:39 | 12.49 | 73.64 | 0 | 0.033 | 0 | 0 | 0 | 0 | 50 | 39.7 | 4 | 28.1 | 12.4 | 28.43 | 42.8107 | -78.854 |
| 9/20/2016 10:38 | 12.48 | 84.11 | 0 | 0.033 | 0 | 0 | 0 | 0 | 50 | 54.4 | 1.369 | 28 | 12.1 | 26.11 | 42.8107 | -78.854 |
| 9/20/2016 10:37 | 12.5 | 69.9 | 0 | 0.033 | 0 | 0 | 0 | 0 | 50 | 5.7 | 0.704 | 28 | 12.1 | 22.78 | 42.8107 | -78.854 |
| 9/20/2016 10:36 | 12.5 | 68.73 | 0 | 0.033 | 0 | 0 | 0 | 0 | 52 | 5.4 | 0.465 | 28 | 12.1 | 22.77 | 42.8107 | -78.854 |
| 9/20/2016 10:35 | 12.48 | 74.03 | 0 | 0.033 | 0 | 0 | 0 | 0 | 51 | 5.4 | 0.535 | 27.9 | 12.1 | 22.8 | 42.8107 | -78.854 |
| 9/20/2016 10:34 | 12.49 | 71.19 | 0 | 0.033 | 0 | 0 | 0 | 0 | 50 | 7.5 | 0.487 | 27.9 | 12.1 | 22.83 | 42.8107 | -78.854 |
| 9/20/2016 10:33 | 12.49 | 69.38 | 0 | 0.033 | 0 | 0 | 0 | 0 | 50 | 19.3 | 1.97 | 27.8 | 12.2 | 23.1 | 42.8107 | -78.854 |
| 9/20/2016 10:32 | 12.5 | 68.35 | 0 | 0.033 | 0 | 0 | 0 | 0 | 50 | 5.6 | 0.485 | 27.7 | 11.6 | 22.19 | 42.8107 | -78.854 |
| 9/20/2016 10:31 | 12.5 | 66.67 | 0 | 0.033 | 0 | 0 | 0 | 0 | 50 | 5.9 | 0.534 | 27.7 | 11.6 | 22.17 | 42.8107 | -78.854 |
| 9/20/2016 10:30 | 12.5 | 68.35 | 0 | 0.033 | 0 | 0 | 0 | 0 | 50 | 247.6 | 2.064 | 27.7 | 11.5 | 22.12 | 42.8107 | -78.854 |
| 9/20/2016 10:29 | 12.48 | 84.37 | 0 | 0.033 | 0 | 0 | 0 | 0 | 51 | 5.2 | 0.38 | 27.6 | 11.3 | 5.97 | 42.8107 | -78.854 |
| 9/20/2016 10:28 | 12.5 | 70.03 | 0 | 0.033 | 0 | 0 | 0 | 0 | 51 | 5.7 | 0.479 | 27.5 | 11.4 | 5.97 | 42.8107 | -78.854 |
| 9/20/2016 10:27 | 12.5 | 68.99 | 0 | 0.033 | 0 | 0 | 0 | 0 | 50 | 6.1 | 0.582 | 27.6 | 11.4 | 6.01 | 42.8107 | -78.854 |
| 9/20/2016 10:26 | 12.5 | 72.22 | 0 | 0.033 | 0 | 0 | 0 | 0 | 51 | 8.2 | 0.623 | 27.5 | 11.4 | 5.97 | 42.8107 | -78.854 |

| Timestamp (GMT-4) | Batt. Voltage (V) | Current (mA) | Low (ppm) | Peak (ppm) | STEL (ppm) | TWA (ppm) | VOC (ppm) | VOC (Avg15) (ppm) | Humidity (%) | Mass (µg/m³) | Particle size (µm) | Temperature (℃) | TWA (µg/m³) | Mass (Avg15) (µg/m³) | Latitude | Longitude |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 9/20/2016 10:25 | 12.49 | 66.54 | 0 | 0.033 | 0 | 0 | 0 | 0 | 51 | 4.8 | 0.368 | 27.5 | 11.4 | 6.35 | 42.8107 | -78.854 |
| 9/20/2016 10:24 | 12.49 | 72.48 | 0 | 0.033 | 0 | 0 | 0 | 0 | 51 | 4.8 | 0.449 | 27.5 | 11.4 | 6.81 | 42.8107 | -78.854 |
| 9/20/2016 10:23 | 12.47 | 89.02 | 0 | 0.033 | 0 | 0 | 0 | 0 | 52 | 4.5 | 0.402 | 27.4 | 11.5 | 6.83 | 42.8107 | -78.854 |
| 9/20/2016 10:22 | 12.49 | 70.93 | 0 | 0.033 | 0 | 0 | 0 | 0 | 51 | 5.5 | 0.468 | 27.4 | 11.5 | 6.93 | 42.8107 | -78.854 |
| 9/20/2016 10:21 | 12.49 | 72.22 | 0 | 0.033 | 0 | 0 | 0 | 0 | 51 | 5.9 | 0.589 | 27.3 | 11.6 | 7.72 | 42.8107 | -78.854 |
| 9/20/2016 10:20 | 12.48 | 80.49 | 0 | 0.033 | 0 | 0 | 0 | 0 | 52 | 5.9 | 0.501 | 27.2 | 11.6 | 7.69 | 42.8107 | -78.854 |
| 9/20/2016 10:19 | 12.48 | 82.69 | 0 | 0.033 | 0 | 0 | 0 | 0 | 51 | 11.5 | 2.251 | 27.2 | 11.6 | 7.65 | 42.8107 | -78.854 |
| 9/20/2016 10:18 | 12.5 | 72.48 | 0 | 0.033 | 0 | 0 | 0 | 0 | 52 | 5.7 | 0.51 | 27.1 | 11.6 | 7.23 | 42.8107 | -78.854 |
| 9/20/2016 10:17 | 12.47 | 89.15 | 0 | 0.033 | 0 | 0 | 0 | 0 | 52 | 5.3 | 0.404 | 27.1 | 11.7 | 7.21 | 42.8107 | -78.854 |
| 9/20/2016 10:16 | 12.5 | 66.28 | 0 | 0.033 | 0 | 0 | 0 | 0 | 52 | 5.1 | 0.486 | 27 | 11.7 | 7.24 | 42.8107 | -78.854 |
| 9/20/2016 10:15 | 12.48 | 87.34 | 0 | 0.033 | 0 | 0 | 0 | 0 | 52 | 5.3 | 0.547 | 27 | 11.7 | 7.45 | 42.8107 | -78.854 |
| 9/20/2016 10:14 | 12.49 | 71.06 | 0 | 0.033 | 0 | 0 | 0 | 0 | 53 | 5.3 | 0.52 | 27 | 11.8 | 9.35 | 42.8107 | -78.854 |
| 9/20/2016 10:13 | 12.5 | 67.18 | 0 | 0.033 | 0 | 0 | 0 | 0 | 53 | 6.3 | 0.467 | 27 | 11.8 | 9.35 | 42.8107 | -78.854 |
| 9/20/2016 10:12 | 12.48 | 85.27 | 0 | 0.033 | 0 | 0 | 0 | 0 | 53 | 5.5 | 0.553 | 26.8 | 11.8 | 9.32 | 42.8107 | -78.854 |
| 9/20/2016 10:11 | 12.5 | 69.12 | 0 | 0.033 | 0 | 0 | 0 | 0 | 53 | 13.8 | 4 | 26.8 | 11.8 | 9.31 | 42.8107 | -78.854 |
| 9/20/2016 10:10 | 12.49 | 72.61 | 0 | 0.033 | 0 | 0 | 0 | 0 | 53 | 11.8 | 1.059 | 26.8 | 11.7 | 8.85 | 42.8107 | -78.854 |
| 9/20/2016 10:09 | 12.49 | 73.51 | 0 | 0.033 | 0 | 0 | 0 | 0 | 54 | 5.1 | 0.507 | 26.7 | 11.7 | 8.5 | 42.8107 | -78.854 |
| 9/20/2016 10:08 | 12.49 | 66.15 | 0 | 0.033 | 0 | 0 | 0 | 0 | 54 | 6 | 0.828 | 26.6 | 11.8 | 8.57 | 42.8107 | -78.854 |
| 9/20/2016 10:07 | 12.49 | 70.8 | 0 | 0.033 | 0 | 0 | 0 | 0 | 54 | 17.3 | 2.25 | 26.5 | 11.7 | 8.59 | 42.8107 | -78.854 |
| 9/20/2016 10:06 | 12.5 | 68.48 | 0 | 0.033 | 0 | 0 | 0 | 0 | 54 | 5.4 | 0.499 | 26.6 | 11.8 | 7.83 | 42.8107 | -78.854 |
| 9/20/2016 10:05 | 12.5 | 66.15 | 0 | 0.033 | 0 | 0 | 0 | 0 | 54 | 5.3 | 0.426 | 26.5 | 11.8 | 8.39 | 42.8107 | -78.854 |
| 9/20/2016 10:04 | 12.5 | 67.83 | 0 | 0.033 | 0 | 0 | 0 | 0 | 54 | 5.3 | 0.476 | 26.5 | 11.8 | 8.4 | 42.8108 | -78.854 |
| 9/20/2016 10:03 | 12.48 | 71.32 | 0 | 0.033 | 0 | 0 | 0 | 0 | 55 | 5.4 | 0.434 | 26.5 | 11.9 | 8.75 | 42.8107 | -78.854 |
| 9/20/2016 10:02 | 12.5 | 67.44 | 0 | 0.033 | 0 | 0 | 0 | 0 | 55 | 5.7 | 0.466 | 26.3 | 11.9 | 9.12 | 42.8107 | -78.854 |
| 9/20/2016 10:01 | 12.48 | 74.29 | 0 | 0.033 | 0 | 0 | 0 | 0 | 54 | 8.3 | 0.973 | 26.3 | 11.9 | 9.15 | 42.8107 | -78.854 |
| 9/20/2016 10:00 | 12.49 | 70.28 | 0 | 0.033 | 0 | 0 | 0 | 0 | 55 | 33.7 | 4 | 26.3 | 11.9 | 9.07 | 42.8107 | -78.854 |
| 9/20/2016 9:59 | 12.48 | 73.64 | 0 | 0.033 | 0 | 0 | 0 | 0 | 55 | 5.3 | 0.491 | 26.1 | 11.7 | 7.25 | 42.8107 | -78.854 |
| 9/20/2016 9:58 | 12.5 | 68.48 | 0 | 0.033 | 0 | 0 | 0 | 0 | 55 | 5.9 | 0.446 | 26.1 | 11.8 | 7.27 | 42.8107 | -78.854 |
| 9/20/2016 9:57 | 12.48 | 67.7 | 0 | 0.033 | 0 | 0 | 0 | 0 | 55 | 5.4 | 0.492 | 26.1 | 11.8 | 7.24 | 42.8107 | -78.854 |
| 9/20/2016 9:56 | 12.49 | 69.9 | 0 | 0.033 | 0 | 0 | 0 | 0 | 56 | 6.8 | 0.663 | 26 | 11.8 | 7.4 | 42.8107 | -78.854 |
| 9/20/2016 9:55 | 12.5 | 67.31 | 0 | 0.033 | 0 | 0 | 0 | 0 | 56 | 6.6 | 0.651 | 26 | 11.8 | 7.57 | 42.8107 | -78.854 |
| 9/20/2016 9:54 | 12.5 | 66.93 | 0 | 0.033 | 0 | 0 | 0 | 0 | 56 | 6.1 | 0.484 | 25.9 | 11.9 | 7.83 | 42.8107 | -78.854 |
| 9/20/2016 9:53 | 12.49 | 67.83 | 0 | 0.033 | 0 | 0 | 0 | 0 | 57 | 6.4 | 0.611 | 25.9 | 11.9 | 7.97 | 42.8107 | -78.854 |
| 9/20/2016 9:52 | 12.49 | 73.13 | 0 | 0.033 | 0 | 0 | 0 | 0 | 56 | 5.9 | 0.596 | 25.8 | 11.9 | 7.94 | 42.8107 | -78.854 |
| 9/20/2016 9:51 | 12.49 | 67.31 | 0 | 0.033 | 0 | 0 | 0 | 0 | 56 | 13.8 | 1.292 | 25.7 | 11.9 | 8.01 | 42.8107 | -78.854 |
| 9/20/2016 9:50 | 12.48 | 71.83 | 0 | 0.033 | 0 | 0 | 0 | 0 | 57 | 5.4 | 0.422 | 25.7 | 12 | 7.5 | 42.8107 | -78.854 |
| 9/20/2016 9:49 | 12.49 | 67.57 | 0 | 0.033 | 0 | 0 | 0 | 0 | 58 | 10.5 | 0.857 | 25.6 | 12 | 7.55 | 42.8107 | -78.854 |
| 9/20/2016 9:48 | 12.49 | 68.35 | 0 | 0.033 | 0 | 0 | 0 | 0 | 58 | 11 | 1.838 | 25.6 | 12 | 7.33 | 42.8107 | -78.854 |
| 9/20/2016 9:47 | 12.48 | 69.25 | 0 | 0.033 | 0 | 0 | 0 | 0 | 57 | 6.2 | 0.721 | 25.6 | 12 | 7.68 | 42.8107 | -78.854 |
| 9/20/2016 9:46 | 12.49 | 70.54 | 0 | 0.033 | 0 | 0 | 0 | 0 | 58 | 7.1 | 0.523 | 25.4 | 12 | 7.65 | 42.8107 | -78.854 |
| 9/20/2016 9:45 | 12.48 | 72.74 | 0 | 0.033 | 0 | 0 | 0 | 0 | 58 | 6.4 | 0.346 | 25.4 | 12.1 | 7.62 | 42.8107 | -78.854 |
| 9/20/2016 9:44 | 12.48 | 70.28 | 0 | 0.033 | 0 | 0 | 0 | 0 | 57 | 5.6 | 0.422 | 25.3 | 12.1 | 7.63 | 42.8107 | -78.854 |
| 9/20/2016 9:43 | 12.48 | 69.51 | 0 | 0.033 | 0 | 0 | 0 | 0 | 58 | 5.4 | 0.445 | 25.3 | 12.1 | 7.71 | 42.8107 | -78.854 |
| 9/20/2016 9:42 | 12.49 | 65.37 | 0 | 0.033 | 0 | 0 | 0 | 0 | 58 | 7.8 | 0.837 | 25.2 | 12.2 | 9.37 | 42.8107 | -78.854 |
| 9/20/2016 9:41 | 12.49 | 72.35 | 0 | 0.033 | 0 | 0 | 0 | 0 | 59 | 9.4 | 0.849 | 25.1 | 12.2 | 9.35 | 42.8107 | -78.854 |
| 9/20/2016 9:40 | 12.49 | 67.44 | 0 | 0.033 | 0 | 0 | 0 | 0 | 58 | 10.4 | 1.115 | 25.1 | 12.2 | 9.13 | 42.8107 | -78.854 |

| Timestamp (GMT-4) | Batt. Voltage (V) | Current (mA) | Low (ppm) | Peak (ppm) | STEL (ppm) | TWA (ppm) | VOC (ppm) | VOC (Avg15) (ppm) | Humidity (%) | Mass (µg/m³) | Particle size (µm) | Temperature (°C) | TWA (µg/m³) | Mass (Avg15) (µg/m³) | Latitude | Longitude |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 9/20/2016 9:39 | 12.48 | 74.55 | 0 | 0.033 | 0 | 0 | 0 | 0 | 58 | 8.2 | 0.643 | 25 | 12.1 | 8.95 | 42.8107 | -78.854 |
| 9/20/2016 9:38 | 12.48 | 72.48 | 0 | 0.033 | 0 | 0 | 0 | 0 | 59 | 6 | 0.49 | 25 | 12.2 | 8.79 | 42.8107 | -78.854 |
| 9/20/2016 9:37 | 12.48 | 66.67 | 0 | 0.033 | 0 | 0 | 0 | 0 | 59 | 7 | 0.83 | 24.8 | 12.2 | 24.53 | 42.8107 | -78.854 |
| 9/20/2016 9:36 | 12.48 | 70.28 | 0 | 0.033 | 0 | 0 | 0 | 0 | 59 | 6.1 | 0.542 | 24.8 | 12.2 | 24.73 | 42.8107 | -78.854 |
| 9/20/2016 9:35 | 12.48 | 66.54 | 0 | 0.033 | 0 | 0 | 0 | 0 | 60 | 6.1 | 0.494 | 24.7 | 12.3 | 24.77 | 42.8107 | -78.854 |
| 9/20/2016 9:34 | 12.48 | 66.93 | 0 | 0.033 | 0 | 0 | 0 | 0 | 60 | 7.3 | 0.966 | 24.7 | 12.3 | 25.18 | 42.8107 | -78.854 |
| 9/20/2016 9:33 | 12.47 | 87.34 | 0 | 0.033 | 0 | 0 | 0 | 0 | 60 | 16.2 | 3.132 | 24.7 | 12.3 | 27.75 | 42.8107 | -78.854 |
| 9/20/2016 9:32 | 12.5 | 65.89 | 0 | 0.033 | 0 | 0 | 0 | 0 | 60 | 5.7 | 0.455 | 24.5 | 12.3 | 27.14 | 42.8107 | -78.854 |
| 9/20/2016 9:31 | 12.46 | 85.27 | 0 | 0.033 | 0 | 0 | 0 | 0 | 61 | 6.7 | 0.537 | 24.4 | 12.4 | 29.13 | 42.8107 | -78.854 |
| 9/20/2016 9:30 | 12.5 | 70.16 | 0 | 0.033 | 0 | 0 | 0 | 0 | 60 | 6.5 | 0.631 | 24.5 | 12.4 | 29.11 | 42.8107 | -78.854 |
| 9/20/2016 9:29 | 12.48 | 68.35 | 0 | 0.033 | 0 | 0 | 0 | 0 | 61 | 6.9 | 0.796 | 24.4 | 12.4 | 29.26 | 42.8107 | -78.854 |
| 9/20/2016 9:28 | 12.48 | 69.38 | 0 | 0.033 | 0 | 0 | 0 | 0 | 61 | 30.2 | 4 | 24.3 | 12.4 | 30.05 | 42.8107 | -78.854 |
| 9/20/2016 9:27 | 12.47 | 83.08 | 0 | 0.033 | 0 | 0 | 0 | 0 | 60 | 7.5 | 0.931 | 24.3 | 12.3 | 28.46 | 42.8107 | -78.854 |
| 9/20/2016 9:26 | 12.48 | 73.77 | 0 | 0.033 | 0 | 0 | 0 | 0 | 61 | 6.2 | 0.589 | 24.2 | 12.3 | 28.36 | 42.8107 | -78.854 |
| 9/20/2016 9:25 | 12.49 | 67.83 | 0 | 0.033 | 0 | 0 | 0 | 0 | 61 | 7.7 | 0.924 | 24.1 | 12.4 | 28.33 | 42.8107 | -78.8541 |
| 9/20/2016 9:24 | 12.48 | 70.41 | 0 | 0.033 | 0 | 0 | 0 | 0 | 61 | 5.7 | 0.655 | 24.1 | 12.4 | 28.39 | 42.8107 | -78.854 |
| 9/20/2016 9:23 | 12.48 | 71.45 | 0 | 0.033 | 0 | 0 | 0 | 0 | 61 | 242.2 | 2.962 | 24 | 12.4 | 28.44 | 42.8107 | -78.854 |
| 9/20/2016 9:22 | 12.48 | 73.77 | 0 | 0.033 | 0 | 0 | 0 | 0 | 61 | 9.9 | 1.628 | 23.9 | 12.1 | 12.66 | 42.8107 | -78.854 |
| 9/20/2016 9:21 | 12.48 | 70.41 | 0 | 0.033 | 0 | 0 | 0 | 0 | 62 | 6.8 | 0.689 | 23.8 | 11.8 | 12.58 | 42.8107 | -78.854 |
| 9/20/2016 9:20 | 12.49 | 65.63 | 0 | 0.033 | 0 | 0 | 0 | 0 | 61 | 12.2 | 4 | 23.7 | 11.9 | 13.43 | 42.8107 | -78.854 |
| 9/20/2016 9:19 | 12.48 | 76.49 | 0 | 0.033 | 0 | 0 | 0 | 0 | 62 | 45.8 | 4 | 23.7 | 11.8 | 13.14 | 42.8107 | -78.854 |
| 9/20/2016 9:18 | 12.48 | 67.18 | 0 | 0.033 | 0 | 0 | 0 | 0 | 62 | 7.1 | 0.609 | 23.6 | 11.7 | 10.51 | 42.8107 | -78.854 |
| 9/20/2016 9:17 | 12.48 | 73.9 | 0 | 0.033 | 0 | 0 | 0 | 0 | 62 | 35.6 | 2.785 | 23.6 | 11.7 | 10.69 | 42.8107 | -78.8541 |
| 9/20/2016 9:16 | 12.49 | 68.35 | 0 | 0.033 | 0 | 0 | 0 | 0 | 63 | 6.3 | 0.823 | 23.5 | 11.7 | 8.76 | 42.8107 | -78.854 |
| 9/20/2016 9:15 | 12.48 | 70.28 | 0 | 0.033 | 0 | 0 | 0 | 0 | 62 | 8.8 | 0.989 | 23.4 | 11.7 | 8.83 | 42.8107 | -78.854 |
| 9/20/2016 9:14 | 12.48 | 75.97 | 0 | 0.033 | 0 | 0 | 0 | 0 | 63 | 18.8 | 4 | 23.3 | 11.7 | 8.81 | 42.8107 | -78.854 |
| 9/20/2016 9:13 | 12.48 | 74.94 | 0 | 0.033 | 0 | 0 | 0 | 0 | 63 | 6.3 | 0.84 | 23.2 | 11.6 | 8.24 | 42.8107 | -78.854 |
| 9/20/2016 9:12 | 12.48 | 70.8 | 0 | 0.033 | 0 | 0 | 0 | 0 | 63 | 6 | 0.501 | 23.2 | 11.7 | 8.48 | 42.8107 | -78.8541 |
| 9/20/2016 9:11 | 12.48 | 70.16 | 0 | 0.033 | 0 | 0 | 0 | 0 | 63 | 5.8 | 0.522 | 23.2 | 11.7 | 8.52 | 42.8107 | -78.854 |
| 9/20/2016 9:10 | 12.48 | 73.51 | 0 | 0.033 | 0 | 0 | 0 | 0 | 63 | 8.6 | 1.633 | 23 | 11.8 | 8.56 | 42.8107 | -78.854 |
| 9/20/2016 9:09 | 12.47 | 69.12 | 0 | 0.033 | 0 | 0 | 0 | 0 | 63 | 6.4 | 0.667 | 23 | 11.8 | 8.38 | 42.8107 | -78.8541 |
| 9/20/2016 9:08 | 12.48 | 69.51 | 0 | 0.033 | 0 | 0 | 0 | 0 | 64 | 5.5 | 0.461 | 23 | 11.8 | 8.4 | 42.8107 | -78.8541 |
| 9/20/2016 9:07 | 12.47 | 78.04 | 0 | 0.033 | 0 | 0 | 0 | 0 | 64 | 8.7 | 1.187 | 22.7 | 11.9 | 8.44 | 42.8107 | -78.8541 |
| 9/20/2016 9:06 | 12.48 | 81.65 | 0 | 0.033 | 0 | 0 | 0 | 0 | 64 | 19.6 | 1.753 | 22.8 | 11.9 | 8.27 | 42.8107 | -78.854 |
| 9/20/2016 9:05 | 12.47 | 66.67 | 0 | 0.033 | 0 | 0 | 0 | 0 | 63 | 7.8 | 0.918 | 22.7 | 11.9 | 7.39 | 42.8108 | -78.854 |
| 9/20/2016 9:04 | 12.47 | 75.58 | 0 | 0.033 | 0 | 0 | 0 | 0 | 65 | 6.4 | 0.645 | 22.6 | 11.9 | 7.35 | 42.8107 | -78.854 |
| 9/20/2016 9:03 | 12.48 | 72.35 | 0 | 0.033 | 0 | 0 | 0 | 0 | 64 | 9.7 | 2.505 | 22.5 | 11.9 | 8.45 | 42.8107 | -78.8541 |
| 9/20/2016 9:02 | 12.46 | 87.47 | 0 | 0.033 | 0 | 0 | 0 | 0 | 64 | 6.7 | 0.641 | 22.4 | 11.9 | 9.55 | 42.8107 | -78.854 |
| 9/20/2016 9:01 | 12.48 | 67.05 | 0 | 0.033 | 0 | 0 | 0 | 0 | 65 | 7.3 | 0.946 | 22.3 | 11.9 | 9.67 | 42.8107 | -78.854 |
| 9/20/2016 9:00 | 12.48 | 68.6 | 0 | 0.033 | 0 | 0 | 0 | 0 | 65 | 8.5 | 0.948 | 22.3 | 12 | 9.84 | 42.8107 | -78.854 |
| 9/20/2016 8:59 | 12.47 | 69.51 | 0 | 0.033 | 0 | 0 | 0 | 0 | 65 | 10.3 | 1.53 | 22.1 | 12 | 10.29 | 42.8107 | -78.854 |
| 9/20/2016 8:58 | 12.47 | 72.09 | 0 | 0.033 | 0 | 0 | 0 | 0 | 65 | 9.9 | 0.968 | 22.1 | 12 | 10.91 | 42.8107 | -78.8541 |
| 9/20/2016 8:57 | 12.48 | 71.58 | 0 | 0.033 | 0 | 0 | 0 | 0 | 65 | 6.6 | 0.688 | 22 | 12 | 10.67 | 42.8107 | -78.854 |
| 9/20/2016 8:56 | 12.48 | 72.87 | 0 | 0.033 | 0 | 0 | 0 | 0 | 65 | 6.4 | 0.463 | 21.9 | 12.1 | 10.67 | 42.8107 | -78.854 |
| 9/20/2016 8:55 | 12.48 | 65.89 | 0 | 0.033 | 0 | 0 | 0 | 0 | 65 | 5.9 | 0.518 | 21.9 | 12.1 | 10.61 | 42.8107 | -78.8541 |
| 9/20/2016 8:54 | 12.46 | 75.06 | 0 | 0.033 | 0 | 0 | 0 | 0 | 66 | 6.7 | 0.647 | 21.8 | 12.2 | 10.75 | 42.8107 | -78.854 |

| Timestamp (GMT-4) | Batt. Voltage (V) | Current (mA) | Low (ppm) | Peak (ppm) | STEL (ppm) | TWA (ppm) | VOC (ppm) | VOC (Avg15) (ppm) | Humidity (%) | Mass (µg/m³) | Particle size (µm) | Temperature (°C) | TWA (µg/m³) | Mass (Avg15) (µg/m³) | Latitude | Longitude |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 9/20/2016 8:53 | 12.47 | 68.22 | 0 | 0.033 | 0 | 0 | 0 | 0 | 65 | 6.1 | 0.516 | 21.7 | 12.3 | 10.67 | 42.8107 | -78.8541 |
| 9/20/2016 8:52 | 12.47 | 70.28 | 0 | 0.033 | 0 | 0 | 0 | 0 | 65 | 6.2 | 0.552 | 21.6 | 12.3 | 10.71 | 42.8107 | -78.854 |
| 9/20/2016 8:51 | 12.48 | 70.54 | 0 | 0.033 | 0 | 0 | 0 | 0 | 66 | 6.3 | 0.526 | 21.6 | 12.4 | 10.69 | 42.8107 | -78.854 |
| 9/20/2016 8:50 | 12.46 | 75.97 | 0 | 0.033 | 0 | 0 | 0 | 0 | 66 | 7.2 | 0.879 | 21.6 | 12.4 | 10.81 | 42.8107 | -78.8541 |
| 9/20/2016 8:49 | 12.46 | 70.03 | 0 | 0.033 | 0 | 0 | 0 | 0 | 67 | 23 | 4 | 21.5 | 12.4 | 11 | 42.8107 | -78.854 |
| 9/20/2016 8:48 | 12.48 | 68.99 | 0 | 0.033 | 0 | 0 | 0 | 0 | 67 | 26.1 | 4 | 21.4 | 12.3 | 11.07 | 42.8107 | -78.854 |
| 9/20/2016 8:47 | 12.46 | 78.94 | 0 | 0.033 | 0 | 0 | 0 | 0 | 66 | 8.6 | 1.453 | 21.3 | 12.2 | 10.92 | 42.8107 | -78.854 |
| 9/20/2016 8:46 | 12.46 | 84.24 | 0 | 0.033 | 0 | 0 | 0 | 0 | 66 | 9.8 | 1.268 | 21.2 | 12.2 | 10.73 | 42.8107 | -78.854 |
| 9/20/2016 8:45 | 12.48 | 67.31 | 0 | 0.033 | 0 | 0 | 0 | 0 | 66 | 15.2 | 4 | 21.2 | 12.2 | 10.57 | 42.8107 | -78.854 |
| 9/20/2016 8:44 | 12.46 | 90.96 | 0 | 0.033 | 0 | 0 | 0 | 0 | 67 | 19.6 | 2.966 | 21.1 | 12.1 | 10.24 | 42.8107 | -78.854 |
| 9/20/2016 8:43 | 12.47 | 71.96 | 0 | 0.033 | 0 | 0 | 0 | 0 | 66 | 6.3 | 0.545 | 21 | 12.1 | 9.52 | 42.8107 | -78.854 |
| 9/20/2016 8:42 | 12.46 | 81.27 | 0 | 0.033 | 0 | 0 | 0 | 0 | 67 | 6.6 | 0.54 | 21 | 12.2 | 9.79 | 42.8107 | -78.854 |
| 9/20/2016 8:41 | 12.46 | 75.71 | 0 | 0.033 | 0 | 0 | 0 | 0 | 66 | 5.6 | 0.52 | 20.9 | 12.2 | 10.08 | 42.8107 | -78.854 |
| 9/20/2016 8:40 | 12.47 | 66.8 | 0 | 0.033 | 0 | 0 | 0 | 0 | 67 | 7.9 | 0.593 | 20.9 | 12.3 | 10.53 | 42.8107 | -78.8541 |
| 9/20/2016 8:39 | 12.47 | 66.02 | 0 | 0.033 | 0 | 0 | 0 | 0 | 67 | 5.6 | 0.55 | 20.8 | 12.4 | 10.82 | 42.8107 | -78.854 |
| 9/20/2016 8:38 | 12.47 | 72.35 | 0 | 0.033 | 0 | 0 | 0 | 0 | 66 | 6.7 | 0.664 | 20.7 | 12.4 | 11.48 | 42.8107 | -78.8541 |
| 9/20/2016 8:37 | 12.47 | 66.15 | 0 | 0.033 | 0 | 0 | 0 | 0 | 67 | 5.9 | 0.639 | 20.7 | 12.5 | 12.16 | 42.8107 | -78.854 |
| 9/20/2016 8:36 | 12.46 | 68.6 | 0 | 0.033 | 0 | 0 | 0 | 0 | 66 | 8.1 | 1.033 | 20.6 | 12.5 | 13.2 | 42.8107 | -78.8541 |
| 9/20/2016 8:35 | 12.46 | 69.51 | 0 | 0.033 | 0 | 0 | 0 | 0 | 67 | 10 | 1.89 | 20.6 | 12.6 | 14.22 | 42.8107 | -78.854 |
| 9/20/2016 8:34 | 12.46 | 72.22 | 0 | 0.033 | 0 | 0 | 0 | 0 | 67 | 24.1 | 4 | 20.5 | 12.5 | 15.27 | 42.8107 | -78.854 |
| 9/20/2016 8:33 | 12.47 | 65.5 | 0 | 0.033 | 0 | 0 | 0 | 0 | 68 | 23.8 | 1.726 | 20.5 | 12.4 | 12.33 | 42.8107 | -78.854 |
| 9/20/2016 8:32 | 12.46 | 78.81 | 0 | 0.033 | 0 | 0 | 0 | 0 | 67 | 5.8 | 0.75 | 20.4 | 12.4 | 6.6 | 42.8107 | -78.854 |
| 9/20/2016 8:31 | 12.44 | 82.04 | 0 | 0.033 | 0 | 0 | 0 | 0 | 67 | 7.4 | 0.944 | 20.3 | 12.4 | 7.4 | 42.8107 | -78.854 |

| Timestamp (GMT-4) | Batt. Voltage (V) | Current (mA) | Low (ppm) | Peak (ppm) | STEL (ppm) | TWA (ppm) | VOC (ppm) | VOC (Avg15) (ppm) | Humidity (%) | Mass (µg/m³) | Particle size (µm) | Temperature (℃) | TWA (µg/m³) | Mass (Avg15) (µg/m³) | Latitude | Longitude |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 9/21/2016 15:33 | 12.53 | 67.31 | | | | | | | | | | | 0 | | 42.811 | -78.8535 |
| 9/21/2016 15:32 | 12.42 | 77.39 | | | | | | | 26 | 15.3 | 4 | 36.4 | 11.6 | 33.19 | 42.811 | -78.8535 |
| 9/21/2016 15:31 | 12.67 | 69.9 | 0 | 0.01 | 0 | 0 | 0 | 0 | 26 | 15.6 | 4 | 36.4 | 11.5 | 33.25 | 42.811 | -78.8536 |
| 9/21/2016 15:30 | 12.65 | 75.32 | 0 | 0.01 | 0 | 0 | 0 | 0 | 25 | 11.4 | 4 | 36.4 | 11.5 | 35.24 | 42.811 | -78.8536 |
| 9/21/2016 15:29 | 12.66 | 78.81 | 0 | 0.01 | 0 | 0 | 0 | 0 | 26 | 8.8 | 4 | 36.4 | 11.5 | 34.57 | 42.811 | -78.8536 |
| 9/21/2016 15:28 | 12.64 | 91.99 | 0 | 0.01 | 0 | 0 | 0 | 0 | 26 | 6.5 | 4 | 36.4 | 11.5 | 34.85 | 42.811 | -78.8536 |
| 9/21/2016 15:27 | 12.68 | 66.54 | 0 | 0.01 | 0 | 0 | 0 | 0 | 25 | 10 | 4 | 36.5 | 11.5 | 34.76 | 42.811 | -78.8536 |
| 9/21/2016 15:26 | 12.64 | 82.95 | 0 | 0.01 | 0 | 0 | 0 | 0 | 26 | 27.9 | 4 | 36.4 | 11.5 | 34.17 | 42.811 | -78.8536 |
| 9/21/2016 15:25 | 12.66 | 76.62 | 0 | 0.01 | 0 | 0 | 0 | 0 | 26 | 21.7 | 4 | 36.5 | 11.5 | 33.08 | 42.811 | -78.8536 |
| 9/21/2016 15:24 | 12.67 | 69.12 | 0 | 0.01 | 0 | 0 | 0 | 0 | 26 | 16.3 | 4 | 36.5 | 11.4 | 33.87 | 42.811 | -78.8536 |
| 9/21/2016 15:23 | 12.68 | 66.54 | 0 | 0.01 | 0 | 0 | 0 | 0 | 26 | 108.4 | 4 | 36.5 | 11.4 | 34.05 | 42.811 | -78.8536 |
| 9/21/2016 15:22 | 12.67 | 69.9 | 0 | 0.01 | 0 | 0 | 0 | 0 | 25 | 115.7 | 4 | 36.5 | 11.2 | 27.91 | 42.811 | -78.8536 |
| 9/21/2016 15:21 | 12.67 | 74.29 | 0 | 0.01 | 0 | 0 | 0 | 0 | 25 | 56.6 | 4 | 36.6 | 11 | 23.12 | 42.811 | -78.8536 |
| 9/21/2016 15:20 | 12.68 | 66.67 | 0 | 0.01 | 0 | 0 | 0 | 0 | 26 | 43.2 | 4 | 36.6 | 10.9 | 19.83 | 42.811 | -78.8536 |
| 9/21/2016 15:19 | 12.67 | 67.83 | 0 | 0.01 | 0 | 0 | 0 | 0 | 26 | 6.3 | 2.287 | 36.5 | 10.9 | 17.77 | 42.811 | -78.8536 |
| 9/21/2016 15:18 | 12.68 | 67.83 | 0 | 0.01 | 0 | 0 | 0 | 0 | 27 | 34.2 | 4 | 36.6 | 10.9 | 18.16 | 42.811 | -78.8536 |
| 9/21/2016 15:17 | 12.66 | 75.19 | 0 | 0.01 | 0 | 0 | 0 | 0 | 25 | 16.2 | 4 | 36.5 | 10.9 | 16.16 | 42.811 | -78.8536 |
| 9/21/2016 15:16 | 12.67 | 68.99 | 0 | 0.01 | 0 | 0 | 0 | 0 | 26 | 45.4 | 4 | 36.6 | 10.9 | 16.33 | 42.811 | -78.8536 |
| 9/21/2016 15:15 | 12.67 | 67.7 | 0 | 0.01 | 0 | 0 | 0 | 0 | 25 | 1.4 | 1.242 | 36.6 | 10.8 | 13.31 | 42.811 | -78.8536 |
| 9/21/2016 15:14 | 12.65 | 84.75 | 0 | 0.01 | 0 | 0 | 0 | 0 | 26 | 12.9 | 4 | 36.6 | 10.8 | 13.43 | 42.811 | -78.8536 |
| 9/21/2016 15:13 | 12.66 | 71.58 | 0 | 0.01 | 0 | 0 | 0 | 0 | 26 | 5.2 | 4 | 36.6 | 10.8 | 13.69 | 42.811 | -78.8536 |
| 9/21/2016 15:12 | 12.66 | 83.72 | 0 | 0.01 | 0 | 0 | 0 | 0 | 26 | 1.2 | 0.534 | 36.7 | 10.8 | 14.61 | 42.811 | -78.8536 |
| 9/21/2016 15:11 | 12.68 | 65.12 | 0 | 0.01 | 0 | 0 | 0 | 0 | 26 | 11.5 | 4 | 36.7 | 10.8 | 15.07 | 42.811 | -78.8536 |
| 9/21/2016 15:10 | 12.66 | 76.1 | 0 | 0.01 | 0 | 0 | 0 | 0 | 26 | 33.5 | 4 | 36.7 | 10.8 | 14.56 | 42.811 | -78.8536 |
| 9/21/2016 15:09 | 12.68 | 69.64 | 0 | 0.01 | 0 | 0 | 0 | 0 | 27 | 19 | 4 | 36.7 | 10.8 | 13.13 | 42.811 | -78.8536 |
| 9/21/2016 15:08 | 12.67 | 69.77 | 0 | 0.01 | 0 | 0 | 0 | 0 | 28 | 16.3 | 4 | 36.7 | 10.7 | 13.54 | 42.811 | -78.8536 |
| 9/21/2016 15:07 | 12.67 | 68.86 | 0 | 0.01 | 0 | 0 | 0 | 0 | 27 | 43.9 | 4 | 36.8 | 10.7 | 14.45 | 42.811 | -78.8536 |
| 9/21/2016 15:06 | 12.68 | 67.31 | 0 | 0.01 | 0 | 0 | 0 | 0 | 26 | 7.3 | 4 | 36.7 | 10.6 | 13.32 | 42.811 | -78.8536 |
| 9/21/2016 15:05 | 12.68 | 65.63 | 0 | 0.01 | 0 | 0 | 0 | 0 | 26 | 12.3 | 4 | 36.7 | 10.6 | 13.57 | 42.811 | -78.8536 |
| 9/21/2016 15:04 | 12.68 | 67.18 | 0 | 0.01 | 0 | 0 | 0 | 0 | 26 | 12.1 | 4 | 36.7 | 10.6 | 13.39 | 42.811 | -78.8536 |
| 9/21/2016 15:03 | 12.69 | 68.22 | 0 | 0.01 | 0 | 0 | 0 | 0 | 26 | 4.2 | 1.762 | 36.8 | 10.6 | 14.95 | 42.811 | -78.8536 |
| 9/21/2016 15:02 | 12.66 | 87.34 | 0 | 0.01 | 0 | 0 | 0 | 0 | 26 | 18.8 | 4 | 36.7 | 10.6 | 15.14 | 42.811 | -78.8536 |
| 9/21/2016 15:01 | 12.68 | 65.12 | 0 | 0.01 | 0 | 0 | 0 | 0 | 26 | 0 | 0.337 | 36.7 | 10.6 | 14.08 | 42.811 | -78.8536 |
| 9/21/2016 15:00 | 12.68 | 69.51 | 0 | 0.01 | 0 | 0 | 0 | 0 | 27 | 3.2 | 0.539 | 36.7 | 10.6 | 14.2 | 42.811 | -78.8536 |
| 9/21/2016 14:59 | 12.68 | 64.99 | 0 | 0.01 | 0 | 0 | 0 | 0 | 27 | 16.8 | 4 | 36.7 | 10.6 | 14.42 | 42.811 | -78.8536 |
| 9/21/2016 14:58 | 12.66 | 82.56 | 0 | 0.01 | 0 | 0 | 0 | 0 | 27 | 19 | 4 | 36.7 | 10.6 | 14.62 | 42.811 | -78.8536 |
| 9/21/2016 14:57 | 12.68 | 68.09 | 0 | 0.01 | 0 | 0 | 0 | 0 | 26 | 8.2 | 4 | 36.7 | 10.6 | 14.01 | 42.811 | -78.8536 |
| 9/21/2016 14:56 | 12.66 | 86.31 | 0 | 0.01 | 0 | 0 | 0 | 0 | 26 | 3.8 | 1.98 | 36.8 | 10.6 | 13.87 | 42.811 | -78.8536 |
| 9/21/2016 14:55 | 12.68 | 69.51 | 0 | 0.01 | 0 | 0 | 0 | 0 | 25 | 12.1 | 4 | 36.7 | 10.6 | 14 | 42.811 | -78.8536 |
| 9/21/2016 14:54 | 12.68 | 73 | 0 | 0.01 | 0 | 0 | 0 | 0 | 27 | 25.1 | 4 | 36.7 | 10.6 | 13.41 | 42.811 | -78.8536 |
| 9/21/2016 14:53 | 12.66 | 77 | 0 | 0.01 | 0 | 0 | 0 | 0 | 27 | 29.9 | 4 | 36.7 | 10.5 | 14.71 | 42.811 | -78.8536 |
| 9/21/2016 14:52 | 12.68 | 67.7 | 0 | 0.01 | 0 | 0 | 0 | 0 | 26 | 27 | 4 | 36.7 | 10.5 | 13.47 | 42.811 | -78.8536 |
| 9/21/2016 14:51 | 12.68 | 69.64 | 0 | 0.01 | 0 | 0 | 0 | 0 | 27 | 11 | 4 | 36.7 | 10.4 | 11.93 | 42.811 | -78.8536 |
| 9/21/2016 14:50 | 12.68 | 71.58 | 0 | 0.01 | 0 | 0 | 0 | 0 | 28 | 9.7 | 4 | 36.7 | 10.4 | 11.31 | 42.811 | -78.8536 |
| 9/21/2016 14:49 | 12.66 | 95.87 | 0 | 0.01 | 0 | 0 | 0 | 0 | 27 | 35.5 | 4 | 36.6 | 10.4 | 11.6 | 42.811 | -78.8536 |
| 9/21/2016 14:48 | 12.69 | 65.37 | 0 | 0.01 | 0 | 0 | 0 | 0 | 28 | 7 | 4 | 36.7 | 10.4 | 9.83 | 42.811 | -78.8536 |

| Timestamp (GMT-4) | Batt. Voltage (V) | Current (mA) | Low (ppm) | Peak (ppm) | STEL (ppm) | TWA (ppm) | VOC (ppm) | VOC (Avg15) (ppm) | Humidity (%) | Mass (µg/m³) | Particle size (µm) | Temperature (℃) | TWA (µg/m³) | Mass (Avg15) (µg/m³) | Latitude | Longitude |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 9/21/2016 14:47 | 12.68 | 66.67 | 0 | 0.01 | 0 | 0 | 0 | 0 | 27 | 2.9 | 0.498 | 36.7 | 10.4 | 9.74 | 42.811 | -78.8536 |
| 9/21/2016 14:46 | 12.68 | 68.86 | 0 | 0.01 | 0 | 0 | 0 | 0 | 27 | 1.8 | 0.753 | 36.7 | 10.4 | 11.08 | 42.811 | -78.8536 |
| 9/21/2016 14:45 | 12.68 | 74.16 | 0 | 0.01 | 0 | 0 | 0 | 0 | 27 | 6.5 | 2.382 | 36.7 | 10.4 | 11.39 | 42.811 | -78.8536 |
| 9/21/2016 14:44 | 12.68 | 68.35 | 0 | 0.01 | 0 | 0 | 0 | 0 | 27 | 19.8 | 4 | 36.6 | 10.4 | 11.4 | 42.811 | -78.8536 |
| 9/21/2016 14:43 | 12.68 | 68.86 | 0 | 0.01 | 0 | 0 | 0 | 0 | 27 | 9.9 | 4 | 36.6 | 10.4 | 10.23 | 42.811 | -78.8536 |
| 9/21/2016 14:42 | 12.67 | 78.04 | 0 | 0.01 | 0 | 0 | 0 | 0 | 27 | 6 | 1.321 | 36.6 | 10.5 | 10.56 | 42.811 | -78.8536 |
| 9/21/2016 14:41 | 12.7 | 65.89 | 0 | 0.01 | 0 | 0 | 0 | 0 | 27 | 5.8 | 4 | 36.6 | 10.5 | 10.92 | 42.811 | -78.8536 |
| 9/21/2016 14:40 | 12.69 | 72.22 | 0 | 0.01 | 0 | 0 | 0 | 0 | 27 | 3.3 | 1.001 | 36.5 | 10.5 | 11.25 | 42.811 | -78.8536 |
| 9/21/2016 14:39 | 12.68 | 70.8 | 0 | 0.01 | 0 | 0 | 0 | 0 | 28 | 44.5 | 4 | 36.6 | 10.5 | 11.36 | 42.811 | -78.8536 |
| 9/21/2016 14:38 | 12.68 | 80.88 | 0 | 0.01 | 0 | 0 | 0 | 0 | 29 | 11.4 | 4 | 36.6 | 10.4 | 9.05 | 42.811 | -78.8536 |
| 9/21/2016 14:37 | 12.68 | 69.51 | 0 | 0.01 | 0 | 0 | 0 | 0 | 29 | 3.9 | 1.217 | 36.5 | 10.4 | 9.04 | 42.811 | -78.8536 |
| 9/21/2016 14:36 | 12.68 | 74.03 | 0 | 0.01 | 0 | 0 | 0 | 0 | 28 | 1.7 | 0.798 | 36.5 | 10.4 | 9.57 | 42.811 | -78.8536 |
| 9/21/2016 14:35 | 12.69 | 66.93 | 0 | 0.01 | 0 | 0 | 0 | 0 | 28 | 14 | 4 | 36.5 | 10.4 | 11.15 | 42.811 | -78.8536 |
| 9/21/2016 14:34 | 12.69 | 69.38 | 0 | 0.01 | 0 | 0 | 0 | 0 | 28 | 8.9 | 1.748 | 36.6 | 10.4 | 11.74 | 42.811 | -78.8536 |
| 9/21/2016 14:33 | 12.69 | 66.28 | 0 | 0.01 | 0 | 0 | 0 | 0 | 28 | 5.7 | 4 | 36.5 | 10.4 | 12.06 | 42.811 | -78.8536 |
| 9/21/2016 14:32 | 12.67 | 69.25 | 0 | 0.01 | 0 | 0 | 0 | 0 | 29 | 23 | 4 | 36.6 | 10.4 | 12.06 | 42.811 | -78.8536 |
| 9/21/2016 14:31 | 12.68 | 72.87 | 0 | 0.01 | 0 | 0 | 0 | 0 | 29 | 6.4 | 4 | 36.5 | 10.4 | 11.7 | 42.811 | -78.8536 |
| 9/21/2016 14:30 | 12.68 | 66.93 | 0 | 0.01 | 0 | 0 | 0 | 0 | 30 | 6.7 | 4 | 36.5 | 10.4 | 11.54 | 42.811 | -78.8536 |
| 9/21/2016 14:29 | 12.68 | 70.41 | 0 | 0.01 | 0 | 0 | 0 | 0 | 29 | 2.2 | 0.459 | 36.5 | 10.4 | 11.5 | 42.811 | -78.8536 |
| 9/21/2016 14:28 | 12.67 | 83.85 | 0 | 0.01 | 0 | 0 | 0 | 0 | 30 | 14.9 | 4 | 36.5 | 10.4 | 11.89 | 42.811 | -78.8536 |
| 9/21/2016 14:27 | 12.69 | 68.6 | 0 | 0.01 | 0 | 0 | 0 | 0 | 30 | 11.4 | 4 | 36.3 | 10.4 | 11.73 | 42.811 | -78.8536 |
| 9/21/2016 14:26 | 12.69 | 68.99 | 0 | 0.01 | 0 | 0 | 0 | 0 | 30 | 10.7 | 4 | 36.4 | 10.4 | 11.08 | 42.811 | -78.8536 |
| 9/21/2016 14:25 | 12.69 | 69.25 | 0 | 0.01 | 0 | 0 | 0 | 0 | 30 | 5 | 4 | 36.4 | 10.4 | 10.37 | 42.811 | -78.8536 |
| 9/21/2016 14:24 | 12.67 | 85.27 | 0 | 0.01 | 0 | 0 | 0 | 0 | 30 | 9.8 | 4 | 36.4 | 10.4 | 10.71 | 42.811 | -78.8536 |
| 9/21/2016 14:23 | 12.7 | 68.09 | 0 | 0.01 | 0 | 0 | 0 | 0 | 30 | 11.3 | 4 | 36.4 | 10.4 | 10.28 | 42.811 | -78.8536 |
| 9/21/2016 14:22 | 12.66 | 92.77 | 0 | 0.01 | 0 | 0 | 0 | 0 | 31 | 11.8 | 4 | 36.5 | 10.4 | 9.76 | 42.811 | -78.8536 |
| 9/21/2016 14:21 | 12.7 | 66.67 | 0 | 0.01 | 0 | 0 | 0 | 0 | 30 | 25.5 | 4 | 36.4 | 10.3 | 9.4 | 42.811 | -78.8536 |
| 9/21/2016 14:20 | 12.66 | 85.27 | 0 | 0.01 | 0 | 0 | 0 | 0 | 30 | 22.8 | 4 | 36.4 | 10.3 | 8.05 | 42.811 | -78.8536 |
| 9/21/2016 14:19 | 12.69 | 67.57 | 0 | 0.01 | 0 | 0 | 0 | 0 | 30 | 13.7 | 4 | 36.3 | 10.3 | 6.73 | 42.811 | -78.8536 |
| 9/21/2016 14:18 | 12.7 | 69.25 | 0 | 0.01 | 0 | 0 | 0 | 0 | 30 | 5.7 | 4 | 36.4 | 10.3 | 5.91 | 42.811 | -78.8536 |
| 9/21/2016 14:17 | 12.69 | 66.8 | 0 | 0.01 | 0 | 0 | 0 | 0 | 31 | 17.6 | 4 | 36.3 | 10.3 | 5.6 | 42.811 | -78.8536 |
| 9/21/2016 14:16 | 12.7 | 70.16 | 0 | 0.01 | 0 | 0 | 0 | 0 | 31 | 4 | 0.589 | 36.3 | 10.3 | 4.43 | 42.811 | -78.8536 |
| 9/21/2016 14:15 | 12.69 | 70.16 | 0 | 0.01 | 0 | 0 | 0 | 0 | 30 | 6.1 | 4 | 36.3 | 10.3 | 4.23 | 42.811 | -78.8536 |
| 9/21/2016 14:14 | 12.7 | 65.76 | 0 | 0.01 | 0 | 0 | 0 | 0 | 30 | 8.1 | 4 | 36.3 | 10.3 | 3.85 | 42.811 | -78.8536 |
| 9/21/2016 14:13 | 12.69 | 69.64 | 0 | 0.01 | 0 | 0 | 0 | 0 | 31 | 12.5 | 4 | 36.3 | 10.4 | 3.41 | 42.811 | -78.8536 |
| 9/21/2016 14:12 | 12.7 | 66.93 | 0 | 0.01 | 0 | 0 | 0 | 0 | 30 | 1.6 | 0.779 | 36.3 | 10.4 | 2.59 | 42.811 | -78.8536 |
| 9/21/2016 14:11 | 12.7 | 66.41 | 0 | 0.01 | 0 | 0 | 0 | 0 | 31 | 0.1 | 0.337 | 36.3 | 10.4 | 2.49 | 42.811 | -78.8536 |
| 9/21/2016 14:10 | 12.7 | 67.44 | 0 | 0.01 | 0 | 0 | 0 | 0 | 31 | 10.1 | 2.264 | 36.2 | 10.4 | 2.69 | 42.811 | -78.8536 |
| 9/21/2016 14:09 | 12.7 | 71.32 | 0 | 0.01 | 0 | 0 | 0 | 0 | 31 | 3.3 | 0.525 | 36.2 | 10.4 | 2.21 | 42.811 | -78.8536 |
| 9/21/2016 14:08 | 12.7 | 67.96 | 0 | 0.01 | 0 | 0 | 0 | 0 | 30 | 3.5 | 4 | 36.2 | 10.4 | 3.87 | 42.811 | -78.8536 |
| 9/21/2016 14:07 | 12.7 | 72.35 | 0 | 0.01 | 0 | 0 | 0 | 0 | 31 | 6.4 | 1.524 | 36.1 | 10.4 | 3.91 | 42.811 | -78.8536 |
| 9/21/2016 14:06 | 12.7 | 64.86 | 0 | 0.01 | 0 | 0 | 0 | 0 | 30 | 5.2 | 0.922 | 36.2 | 10.4 | 3.54 | 42.811 | -78.8536 |
| 9/21/2016 14:05 | 12.7 | 67.44 | 0 | 0.01 | 0 | 0 | 0 | 0 | 31 | 3.1 | 1.014 | 36.1 | 10.4 | 3.31 | 42.811 | -78.8536 |
| 9/21/2016 14:04 | 12.68 | 82.69 | 0 | 0.01 | 0 | 0 | 0 | 0 | 32 | 1.3 | 0.597 | 36.2 | 10.5 | 3.48 | 42.811 | -78.8536 |
| 9/21/2016 14:03 | 12.69 | 68.6 | 0 | 0.01 | 0 | 0 | 0 | 0 | 32 | 1.1 | 0.623 | 36.2 | 10.5 | 3.46 | 42.811 | -78.8536 |
| 9/21/2016 14:02 | 12.68 | 83.2 | 0 | 0.01 | 0 | 0 | 0 | 0 | 32 | 0.1 | 0.357 | 36.2 | 10.5 | 3.91 | 42.811 | -78.8536 |

| Timestamp (GMT-4) | Batt. Voltage (V) | Current (mA) | Low (ppm) | Peak (ppm) | STEL (ppm) | TWA (ppm) | VOC (ppm) | VOC (Avg15) (ppm) | Humidity (%) | Mass (µg/m³) | Particle size (µm) | Temperature (°C) | TWA (µg/m³) | Mass (Avg15) (µg/m³) | Latitude | Longitude |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 9/21/2016 14:01 | 12.71 | 69.12 | 0 | 0.01 | 0 | 0 | 0 | 0 | 32 | 1 | 0.904 | 36.1 | 10.5 | 5.31 | 42.811 | -78.8536 |
| 9/21/2016 14:00 | 12.7 | 69.64 | 0 | 0.01 | 0 | 0 | 0 | 0 | 31 | 0.4 | 0.339 | 36.1 | 10.5 | 5.55 | 42.811 | -78.8536 |
| 9/21/2016 13:59 | 12.7 | 68.35 | 0 | 0.01 | 0 | 0 | 0 | 0 | 32 | 1.4 | 0.685 | 36 | 10.5 | 6.67 | 42.811 | -78.8536 |
| 9/21/2016 13:58 | 12.69 | 70.93 | 0 | 0.01 | 0 | 0 | 0 | 0 | 32 | 0.3 | 0.711 | 36.1 | 10.5 | 6.85 | 42.811 | -78.8536 |
| 9/21/2016 13:57 | 12.7 | 68.48 | 0 | 0.01 | 0 | 0 | 0 | 0 | 32 | 0.1 | 0.337 | 36.1 | 10.6 | 6.93 | 42.811 | -78.8536 |
| 9/21/2016 13:56 | 12.7 | 72.74 | 0 | 0.01 | 0 | 0 | 0 | 0 | 31 | 3.1 | 1.476 | 36 | 10.6 | 7.17 | 42.811 | -78.8536 |
| 9/21/2016 13:55 | 12.7 | 69.25 | 0 | 0.01 | 0 | 0 | 0 | 0 | 31 | 2.9 | 0.525 | 36 | 10.6 | 7.3 | 42.811 | -78.8536 |
| 9/21/2016 13:54 | 12.7 | 65.5 | 0 | 0.01 | 0 | 0 | 0 | 0 | 32 | 28.1 | 4 | 35.9 | 10.6 | 7.33 | 42.811 | -78.8536 |
| 9/21/2016 13:53 | 12.7 | 65.5 | 0 | 0.01 | 0 | 0 | 0 | 0 | 31 | 4.2 | 4 | 36 | 10.6 | 6.18 | 42.811 | -78.8536 |
| 9/21/2016 13:52 | 12.68 | 85.53 | 0 | 0.01 | 0 | 0 | 0 | 0 | 31 | 0.8 | 0.337 | 36 | 10.6 | 6.23 | 42.811 | -78.8536 |
| 9/21/2016 13:51 | 12.71 | 67.83 | 0 | 0.01 | 0 | 0 | 0 | 0 | 32 | 1.7 | 0.337 | 35.9 | 10.7 | 6.28 | 42.811 | -78.8536 |
| 9/21/2016 13:50 | 12.7 | 66.67 | 0 | 0.01 | 0 | 0 | 0 | 0 | 31 | 5.7 | 0.621 | 36 | 10.7 | 6.18 | 42.811 | -78.8536 |
| 9/21/2016 13:49 | 12.71 | 68.22 | 0 | 0.01 | 0 | 0 | 0 | 0 | 32 | 1 | 0.508 | 35.9 | 10.7 | 5.93 | 42.811 | -78.8536 |
| 9/21/2016 13:48 | 12.69 | 83.98 | 0 | 0.01 | 0 | 0 | 0 | 0 | 31 | 7.9 | 4 | 35.9 | 10.7 | 5.91 | 42.811 | -78.8536 |
| 9/21/2016 13:47 | 12.71 | 67.05 | 0 | 0.01 | 0 | 0 | 0 | 0 | 31 | 21.1 | 1.406 | 35.9 | 10.7 | 5.48 | 42.811 | -78.8536 |
| 9/21/2016 13:46 | 12.71 | 65.76 | 0 | 0.01 | 0 | 0 | 0 | 0 | 31 | 4.5 | 2.051 | 35.9 | 10.7 | 4.13 | 42.811 | -78.8536 |
| 9/21/2016 13:45 | 12.71 | 65.89 | 0 | 0.01 | 0 | 0 | 0 | 0 | 32 | 17.2 | 4 | 35.8 | 10.7 | 3.93 | 42.811 | -78.8536 |
| 9/21/2016 13:44 | 12.7 | 70.8 | 0 | 0.01 | 0 | 0 | 0 | 0 | 31 | 4.2 | 0.486 | 35.8 | 10.7 | 2.92 | 42.811 | -78.8536 |
| 9/21/2016 13:43 | 12.7 | 83.33 | 0 | 0.01 | 0 | 0 | 0 | 0 | 31 | 1.4 | 0.638 | 35.8 | 10.7 | 2.72 | 42.811 | -78.8536 |
| 9/21/2016 13:42 | 12.7 | 75.45 | 0 | 0.01 | 0 | 0 | 0 | 0 | 32 | 3.7 | 1.104 | 35.7 | 10.8 | 2.7 | 42.811 | -78.8536 |
| 9/21/2016 13:41 | 12.7 | 72.87 | 0 | 0.01 | 0 | 0 | 0 | 0 | 31 | 5.1 | 0.849 | 35.8 | 10.8 | 2.62 | 42.811 | -78.8536 |
| 9/21/2016 13:40 | 12.69 | 82.56 | 0 | 0.01 | 0 | 0 | 0 | 0 | 31 | 3.4 | 0.48 | 35.7 | 10.8 | 2.36 | 42.811 | -78.8536 |
| 9/21/2016 13:39 | 12.72 | 67.31 | 0 | 0.01 | 0 | 0 | 0 | 0 | 30 | 10.8 | 4 | 35.8 | 10.8 | 2.15 | 42.811 | -78.8536 |
| 9/21/2016 13:38 | 12.72 | 68.86 | 0 | 0.01 | 0 | 0 | 0 | 0 | 30 | 5 | 0.689 | 35.7 | 10.8 | 1.53 | 42.811 | -78.8536 |
| 9/21/2016 13:37 | 12.71 | 66.02 | 0 | 0.01 | 0 | 0 | 0 | 0 | 31 | 1.5 | 0.351 | 35.7 | 10.8 | 1.24 | 42.811 | -78.8536 |
| 9/21/2016 13:36 | 12.69 | 85.14 | 0 | 0.01 | 0 | 0 | 0 | 0 | 31 | 0.2 | 0.493 | 35.7 | 10.9 | 1.92 | 42.811 | -78.8536 |
| 9/21/2016 13:35 | 12.71 | 67.57 | 0 | 0.01 | 0 | 0 | 0 | 0 | 31 | 1.9 | 0.94 | 35.7 | 10.9 | 2.07 | 42.811 | -78.8536 |
| 9/21/2016 13:34 | 12.69 | 89.79 | 0 | 0.01 | 0 | 0 | 0 | 0 | 32 | 0.7 | 0.337 | 35.7 | 10.9 | 2.35 | 42.811 | -78.8536 |
| 9/21/2016 13:33 | 12.72 | 65.12 | 0 | 0.01 | 0 | 0 | 0 | 0 | 32 | 1.5 | 0.433 | 35.7 | 10.9 | 3.07 | 42.811 | -78.8536 |
| 9/21/2016 13:32 | 12.71 | 68.35 | 0 | 0.01 | 0 | 0 | 0 | 0 | 32 | 0.8 | 0.337 | 35.6 | 11 | 2.99 | 42.811 | -78.8536 |
| 9/21/2016 13:31 | 12.71 | 70.16 | 0 | 0.01 | 0 | 0 | 0 | 0 | 32 | 1.5 | 0.529 | 35.6 | 11 | 2.97 | 42.811 | -78.8536 |
| 9/21/2016 13:30 | 12.72 | 65.5 | 0 | 0.01 | 0 | 0 | 0 | 0 | 31 | 2.1 | 0.929 | 35.6 | 11 | 2.92 | 42.811 | -78.8536 |
| 9/21/2016 13:29 | 12.71 | 68.99 | 0 | 0.01 | 0 | 0 | 0 | 0 | 32 | 1.2 | 0.353 | 35.6 | 11 | 2.91 | 42.811 | -78.8536 |
| 9/21/2016 13:28 | 12.71 | 65.63 | 0 | 0.01 | 0 | 0 | 0 | 0 | 32 | 1.1 | 0.368 | 35.6 | 11 | 2.9 | 42.811 | -78.8536 |
| 9/21/2016 13:27 | 12.71 | 68.22 | 0 | 0.01 | 0 | 0 | 0 | 0 | 32 | 2.5 | 1.631 | 35.5 | 11 | 3.17 | 42.811 | -78.8536 |
| 9/21/2016 13:26 | 12.71 | 74.29 | 0 | 0.01 | 0 | 0 | 0 | 0 | 31 | 1.2 | 0.337 | 35.6 | 11 | 3.23 | 42.811 | -78.8536 |
| 9/21/2016 13:25 | 12.72 | 68.73 | 0 | 0.01 | 0 | 0 | 0 | 0 | 31 | 0.3 | 0.337 | 35.5 | 11.1 | 3.82 | 42.811 | -78.8536 |
| 9/21/2016 13:24 | 12.71 | 70.16 | 0 | 0.01 | 0 | 0 | 0 | 0 | 31 | 1.4 | 0.339 | 35.5 | 11.1 | 3.91 | 42.8109 | -78.8536 |
| 9/21/2016 13:23 | 12.72 | 64.99 | 0 | 0.01 | 0 | 0 | 0 | 0 | 32 | 0.7 | 0.337 | 35.5 | 11.1 | 4.05 | 42.811 | -78.8536 |
| 9/21/2016 13:22 | 12.71 | 67.44 | 0 | 0.01 | 0 | 0 | 0 | 0 | 32 | 11.7 | 4 | 35.5 | 11.1 | 5.83 | 42.8109 | -78.8536 |
| 9/21/2016 13:21 | 12.72 | 69.51 | 0 | 0.01 | 0 | 0 | 0 | 0 | 32 | 2.4 | 0.556 | 35.5 | 11.1 | 6.32 | 42.811 | -78.8536 |
| 9/21/2016 13:20 | 12.72 | 65.5 | 0 | 0.01 | 0 | 0 | 0 | 0 | 32 | 6.2 | 4 | 35.5 | 11.2 | 6.56 | 42.811 | -78.8536 |
| 9/21/2016 13:19 | 12.72 | 66.28 | 0 | 0.01 | 0 | 0 | 0 | 0 | 32 | 11.4 | 4 | 35.4 | 11.2 | 6.25 | 42.811 | -78.8536 |
| 9/21/2016 13:18 | 12.72 | 70.93 | 0 | 0.01 | 0 | 0 | 0 | 0 | 31 | 0.3 | 0.337 | 35.5 | 11.2 | 5.64 | 42.811 | -78.8536 |
| 9/21/2016 13:17 | 12.72 | 70.03 | 0 | 0.01 | 0 | 0 | 0 | 0 | 32 | 0.6 | 0.361 | 35.5 | 11.2 | 5.83 | 42.811 | -78.8536 |
| 9/21/2016 13:16 | 12.71 | 68.99 | 0 | 0.01 | 0 | 0 | 0 | 0 | 31 | 0.7 | 0.465 | 35.3 | 11.2 | 5.83 | 42.811 | -78.8536 |

| Timestamp (GMT-4) | Batt. Voltage (V) | Current (mA) | Low (ppm) | Peak (ppm) | STEL (ppm) | TWA (ppm) | VOC (ppm) | VOC (Avg15) (ppm) | Humidity (%) | Mass (µg/m³) | Particle size (µm) | Temperature (°C) | TWA (µg/m³) | Mass (Avg15) (µg/m³) | Latitude | Longitude |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 9/21/2016 13:15 | 12.72 | 64.99 | 0 | 0.01 | 0 | 0 | 0 | 0 | 32 | 2 | 0.588 | 35.3 | 11.3 | 5.84 | 42.811 | -78.8536 |
| 9/21/2016 13:14 | 12.72 | 66.93 | 0 | 0.01 | 0 | 0 | 0 | 0 | 31 | 1 | 0.491 | 35.4 | 11.3 | 6.07 | 42.811 | -78.8536 |
| 9/21/2016 13:13 | 12.72 | 64.86 | 0 | 0.01 | 0 | 0 | 0 | 0 | 31 | 5.2 | 0.652 | 35.4 | 11.3 | 6.03 | 42.811 | -78.8536 |
| 9/21/2016 13:12 | 12.72 | 66.41 | 0 | 0.01 | 0 | 0 | 0 | 0 | 31 | 3.3 | 0.758 | 35.4 | 11.3 | 6.19 | 42.811 | -78.8536 |
| 9/21/2016 13:11 | 12.72 | 68.73 | 0 | 0.01 | 0 | 0 | 0 | 0 | 31 | 10.1 | 4 | 35.2 | 11.3 | 6.71 | 42.811 | -78.8536 |
| 9/21/2016 13:10 | 12.73 | 67.57 | 0 | 0.01 | 0 | 0 | 0 | 0 | 31 | 1.6 | 0.562 | 35.2 | 11.4 | 6.17 | 42.811 | -78.8536 |
| 9/21/2016 13:09 | 12.71 | 74.03 | 0 | 0.01 | 0 | 0 | 0 | 0 | 31 | 3.5 | 1.144 | 35.2 | 11.4 | 6.34 | 42.811 | -78.8536 |
| 9/21/2016 13:08 | 12.72 | 65.25 | 0 | 0.01 | 0 | 0 | 0 | 0 | 31 | 27.4 | 4 | 35.2 | 11.4 | 6.63 | 42.8109 | -78.8536 |
| 9/21/2016 13:07 | 12.72 | 72.35 | 0 | 0.01 | 0 | 0 | 0 | 0 | 31 | 19.1 | 4 | 35.2 | 11.4 | 6.37 | 42.8109 | -78.8536 |
| 9/21/2016 13:06 | 12.72 | 69.12 | 0 | 0.01 | 0 | 0 | 0 | 0 | 31 | 6 | 0.469 | 35.2 | 11.4 | 5.16 | 42.8109 | -78.8536 |
| 9/21/2016 13:05 | 12.69 | 79.72 | 0 | 0.01 | 0 | 0 | 0 | 0 | 31 | 1.5 | 0.638 | 35.2 | 11.4 | 5.75 | 42.811 | -78.8536 |
| 9/21/2016 13:04 | 12.73 | 67.18 | 0 | 0.01 | 0 | 0 | 0 | 0 | 31 | 2.3 | 0.477 | 35.1 | 11.4 | 5.75 | 42.811 | -78.8536 |
| 9/21/2016 13:03 | 12.73 | 68.99 | 0 | 0.01 | 0 | 0 | 0 | 0 | 30 | 3.1 | 1.089 | 35.1 | 11.4 | 6.53 | 42.811 | -78.8536 |
| 9/21/2016 13:02 | 12.72 | 64.6 | 0 | 0.01 | 0 | 0 | 0 | 0 | 31 | 0.6 | 0.337 | 35.1 | 11.4 | 6.49 | 42.811 | -78.8536 |
| 9/21/2016 13:01 | 12.72 | 67.7 | 0 | 0.01 | 0 | 0 | 0 | 0 | 31 | 0.9 | 0.513 | 35.1 | 11.5 | 6.69 | 42.811 | -78.8536 |
| 9/21/2016 13:00 | 12.7 | 89.15 | 0 | 0.01 | 0 | 0 | 0 | 0 | 31 | 5.5 | 1.274 | 35 | 11.5 | 6.77 | 42.811 | -78.8536 |
| 9/21/2016 12:59 | 12.71 | 69.25 | 0 | 0.01 | 0 | 0 | 0 | 0 | 31 | 0.3 | 0.337 | 35 | 11.5 | 6.62 | 42.811 | -78.8536 |
| 9/21/2016 12:58 | 12.73 | 65.89 | 0 | 0.01 | 0 | 0 | 0 | 0 | 32 | 7.6 | 1.262 | 34.9 | 11.5 | 7 | 42.811 | -78.8536 |
| 9/21/2016 12:57 | 12.73 | 66.02 | 0 | 0.01 | 0 | 0 | 0 | 0 | 31 | 11.2 | 4 | 35 | 11.6 | 6.53 | 42.811 | -78.8536 |
| 9/21/2016 12:56 | 12.72 | 78.42 | 0 | 0.01 | 0 | 0 | 0 | 0 | 32 | 1.9 | 0.891 | 34.8 | 11.6 | 7.01 | 42.811 | -78.8536 |
| 9/21/2016 12:55 | 12.72 | 74.03 | 0 | 0.01 | 0 | 0 | 0 | 0 | 32 | 4.2 | 1.615 | 34.9 | 11.6 | 7.01 | 42.811 | -78.8536 |
| 9/21/2016 12:54 | 12.73 | 64.99 | 0 | 0.01 | 0 | 0 | 0 | 0 | 33 | 7.8 | 1.074 | 34.8 | 11.6 | 7.05 | 42.8109 | -78.8536 |
| 9/21/2016 12:53 | 12.72 | 68.35 | 0 | 0.01 | 0 | 0 | 0 | 0 | 32 | 23.5 | 4 | 34.8 | 11.6 | 7.11 | 42.811 | -78.8536 |
| 9/21/2016 12:52 | 12.72 | 68.99 | 0 | 0.01 | 0 | 0 | 0 | 0 | 32 | 1 | 0.337 | 34.7 | 11.6 | 5.87 | 42.811 | -78.8536 |
| 9/21/2016 12:51 | 12.73 | 71.32 | 0 | 0.01 | 0 | 0 | 0 | 0 | 32 | 14.9 | 4 | 34.7 | 11.7 | 6.85 | 42.811 | -78.8536 |
| 9/21/2016 12:50 | 12.72 | 77.91 | 0 | 0.01 | 0 | 0 | 0 | 0 | 32 | 1.4 | 0.337 | 34.7 | 11.7 | 5.93 | 42.811 | -78.8536 |
| 9/21/2016 12:49 | 12.73 | 65.89 | 0 | 0.01 | 0 | 0 | 0 | 0 | 33 | 14.1 | 4 | 34.6 | 11.7 | 6.32 | 42.811 | -78.8536 |
| 9/21/2016 12:48 | 12.72 | 73.39 | 0 | 0.01 | 0 | 0 | 0 | 0 | 32 | 2.5 | 0.353 | 34.5 | 11.7 | 6.22 | 42.811 | -78.8536 |
| 9/21/2016 12:47 | 12.73 | 73.51 | 0 | 0.01 | 0 | 0 | 0 | 0 | 33 | 3.6 | 0.712 | 34.6 | 11.7 | 6.28 | 42.811 | -78.8536 |
| 9/21/2016 12:46 | 12.71 | 86.43 | 0 | 0.01 | 0 | 0 | 0 | 0 | 32 | 2.1 | 0.961 | 34.5 | 11.7 | 6.11 | 42.811 | -78.8536 |
| 9/21/2016 12:45 | 12.7 | 86.95 | 0 | 0.01 | 0 | 0 | 0 | 0 | 33 | 3.2 | 0.458 | 34.5 | 11.7 | 6.21 | 42.8109 | -78.8535 |
| 9/21/2016 12:44 | 12.72 | 76.36 | 0 | 0.01 | 0 | 0 | 0 | 0 | 33 | 6 | 4 | 34.5 | 11.8 | 6.34 | 42.811 | -78.8535 |
| 9/21/2016 12:43 | 12.73 | 65.5 | 0 | 0.01 | 0 | 0 | 0 | 0 | 33 | 0.6 | 0.462 | 34.4 | 11.8 | 6.1 | 42.811 | -78.8536 |
| 9/21/2016 12:42 | 12.7 | 82.56 | 0 | 0.01 | 0 | 0 | 0 | 0 | 34 | 18.3 | 4 | 34.4 | 11.8 | 6.19 | 42.811 | -78.8536 |
| 9/21/2016 12:41 | 12.72 | 68.73 | 0 | 0.01 | 0 | 0 | 0 | 0 | 33 | 2 | 1.188 | 34.3 | 11.8 | 5.17 | 42.811 | -78.8536 |
| 9/21/2016 12:40 | 12.73 | 68.22 | 0 | 0.01 | 0 | 0 | 0 | 0 | 33 | 4.7 | 1.551 | 34.2 | 11.8 | 5.48 | 42.811 | -78.8536 |
| 9/21/2016 12:39 | 12.72 | 72.09 | 0 | 0.01 | 0 | 0 | 0 | 0 | 32 | 8.8 | 4 | 34.2 | 11.8 | 5.5 | 42.811 | -78.8536 |
| 9/21/2016 12:38 | 12.72 | 70.93 | 0 | 0.01 | 0 | 0 | 0 | 0 | 33 | 4.9 | 4 | 34.2 | 11.8 | 5.21 | 42.811 | -78.8536 |
| 9/21/2016 12:37 | 12.72 | 66.54 | 0 | 0.01 | 0 | 0 | 0 | 0 | 33 | 15.6 | 4 | 34.1 | 11.9 | 5.44 | 42.811 | -78.8536 |
| 9/21/2016 12:36 | 12.73 | 67.31 | 0 | 0.01 | 0 | 0 | 0 | 0 | 34 | 1.1 | 0.819 | 34.2 | 11.9 | 4.72 | 42.811 | -78.8536 |
| 9/21/2016 12:35 | 12.72 | 68.09 | 0 | 0.01 | 0 | 0 | 0 | 0 | 33 | 7.3 | 4 | 34.1 | 11.9 | 5.01 | 42.811 | -78.8536 |
| 9/21/2016 12:34 | 12.72 | 72.74 | 0 | 0.01 | 0 | 0 | 0 | 0 | 33 | 12.6 | 1.148 | 34 | 11.9 | 4.8 | 42.811 | -78.8536 |
| 9/21/2016 12:33 | 12.73 | 65.12 | 0 | 0.01 | 0 | 0 | 0 | 0 | 34 | 3.4 | 0.6 | 34 | 11.9 | 4.49 | 42.811 | -78.8536 |
| 9/21/2016 12:32 | 12.73 | 72.35 | 0 | 0.01 | 0 | 0 | 0 | 0 | 33 | 1 | 0.396 | 34 | 12 | 4.65 | 42.811 | -78.8536 |
| 9/21/2016 12:31 | 12.73 | 67.7 | 0 | 0.01 | 0 | 0 | 0 | 0 | 33 | 3.6 | 1.395 | 34 | 12 | 4.91 | 42.811 | -78.8536 |
| 9/21/2016 12:30 | 12.72 | 71.71 | 0 | 0.01 | 0 | 0 | 0 | 0 | 34 | 5.2 | 0.695 | 34 | 12 | 4.87 | 42.811 | -78.8536 |

| Timestamp (GMT-4) | Batt. Voltage (V) | Current (mA) | Low (ppm) | Peak (ppm) | STEL (ppm) | TWA (ppm) | VOC (ppm) | VOC (Avg15) (ppm) | Humidity (%) | Mass (µg/m³) | Particle size (µm) | Temperature (℃) | TWA (µg/m³) | Mass (Avg15) (µg/m³) | Latitude | Longitude |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 9/21/2016 12:29 | 12.7 | 86.05 | 0 | 0.01 | 0 | 0 | 0 | 0 | 34 | 2.4 | 0.575 | 33.9 | 12 | 4.81 | 42.811 | -78.8536 |
| 9/21/2016 12:28 | 12.72 | 72.22 | 0 | 0.01 | 0 | 0 | 0 | 0 | 34 | 1.9 | 0.428 | 33.8 | 12.1 | 4.91 | 42.811 | -78.8536 |
| 9/21/2016 12:27 | 12.73 | 67.18 | 0 | 0.01 | 0 | 0 | 0 | 0 | 34 | 3.1 | 0.551 | 33.8 | 12.1 | 4.94 | 42.811 | -78.8536 |
| 9/21/2016 12:26 | 12.73 | 71.32 | 0 | 0.01 | 0 | 0 | 0 | 0 | 34 | 6.6 | 2.672 | 33.8 | 12.1 | 5.48 | 42.811 | -78.8536 |
| 9/21/2016 12:25 | 12.73 | 69.12 | 0 | 0.01 | 0 | 0 | 0 | 0 | 34 | 5 | 1.845 | 33.7 | 12.1 | 5.37 | 42.811 | -78.8536 |
| 9/21/2016 12:24 | 12.73 | 68.73 | 0 | 0.01 | 0 | 0 | 0 | 0 | 34 | 4.5 | 1.743 | 33.7 | 12.1 | 6.14 | 42.811 | -78.8536 |
| 9/21/2016 12:23 | 12.74 | 66.28 | 0 | 0.01 | 0 | 0 | 0 | 0 | 34 | 8.3 | 4 | 33.7 | 12.2 | 6.62 | 42.811 | -78.8536 |
| 9/21/2016 12:22 | 12.71 | 85.27 | 0 | 0.01 | 0 | 0 | 0 | 0 | 34 | 4.8 | 1.301 | 33.7 | 12.2 | 6.61 | 42.811 | -78.8536 |
| 9/21/2016 12:21 | 12.71 | 88.63 | 0 | 0.01 | 0 | 0 | 0 | 0 | 34 | 5.4 | 3.603 | 33.7 | 12.2 | 6.95 | 42.811 | -78.8536 |
| 9/21/2016 12:20 | 12.73 | 70.28 | 0 | 0.01 | 0 | 0 | 0 | 0 | 34 | 4.2 | 4 | 33.7 | 12.2 | 7.09 | 42.811 | -78.8536 |
| 9/21/2016 12:19 | 12.74 | 64.86 | 0 | 0.01 | 0 | 0 | 0 | 0 | 34 | 7.9 | 1.265 | 33.6 | 12.3 | 7.34 | 42.811 | -78.8536 |
| 9/21/2016 12:18 | 12.72 | 75.58 | 0 | 0.01 | 0 | 0 | 0 | 0 | 34 | 5.8 | 4 | 33.6 | 12.3 | 7.23 | 42.811 | -78.8536 |
| 9/21/2016 12:17 | 12.73 | 70.54 | 0 | 0.01 | 0 | 0 | 0 | 0 | 33 | 4.9 | 0.829 | 33.5 | 12.3 | 7.22 | 42.811 | -78.8536 |
| 9/21/2016 12:16 | 12.72 | 73.39 | 0 | 0.01 | 0 | 0 | 0 | 0 | 34 | 3 | 0.908 | 33.5 | 12.3 | 7.38 | 42.811 | -78.8535 |
| 9/21/2016 12:15 | 12.72 | 71.71 | 0 | 0.01 | 0 | 0 | 0 | 0 | 35 | 4.4 | 1.538 | 33.4 | 12.3 | 7.57 | 42.811 | -78.8535 |
| 9/21/2016 12:14 | 12.74 | 65.76 | 0 | 0.01 | 0 | 0 | 0 | 0 | 35 | 3.9 | 0.704 | 33.4 | 12.3 | 7.7 | 42.811 | -78.8536 |
| 9/21/2016 12:13 | 12.73 | 68.99 | 0 | 0.01 | 0 | 0 | 0 | 0 | 34 | 2.3 | 0.731 | 33.4 | 12.4 | 7.75 | 42.811 | -78.8536 |
| 9/21/2016 12:12 | 12.74 | 64.73 | 0 | 0.01 | 0 | 0 | 0 | 0 | 34 | 11.2 | 1.387 | 33.3 | 12.4 | 7.98 | 42.811 | -78.8536 |
| 9/21/2016 12:11 | 12.74 | 66.28 | 0 | 0.01 | 0 | 0 | 0 | 0 | 35 | 5 | 1.343 | 33.3 | 12.4 | 7.47 | 42.811 | -78.8536 |
| 9/21/2016 12:10 | 12.7 | 86.05 | 0 | 0.01 | 0 | 0 | 0 | 0 | 35 | 16.5 | 4 | 33.3 | 12.4 | 7.46 | 42.811 | -78.8536 |
| 9/21/2016 12:09 | 12.73 | 66.15 | 0 | 0.01 | 0 | 0 | 0 | 0 | 34 | 11.7 | 4 | 33.2 | 12.4 | 6.63 | 42.811 | -78.8535 |
| 9/21/2016 12:08 | 12.73 | 66.8 | 0 | 0.01 | 0 | 0 | 0 | 0 | 34 | 8.2 | 4 | 33.1 | 12.4 | 6.6 | 42.811 | -78.8535 |
| 9/21/2016 12:07 | 12.73 | 65.63 | 0 | 0.01 | 0 | 0 | 0 | 0 | 35 | 9.8 | 4 | 33.1 | 12.5 | 6.37 | 42.811 | -78.8536 |
| 9/21/2016 12:06 | 12.73 | 73.64 | 0 | 0.01 | 0 | 0 | 0 | 0 | 35 | 7.5 | 4 | 33.1 | 12.5 | 8.01 | 42.811 | -78.8536 |
| 9/21/2016 12:05 | 12.73 | 66.15 | 0 | 0.01 | 0 | 0 | 0 | 0 | 35 | 8 | 4 | 33 | 12.5 | 8.29 | 42.811 | -78.8536 |
| 9/21/2016 12:04 | 12.72 | 77.39 | 0 | 0.01 | 0 | 0 | 0 | 0 | 35 | 6.2 | 1.137 | 33 | 12.5 | 8.36 | 42.811 | -78.8536 |
| 9/21/2016 12:03 | 12.74 | 68.99 | 0 | 0.01 | 0 | 0 | 0 | 0 | 35 | 5.7 | 1.554 | 33 | 12.5 | 9.63 | 42.811 | -78.8536 |
| 9/21/2016 12:02 | 12.73 | 71.58 | 0 | 0.01 | 0 | 0 | 0 | 0 | 34 | 7.3 | 4 | 33 | 12.5 | 9.7 | 42.811 | -78.8536 |
| 9/21/2016 12:01 | 12.72 | 77.52 | 0 | 0.01 | 0 | 0 | 0 | 0 | 34 | 5.8 | 0.876 | 32.9 | 12.5 | 9.97 | 42.811 | -78.8536 |
| 9/21/2016 12:00 | 12.73 | 73.39 | 0 | 0.01 | 0 | 0 | 0 | 0 | 35 | 6.4 | 1.277 | 32.8 | 12.6 | 10.78 | 42.811 | -78.8536 |
| 9/21/2016 11:59 | 12.74 | 69.25 | 0 | 0.01 | 0 | 0 | 0 | 0 | 34 | 4.6 | 2.858 | 32.8 | 12.6 | 10.67 | 42.811 | -78.8536 |
| 9/21/2016 11:58 | 12.73 | 67.44 | 0 | 0.01 | 0 | 0 | 0 | 0 | 34 | 5.8 | 1.176 | 32.7 | 12.6 | 10.99 | 42.811 | -78.8536 |
| 9/21/2016 11:57 | 12.73 | 68.86 | 0 | 0.01 | 0 | 0 | 0 | 0 | 35 | 3.5 | 2.042 | 32.7 | 12.6 | 11.36 | 42.811 | -78.8536 |
| 9/21/2016 11:56 | 12.72 | 82.43 | 0 | 0.01 | 0 | 0 | 0 | 0 | 36 | 4.9 | 1.124 | 32.7 | 12.7 | 12.2 | 42.811 | -78.8536 |
| 9/21/2016 11:55 | 12.73 | 68.73 | 0 | 0.01 | 0 | 0 | 0 | 0 | 36 | 4.1 | 1.386 | 32.6 | 12.7 | 12.2 | 42.811 | -78.8536 |
| 9/21/2016 11:54 | 12.72 | 71.06 | 0 | 0.01 | 0 | 0 | 0 | 0 | 36 | 11.2 | 4 | 32.6 | 12.7 | 12.27 | 42.811 | -78.8536 |
| 9/21/2016 11:53 | 12.73 | 67.31 | 0 | 0.01 | 0 | 0 | 0 | 0 | 36 | 4.7 | 4 | 32.6 | 12.7 | 12.01 | 42.811 | -78.8536 |
| 9/21/2016 11:52 | 12.74 | 64.21 | 0 | 0.01 | 0 | 0 | 0 | 0 | 35 | 34.4 | 4 | 32.6 | 12.7 | 12.19 | 42.811 | -78.8536 |
| 9/21/2016 11:51 | 12.74 | 71.06 | 0 | 0.01 | 0 | 0 | 0 | 0 | 35 | 11.8 | 4 | 32.4 | 12.7 | 13.32 | 42.811 | -78.8536 |
| 9/21/2016 11:50 | 12.74 | 72.74 | 0 | 0.01 | 0 | 0 | 0 | 0 | 36 | 9 | 4 | 32.4 | 12.7 | 13.23 | 42.811 | -78.8536 |
| 9/21/2016 11:49 | 12.72 | 83.33 | 0 | 0.01 | 0 | 0 | 0 | 0 | 35 | 25.3 | 4 | 32.3 | 12.7 | 13.31 | 42.811 | -78.8536 |
| 9/21/2016 11:48 | 12.74 | 66.41 | 0 | 0.01 | 0 | 0 | 0 | 0 | 36 | 6.7 | 4 | 32.2 | 12.7 | 12.47 | 42.811 | -78.8536 |
| 9/21/2016 11:47 | 12.72 | 82.69 | 0 | 0.01 | 0 | 0 | 0 | 0 | 36 | 11.4 | 4 | 32.2 | 12.7 | 12.92 | 42.811 | -78.8536 |
| 9/21/2016 11:46 | 12.74 | 69.9 | 0 | 0.01 | 0 | 0 | 0 | 0 | 35 | 17.9 | 4 | 32.1 | 12.6 | 12.99 | 42.811 | -78.8536 |
| 9/21/2016 11:45 | 12.72 | 84.5 | 0 | 0.01 | 0 | 0 | 0 | 0 | 36 | 4.7 | 3.102 | 32.1 | 12.6 | 12.57 | 42.811 | -78.8536 |
| 9/21/2016 11:44 | 12.73 | 69.9 | 0 | 0.01 | 0 | 0 | 0 | 0 | 36 | 9.5 | 4 | 32.1 | 12.6 | 13.14 | 42.811 | -78.8536 |

| Timestamp (GMT-4) | Batt. Voltage (V) | Current (mA) | Low (ppm) | Peak (ppm) | STEL (ppm) | TWA (ppm) | VOC (ppm) | VOC (Avg15) (ppm) | Humidity (%) | Mass (µg/m³) | Particle size (µm) | Temperature (°C) | TWA (µg/m³) | Mass (Avg15) (µg/m³) | Latitude | Longitude |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 9/21/2016 11:43 | 12.74 | 74.42 | 0 | 0.01 | 0 | 0 | 0 | 0 | 36 | 11.3 | 4 | 32 | 12.6 | 20.5 | 42.811 | -78.8536 |
| 9/21/2016 11:42 | 12.72 | 83.72 | 0 | 0.01 | 0 | 0 | 0 | 0 | 36 | 16.1 | 4 | 32 | 12.6 | 20.42 | 42.811 | -78.8536 |
| 9/21/2016 11:41 | 12.71 | 87.98 | 0 | 0.01 | 0 | 0 | 0 | 0 | 36 | 4.9 | 0.922 | 31.9 | 12.6 | 19.97 | 42.811 | -78.8535 |
| 9/21/2016 11:40 | 12.74 | 68.73 | 0 | 0.01 | 0 | 0 | 0 | 0 | 36 | 5.1 | 1.007 | 31.8 | 12.6 | 20.4 | 42.811 | -78.8536 |
| 9/21/2016 11:39 | 12.74 | 67.05 | 0 | 0.01 | 0 | 0 | 0 | 0 | 37 | 7.4 | 0.937 | 31.8 | 12.6 | 21.41 | 42.811 | -78.8536 |
| 9/21/2016 11:38 | 12.74 | 65.63 | 0 | 0.01 | 0 | 0 | 0 | 0 | 37 | 7.4 | 4 | 31.7 | 12.7 | 22.27 | 42.811 | -78.8536 |
| 9/21/2016 11:37 | 12.73 | 72.87 | 0 | 0.01 | 0 | 0 | 0 | 0 | 37 | 51.3 | 4 | 31.7 | 12.7 | 23.33 | 42.811 | -78.8535 |
| 9/21/2016 11:36 | 12.74 | 64.86 | 0 | 0.01 | 0 | 0 | 0 | 0 | 36 | 10.4 | 4 | 31.6 | 12.6 | 22.19 | 42.811 | -78.8536 |
| 9/21/2016 11:35 | 12.74 | 66.54 | 0 | 0.01 | 0 | 0 | 0 | 0 | 37 | 10.2 | 4 | 31.6 | 12.6 | 22.68 | 42.811 | -78.8536 |
| 9/21/2016 11:34 | 12.75 | 66.41 | 0 | 0.01 | 0 | 0 | 0 | 0 | 37 | 12.8 | 4 | 31.5 | 12.6 | 23.33 | 42.811 | -78.8536 |
| 9/21/2016 11:33 | 12.74 | 70.16 | 0 | 0.01 | 0 | 0 | 0 | 0 | 37 | 13.4 | 4 | 31.5 | 12.6 | 23.54 | 42.811 | -78.8536 |
| 9/21/2016 11:32 | 12.74 | 69.64 | 0 | 0.01 | 0 | 0 | 0 | 0 | 37 | 12.4 | 4 | 31.3 | 12.6 | 24.15 | 42.811 | -78.8535 |
| 9/21/2016 11:31 | 12.74 | 70.16 | 0 | 0.01 | 0 | 0 | 0 | 0 | 37 | 11.6 | 4 | 31.2 | 12.6 | 24.49 | 42.811 | -78.8536 |
| 9/21/2016 11:30 | 12.74 | 66.41 | 0 | 0.01 | 0 | 0 | 0 | 0 | 38 | 13.3 | 4 | 31.2 | 12.6 | 24.89 | 42.811 | -78.8536 |
| 9/21/2016 11:29 | 12.72 | 75.71 | 0 | 0.01 | 0 | 0 | 0 | 0 | 38 | 119.9 | 4 | 31.2 | 12.5 | 25.09 | 42.811 | -78.8536 |
| 9/21/2016 11:28 | 12.73 | 71.45 | 0 | 0.01 | 0 | 0 | 0 | 0 | 38 | 10.1 | 4 | 31.1 | 12.4 | 18.21 | 42.811 | -78.8536 |
| 9/21/2016 11:27 | 12.74 | 70.8 | 0 | 0.01 | 0 | 0 | 0 | 0 | 38 | 9.3 | 2.98 | 31 | 12.3 | 18.53 | 42.811 | -78.8536 |
| 9/21/2016 11:26 | 12.74 | 68.99 | 0 | 0.01 | 0 | 0 | 0 | 0 | 37 | 11.4 | 4 | 30.8 | 12.3 | 19.11 | 42.811 | -78.8536 |
| 9/21/2016 11:25 | 12.74 | 71.58 | 0 | 0.01 | 0 | 0 | 0 | 0 | 37 | 20.3 | 4 | 30.9 | 12.2 | 19.43 | 42.811 | -78.8536 |
| 9/21/2016 11:24 | 12.73 | 66.41 | 0 | 0.01 | 0 | 0 | 0 | 0 | 37 | 20.3 | 4 | 30.8 | 12.2 | 18.84 | 42.811 | -78.8536 |
| 9/21/2016 11:23 | 12.74 | 68.09 | 0 | 0.01 | 0 | 0 | 0 | 0 | 37 | 23.2 | 4 | 30.7 | 12.2 | 18.63 | 42.811 | -78.8536 |
| 9/21/2016 11:22 | 12.72 | 74.94 | 0 | 0.01 | 0 | 0 | 0 | 0 | 37 | 34.2 | 4 | 30.7 | 12.1 | 19.25 | 42.811 | -78.8536 |
| 9/21/2016 11:21 | 12.74 | 68.86 | 0 | 0.01 | 0 | 0 | 0 | 0 | 37 | 17.8 | 4 | 30.6 | 12 | 20.78 | 42.811 | -78.8536 |
| 9/21/2016 11:20 | 12.72 | 77.65 | 0 | 0.01 | 0 | 0 | 0 | 0 | 37 | 19.9 | 4 | 30.6 | 12 | 20.39 | 42.811 | -78.8536 |
| 9/21/2016 11:19 | 12.73 | 69.9 | 0 | 0.01 | 0 | 0 | 0 | 0 | 38 | 16 | 4 | 30.4 | 12 | 20.23 | 42.811 | -78.8536 |
| 9/21/2016 11:18 | 12.74 | 66.41 | 0 | 0.01 | 0 | 0 | 0 | 0 | 37 | 22.6 | 4 | 30.4 | 11.9 | 19.6 | 42.811 | -78.8536 |
| 9/21/2016 11:17 | 12.73 | 72.61 | 0 | 0.01 | 0 | 0 | 0 | 0 | 38 | 17.4 | 4 | 30.3 | 11.9 | 19.31 | 42.811 | -78.8536 |
| 9/21/2016 11:16 | 12.72 | 74.55 | 0 | 0.01 | 0 | 0 | 0 | 0 | 38 | 17.7 | 4 | 30.3 | 11.9 | 19.37 | 42.811 | -78.8536 |
| 9/21/2016 11:15 | 12.73 | 70.28 | 0 | 0.01 | 0 | 0 | 0 | 0 | 38 | 16.2 | 4 | 30.2 | 11.8 | 18.82 | 42.811 | -78.8536 |
| 9/21/2016 11:14 | 12.74 | 66.02 | 0 | 0.01 | 0 | 0 | 0 | 0 | 39 | 16.8 | 4 | 30.2 | 11.8 | 18.75 | 42.811 | -78.8536 |
| 9/21/2016 11:13 | 12.73 | 72.87 | 0 | 0.01 | 0 | 0 | 0 | 0 | 39 | 14.8 | 4 | 30.1 | 11.8 | 18.17 | 42.811 | -78.8536 |
| 9/21/2016 11:12 | 12.71 | 83.72 | 0 | 0.01 | 0 | 0 | 0 | 0 | 39 | 18.1 | 4 | 30 | 11.7 | 17.99 | 42.811 | -78.8536 |
| 9/21/2016 11:11 | 12.74 | 69.77 | 0 | 0.01 | 0 | 0 | 0 | 0 | 39 | 16.1 | 4 | 30 | 11.7 | 18.26 | 42.811 | -78.8536 |
| 9/21/2016 11:10 | 12.74 | 71.06 | 0 | 0.01 | 0 | 0 | 0 | 0 | 38 | 11.5 | 4 | 29.8 | 11.7 | 17.55 | 42.811 | -78.8536 |
| 9/21/2016 11:09 | 12.74 | 71.06 | 0 | 0.01 | 0 | 0 | 0 | 0 | 39 | 17.2 | 4 | 29.7 | 11.7 | 17.74 | 42.811 | -78.8536 |
| 9/21/2016 11:08 | 12.71 | 85.79 | 0 | 0.01 | 0 | 0 | 0 | 0 | 38 | 32.4 | 4 | 29.7 | 11.6 | 16.99 | 42.811 | -78.8536 |
| 9/21/2016 11:07 | 12.74 | 67.44 | 0 | 0.01 | 0 | 0 | 0 | 0 | 38 | 57.2 | 4 | 29.7 | 11.5 | 15.41 | 42.811 | -78.8536 |
| 9/21/2016 11:06 | 12.72 | 87.08 | 0 | 0.01 | 0 | 0 | 0 | 0 | 38 | 12 | 4 | 29.6 | 11.4 | 12.12 | 42.811 | -78.8536 |
| 9/21/2016 11:05 | 12.73 | 71.96 | 0 | 0.01 | 0 | 0 | 0 | 0 | 38 | 17.4 | 4 | 29.5 | 11.4 | 12.37 | 42.811 | -78.8536 |
| 9/21/2016 11:04 | 12.74 | 66.54 | 0 | 0.01 | 0 | 0 | 0 | 0 | 38 | 6.6 | 4 | 29.5 | 11.4 | 11.72 | 42.811 | -78.8536 |
| 9/21/2016 11:03 | 12.72 | 83.85 | 0 | 0.01 | 0 | 0 | 0 | 0 | 38 | 18.2 | 4 | 29.3 | 11.4 | 11.63 | 42.811 | -78.8536 |
| 9/21/2016 11:02 | 12.73 | 68.86 | 0 | 0.01 | 0 | 0 | 0 | 0 | 38 | 18.4 | 4 | 29.2 | 11.4 | 10.63 | 42.811 | -78.8536 |
| 9/21/2016 11:01 | 12.72 | 73.51 | 0 | 0.01 | 0 | 0 | 0 | 0 | 38 | 9.4 | 4 | 29.2 | 11.4 | 9.5 | 42.811 | -78.8536 |
| 9/21/2016 11:00 | 12.73 | 68.22 | 0 | 0.01 | 0 | 0 | 0 | 0 | 38 | 15.1 | 4 | 29.1 | 11.3 | 9.07 | 42.811 | -78.8536 |
| 9/21/2016 10:59 | 12.71 | 88.63 | 0 | 0.01 | 0 | 0 | 0 | 0 | 39 | 8.2 | 4 | 29 | 11.4 | 8.41 | 42.811 | -78.8536 |
| 9/21/2016 10:58 | 12.73 | 68.48 | 0 | 0.01 | 0 | 0 | 0 | 0 | 39 | 12 | 4 | 29 | 11.4 | 8.43 | 42.811 | -78.8536 |

| Timestamp (GMT-4) | Batt. Voltage (V) | Current (mA) | Low (ppm) | Peak (ppm) | STEL (ppm) | TWA (ppm) | VOC (ppm) | VOC (Avg15) (ppm) | Humidity (%) | Mass (µg/m³) | Particle size (µm) | Temperature (℃) | TWA (µg/m³) | Mass (Avg15) (µg/m³) | Latitude | Longitude |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 9/21/2016 10:57 | 12.72 | 81.4 | 0 | 0.01 | 0 | 0 | 0 | 0 | 40 | 22.2 | 4 | 28.9 | 11.4 | 8.41 | 42.811 | -78.8536 |
| 9/21/2016 10:56 | 12.73 | 69.64 | 0 | 0.01 | 0 | 0 | 0 | 0 | 39 | 5.5 | 4 | 28.8 | 11.4 | 7.98 | 42.811 | -78.8536 |
| 9/21/2016 10:55 | 12.73 | 74.68 | 0 | 0.01 | 0 | 0 | 0 | 0 | 39 | 14.3 | 4 | 28.7 | 11.4 | 8.14 | 42.811 | -78.8536 |
| 9/21/2016 10:54 | 12.72 | 75.45 | 0 | 0.01 | 0 | 0 | 0 | 0 | 39 | 5.9 | 1.071 | 28.7 | 11.4 | 17.38 | 42.811 | -78.8536 |
| 9/21/2016 10:53 | 12.74 | 68.6 | 0 | 0.01 | 0 | 0 | 0 | 0 | 38 | 8.8 | 4 | 28.5 | 11.4 | 17.38 | 42.811 | -78.8536 |
| 9/21/2016 10:52 | 12.74 | 70.93 | 0 | 0.01 | 0 | 0 | 0 | 0 | 39 | 7.8 | 4 | 28.5 | 11.4 | 17.55 | 42.811 | -78.8536 |
| 9/21/2016 10:51 | 12.72 | 84.63 | 0 | 0.01 | 0 | 0 | 0 | 0 | 39 | 15.7 | 4 | 28.4 | 11.4 | 17.56 | 42.811 | -78.8536 |
| 9/21/2016 10:50 | 12.72 | 84.37 | 0 | 0.01 | 0 | 0 | 0 | 0 | 38 | 7.7 | 4 | 28.3 | 11.4 | 16.87 | 42.811 | -78.8536 |
| 9/21/2016 10:49 | 12.73 | 69.38 | 0 | 0.01 | 0 | 0 | 0 | 0 | 38 | 5.2 | 1.628 | 28.2 | 11.4 | 16.73 | 42.811 | -78.8536 |
| 9/21/2016 10:48 | 12.74 | 65.63 | 0 | 0.01 | 0 | 0 | 0 | 0 | 37 | 3.2 | 0.462 | 28.2 | 11.5 | 16.75 | 42.811 | -78.8536 |
| 9/21/2016 10:47 | 12.71 | 84.88 | 0 | 0.01 | 0 | 0 | 0 | 0 | 38 | 1.5 | 0.557 | 28.1 | 11.5 | 16.8 | 42.811 | -78.8536 |
| 9/21/2016 10:46 | 12.73 | 68.73 | 0 | 0.01 | 0 | 0 | 0 | 0 | 39 | 2.9 | 0.685 | 28 | 11.5 | 17.2 | 42.811 | -78.8536 |
| 9/21/2016 10:45 | 12.73 | 70.67 | 0 | 0.01 | 0 | 0 | 0 | 0 | 39 | 5.3 | 0.669 | 27.9 | 11.6 | 17.53 | 42.811 | -78.8536 |
| 9/21/2016 10:44 | 12.73 | 67.44 | 0 | 0.01 | 0 | 0 | 0 | 0 | 39 | 8.5 | 4 | 27.7 | 11.6 | 17.51 | 42.811 | -78.8536 |
| 9/21/2016 10:43 | 12.71 | 85.27 | 0 | 0.01 | 0 | 0 | 0 | 0 | 39 | 11.7 | 4 | 27.7 | 11.6 | 17.34 | 42.811 | -78.8536 |
| 9/21/2016 10:42 | 12.74 | 68.22 | 0 | 0.01 | 0 | 0 | 0 | 0 | 40 | 15.7 | 4 | 27.6 | 11.6 | 16.79 | 42.811 | -78.8536 |
| 9/21/2016 10:41 | 12.72 | 75.84 | 0 | 0.01 | 0 | 0 | 0 | 0 | 40 | 7.9 | 4 | 27.6 | 11.6 | 15.95 | 42.811 | -78.8536 |
| 9/21/2016 10:40 | 12.74 | 65.37 | 0 | 0.01 | 0 | 0 | 0 | 0 | 40 | 152.9 | 4 | 27.5 | 11.5 | 15.66 | 42.811 | -78.8536 |
| 9/21/2016 10:39 | 12.73 | 77.78 | 0 | 0.01 | 0 | 0 | 0 | 0 | 40 | 5.9 | 4 | 27.3 | 10.9 | 5.77 | 42.811 | -78.8536 |
| 9/21/2016 10:38 | 12.72 | 75.06 | 0 | 0.01 | 0 | 0 | 0 | 0 | 40 | 11.4 | 4 | 27.3 | 10.9 | 5.74 | 42.811 | -78.8536 |
| 9/21/2016 10:37 | 12.74 | 68.73 | 0 | 0.01 | 0 | 0 | 0 | 0 | 41 | 7.9 | 1.372 | 27.2 | 10.9 | 5.77 | 42.811 | -78.8536 |
| 9/21/2016 10:36 | 12.73 | 71.06 | 0 | 0.01 | 0 | 0 | 0 | 0 | 41 | 5.4 | 0.928 | 27.1 | 10.9 | 5.54 | 42.811 | -78.8536 |
| 9/21/2016 10:35 | 12.73 | 72.74 | 0 | 0.01 | 0 | 0 | 0 | 0 | 41 | 5.5 | 1.027 | 27.1 | 10.9 | 5.86 | 42.811 | -78.8536 |
| 9/21/2016 10:34 | 12.74 | 65.89 | 0 | 0.01 | 0 | 0 | 0 | 0 | 41 | 5.6 | 0.785 | 27 | 11 | 5.95 | 42.811 | -78.8536 |
| 9/21/2016 10:33 | 12.74 | 66.02 | 0 | 0.01 | 0 | 0 | 0 | 0 | 42 | 3.9 | 0.713 | 26.9 | 11 | 5.83 | 42.811 | -78.8536 |
| 9/21/2016 10:32 | 12.73 | 73.39 | 0 | 0.01 | 0 | 0 | 0 | 0 | 41 | 7.5 | 4 | 26.8 | 11 | 5.77 | 42.811 | -78.8536 |
| 9/21/2016 10:31 | 12.74 | 63.31 | 0 | 0.01 | 0 | 0 | 0 | 0 | 42 | 7.8 | 4 | 26.7 | 11 | 5.67 | 42.811 | -78.8536 |
| 9/21/2016 10:30 | 12.71 | 87.08 | 0 | 0.01 | 0 | 0 | 0 | 0 | 42 | 5 | 0.501 | 26.7 | 11.1 | 5.4 | 42.811 | -78.8536 |
| 9/21/2016 10:29 | 12.73 | 66.67 | 0 | 0.01 | 0 | 0 | 0 | 0 | 43 | 6 | 4 | 26.6 | 11.1 | 6.95 | 42.811 | -78.8536 |
| 9/21/2016 10:28 | 12.73 | 65.89 | 0 | 0.01 | 0 | 0 | 0 | 0 | 43 | 3.5 | 0.731 | 26.5 | 11.1 | 7.12 | 42.811 | -78.8535 |
| 9/21/2016 10:27 | 12.73 | 68.22 | 0 | 0.01 | 0 | 0 | 0 | 0 | 43 | 3 | 0.463 | 26.4 | 11.2 | 7.29 | 42.811 | -78.8536 |
| 9/21/2016 10:26 | 12.71 | 85.4 | 0 | 0.01 | 0 | 0 | 0 | 0 | 43 | 3.6 | 0.513 | 26.3 | 11.2 | 7.47 | 42.811 | -78.8536 |
| 9/21/2016 10:25 | 12.74 | 67.18 | 0 | 0.01 | 0 | 0 | 0 | 0 | 43 | 4.5 | 0.856 | 26.2 | 11.2 | 7.53 | 42.811 | -78.8535 |
| 9/21/2016 10:24 | 12.72 | 85.14 | 0 | 0.01 | 0 | 0 | 0 | 0 | 42 | 5.5 | 1.562 | 26.1 | 11.3 | 7.44 | 42.811 | -78.8535 |
| 9/21/2016 10:23 | 12.74 | 65.25 | 0 | 0.01 | 0 | 0 | 0 | 0 | 41 | 11.9 | 4 | 26 | 11.3 | 7.48 | 42.811 | -78.8536 |
| 9/21/2016 10:22 | 12.7 | 82.95 | 0 | 0.01 | 0 | 0 | 0 | 0 | 42 | 4.4 | 0.995 | 25.9 | 11.3 | 7.05 | 42.811 | -78.8536 |
| 9/21/2016 10:21 | 12.74 | 68.09 | 0 | 0.01 | 0 | 0 | 0 | 0 | 43 | 10.2 | 4 | 25.8 | 11.3 | 7.16 | 42.811 | -78.8536 |
| 9/21/2016 10:20 | 12.73 | 71.96 | 0 | 0.01 | 0 | 0 | 0 | 0 | 43 | 6.8 | 4 | 25.8 | 11.3 | 6.85 | 42.811 | -78.8536 |
| 9/21/2016 10:19 | 12.73 | 68.86 | 0 | 0.01 | 0 | 0 | 0 | 0 | 44 | 3.8 | 1.507 | 25.7 | 11.4 | 6.61 | 42.811 | -78.8536 |
| 9/21/2016 10:18 | 12.73 | 71.96 | 0 | 0.01 | 0 | 0 | 0 | 0 | 43 | 3.1 | 4 | 25.6 | 11.4 | 6.72 | 42.811 | -78.8536 |
| 9/21/2016 10:17 | 12.72 | 73.77 | 0 | 0.01 | 0 | 0 | 0 | 0 | 44 | 5.9 | 3.617 | 25.5 | 11.4 | 7.19 | 42.811 | -78.8536 |
| 9/21/2016 10:16 | 12.73 | 73.64 | 0 | 0.01 | 0 | 0 | 0 | 0 | 44 | 3.8 | 4 | 25.4 | 11.5 | 7.09 | 42.811 | -78.8536 |
| 9/21/2016 10:15 | 12.73 | 71.58 | 0 | 0.01 | 0 | 0 | 0 | 0 | 44 | 28.2 | 4 | 25.4 | 11.4 | 7.19 | 42.811 | -78.8536 |
| 9/21/2016 10:14 | 12.73 | 72.35 | 0 | 0.01 | 0 | 0 | 0 | 0 | 44 | 8.6 | 1.717 | 25.2 | 11.4 | 20.08 | 42.811 | -78.8536 |
| 9/21/2016 10:13 | 12.72 | 71.58 | 0 | 0.01 | 0 | 0 | 0 | 0 | 43 | 6.1 | 4 | 25.1 | 11.4 | 20.45 | 42.811 | -78.8536 |
| 9/21/2016 10:12 | 12.72 | 69.77 | 0 | 0.01 | 0 | 0 | 0 | 0 | 44 | 5.7 | 2.035 | 25 | 11.4 | 20.47 | 42.811 | -78.8536 |

| Timestamp (GMT-4) | Batt. Voltage (V) | Current (mA) | Low (ppm) | Peak (ppm) | STEL (ppm) | TWA (ppm) | VOC (ppm) | VOC (Avg15) (ppm) | Humidity (%) | Mass (µg/m³) | Particle size (µm) | Temperature (°C) | TWA (µg/m³) | Mass (Avg15) (µg/m³) | Latitude | Longitude |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 9/21/2016 10:11 | 12.72 | 66.28 | 0 | 0.01 | 0 | 0 | 0 | 0 | 45 | 4.5 | 1.157 | 25 | 11.5 | 20.58 | 42.811 | -78.8536 |
| 9/21/2016 10:10 | 12.72 | 82.82 | 0 | 0.01 | 0 | 0 | 0 | 0 | 45 | 3.1 | 0.977 | 24.8 | 11.5 | 20.73 | 42.811 | -78.8536 |
| 9/21/2016 10:09 | 12.73 | 69.12 | 0 | 0.01 | 0 | 0 | 0 | 0 | 44 | 6.1 | 4 | 24.8 | 11.5 | 21.13 | 42.811 | -78.8536 |
| 9/21/2016 10:08 | 12.73 | 66.41 | 0 | 0.01 | 0 | 0 | 0 | 0 | 45 | 5.5 | 0.834 | 24.7 | 11.6 | 21.13 | 42.811 | -78.8536 |
| 9/21/2016 10:07 | 12.72 | 69.12 | 0 | 0.01 | 0 | 0 | 0 | 0 | 45 | 6 | 0.644 | 24.6 | 11.6 | 24.29 | 42.811 | -78.8536 |
| 9/21/2016 10:06 | 12.72 | 68.99 | 0 | 0.01 | 0 | 0 | 0 | 0 | 45 | 5.5 | 1.011 | 24.5 | 11.6 | 24.91 | 42.811 | -78.8536 |
| 9/21/2016 10:05 | 12.7 | 90.05 | 0 | 0.01 | 0 | 0 | 0 | 0 | 46 | 3.2 | 0.747 | 24.4 | 11.7 | 25.53 | 42.811 | -78.8536 |
| 9/21/2016 10:04 | 12.73 | 66.54 | 0 | 0.01 | 0 | 0 | 0 | 0 | 45 | 5.5 | 0.814 | 24.4 | 11.7 | 26.28 | 42.811 | -78.8536 |
| 9/21/2016 10:03 | 12.74 | 64.73 | 0 | 0.01 | 0 | 0 | 0 | 0 | 46 | 10.2 | 4 | 24.2 | 11.7 | 27.07 | 42.811 | -78.8536 |
| 9/21/2016 10:02 | 12.73 | 64.86 | 0 | 0.01 | 0 | 0 | 0 | 0 | 47 | 4.3 | 0.802 | 24.2 | 11.8 | 27.6 | 42.811 | -78.8536 |
| 9/21/2016 10:01 | 12.7 | 82.3 | 0 | 0.01 | 0 | 0 | 0 | 0 | 47 | 5.3 | 2 | 24.1 | 11.8 | 28.07 | 42.811 | -78.8536 |
| 9/21/2016 10:00 | 12.73 | 66.28 | 0 | 0.01 | 0 | 0 | 0 | 0 | 47 | 221.6 | 4 | 24 | 11.4 | 28.35 | 42.811 | -78.8536 |
| 9/21/2016 9:59 | 12.73 | 66.15 | 0 | 0.01 | 0 | 0 | 0 | 0 | 47 | 14.2 | 4 | 23.9 | 11.1 | 14.31 | 42.811 | -78.8536 |
| 9/21/2016 9:58 | 12.73 | 66.28 | 0 | 0.01 | 0 | 0 | 0 | 0 | 47 | 6.4 | 0.96 | 23.7 | 11.1 | 13.95 | 42.811 | -78.8536 |
| 9/21/2016 9:57 | 12.73 | 67.05 | 0 | 0.01 | 0 | 0 | 0 | 0 | 48 | 7.3 | 1.277 | 23.8 | 11.1 | 14.11 | 42.811 | -78.8536 |
| 9/21/2016 9:56 | 12.72 | 64.6 | 0 | 0.01 | 0 | 0 | 0 | 0 | 48 | 6.8 | 1.726 | 23.7 | 11.2 | 14.05 | 42.811 | -78.8536 |
| 9/21/2016 9:55 | 12.72 | 70.54 | 0 | 0.01 | 0 | 0 | 0 | 0 | 48 | 9.1 | 4 | 23.6 | 11.2 | 14.45 | 42.811 | -78.8536 |
| 9/21/2016 9:54 | 12.72 | 74.55 | 0 | 0.01 | 0 | 0 | 0 | 0 | 48 | 6.1 | 0.919 | 23.5 | 11.2 | 14.64 | 42.811 | -78.8536 |
| 9/21/2016 9:53 | 12.72 | 71.32 | 0 | 0.01 | 0 | 0 | 0 | 0 | 49 | 52.8 | 4 | 23.4 | 11.1 | 15.08 | 42.811 | -78.8536 |
| 9/21/2016 9:52 | 12.72 | 68.48 | 0 | 0.01 | 0 | 0 | 0 | 0 | 50 | 15.4 | 4 | 23.3 | 10.9 | 12.62 | 42.811 | -78.8536 |
| 9/21/2016 9:51 | 12.72 | 64.47 | 0 | 0.01 | 0 | 0 | 0 | 0 | 49 | 14.8 | 4 | 23.2 | 10.9 | 12.71 | 42.811 | -78.8536 |
| 9/21/2016 9:50 | 12.7 | 88.63 | 0 | 0.01 | 0 | 0 | 0 | 0 | 50 | 14.4 | 4 | 23.2 | 10.8 | 12.81 | 42.811 | -78.8536 |
| 9/21/2016 9:49 | 12.72 | 68.99 | 0 | 0.01 | 0 | 0 | 0 | 0 | 50 | 17.4 | 4 | 23.1 | 10.8 | 12.33 | 42.811 | -78.8536 |
| 9/21/2016 9:48 | 12.7 | 85.92 | 0 | 0.01 | 0 | 0 | 0 | 0 | 50 | 18.1 | 4 | 23 | 10.8 | 11.81 | 42.811 | -78.8536 |
| 9/21/2016 9:47 | 12.72 | 72.09 | 0 | 0.01 | 0 | 0 | 0 | 0 | 50 | 11.3 | 4 | 22.8 | 10.7 | 11.33 | 42.811 | -78.8536 |
| 9/21/2016 9:46 | 12.72 | 68.99 | 0 | 0.01 | 0 | 0 | 0 | 0 | 50 | 9.6 | 2.22 | 22.9 | 10.7 | 11.35 | 42.811 | -78.8536 |
| 9/21/2016 9:45 | 12.72 | 65.5 | 0 | 0.01 | 0 | 0 | 0 | 0 | 51 | 10.9 | 4 | 22.7 | 10.7 | 11.4 | 42.811 | -78.8536 |
| 9/21/2016 9:44 | 12.7 | 88.37 | 0 | 0.01 | 0 | 0 | 0 | 0 | 52 | 8.8 | 2.748 | 22.7 | 10.7 | 11.41 | 42.811 | -78.8536 |
| 9/21/2016 9:43 | 12.71 | 77 | 0 | 0.01 | 0 | 0 | 0 | 0 | 52 | 8.8 | 4 | 22.6 | 10.8 | 11.66 | 42.811 | -78.8536 |
| 9/21/2016 9:42 | 12.72 | 67.05 | 0 | 0.01 | 0 | 0 | 0 | 0 | 53 | 6.4 | 1.363 | 22.6 | 10.8 | 12.12 | 42.811 | -78.8536 |
| 9/21/2016 9:41 | 12.71 | 75.58 | 0 | 0.01 | 0 | 0 | 0 | 0 | 52 | 12.8 | 2.2 | 22.4 | 10.8 | 12.53 | 42.811 | -78.8536 |
| 9/21/2016 9:40 | 12.7 | 85.01 | 0 | 0.01 | 0 | 0 | 0 | 0 | 52 | 12 | 4 | 22.4 | 10.8 | 12.35 | 42.811 | -78.8536 |
| 9/21/2016 9:39 | 12.72 | 69.64 | 0 | 0.01 | 0 | 0 | 0 | 0 | 53 | 12.7 | 4 | 22.2 | 10.8 | 12.37 | 42.811 | -78.8536 |
| 9/21/2016 9:38 | 12.72 | 71.83 | 0 | 0.01 | 0 | 0 | 0 | 0 | 51 | 15.9 | 2.652 | 22.2 | 10.8 | 12.41 | 42.811 | -78.8536 |
| 9/21/2016 9:37 | 12.72 | 67.7 | 0 | 0.01 | 0 | 0 | 0 | 0 | 52 | 16.8 | 2.383 | 22.1 | 10.7 | 12.16 | 42.811 | -78.8536 |
| 9/21/2016 9:36 | 12.72 | 70.8 | 0 | 0.01 | 0 | 0 | 0 | 0 | 52 | 16.3 | 4 | 22.1 | 10.7 | 11.69 | 42.811 | -78.8536 |
| 9/21/2016 9:35 | 12.72 | 65.76 | 0 | 0.01 | 0 | 0 | 0 | 0 | 52 | 7.2 | 1.191 | 22 | 10.7 | 11.35 | 42.811 | -78.8536 |
| 9/21/2016 9:34 | 12.71 | 68.73 | 0 | 0.01 | 0 | 0 | 0 | 0 | 52 | 9.5 | 4 | 21.8 | 10.7 | 11.56 | 42.811 | -78.8536 |
| 9/21/2016 9:33 | 12.71 | 70.67 | 0 | 0.01 | 0 | 0 | 0 | 0 | 53 | 11 | 4 | 21.7 | 10.7 | 11.57 | 42.811 | -78.8536 |
| 9/21/2016 9:32 | 12.72 | 69.77 | 0 | 0.01 | 0 | 0 | 0 | 0 | 53 | 11.5 | 2.769 | 21.7 | 10.7 | 11.47 | 42.811 | -78.8536 |
| 9/21/2016 9:31 | 12.72 | 68.22 | 0 | 0.01 | 0 | 0 | 0 | 0 | 53 | 10.4 | 1.734 | 21.6 | 10.7 | 11.39 | 42.811 | -78.8536 |
| 9/21/2016 9:30 | 12.72 | 68.73 | 0 | 0.01 | 0 | 0 | 0 | 0 | 53 | 11.1 | 2.899 | 21.6 | 10.7 | 11.37 | 42.811 | -78.8536 |
| 9/21/2016 9:29 | 12.72 | 68.73 | 0 | 0.01 | 0 | 0 | 0 | 0 | 53 | 12.5 | 4 | 21.5 | 10.7 | 11.29 | 42.811 | -78.8536 |
| 9/21/2016 9:28 | 12.71 | 68.99 | 0 | 0.01 | 0 | 0 | 0 | 0 | 54 | 15.7 | 4 | 21.3 | 10.7 | 11.03 | 42.811 | -78.8536 |
| 9/21/2016 9:27 | 12.72 | 67.31 | 0 | 0.01 | 0 | 0 | 0 | 0 | 53 | 12.5 | 2.169 | 21.2 | 10.6 | 10.51 | 42.811 | -78.8536 |
| 9/21/2016 9:26 | 12.72 | 68.22 | 0 | 0.01 | 0 | 0 | 0 | 0 | 53 | 10.2 | 2.711 | 21.2 | 10.6 | 10.23 | 42.811 | -78.8536 |

| Timestamp (GMT-4) | Batt. Voltage (V) | Current (mA) | Low (ppm) | Peak (ppm) | STEL (ppm) | TWA (ppm) | VOC (ppm) | VOC (Avg15) (ppm) | Humidity (%) | Mass (µg/m³) | Particle size (µm) | Temperature (°C) | TWA (µg/m³) | Mass (Avg15) (µg/m³) | Latitude | Longitude |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 9/21/2016 9:25 | 12.71 | 69.9 | 0 | 0.01 | 0 | 0 | 0 | 0 | 54 | 12.2 | 4 | 21.2 | 10.6 | 10.12 | 42.811 | -78.8536 |
| 9/21/2016 9:24 | 12.72 | 65.89 | 0 | 0.01 | 0 | 0 | 0 | 0 | 55 | 13.4 | 4 | 21 | 10.6 | 9.85 | 42.811 | -78.8536 |
| 9/21/2016 9:23 | 12.71 | 70.16 | 0 | 0.01 | 0 | 0 | 0 | 0 | 55 | 12.1 | 4 | 21 | 10.6 | 9.51 | 42.811 | -78.8536 |
| 9/21/2016 9:22 | 12.71 | 72.35 | 0 | 0.01 | 0 | 0 | 0 | 0 | 55 | 9.7 | 4 | 20.9 | 10.6 | 9.33 | 42.811 | -78.8536 |
| 9/21/2016 9:21 | 12.72 | 69.38 | 0 | 0.01 | 0 | 0 | 0 | 0 | 54 | 11.2 | 2.184 | 20.8 | 10.6 | 9.34 | 42.811 | -78.8536 |
| 9/21/2016 9:20 | 12.71 | 65.63 | 0 | 0.01 | 0 | 0 | 0 | 0 | 55 | 10.4 | 3.315 | 20.8 | 10.6 | 9.15 | 42.811 | -78.8536 |
| 9/21/2016 9:19 | 12.69 | 84.5 | 0 | 0.01 | 0 | 0 | 0 | 0 | 54 | 9.6 | 1.174 | 20.6 | 10.6 | 9.09 | 42.811 | -78.8536 |
| 9/21/2016 9:18 | 12.72 | 68.48 | 0 | 0.01 | 0 | 0 | 0 | 0 | 56 | 9.6 | 2.151 | 20.6 | 10.6 | 9.01 | 42.811 | -78.8536 |
| 9/21/2016 9:17 | 12.72 | 66.67 | 0 | 0.01 | 0 | 0 | 0 | 0 | 55 | 10.3 | 2.007 | 20.5 | 10.6 | 8.88 | 42.811 | -78.8536 |
| 9/21/2016 9:16 | 12.71 | 67.83 | 0 | 0.01 | 0 | 0 | 0 | 0 | 55 | 10 | 4 | 20.4 | 10.6 | 8.74 | 42.811 | -78.8536 |
| 9/21/2016 9:15 | 12.71 | 69.51 | 0 | 0.01 | 0 | 0 | 0 | 0 | 55 | 9.9 | 2.202 | 20.4 | 10.6 | 8.75 | 42.811 | -78.8536 |
| 9/21/2016 9:14 | 12.7 | 74.29 | 0 | 0.01 | 0 | 0 | 0 | 0 | 56 | 8.6 | 0.96 | 20.3 | 10.6 | 8.81 | 42.811 | -78.8536 |
| 9/21/2016 9:13 | 12.72 | 69.77 | 0 | 0.01 | 0 | 0 | 0 | 0 | 55 | 7.9 | 1.444 | 20.2 | 10.7 | 8.86 | 42.811 | -78.8536 |
| 9/21/2016 9:12 | 12.72 | 69.9 | 0 | 0.01 | 0 | 0 | 0 | 0 | 56 | 8.4 | 2.08 | 20.1 | 10.7 | 8.87 | 42.811 | -78.8536 |
| 9/21/2016 9:11 | 12.7 | 86.18 | 0 | 0.01 | 0 | 0 | 0 | 0 | 55 | 8.5 | 1.381 | 20.1 | 10.7 | 8.84 | 42.811 | -78.8536 |
| 9/21/2016 9:10 | 12.71 | 66.8 | 0 | 0.01 | 0 | 0 | 0 | 0 | 57 | 8.1 | 1.241 | 20 | 10.7 | 8.83 | 42.811 | -78.8536 |
| 9/21/2016 9:09 | 12.7 | 76.23 | 0 | 0.01 | 0 | 0 | 0 | 0 | 56 | 8.4 | 1.596 | 19.9 | 10.7 | 9 | 42.811 | -78.8536 |
| 9/21/2016 9:08 | 12.72 | 67.31 | 0 | 0.01 | 0 | 0 | 0 | 0 | 56 | 9.3 | 1.21 | 19.9 | 10.7 | 8.95 | 42.811 | -78.8536 |
| 9/21/2016 9:07 | 12.71 | 69.77 | 0 | 0.01 | 0 | 0 | 0 | 0 | 56 | 9.9 | 2.087 | 19.7 | 10.8 | 8.89 | 42.811 | -78.8536 |
| 9/21/2016 9:06 | 12.7 | 75.45 | 0 | 0.01 | 0 | 0 | 0 | 0 | 57 | 8.4 | 4 | 19.7 | 10.8 | 8.84 | 42.811 | -78.8536 |
| 9/21/2016 9:05 | 12.71 | 66.54 | 0 | 0.01 | 0 | 0 | 0 | 0 | 58 | 9.5 | 4 | 19.7 | 10.8 | 8.96 | 42.811 | -78.8536 |
| 9/21/2016 9:04 | 12.7 | 70.41 | 0 | 0.01 | 0 | 0 | 0 | 0 | 58 | 8.4 | 4 | 19.6 | 10.8 | 9.21 | 42.811 | -78.8536 |
| 9/21/2016 9:03 | 12.7 | 78.94 | 0 | 0.01 | 0 | 0 | 0 | 0 | 57 | 7.6 | 1.17 | 19.6 | 10.8 | 9.76 | 42.811 | -78.8536 |
| 9/21/2016 9:02 | 12.68 | 86.31 | 0 | 0.01 | 0 | 0 | 0 | 0 | 58 | 8.2 | 4 | 19.5 | 10.8 | 10.21 | 42.811 | -78.8536 |
| 9/21/2016 9:01 | 12.7 | 72.48 | 0 | 0.01 | 0 | 0 | 0 | 0 | 58 | 10.2 | 4 | 19.4 | 10.9 | 10.61 | 42.811 | -78.8536 |
| 9/21/2016 9:00 | 12.68 | 82.3 | 0 | 0.01 | 0 | 0 | 0 | 0 | 58 | 10.7 | 1.659 | 19.3 | 10.9 | 11.05 | 42.811 | -78.8536 |
| 9/21/2016 8:59 | 12.71 | 65.76 | 0 | 0.01 | 0 | 0 | 0 | 0 | 58 | 9.4 | 4 | 19.2 | 10.9 | 11.35 | 42.811 | -78.8536 |
| 9/21/2016 8:58 | 12.7 | 70.16 | 0 | 0.01 | 0 | 0 | 0 | 0 | 58 | 8 | 4 | 19.2 | 10.9 | 11.61 | 42.811 | -78.8536 |
| 9/21/2016 8:57 | 12.68 | 85.79 | 0 | 0.01 | 0 | 0 | 0 | 0 | 58 | 8 | 2.227 | 19.2 | 10.9 | 11.98 | 42.811 | -78.8536 |
| 9/21/2016 8:56 | 12.7 | 70.8 | 0 | 0.01 | 0 | 0 | 0 | 0 | 58 | 8.3 | 2.235 | 19.1 | 10.9 | 12.14 | 42.811 | -78.8536 |
| 9/21/2016 8:55 | 12.72 | 66.02 | 0 | 0.01 | 0 | 0 | 0 | 0 | 58 | 10.7 | 4 | 19.1 | 10.9 | 12.35 | 42.811 | -78.8536 |
| 9/21/2016 8:54 | 12.7 | 69.12 | 0 | 0.01 | 0 | 0 | 0 | 0 | 59 | 7.7 | 4 | 19 | 11 | 12.4 | 42.811 | -78.8536 |
| 9/21/2016 8:53 | 12.7 | 71.19 | 0 | 0.01 | 0 | 0 | 0 | 0 | 59 | 8.4 | 4 | 18.9 | 11 | 12.52 | 42.811 | -78.8536 |
| 9/21/2016 8:52 | 12.7 | 67.44 | 0 | 0.01 | 0 | 0 | 0 | 0 | 58 | 9.1 | 1.631 | 18.9 | 11 | 12.81 | 42.811 | -78.8536 |
| 9/21/2016 8:51 | 12.7 | 66.8 | 0 | 0.01 | 0 | 0 | 0 | 0 | 58 | 10.2 | 4 | 18.8 | 11 | 12.88 | 42.811 | -78.8536 |
| 9/21/2016 8:50 | 12.7 | 70.93 | 0 | 0.01 | 0 | 0 | 0 | 0 | 59 | 13.2 | 4 | 18.7 | 11 | 12.87 | 42.811 | -78.8536 |
| 9/21/2016 8:49 | 12.7 | 69.64 | 0 | 0.01 | 0 | 0 | 0 | 0 | 58 | 16.7 | 4 | 18.7 | 11 | 12.79 | 42.811 | -78.8536 |
| 9/21/2016 8:48 | 12.7 | 76.62 | 0 | 0.01 | 0 | 0 | 0 | 0 | 59 | 14.4 | 4 | 18.6 | 10.9 | 12.41 | 42.811 | -78.8536 |
| 9/21/2016 8:47 | 12.7 | 76.74 | 0 | 0.01 | 0 | 0 | 0 | 0 | 60 | 14.2 | 4 | 18.6 | 10.9 | 12.09 | 42.811 | -78.8536 |
| 9/21/2016 8:46 | 12.7 | 73.26 | 0 | 0.01 | 0 | 0 | 0 | 0 | 59 | 16.8 | 4 | 18.5 | 10.8 | 11.88 | 42.811 | -78.8536 |
| 9/21/2016 8:45 | 12.7 | 73.77 | 0 | 0.01 | 0 | 0 | 0 | 0 | 59 | 15.1 | 4 | 18.5 | 10.8 | 11.53 | 42.811 | -78.8536 |
| 9/21/2016 8:44 | 12.7 | 78.29 | 0 | 0.01 | 0 | 0 | 0 | 0 | 59 | 13.3 | 4 | 18.4 | 10.8 | 11.25 | 42.811 | -78.8536 |
| 9/21/2016 8:43 | 12.7 | 66.28 | 0 | 0.01 | 0 | 0 | 0 | 0 | 60 | 13.6 | 4 | 18.3 | 10.7 | 11.03 | 42.811 | -78.8536 |
| 9/21/2016 8:42 | 12.7 | 70.67 | 0 | 0.01 | 0 | 0 | 0 | 0 | 60 | 10.4 | 4 | 18.3 | 10.7 | 10.91 | 42.811 | -78.8536 |
| 9/21/2016 8:41 | 12.68 | 79.2 | 0 | 0.01 | 0 | 0 | 0 | 0 | 60 | 11.5 | 4 | 18.2 | 10.7 | 10.9 | 42.811 | -78.8536 |
| 9/21/2016 8:40 | 12.7 | 69.51 | 0 | 0.01 | 0 | 0 | 0 | 0 | 60 | 11.4 | 4 | 18.2 | 10.7 | 10.85 | 42.811 | -78.8536 |

| Timestamp (GMT-4) | Batt. Voltage (V) | Current (mA) | Low (ppm) | Peak (ppm) | STEL (ppm) | TWA (ppm) | VOC (ppm) | VOC (Avg15) (ppm) | Humidity (%) | Mass (µg/m³) | Particle size (µm) | Temperature (°C) | TWA (µg/m³) | Mass (Avg15) (µg/m³) | Latitude | Longitude |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 9/21/2016 8:39 | 12.7 | 65.63 | 0 | 0.01 | 0 | 0 | 0 | 0 | 60 | 9.5 | 1.755 | 18.2 | 10.7 | 10.84 | 42.811 | -78.8536 |
| 9/21/2016 8:38 | 12.7 | 70.03 | 0 | 0.01 | 0 | 0 | 0 | 0 | 61 | 12.8 | 2.582 | 18.1 | 10.7 | 11.11 | 42.811 | -78.8536 |
| 9/21/2016 8:37 | 12.69 | 74.68 | 0 | 0.01 | 0 | 0 | 0 | 0 | 60 | 10.1 | 4 | 18 | 10.7 | 10.93 | 42.811 | -78.8536 |
| 9/21/2016 8:36 | 12.7 | 69.38 | 0 | 0.01 | 0 | 0 | 0 | 0 | 60 | 10 | 4 | 17.9 | 10.7 | 10.95 | 42.811 | -78.8536 |
| 9/21/2016 8:35 | 12.7 | 68.35 | 0 | 0.01 | 0 | 0 | 0 | 0 | 60 | 12.1 | 4 | 18 | 10.8 | 11.07 | 42.811 | -78.8536 |
| 9/21/2016 8:34 | 12.7 | 63.95 | 0 | 0.01 | 0 | 0 | 0 | 0 | 61 | 11 | 4 | 17.9 | 10.7 | 11.02 | 42.811 | -78.8536 |
| 9/21/2016 8:33 | 12.69 | 81.91 | 0 | 0.01 | 0 | 0 | 0 | 0 | 61 | 9.6 | 4 | 17.9 | 10.8 | 11.01 | 42.811 | -78.8536 |
| 9/21/2016 8:32 | 12.71 | 67.05 | 0 | 0.01 | 0 | 0 | 0 | 0 | 61 | 11 | 3.229 | 17.8 | 10.8 | 11.01 | 42.811 | -78.8536 |
| 9/21/2016 8:31 | 12.7 | 67.83 | 0 | 0.01 | 0 | 0 | 0 | 0 | 61 | 11.6 | 4 | 17.7 | 10.8 | 10.86 | 42.811 | -78.8536 |
| 9/21/2016 8:30 | 12.7 | 69.77 | 0 | 0.01 | 0 | 0 | 0 | 0 | 60 | 10.8 | 3.55 | 17.7 | 10.7 | 10.67 | 42.811 | -78.8536 |
| 9/21/2016 8:29 | 12.68 | 89.79 | 0 | 0.01 | 0 | 0 | 0 | 0 | 60 | 10.1 | 2.627 | 17.7 | 10.7 | 10.49 | 42.811 | -78.8536 |
| 9/21/2016 8:28 | 12.7 | 66.15 | 0 | 0.01 | 0 | 0 | 0 | 0 | 60 | 11.7 | 4 | 17.7 | 10.7 | 10.33 | 42.811 | -78.8536 |
| 9/21/2016 8:27 | 12.7 | 72.35 | 0 | 0.01 | 0 | 0 | 0 | 0 | 60 | 10.3 | 1.924 | 17.6 | 10.7 | 10.15 | 42.811 | -78.8536 |
| 9/21/2016 8:26 | 12.69 | 73.39 | 0 | 0.01 | 0 | 0 | 0 | 0 | 60 | 10.8 | 4 | 17.7 | 10.7 | 9.89 | 42.811 | -78.8536 |
| 9/21/2016 8:25 | 12.68 | 85.79 | 0 | 0.01 | 0 | 0 | 0 | 0 | 61 | 11.2 | 4 | 17.5 | 10.7 | 9.62 | 42.811 | -78.8536 |
| 9/21/2016 8:24 | 12.7 | 67.31 | 0 | 0.01 | 0 | 0 | 0 | 0 | 62 | 13.5 | 4 | 17.5 | 10.7 | 9.37 | 42.811 | -78.8536 |
| 9/21/2016 8:23 | 12.69 | 70.54 | 0 | 0.01 | 0 | 0 | 0 | 0 | 61 | 10.1 | 3.546 | 17.5 | 10.7 | 8.9 | 42.811 | -78.8536 |
| 9/21/2016 8:22 | 12.7 | 66.15 | 0 | 0.01 | 0 | 0 | 0 | 0 | 61 | 10.5 | 2.637 | 17.5 | 10.7 | 8.67 | 42.811 | -78.8536 |
| 9/21/2016 8:21 | 12.71 | 64.99 | 0 | 0.01 | 0 | 0 | 0 | 0 | 61 | 11.7 | 4 | 17.3 | 10.7 | 8.51 | 42.811 | -78.8536 |
| 9/21/2016 8:20 | 12.7 | 66.8 | 0 | 0.01 | 0 | 0 | 0 | 0 | 61 | 11.4 | 4 | 17.5 | 10.7 | 8.22 | 42.811 | -78.8536 |
| 9/21/2016 8:19 | 12.7 | 73 | 0 | 0.01 | 0 | 0 | 0 | 0 | 61 | 10.8 | 4 | 17.4 | 10.7 | 7.93 | 42.811 | -78.8536 |
| 9/21/2016 8:18 | 12.7 | 67.18 | 0 | 0.01 | 0 | 0 | 0 | 0 | 61 | 9.6 | 4 | 17.4 | 10.7 | 7.69 | 42.811 | -78.8536 |
| 9/21/2016 8:17 | 12.68 | 89.02 | 0 | 0.01 | 0 | 0 | 0 | 0 | 62 | 8.8 | 1.191 | 17.3 | 10.7 | 7.51 | 42.811 | -78.8536 |
| 9/21/2016 8:16 | 12.7 | 66.67 | 0 | 0.01 | 0 | 0 | 0 | 0 | 61 | 8.7 | 2.046 | 17.3 | 10.7 | 7.43 | 42.811 | -78.8536 |
| 9/21/2016 8:15 | 12.7 | 66.67 | 0 | 0.01 | 0 | 0 | 0 | 0 | 62 | 8.1 | 2.748 | 17.2 | 10.8 | 7.36 | 42.811 | -78.8536 |
| 9/21/2016 8:14 | 12.7 | 65.89 | 0 | 0.01 | 0 | 0 | 0 | 0 | 61 | 7.8 | 1.235 | 17.2 | 10.8 | 7.27 | 42.811 | -78.8536 |
| 9/21/2016 8:13 | 12.67 | 86.05 | 0 | 0.01 | 0 | 0 | 0 | 0 | 62 | 9 | 4 | 17.2 | 10.9 | 7.21 | 42.811 | -78.8536 |
| 9/21/2016 8:12 | 12.7 | 68.99 | 0 | 0.01 | 0 | 0 | 0 | 0 | 61 | 6.4 | 0.866 | 17.1 | 10.9 | 7.05 | 42.811 | -78.8536 |
| 9/21/2016 8:11 | 12.69 | 76.1 | 0 | 0.01 | 0 | 0 | 0 | 0 | 62 | 6.7 | 0.775 | 17.2 | 11 | 7.15 | 42.811 | -78.8536 |
| 9/21/2016 8:10 | 12.69 | 67.7 | 0 | 0.01 | 0 | 0 | 0 | 0 | 62 | 7.4 | 2.289 | 17.1 | 11 | 7.13 | 42.811 | -78.8536 |
| 9/21/2016 8:09 | 12.66 | 88.37 | 0 | 0.01 | 0 | 0 | 0 | 0 | 62 | 6.5 | 1.37 | 17 | 11.1 | 7.07 | 42.811 | -78.8536 |
| 9/21/2016 8:08 | 12.68 | 69.9 | 0 | 0.01 | 0 | 0 | 0 | 0 | 62 | 6.6 | 0.897 | 17.1 | 11.2 | 7.71 | 42.811 | -78.8536 |
| 9/21/2016 8:07 | 12.7 | 74.68 | 0 | 0.01 | 0 | 0 | 0 | 0 | 62 | 8.2 | 1.28 | 17.1 | 11.2 | 7.83 | 42.811 | -78.8536 |
| 9/21/2016 8:06 | 12.69 | 71.83 | 0 | 0.01 | 0 | 0 | 0 | 0 | 61 | 7.3 | 2.817 | 17 | 11.3 | 8.45 | 42.811 | -78.8536 |
| 9/21/2016 8:05 | 12.69 | 67.44 | 0 | 0.01 | 0 | 0 | 0 | 0 | 61 | 7 | 1.152 | 17 | 11.4 | 16.99 | 42.811 | -78.8536 |
| 9/21/2016 8:04 | 12.69 | 74.68 | 0 | 0.01 | 0 | 0 | 0 | 0 | 61 | 7.3 | 1.028 | 17 | 11.4 | 17.36 | 42.811 | -78.8536 |
| 9/21/2016 8:03 | 12.69 | 70.67 | 0 | 0.01 | 0 | 0 | 0 | 0 | 61 | 6.9 | 1.318 | 17 | 11.5 | 17.26 | 42.811 | -78.8536 |
| 9/21/2016 8:02 | 12.69 | 68.22 | 0 | 0.01 | 0 | 0 | 0 | 0 | 62 | 7.6 | 4 | 17 | 11.6 | 17.29 | 42.811 | -78.8536 |
| 9/21/2016 8:01 | 12.7 | 69.12 | 0 | 0.01 | 0 | 0 | 0 | 0 | 62 | 7.6 | 2.66 | 17 | 11.7 | 25.39 | 42.811 | -78.8536 |
| 9/21/2016 8:00 | 12.7 | 70.03 | 0 | 0.01 | 0 | 0 | 0 | 0 | 62 | 6.7 | 1.308 | 17 | 11.7 | 25.28 | 42.811 | -78.8536 |
| 9/21/2016 7:59 | 12.69 | 68.86 | 0 | 0.01 | 0 | 0 | 0 | 0 | 61 | 7 | 1.202 | 17 | 11.9 | 25.35 | 42.811 | -78.8536 |
| 9/21/2016 7:58 | 12.7 | 67.83 | 0 | 0.01 | 0 | 0 | 0 | 0 | 61 | 6.6 | 1.486 | 16.9 | 12 | 25.45 | 42.811 | -78.8536 |
| 9/21/2016 7:57 | 12.69 | 72.35 | 0 | 0.01 | 0 | 0 | 0 | 0 | 61 | 7.9 | 1.782 | 16.9 | 12.1 | 25.52 | 42.811 | -78.8536 |
| 9/21/2016 7:56 | 12.69 | 69.77 | 0 | 0.01 | 0 | 0 | 0 | 0 | 61 | 6.3 | 0.862 | 16.9 | 12.2 | 25.53 | 42.811 | -78.8536 |
| 9/21/2016 7:55 | 12.69 | 71.19 | 0 | 0.01 | 0 | 0 | 0 | 0 | 62 | 6.5 | 1.014 | 16.8 | 12.3 | 25.52 | 42.811 | -78.8536 |
| 9/21/2016 7:54 | 12.66 | 86.69 | 0 | 0.01 | 0 | 0 | 0 | 0 | 61 | 16.2 | 0.64 | 16.8 | 12.5 | 25.48 | 42.811 | -78.8536 |

| Timestamp (GMT-4) | Batt. Voltage (V) | Current (mA) | Low (ppm) | Peak (ppm) | STEL (ppm) | TWA (ppm) | VOC (ppm) | VOC (Avg15) (ppm) | Humidity (%) | Mass (µg/m³) | Particle size (µm) | Temperature (°C) | TWA (µg/m³) | Mass (Avg15) (µg/m³) | Latitude | Longitude |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 9/21/2016 7:53 | 12.69 | 68.99 | 0 | 0.01 | 0 | 0 | 0 | 0 | 62 | 8.4 | 1.436 | 16.8 | 12.4 | 24.81 | 42.811 | -78.8536 |
| 9/21/2016 7:52 | 12.69 | 71.06 | 0 | 0.01 | 0 | 0 | 0 | 0 | 61 | 17.5 | 1.232 | 16.8 | 12.5 | 24.66 | 42.811 | -78.8536 |
| 9/21/2016 7:51 | 12.68 | 69.9 | 0 | 0.01 | 0 | 0 | 0 | 0 | 62 | 135.3 | 2.508 | 16.8 | 10.9 | 23.87 | 42.811 | -78.8536 |
| 9/21/2016 7:50 | 12.68 | 71.96 | 0 | 0.01 | 0 | 0 | 0 | 0 | 61 | 12.6 | 2.041 | 16.8 | 10.1 | 15.3 | 42.811 | -78.8536 |
| 9/21/2016 7:49 | 12.69 | 66.93 | 0 | 0.01 | 0 | 0 | 0 | 0 | 61 | 5.8 | 0.596 | 16.7 | 10.2 | 14.99 | 42.811 | -78.8536 |
| 9/21/2016 7:48 | 12.68 | 71.83 | 0 | 0.01 | 0 | 0 | 0 | 0 | 61 | 7.4 | 1.825 | 16.8 | 10.3 | 15.03 | 42.811 | -78.8536 |
| 9/21/2016 7:47 | 12.66 | 96.12 | 0 | 0.01 | 0 | 0 | 0 | 0 | 62 | 129 | 4 | 16.7 | 10.2 | 15 | 42.811 | -78.8536 |
| 9/21/2016 7:46 | 12.7 | 66.02 | 0 | 0.01 | 0 | 0 | 0 | 0 | 61 | 6 | 1.043 | 16.8 | 9.5 | 6.85 | 42.811 | -78.8536 |
| 9/21/2016 7:45 | 12.68 | 69.38 | 0 | 0.01 | 0 | 0 | 0 | 0 | 61 | 7.8 | 0.972 | 16.8 | 9.5 | 6.86 | 42.811 | -78.8536 |
| 9/21/2016 7:44 | 12.69 | 68.35 | 0 | 0.01 | 0 | 0 | 0 | 0 | 62 | 8.4 | 1.213 | 16.8 | 9.6 | 6.88 | 42.811 | -78.8536 |
| 9/21/2016 7:43 | 12.68 | 80.36 | 0 | 0.01 | 0 | 0 | 0 | 0 | 62 | 7.7 | 1.217 | 16.7 | 9.7 | 6.77 | 42.811 | -78.8536 |
| 9/21/2016 7:42 | 12.69 | 69.9 | 0 | 0.01 | 0 | 0 | 0 | 0 | 61 | 8 | 2.682 | 16.7 | 9.7 | 6.64 | 42.811 | -78.8536 |
| 9/21/2016 7:41 | 12.68 | 72.09 | 0 | 0.01 | 0 | 0 | 0 | 0 | 61 | 6.2 | 0.98 | 16.7 | 9.8 | 6.61 | 42.811 | -78.8536 |
| 9/21/2016 7:40 | 12.68 | 66.02 | 0 | 0.01 | 0 | 0 | 0 | 0 | 61 | 5.9 | 0.885 | 16.7 | 9.9 | 6.71 | 42.811 | -78.8536 |
| 9/21/2016 7:39 | 12.68 | 76.74 | 0 | 0.01 | 0 | 0 | 0 | 0 | 61 | 6.2 | 1.648 | 16.7 | 10 | 6.71 | 42.811 | -78.8536 |
| 9/21/2016 7:38 | 12.68 | 73.13 | 0 | 0.01 | 0 | 0 | 0 | 0 | 60 | 6.1 | 0.624 | 16.7 | 10.2 | 6.63 | 42.811 | -78.8536 |
| 9/21/2016 7:37 | 12.69 | 71.45 | 0 | 0.01 | 0 | 0 | 0 | 0 | 61 | 5.7 | 0.987 | 16.7 | 10.3 | 6.55 | 42.811 | -78.8536 |
| 9/21/2016 7:36 | 12.68 | 70.8 | 0 | 0.01 | 0 | 0 | 0 | 0 | 60 | 6.7 | 0.906 | 16.6 | 10.5 | 6.55 | 42.811 | -78.8536 |
| 9/21/2016 7:35 | 12.68 | 71.19 | 0 | 0.01 | 0 | 0 | 0 | 0 | 60 | 7.9 | 1.569 | 16.6 | 10.6 | 6.45 | 42.811 | -78.8536 |
| 9/21/2016 7:34 | 12.69 | 71.32 | 0 | 0.01 | 0 | 0 | 0 | 0 | 61 | 6.5 | 1.649 | 16.7 | 10.8 | 6.32 | 42.811 | -78.8536 |
| 9/21/2016 7:33 | 12.68 | 72.35 | 0 | 0.01 | 0 | 0 | 0 | 0 | 60 | 6.9 | 1.529 | 16.6 | 10.9 | 6.29 | 42.811 | -78.8536 |
| 9/21/2016 7:32 | 12.68 | 68.73 | 0 | 0.01 | 0 | 0 | 0 | 0 | 60 | 6.7 | 2.053 | 16.5 | 11.1 | 6.29 | 42.811 | -78.8536 |
| 9/21/2016 7:31 | 12.69 | 67.57 | 0 | 0.01 | 0 | 0 | 0 | 0 | 61 | 6.2 | 1.163 | 16.6 | 11.3 | 6.34 | 42.811 | -78.8536 |
| 9/21/2016 7:30 | 12.67 | 76.36 | 0 | 0.01 | 0 | 0 | 0 | 0 | 60 | 8.1 | 1.274 | 16.7 | 11.6 | 6.39 | 42.811 | -78.8536 |
| 9/21/2016 7:29 | 12.68 | 74.42 | 0 | 0.01 | 0 | 0 | 0 | 0 | 60 | 6.7 | 0.967 | 16.5 | 11.8 | 6.27 | 42.811 | -78.8536 |
| 9/21/2016 7:28 | 12.68 | 69.77 | 0 | 0.01 | 0 | 0 | 0 | 0.0001 | 60 | 5.8 | 1.122 | 16.6 | 12.2 | 6.29 | 42.811 | -78.8536 |
| 9/21/2016 7:27 | 12.68 | 65.76 | 0 | 0.01 | 0 | 0 | 0 | 0.0007 | 60 | 7.5 | 1.858 | 16.6 | 12.5 | 6.43 | 42.811 | -78.8536 |
| 9/21/2016 7:26 | 12.67 | 79.59 | 0 | 0.01 | 0 | 0 | 0 | 0.0007 | 60 | 7.7 | 1.503 | 16.6 | 12.9 | 6.54 | 42.811 | -78.8536 |
| 9/21/2016 7:25 | 12.68 | 70.8 | 0 | 0.01 | 0 | 0 | 0 | 0.0007 | 59 | 6 | 1.479 | 16.6 | 13.4 | 6.46 | 42.811 | -78.8536 |
| 9/21/2016 7:24 | 12.68 | 71.83 | 0 | 0.01 | 0 | 0 | 0 | 0.0008 | 59 | 4.9 | 0.66 | 16.6 | 13.8 | 6.49 | 42.811 | -78.8536 |
| 9/21/2016 7:23 | 12.69 | 67.44 | 0 | 0.01 | 0 | 0 | 0 | 0.0008 | 60 | 4.9 | 0.507 | 16.5 | 14.5 | 6.62 | 42.811 | -78.8536 |
| 9/21/2016 7:22 | 12.68 | 70.16 | 0 | 0.01 | 0 | 0 | 0 | 0.0009 | 59 | 5.7 | 0.75 | 16.6 | 15.3 | 6.78 | 42.811 | -78.8536 |
| 9/21/2016 7:21 | 12.67 | 79.97 | 0 | 0.01 | 0 | 0 | 0 | 0.001 | 59 | 5.2 | 0.777 | 16.5 | 16.2 | 6.89 | 42.811 | -78.8536 |
| 9/21/2016 7:20 | 12.66 | 86.05 | 0 | 0.01 | 0 | 0 | 0 | 0.0011 | 59 | 6 | 1.465 | 16.6 | 17.2 | 7.08 | 42.811 | -78.8536 |
| 9/21/2016 7:19 | 12.69 | 67.7 | 0 | 0.01 | 0 | 0 | 0 | 0.0012 | 57 | 6.1 | 0.683 | 16.6 | 18.5 | 7.21 | 42.811 | -78.8536 |
| 9/21/2016 7:18 | 12.68 | 68.6 | 0 | 0.01 | 0 | 0 | 0 | 0.0014 | 57 | 6.8 | 0.932 | 16.5 | 20.4 | 7.37 | 42.811 | -78.8536 |
| 9/21/2016 7:17 | 12.68 | 68.48 | 0 | 0.01 | 0 | 0 | 0 | 0.0017 | 57 | 7.5 | 0.993 | 16.5 | 22.3 | 7.47 | 42.811 | -78.8536 |
| 9/21/2016 7:16 | 12.67 | 73.51 | 0 | 0.01 | 0 | 0 | 0 | 0.002 | 56 | 6.9 | 1.132 | 16.5 | 25.6 | 7.46 | 42.811 | -78.8536 |
| 9/21/2016 7:15 | 12.68 | 66.54 | 0 | 0.01 | 0 | 0 | 0 | 0.0025 | 55 | 6.4 | 1.701 | 16.5 | 30.3 | 7.6 | 42.811 | -78.8536 |
| 9/21/2016 7:14 | 12.66 | 75.84 | 0.002 | 0.01 | 0 | 0 | 0.001 | 0.0033 | 54 | 6.9 | 0.706 | 16.5 | 37.9 | 8 | 42.811 | -78.8536 |
| 9/21/2016 7:13 | 12.68 | 78.17 | 0.008 | 0.01 | 0 | 0 | 0.009 | 0.0045 | 53 | 7.9 | 1.322 | 16.5 | 47.8 | 8.55 | 42.811 | -78.8536 |
| 9/21/2016 7:12 | 12.69 | 84.11 | 0 | 0 | 0 | 0 | 0 | 0 | 52 | 9.2 | 2.151 | 16.5 | 75.9 | 9.2 | 42.811 | -78.8536 |

| Timestamp (GMT-4) | Batt. Voltage (V) | Current (mA) | Low (ppm) | Peak (ppm) | STEL (ppm) | TWA (ppm) | VOC (ppm) | VOC (Avg15) (ppm) | Humidity (%) | Mass (µg/m³) | Particle size (µm) | Temperature (°C) | TWA (µg/m³) | Mass (Avg15) (µg/m³) | Latitude | Longitude |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 9/22/2016 15:45 | | | 0 | 0.031 | 0 | 0 | 0 | 0 | | | | | | | | |
| 9/22/2016 15:44 | 12.28 | 70.16 | 0 | 0.031 | 0 | 0 | 0 | 0 | 38 | 11.5 | 1.677 | 35.4 | 17.9 | 15.42 | 42.8112 | -78.8528 |
| 9/22/2016 15:43 | 12.28 | 67.83 | 0 | 0.031 | 0 | 0 | 0 | 0 | 37 | 12 | 0.918 | 35.3 | 17.8 | 16.09 | 42.8112 | -78.8528 |
| 9/22/2016 15:42 | 12.28 | 71.58 | 0 | 0.031 | 0 | 0 | 0 | 0 | 37 | 9.5 | 1.195 | 35.3 | 17.8 | 18.14 | 42.8112 | -78.8528 |
| 9/22/2016 15:41 | 12.27 | 72.61 | 0 | 0.031 | 0 | 0 | 0 | 0 | 38 | 37.9 | 3.646 | 35.3 | 17.8 | 19.11 | 42.8112 | -78.8528 |
| 9/22/2016 15:40 | 12.27 | 71.71 | 0 | 0.031 | 0 | 0 | 0 | 0 | 38 | 7.4 | 0.538 | 35.3 | 17.7 | 17.2 | 42.8112 | -78.8528 |
| 9/22/2016 15:39 | 12.28 | 68.35 | 0 | 0.031 | 0 | 0 | 0 | 0 | 37 | 9.9 | 0.96 | 35.2 | 17.8 | 18.09 | 42.8113 | -78.8528 |
| 9/22/2016 15:38 | 12.27 | 71.32 | 0 | 0.031 | 0 | 0 | 0 | 0 | 38 | 8 | 0.586 | 35.2 | 17.8 | 23.51 | 42.8113 | -78.8528 |
| 9/22/2016 15:37 | 12.23 | 87.73 | 0 | 0.031 | 0 | 0 | 0 | 0 | 38 | 12.5 | 1.43 | 35.3 | 17.8 | 28.53 | 42.8113 | -78.8528 |
| 9/22/2016 15:36 | 12.27 | 70.67 | 0 | 0.031 | 0 | 0 | 0 | 0 | 38 | 20 | 1.752 | 35.3 | 17.8 | 29.38 | 42.8112 | -78.8528 |
| 9/22/2016 15:35 | 12.29 | 69.25 | 0 | 0.031 | 0 | 0 | 0 | 0 | 38 | 10 | 0.757 | 35.2 | 17.8 | 29.38 | 42.8112 | -78.8528 |
| 9/22/2016 15:34 | 12.28 | 71.06 | 0 | 0.031 | 0 | 0 | 0 | 0 | 38 | 16.2 | 3.515 | 35.2 | 17.8 | 30.19 | 42.8112 | -78.8528 |
| 9/22/2016 15:33 | 12.26 | 71.71 | 0 | 0.031 | 0 | 0 | 0 | 0 | 38 | 15.9 | 1.695 | 35.2 | 17.8 | 29.75 | 42.8112 | -78.8528 |
| 9/22/2016 15:32 | 12.28 | 70.67 | 0 | 0.031 | 0 | 0 | 0 | 0 | 38 | 21 | 2.073 | 35.1 | 17.8 | 29.59 | 42.8113 | -78.8528 |
| 9/22/2016 15:31 | 12.28 | 70.93 | 0 | 0.031 | 0 | 0 | 0 | 0 | 38 | 8.9 | 0.699 | 35.2 | 17.8 | 29.27 | 42.8113 | -78.8528 |
| 9/22/2016 15:30 | 12.27 | 73.9 | 0 | 0.031 | 0 | 0 | 0 | 0 | 38 | 30.6 | 4 | 35.2 | 17.8 | 32.09 | 42.8113 | -78.8528 |
| 9/22/2016 15:29 | 12.23 | 88.11 | 0 | 0.031 | 0 | 0 | 0 | 0 | 39 | 21.5 | 4 | 35.1 | 17.7 | 30.55 | 42.8113 | -78.8528 |
| 9/22/2016 15:28 | 12.28 | 68.73 | 0 | 0.031 | 0 | 0 | 0 | 0 | 39 | 42.8 | 4 | 35.1 | 17.7 | 30.73 | 42.8113 | -78.8528 |
| 9/22/2016 15:27 | 12.29 | 72.74 | 0 | 0.031 | 0 | 0 | 0 | 0 | 38 | 24 | 4 | 35.1 | 17.7 | 29.16 | 42.8113 | -78.8528 |
| 9/22/2016 15:26 | 12.26 | 80.1 | 0 | 0.031 | 0 | 0 | 0 | 0 | 39 | 9.3 | 1.088 | 35.2 | 17.7 | 28.26 | 42.8113 | -78.8528 |
| 9/22/2016 15:25 | 12.25 | 81.14 | 0 | 0.031 | 0 | 0 | 0 | 0 | 38 | 20.7 | 2.83 | 35.1 | 17.7 | 28.72 | 42.8112 | -78.8528 |
| 9/22/2016 15:24 | 12.26 | 79.85 | 0 | 0.031 | 0 | 0 | 0 | 0 | 38 | 91.2 | 4 | 35.2 | 17.7 | 27.75 | 42.8113 | -78.8528 |
| 9/22/2016 15:23 | 12.26 | 78.17 | 0 | 0.031 | 0 | 0 | 0 | 0 | 38 | 83.3 | 4 | 35 | 17.5 | 22.51 | 42.8112 | -78.8528 |
| 9/22/2016 15:22 | 12.28 | 71.58 | 0 | 0.031 | 0 | 0 | 0 | 0 | 39 | 25.3 | 4 | 35 | 17.5 | 17.63 | 42.8112 | -78.8528 |
| 9/22/2016 15:21 | 12.22 | 90.31 | 0 | 0.031 | 0 | 0 | 0 | 0 | 38 | 20 | 4 | 35 | 17.5 | 16.89 | 42.8113 | -78.8528 |
| 9/22/2016 15:20 | 12.27 | 74.81 | 0 | 0.031 | 0 | 0 | 0 | 0 | 38 | 22.1 | 2.449 | 35.1 | 17.5 | 17.3 | 42.8113 | -78.8528 |
| 9/22/2016 15:19 | 12.29 | 69.9 | 0 | 0.031 | 0 | 0 | 0 | 0 | 38 | 9.6 | 0.929 | 35 | 17.5 | 16.26 | 42.8113 | -78.8528 |
| 9/22/2016 15:18 | 12.29 | 69.9 | 0 | 0.031 | 0 | 0 | 0 | 0 | 38 | 13.6 | 0.857 | 35.1 | 17.5 | 16.17 | 42.8113 | -78.8528 |
| 9/22/2016 15:17 | 12.22 | 93.54 | 0 | 0.031 | 0 | 0 | 0 | 0 | 39 | 16.1 | 1.053 | 35 | 17.5 | 15.69 | 42.8113 | -78.8528 |
| 9/22/2016 15:16 | 12.3 | 68.73 | 0 | 0.031 | 0 | 0 | 0 | 0 | 39 | 51.2 | 1.043 | 35.1 | 17.5 | 15.06 | 42.8113 | -78.8528 |
| 9/22/2016 15:15 | 12.22 | 95.35 | 0 | 0.031 | 0 | 0 | 0 | 0 | 39 | 7.5 | 0.862 | 34.9 | 17.4 | 12.37 | 42.8113 | -78.8528 |
| 9/22/2016 15:14 | 12.29 | 69.25 | 0 | 0.031 | 0 | 0 | 0 | 0 | 39 | 24.3 | 4 | 34.9 | 17.4 | 18.23 | 42.8113 | -78.8528 |
| 9/22/2016 15:13 | 12.28 | 73 | 0 | 0.031 | 0 | 0 | 0 | 0 | 38 | 19.2 | 1.659 | 34.9 | 17.4 | 17.26 | 42.8113 | -78.8528 |
| 9/22/2016 15:12 | 12.24 | 88.24 | 0 | 0.031 | 0 | 0 | 0 | 0 | 38 | 10.5 | 1.032 | 35 | 17.4 | 17.75 | 42.8113 | -78.8528 |
| 9/22/2016 15:11 | 12.29 | 69.77 | 0 | 0.031 | 0 | 0 | 0 | 0 | 38 | 16.2 | 1.125 | 34.9 | 17.4 | 19.17 | 42.8113 | -78.8528 |
| 9/22/2016 15:10 | 12.28 | 73.51 | 0 | 0.031 | 0 | 0 | 0 | 0 | 38 | 6.1 | 0.703 | 35 | 17.4 | 18.56 | 42.8113 | -78.8528 |
| 9/22/2016 15:09 | 12.28 | 71.32 | 0 | 0.031 | 0 | 0 | 0 | 0 | 39 | 12.6 | 1.638 | 35 | 17.4 | 18.65 | 42.8113 | -78.8528 |
| 9/22/2016 15:08 | 12.28 | 69.77 | 0 | 0.031 | 0 | 0 | 0 | 0 | 39 | 10.2 | 0.641 | 35 | 17.4 | 18.47 | 42.8113 | -78.8528 |
| 9/22/2016 15:07 | 12.28 | 71.32 | 0 | 0.031 | 0 | 0 | 0 | 0 | 38 | 14.1 | 1.332 | 34.9 | 17.4 | 18.34 | 42.8113 | -78.8528 |
| 9/22/2016 15:06 | 12.28 | 70.67 | 0 | 0.031 | 0 | 0 | 0 | 0 | 39 | 26.2 | 4 | 34.9 | 17.4 | 17.99 | 42.8113 | -78.8528 |
| 9/22/2016 15:05 | 12.28 | 71.06 | 0 | 0.031 | 0 | 0 | 0 | 0 | 39 | 6.5 | 0.463 | 34.8 | 17.4 | 17.9 | 42.8113 | -78.8528 |
| 9/22/2016 15:04 | 12.28 | 68.86 | 0 | 0.031 | 0 | 0 | 0 | 0 | 39 | 8.3 | 0.666 | 34.8 | 17.4 | 18.09 | 42.8113 | -78.8528 |
| 9/22/2016 15:03 | 12.26 | 82.56 | 0 | 0.031 | 0 | 0 | 0 | 0 | 38 | 6.4 | 0.544 | 34.9 | 17.5 | 22.15 | 42.8113 | -78.8528 |
| 9/22/2016 15:02 | 12.27 | 77.91 | 0 | 0.031 | 0 | 0 | 0 | 0 | 38 | 6.6 | 0.481 | 34.8 | 17.5 | 22.57 | 42.8113 | -78.8528 |
| 9/22/2016 15:01 | 12.29 | 69.25 | 0 | 0.031 | 0 | 0 | 0 | 0 | 39 | 10.9 | 3.077 | 34.9 | 17.5 | 23.76 | 42.8113 | -78.8528 |
| 9/22/2016 15:00 | 12.28 | 71.71 | 0 | 0.031 | 0 | 0 | 0 | 0 | 38 | 95.4 | 4 | 35 | 17.4 | 23.7 | 42.8113 | -78.8528 |

| Timestamp (GMT-4) | Batt. Voltage (V) | Current (mA) | Low (ppm) | Peak (ppm) | STEL (ppm) | TWA (ppm) | VOC (ppm) | VOC (Avg15) (ppm) | Humidity (%) | Mass (µg/m³) | Particle size (µm) | Temperature (°C) | TWA (µg/m³) | Mass (Avg15) (µg/m³) | Latitude | Longitude |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 9/22/2016 14:59 | 12.24 | 87.98 | 0 | 0.031 | 0 | 0 | 0 | 0 | 37 | 9.7 | 2.733 | 34.9 | 17.3 | 18.71 | 42.8113 | -78.8528 |
| 9/22/2016 14:58 | 12.28 | 71.83 | 0 | 0.031 | 0 | 0 | 0 | 0 | 39 | 26.6 | 4 | 34.9 | 17.3 | 18.63 | 42.8113 | -78.8528 |
| 9/22/2016 14:57 | 12.29 | 70.03 | 0 | 0.031 | 0 | 0 | 0 | 0 | 39 | 31.7 | 2.452 | 34.9 | 17.3 | 23.23 | 42.8113 | -78.8528 |
| 9/22/2016 14:56 | 12.28 | 70.28 | 0 | 0.031 | 0 | 0 | 0 | 0 | 38 | 7.1 | 0.519 | 34.8 | 17.3 | 25.39 | 42.8113 | -78.8528 |
| 9/22/2016 14:55 | 12.3 | 69.51 | 0 | 0.031 | 0 | 0 | 0 | 0 | 38 | 7.5 | 0.718 | 35 | 17.3 | 30.67 | 42.8113 | -78.8528 |
| 9/22/2016 14:54 | 12.3 | 69.25 | 0 | 0.031 | 0 | 0 | 0 | 0 | 38 | 9.8 | 0.995 | 34.8 | 17.3 | 33.2 | 42.8113 | -78.8528 |
| 9/22/2016 14:53 | 12.29 | 69.9 | 0 | 0.031 | 0 | 0 | 0 | 0 | 37 | 8.3 | 0.795 | 34.8 | 17.3 | 33.07 | 42.8113 | -78.8528 |
| 9/22/2016 14:52 | 12.24 | 86.82 | 0 | 0.031 | 0 | 0 | 0 | 0 | 37 | 8.8 | 1.399 | 34.8 | 17.4 | 33.08 | 42.8113 | -78.8528 |
| 9/22/2016 14:51 | 12.29 | 72.87 | 0 | 0.031 | 0 | 0 | 0 | 0 | 37 | 24.9 | 4 | 34.8 | 17.4 | 33.16 | 42.8113 | -78.8528 |
| 9/22/2016 14:50 | 12.24 | 87.34 | 0 | 0.031 | 0 | 0 | 0 | 0 | 38 | 9.3 | 0.949 | 35 | 17.3 | 31.87 | 42.8113 | -78.8528 |
| 9/22/2016 14:49 | 12.28 | 69.64 | 0 | 0.031 | 0 | 0 | 0 | 0 | 38 | 69.2 | 4 | 34.8 | 17.2 | 32.21 | 42.8113 | -78.8528 |
| 9/22/2016 14:48 | 12.24 | 86.31 | 0 | 0.031 | 0 | 0 | 0 | 0 | 37 | 12.7 | 4 | 34.8 | 17.2 | 28.65 | 42.8113 | -78.8528 |
| 9/22/2016 14:47 | 12.28 | 73.39 | 0 | 0.031 | 0 | 0 | 0 | 0 | 37 | 24.5 | 4 | 34.7 | 17.2 | 29.37 | 42.8113 | -78.8528 |
| 9/22/2016 14:46 | 12.28 | 72.74 | 0 | 0.031 | 0 | 0 | 0 | 0 | 38 | 10 | 1.484 | 34.8 | 17.2 | 28.95 | 42.8113 | -78.8528 |
| 9/22/2016 14:45 | 12.29 | 70.67 | 0 | 0.031 | 0 | 0 | 0 | 0 | 37 | 20.5 | 2.239 | 34.8 | 17.2 | 30.41 | 42.8113 | -78.8528 |
| 9/22/2016 14:44 | 12.29 | 71.45 | 0 | 0.031 | 0 | 0 | 0 | 0 | 38 | 8.5 | 1.113 | 34.8 | 17.2 | 30.41 | 42.8113 | -78.8528 |
| 9/22/2016 14:43 | 12.24 | 85.79 | 0 | 0.031 | 0 | 0 | 0 | 0 | 38 | 95.7 | 4 | 34.8 | 17.2 | 42.94 | 42.8113 | -78.8528 |
| 9/22/2016 14:42 | 12.24 | 88.11 | 0 | 0.031 | 0 | 0 | 0 | 0 | 37 | 64.1 | 2.304 | 34.8 | 17 | 52.77 | 42.8113 | -78.8528 |
| 9/22/2016 14:41 | 12.28 | 70.16 | 0 | 0.031 | 0 | 0 | 0 | 0 | 38 | 86.3 | 4 | 34.7 | 17 | 54.26 | 42.8113 | -78.8528 |
| 9/22/2016 14:40 | 12.3 | 67.44 | 0 | 0.031 | 0 | 0 | 0 | 0 | 37 | 45.4 | 1.26 | 34.8 | 17 | 49.48 | 42.8113 | -78.8528 |
| 9/22/2016 14:39 | 12.28 | 70.93 | 0 | 0.031 | 0 | 0 | 0 | 0 | 38 | 7.9 | 1.602 | 34.8 | 17 | 49.98 | 42.8113 | -78.8528 |
| 9/22/2016 14:38 | 12.29 | 71.06 | 0 | 0.031 | 0 | 0 | 0 | 0 | 37 | 8.4 | 1.009 | 34.8 | 17 | 51.83 | 42.8113 | -78.8528 |
| 9/22/2016 14:37 | 12.3 | 69.12 | 0 | 0.031 | 0 | 0 | 0 | 0 | 37 | 10 | 2.375 | 34.7 | 17 | 52.13 | 42.8112 | -78.8528 |
| 9/22/2016 14:36 | 12.28 | 73.51 | 0 | 0.031 | 0 | 0 | 0 | 0 | 37 | 5.5 | 0.52 | 34.7 | 17 | 52.15 | 42.8112 | -78.8528 |
| 9/22/2016 14:35 | 12.3 | 67.7 | 0 | 0.031 | 0 | 0 | 0 | 0 | 37 | 14.5 | 1.203 | 34.8 | 17 | 52.54 | 42.8112 | -78.8528 |
| 9/22/2016 14:34 | 12.28 | 75.19 | 0 | 0.031 | 0 | 0 | 0 | 0 | 37 | 15.7 | 3.082 | 34.7 | 17 | 62.22 | 42.8113 | -78.8528 |
| 9/22/2016 14:33 | 12.3 | 69.51 | 0 | 0.031 | 0 | 0 | 0 | 0 | 37 | 23.5 | 3.756 | 34.6 | 17 | 61.69 | 42.8113 | -78.8528 |
| 9/22/2016 14:32 | 12.28 | 74.03 | 0 | 0.031 | 0 | 0 | 0 | 0 | 38 | 18.2 | 4 | 34.6 | 17 | 60.82 | 42.8113 | -78.8528 |
| 9/22/2016 14:31 | 12.3 | 70.03 | 0 | 0.031 | 0 | 0 | 0 | 0 | 37 | 32 | 4 | 34.7 | 16.9 | 60.69 | 42.8113 | -78.8528 |
| 9/22/2016 14:30 | 12.3 | 68.73 | 0 | 0.031 | 0 | 0 | 0 | 0 | 38 | 20.4 | 4 | 34.7 | 16.9 | 59.52 | 42.8113 | -78.8528 |
| 9/22/2016 14:29 | 12.29 | 69.38 | 0 | 0.031 | 0 | 0 | 0 | 0 | 37 | 196.5 | 4 | 34.6 | 16.7 | 59.33 | 42.8113 | -78.8528 |
| 9/22/2016 14:28 | 12.29 | 69.38 | 0 | 0.031 | 0 | 0 | 0 | 0 | 38 | 243.1 | 4 | 34.6 | 16.5 | 47.27 | 42.8113 | -78.8528 |
| 9/22/2016 14:27 | 12.3 | 70.03 | 0 | 0.031 | 0 | 0 | 0 | 0 | 38 | 86.5 | 4 | 34.6 | 16.3 | 32.81 | 42.8113 | -78.8528 |
| 9/22/2016 14:26 | 12.24 | 89.54 | 0 | 0.031 | 0 | 0 | 0 | 0 | 37 | 14.6 | 2.143 | 34.6 | 16.2 | 28.65 | 42.8113 | -78.8528 |
| 9/22/2016 14:25 | 12.3 | 68.35 | 0 | 0.031 | 0 | 0 | 0 | 0 | 38 | 52.9 | 4 | 34.7 | 16.2 | 41.28 | 42.8113 | -78.8528 |
| 9/22/2016 14:24 | 12.24 | 87.73 | 0 | 0.031 | 0 | 0 | 0 | 0 | 38 | 35.7 | 4 | 34.6 | 16.1 | 38.51 | 42.8113 | -78.8528 |
| 9/22/2016 14:23 | 12.3 | 69.25 | 0 | 0.031 | 0 | 0 | 0 | 0 | 37 | 12.8 | 1.3 | 34.6 | 16.1 | 37.78 | 42.8113 | -78.8528 |
| 9/22/2016 14:22 | 12.3 | 66.93 | 0 | 0.031 | 0 | 0 | 0 | 0 | 37 | 10.4 | 4 | 34.6 | 16.1 | 37.42 | 42.8113 | -78.8528 |
| 9/22/2016 14:21 | 12.3 | 68.6 | 0 | 0.031 | 0 | 0 | 0 | 0 | 38 | 11.3 | 0.762 | 34.6 | 16.1 | 37.1 | 42.8113 | -78.8528 |
| 9/22/2016 14:20 | 12.23 | 88.5 | 0 | 0.031 | 0 | 0 | 0 | 0 | 37 | 159.7 | 4 | 34.5 | 16 | 36.81 | 42.8113 | -78.8528 |
| 9/22/2016 14:19 | 12.3 | 70.67 | 0 | 0.031 | 0 | 0 | 0 | 0 | 37 | 7.8 | 1.595 | 34.6 | 16 | 26.59 | 42.8113 | -78.8528 |
| 9/22/2016 14:18 | 12.3 | 67.18 | 0 | 0.031 | 0 | 0 | 0 | 0 | 37 | 10.4 | 2.406 | 34.6 | 16 | 26.98 | 42.8113 | -78.8528 |
| 9/22/2016 14:17 | 12.3 | 70.41 | 0 | 0.031 | 0 | 0 | 0 | 0 | 37 | 16.3 | 4 | 34.6 | 16 | 28.57 | 42.8113 | -78.8528 |
| 9/22/2016 14:16 | 12.3 | 67.57 | 0 | 0.031 | 0 | 0 | 0 | 0 | 37 | 14.4 | 4 | 34.5 | 16 | 28.17 | 42.8113 | -78.8528 |
| 9/22/2016 14:15 | 12.31 | 66.93 | 0 | 0.031 | 0 | 0 | 0 | 0 | 37 | 17.6 | 4 | 34.6 | 16 | 27.75 | 42.8113 | -78.8528 |
| 9/22/2016 14:14 | 12.29 | 73.39 | 0 | 0.031 | 0 | 0 | 0 | 0 | 37 | 15.6 | 1.499 | 34.6 | 16 | 29.5 | 42.8113 | -78.8528 |

| Timestamp (GMT-4) | Batt. Voltage (V) | Current (mA) | Low (ppm) | Peak (ppm) | STEL (ppm) | TWA (ppm) | VOC (ppm) | VOC (Avg15) (ppm) | Humidity (%) | Mass (µg/m³) | Particle size (µm) | Temperature (℃) | TWA (µg/m³) | Mass (Avg15) (µg/m³) | Latitude | Longitude |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 9/22/2016 14:13 | 12.3 | 71.32 | 0 | 0.031 | 0 | 0 | 0 | 0 | 37 | 26.1 | 2.762 | 34.6 | 15.9 | 30.19 | 42.8113 | -78.8528 |
| 9/22/2016 14:12 | 12.28 | 70.67 | 0 | 0.031 | 0 | 0 | 0 | 0 | 37 | 24.2 | 4 | 34.6 | 15.9 | 30.06 | 42.8113 | -78.8528 |
| 9/22/2016 14:11 | 12.3 | 70.67 | 0 | 0.031 | 0 | 0 | 0 | 0 | 37 | 204 | 4 | 34.5 | 15.9 | 28.77 | 42.8113 | -78.8528 |
| 9/22/2016 14:10 | 12.3 | 70.41 | 0 | 0.031 | 0 | 0 | 0 | 0 | 37 | 11.4 | 1.113 | 34.4 | 15.8 | 15.99 | 42.8113 | -78.8528 |
| 9/22/2016 14:09 | 12.3 | 70.16 | 0 | 0.031 | 0 | 0 | 0 | 0 | 38 | 24.7 | 4 | 34.4 | 15.8 | 16.53 | 42.8113 | -78.8528 |
| 9/22/2016 14:08 | 12.29 | 73.64 | 0 | 0.031 | 0 | 0 | 0 | 0 | 38 | 7.4 | 0.589 | 34.5 | 15.7 | 15.31 | 42.8113 | -78.8528 |
| 9/22/2016 14:07 | 12.29 | 72.61 | 0 | 0.031 | 0 | 0 | 0 | 0 | 37 | 5.6 | 0.586 | 34.5 | 15.7 | 16.25 | 42.8113 | -78.8528 |
| 9/22/2016 14:06 | 12.29 | 70.16 | 0 | 0.031 | 0 | 0 | 0 | 0 | 38 | 7 | 0.858 | 34.4 | 15.7 | 16.33 | 42.8113 | -78.8528 |
| 9/22/2016 14:05 | 12.3 | 67.31 | 0 | 0.031 | 0 | 0 | 0 | 0 | 38 | 6.4 | 0.756 | 34.4 | 15.8 | 17.08 | 42.8113 | -78.8528 |
| 9/22/2016 14:04 | 12.3 | 72.35 | 0 | 0.031 | 0 | 0 | 0 | 0 | 37 | 13.6 | 1.463 | 34.5 | 15.8 | 17.14 | 42.8113 | -78.8528 |
| 9/22/2016 14:03 | 12.29 | 71.83 | 0 | 0.031 | 0 | 0 | 0 | 0 | 37 | 34.2 | 4 | 34.4 | 15.8 | 16.95 | 42.8113 | -78.8528 |
| 9/22/2016 14:02 | 12.24 | 88.5 | 0 | 0.031 | 0 | 0 | 0 | 0 | 37 | 10.4 | 0.845 | 34.3 | 15.8 | 15.84 | 42.8113 | -78.8528 |
| 9/22/2016 14:01 | 12.29 | 70.8 | 0 | 0.031 | 0 | 0 | 0 | 0 | 37 | 8.1 | 0.823 | 34.3 | 15.8 | 15.59 | 42.8113 | -78.8528 |
| 9/22/2016 14:00 | 12.28 | 76.74 | 0 | 0.031 | 0 | 0 | 0 | 0 | 36 | 43.8 | 4 | 34.4 | 15.7 | 17.11 | 42.8113 | -78.8528 |
| 9/22/2016 13:59 | 12.29 | 69.25 | 0 | 0.031 | 0 | 0 | 0 | 0 | 38 | 25.9 | 4 | 34.4 | 15.7 | 15.15 | 42.8113 | -78.8528 |
| 9/22/2016 13:58 | 12.3 | 67.96 | 0 | 0.031 | 0 | 0 | 0 | 0 | 37 | 24.2 | 4 | 34.4 | 15.7 | 13.92 | 42.8113 | -78.8528 |
| 9/22/2016 13:57 | 12.3 | 67.18 | 0 | 0.031 | 0 | 0 | 0 | 0 | 37 | 4.9 | 0.45 | 34.3 | 15.7 | 13 | 42.8113 | -78.8528 |
| 9/22/2016 13:56 | 12.24 | 89.02 | 0 | 0.031 | 0 | 0 | 0 | 0 | 37 | 12.3 | 2.379 | 34.3 | 15.7 | 14.02 | 42.8113 | -78.8528 |
| 9/22/2016 13:55 | 12.3 | 68.6 | 0 | 0.031 | 0 | 0 | 0 | 0 | 37 | 19.5 | 4 | 34.4 | 15.7 | 13.91 | 42.8113 | -78.8528 |
| 9/22/2016 13:54 | 12.29 | 68.73 | 0 | 0.031 | 0 | 0 | 0 | 0 | 37 | 6.4 | 0.699 | 34.3 | 15.7 | 13.82 | 42.8113 | -78.8528 |
| 9/22/2016 13:53 | 12.3 | 67.18 | 0 | 0.031 | 0 | 0 | 0 | 0 | 37 | 21.5 | 1.983 | 34.4 | 15.6 | 13.95 | 42.8113 | -78.8528 |
| 9/22/2016 13:52 | 12.3 | 69.25 | 0 | 0.031 | 0 | 0 | 0 | 0 | 37 | 6.7 | 0.609 | 34.3 | 15.6 | 13.03 | 42.8113 | -78.8528 |
| 9/22/2016 13:51 | 12.28 | 73.51 | 0 | 0.031 | 0 | 0 | 0 | 0 | 37 | 18.3 | 4 | 34.3 | 15.6 | 13.97 | 42.8113 | -78.8528 |
| 9/22/2016 13:50 | 12.3 | 70.41 | 0 | 0.031 | 0 | 0 | 0 | 0 | 36 | 7.3 | 0.654 | 34.3 | 15.6 | 13.22 | 42.8113 | -78.8528 |
| 9/22/2016 13:49 | 12.3 | 68.99 | 0 | 0.031 | 0 | 0 | 0 | 0 | 37 | 10.8 | 1.561 | 34.3 | 15.7 | 14.21 | 42.8113 | -78.8528 |
| 9/22/2016 13:48 | 12.29 | 70.03 | 0 | 0.031 | 0 | 0 | 0 | 0 | 37 | 17.5 | 1.621 | 34.3 | 15.7 | 14.8 | 42.8113 | -78.8528 |
| 9/22/2016 13:47 | 12.29 | 70.41 | 0 | 0.031 | 0 | 0 | 0 | 0 | 37 | 6.6 | 0.754 | 34.3 | 15.7 | 14.39 | 42.8113 | -78.8528 |
| 9/22/2016 13:46 | 12.29 | 69.51 | 0 | 0.031 | 0 | 0 | 0 | 0 | 37 | 13.9 | 2.305 | 34.3 | 15.7 | 15.6 | 42.8113 | -78.8528 |
| 9/22/2016 13:45 | 12.3 | 67.83 | 0 | 0.031 | 0 | 0 | 0 | 0 | 36 | 18.3 | 4 | 34.3 | 15.7 | 15.42 | 42.8113 | -78.8528 |
| 9/22/2016 13:44 | 12.3 | 68.73 | 0 | 0.031 | 0 | 0 | 0 | 0 | 37 | 9.9 | 2.692 | 34.3 | 15.6 | 14.51 | 42.8113 | -78.8528 |
| 9/22/2016 13:43 | 12.3 | 69.64 | 0 | 0.031 | 0 | 0 | 0 | 0 | 37 | 21.1 | 4 | 34.2 | 15.6 | 14.59 | 42.8113 | -78.8528 |
| 9/22/2016 13:42 | 12.3 | 68.86 | 0 | 0.031 | 0 | 0 | 0 | 0 | 37 | 20.2 | 2.899 | 34.2 | 15.6 | 13.7 | 42.8113 | -78.8528 |
| 9/22/2016 13:41 | 12.3 | 67.05 | 0 | 0.031 | 0 | 0 | 0 | 0 | 37 | 10.7 | 1.435 | 34.2 | 15.6 | 13.02 | 42.8113 | -78.8528 |
| 9/22/2016 13:40 | 12.29 | 72.22 | 0 | 0.031 | 0 | 0 | 0 | 0 | 37 | 18.1 | 1.094 | 34.2 | 15.6 | 14.61 | 42.8113 | -78.8528 |
| 9/22/2016 13:39 | 12.28 | 76.23 | 0 | 0.031 | 0 | 0 | 0 | 0 | 36 | 8.4 | 1.143 | 34.3 | 15.6 | 15.24 | 42.8113 | -78.8528 |
| 9/22/2016 13:38 | 12.29 | 73.13 | 0 | 0.031 | 0 | 0 | 0 | 0 | 36 | 7.7 | 0.804 | 34.3 | 15.6 | 16.85 | 42.8113 | -78.8528 |
| 9/22/2016 13:37 | 12.3 | 69.51 | 0 | 0.031 | 0 | 0 | 0 | 0 | 37 | 20.7 | 4 | 34.3 | 15.7 | 18.12 | 42.8113 | -78.8528 |
| 9/22/2016 13:36 | 12.25 | 86.05 | 0 | 0.031 | 0 | 0 | 0 | 0 | 37 | 7.1 | 4 | 34.2 | 15.7 | 17.83 | 42.8113 | -78.8528 |
| 9/22/2016 13:35 | 12.3 | 69.64 | 0 | 0.031 | 0 | 0 | 0 | 0 | 37 | 22.1 | 4 | 34.2 | 15.7 | 19.51 | 42.8113 | -78.8528 |
| 9/22/2016 13:34 | 12.3 | 68.35 | 0 | 0.031 | 0 | 0 | 0 | 0 | 37 | 19.7 | 3.376 | 34.3 | 15.7 | 18.59 | 42.8113 | -78.8528 |
| 9/22/2016 13:33 | 12.31 | 67.44 | 0 | 0.031 | 0 | 0 | 0 | 0 | 37 | 11.3 | 1.579 | 34.3 | 15.7 | 18.51 | 42.8113 | -78.8528 |
| 9/22/2016 13:32 | 12.29 | 73.39 | 0 | 0.031 | 0 | 0 | 0 | 0 | 37 | 24.8 | 4 | 34.3 | 15.7 | 18.86 | 42.8113 | -78.8528 |
| 9/22/2016 13:31 | 12.3 | 67.57 | 0 | 0.031 | 0 | 0 | 0 | 0 | 37 | 11.2 | 1.374 | 34.2 | 15.7 | 21.27 | 42.8113 | -78.8528 |
| 9/22/2016 13:30 | 12.3 | 70.8 | 0 | 0.031 | 0 | 0 | 0 | 0 | 38 | 4.6 | 0.703 | 34.2 | 15.7 | 20.91 | 42.8113 | -78.8528 |
| 9/22/2016 13:29 | 12.31 | 68.09 | 0 | 0.031 | 0 | 0 | 0 | 0 | 38 | 11.2 | 1.847 | 34.2 | 15.7 | 20.93 | 42.8113 | -78.8528 |
| 9/22/2016 13:28 | 12.3 | 68.48 | 0 | 0.031 | 0 | 0 | 0 | 0 | 38 | 7.7 | 1.29 | 34.2 | 15.7 | 20.73 | 42.8113 | -78.8528 |

| Timestamp (GMT-4) | Batt. Voltage (V) | Current (mA) | Low (ppm) | Peak (ppm) | STEL (ppm) | TWA (ppm) | VOC (ppm) | VOC (Avg15) (ppm) | Humidity (%) | Mass (µg/m³) | Particle size (µm) | Temperature (°C) | TWA (µg/m³) | Mass (Avg15) (µg/m³) | Latitude | Longitude |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 9/22/2016 13:27 | 12.28 | 73.77 | 0 | 0.031 | 0 | 0 | 0 | 0 | 38 | 10 | 3.55 | 34.2 | 15.7 | 20.71 | 42.8113 | -78.8528 |
| 9/22/2016 13:26 | 12.3 | 68.48 | 0 | 0.031 | 0 | 0 | 0 | 0 | 38 | 34.6 | 4 | 34.3 | 15.7 | 22 | 42.8113 | -78.8528 |
| 9/22/2016 13:25 | 12.3 | 67.7 | 0 | 0.031 | 0 | 0 | 0 | 0 | 38 | 27.5 | 4 | 34.2 | 15.7 | 20.23 | 42.8113 | -78.8528 |
| 9/22/2016 13:24 | 12.25 | 85.79 | 0 | 0.031 | 0 | 0 | 0 | 0 | 38 | 32.5 | 4 | 34.3 | 15.7 | 19.44 | 42.8112 | -78.8528 |
| 9/22/2016 13:23 | 12.3 | 67.96 | 0 | 0.031 | 0 | 0 | 0 | 0 | 37 | 26.8 | 4 | 34.3 | 15.6 | 19.1 | 42.8113 | -78.8528 |
| 9/22/2016 13:22 | 12.21 | 103.62 | 0 | 0.031 | 0 | 0 | 0 | 0 | 37 | 16.3 | 2.172 | 34.2 | 15.5 | 18.5 | 42.8113 | -78.8528 |
| 9/22/2016 13:21 | 12.3 | 68.73 | 0 | 0.031 | 0 | 0 | 0 | 0 | 38 | 32.4 | 4 | 34.2 | 15.5 | 17.87 | 42.8113 | -78.8528 |
| 9/22/2016 13:20 | 12.25 | 85.79 | 0 | 0.031 | 0 | 0 | 0 | 0 | 37 | 8.2 | 4 | 34.3 | 15.5 | 17.91 | 42.8113 | -78.8528 |
| 9/22/2016 13:19 | 12.31 | 67.57 | 0 | 0.031 | 0 | 0 | 0 | 0 | 38 | 18.5 | 4 | 34.2 | 15.5 | 18.4 | 42.8113 | -78.8528 |
| 9/22/2016 13:18 | 12.3 | 70.54 | 0 | 0.031 | 0 | 0 | 0 | 0 | 37 | 16.6 | 4 | 34.2 | 15.4 | 17.82 | 42.8113 | -78.8528 |
| 9/22/2016 13:17 | 12.28 | 75.84 | 0 | 0.031 | 0 | 0 | 0 | 0 | 37 | 61 | 1.018 | 34.2 | 15.4 | 19.44 | 42.8113 | -78.8528 |
| 9/22/2016 13:16 | 12.26 | 84.75 | 0 | 0.031 | 0 | 0 | 0 | 0 | 37 | 5.7 | 0.464 | 34.2 | 15.4 | 15.95 | 42.8113 | -78.8528 |
| 9/22/2016 13:15 | 12.31 | 67.31 | 0 | 0.031 | 0 | 0 | 0 | 0 | 38 | 5 | 0.481 | 34.2 | 15.4 | 17.22 | 42.8113 | -78.8528 |
| 9/22/2016 13:14 | 12.25 | 86.05 | 0 | 0.031 | 0 | 0 | 0 | 0 | 37 | 8.2 | 1.174 | 34.2 | 15.5 | 17.51 | 42.8112 | -78.8528 |
| 9/22/2016 13:13 | 12.3 | 68.09 | 0 | 0.031 | 0 | 0 | 0 | 0 | 38 | 7.4 | 0.632 | 34.2 | 15.5 | 17.39 | 42.8113 | -78.8528 |
| 9/22/2016 13:12 | 12.26 | 85.79 | 0 | 0.031 | 0 | 0 | 0 | 0 | 38 | 29.3 | 4 | 34.2 | 15.5 | 19.44 | 42.8112 | -78.8528 |
| 9/22/2016 13:11 | 12.3 | 67.96 | 0 | 0.031 | 0 | 0 | 0 | 0 | 38 | 8 | 2.047 | 34.1 | 15.5 | 19.48 | 42.8112 | -78.8528 |
| 9/22/2016 13:10 | 12.3 | 71.19 | 0 | 0.031 | 0 | 0 | 0 | 0 | 38 | 15.7 | 4 | 34.1 | 15.5 | 19.75 | 42.8113 | -78.8528 |
| 9/22/2016 13:09 | 12.3 | 69.51 | 0 | 0.031 | 0 | 0 | 0 | 0 | 39 | 27.4 | 4 | 34.1 | 15.5 | 19.56 | 42.8113 | -78.8528 |
| 9/22/2016 13:08 | 12.28 | 74.94 | 0 | 0.031 | 0 | 0 | 0 | 0 | 38 | 17.8 | 3.631 | 34 | 15.4 | 18.48 | 42.8113 | -78.8528 |
| 9/22/2016 13:07 | 12.26 | 84.5 | 0 | 0.031 | 0 | 0 | 0 | 0 | 38 | 6.9 | 2.059 | 34 | 15.4 | 17.87 | 42.8112 | -78.8528 |
| 9/22/2016 13:06 | 12.29 | 74.68 | 0 | 0.031 | 0 | 0 | 0 | 0 | 39 | 32.9 | 4 | 34.1 | 15.4 | 17.98 | 42.8112 | -78.8528 |
| 9/22/2016 13:05 | 12.29 | 75.84 | 0 | 0.031 | 0 | 0 | 0 | 0 | 38 | 15.6 | 4 | 34.1 | 15.4 | 17.06 | 42.8113 | -78.8528 |
| 9/22/2016 13:04 | 12.29 | 72.48 | 0 | 0.031 | 0 | 0 | 0 | 0 | 38 | 9.8 | 1.292 | 34.1 | 15.4 | 21.96 | 42.8112 | -78.8528 |
| 9/22/2016 13:03 | 12.31 | 68.99 | 0 | 0.031 | 0 | 0 | 0 | 0 | 39 | 40.9 | 4 | 34.1 | 15.4 | 22.21 | 42.8112 | -78.8528 |
| 9/22/2016 13:02 | 12.3 | 72.22 | 0 | 0.031 | 0 | 0 | 0 | 0 | 38 | 8.6 | 4 | 34.1 | 15.2 | 20.58 | 42.8112 | -78.8529 |
| 9/22/2016 13:01 | 12.3 | 68.6 | 0 | 0.031 | 0 | 0 | 0 | 0 | 39 | 24.8 | 4 | 34 | 15.2 | 20.55 | 42.8112 | -78.8529 |
| 9/22/2016 13:00 | 12.29 | 74.55 | 0 | 0.031 | 0 | 0 | 0 | 0 | 38 | 9.3 | 2.11 | 34 | 15.2 | 19.56 | 42.8112 | -78.8528 |
| 9/22/2016 12:59 | 12.3 | 70.03 | 0 | 0.031 | 0 | 0 | 0 | 0 | 38 | 6.5 | 1.34 | 34 | 15.2 | 20.74 | 42.8112 | -78.8528 |
| 9/22/2016 12:58 | 12.31 | 66.8 | 0 | 0.031 | 0 | 0 | 0 | 0 | 38 | 38.1 | 4 | 33.9 | 15.2 | 21.5 | 42.8112 | -78.8528 |
| 9/22/2016 12:57 | 12.3 | 69.25 | 0 | 0.031 | 0 | 0 | 0 | 0 | 38 | 29.9 | 4 | 34 | 15.2 | 20.57 | 42.8113 | -78.8528 |
| 9/22/2016 12:56 | 12.31 | 67.18 | 0 | 0.031 | 0 | 0 | 0 | 0 | 39 | 12.1 | 4 | 33.8 | 15.2 | 18.86 | 42.8113 | -78.8528 |
| 9/22/2016 12:55 | 12.3 | 68.48 | 0 | 0.031 | 0 | 0 | 0 | 0 | 38 | 12.8 | 2.176 | 33.9 | 15.2 | 18.91 | 42.8112 | -78.8528 |
| 9/22/2016 12:54 | 12.3 | 72.09 | 0 | 0.031 | 0 | 0 | 0 | 0 | 39 | 11.2 | 4 | 33.8 | 15.2 | 18.71 | 42.8113 | -78.8528 |
| 9/22/2016 12:53 | 12.3 | 73.13 | 0 | 0.031 | 0 | 0 | 0 | 0 | 37 | 8.6 | 0.554 | 33.8 | 15.2 | 18.79 | 42.8112 | -78.8528 |
| 9/22/2016 12:52 | 12.3 | 69.77 | 0 | 0.031 | 0 | 0 | 0 | 0 | 38 | 8.6 | 4 | 33.9 | 15.1 | 19.01 | 42.8112 | -78.8528 |
| 9/22/2016 12:51 | 12.29 | 70.16 | 0 | 0.031 | 0 | 0 | 0 | 0 | 38 | 19.1 | 4 | 33.8 | 15.2 | 20.09 | 42.8113 | -78.8528 |
| 9/22/2016 12:50 | 12.3 | 67.7 | 0 | 0.031 | 0 | 0 | 0 | 0 | 38 | 89.1 | 4 | 33.8 | 15.1 | 19.15 | 42.8113 | -78.8528 |
| 9/22/2016 12:49 | 12.3 | 72.09 | 0 | 0.031 | 0 | 0 | 0 | 0 | 38 | 13.6 | 3.816 | 33.8 | 15.1 | 16.25 | 42.8112 | -78.8528 |
| 9/22/2016 12:48 | 12.24 | 89.92 | 0 | 0.031 | 0 | 0 | 0 | 0 | 38 | 16.4 | 2.633 | 33.7 | 15.1 | 15.76 | 42.8113 | -78.8528 |
| 9/22/2016 12:47 | 12.31 | 67.44 | 0 | 0.031 | 0 | 0 | 0 | 0 | 38 | 8.1 | 0.972 | 33.8 | 15.1 | 15.64 | 42.8113 | -78.8528 |
| 9/22/2016 12:46 | 12.3 | 69.38 | 0 | 0.031 | 0 | 0 | 0 | 0 | 38 | 10 | 4 | 33.7 | 15.1 | 16.53 | 42.8113 | -78.8528 |
| 9/22/2016 12:45 | 12.3 | 69.9 | 0 | 0.031 | 0 | 0 | 0 | 0 | 39 | 27 | 4 | 33.7 | 15.1 | 17.05 | 42.8113 | -78.8528 |
| 9/22/2016 12:44 | 12.28 | 72.87 | 0 | 0.031 | 0 | 0 | 0 | 0 | 38 | 17.9 | 4 | 33.5 | 15 | 16.01 | 42.8113 | -78.8528 |
| 9/22/2016 12:43 | 12.29 | 73.51 | 0 | 0.031 | 0 | 0 | 0 | 0 | 39 | 24.1 | 4 | 33.7 | 15 | 15.46 | 42.8113 | -78.8528 |
| 9/22/2016 12:42 | 12.3 | 69.77 | 0 | 0.031 | 0 | 0 | 0 | 0 | 38 | 4.3 | 1.08 | 33.7 | 15 | 14.6 | 42.8112 | -78.8528 |

| Timestamp (GMT-4) | Batt. Voltage (V) | Current (mA) | Low (ppm) | Peak (ppm) | STEL (ppm) | TWA (ppm) | VOC (ppm) | VOC (Avg15) (ppm) | Humidity (%) | Mass (µg/m³) | Particle size (µm) | Temperature (°C) | TWA (µg/m³) | Mass (Avg15) (µg/m³) | Latitude | Longitude |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 9/22/2016 12:41 | 12.3 | 68.35 | 0 | 0.031 | 0 | 0 | 0 | 0 | 39 | 12.9 | 4 | 33.5 | 15 | 14.83 | 42.8113 | -78.8528 |
| 9/22/2016 12:40 | 12.3 | 69.25 | 0 | 0.031 | 0 | 0 | 0 | 0 | 38 | 9.8 | 2.243 | 33.5 | 15.1 | 14.61 | 42.8112 | -78.8528 |
| 9/22/2016 12:39 | 12.29 | 71.32 | 0 | 0.031 | 0 | 0 | 0 | 0 | 38 | 12.3 | 4 | 33.5 | 15.1 | 14.55 | 42.8112 | -78.8528 |
| 9/22/2016 12:38 | 12.3 | 67.83 | 0 | 0.031 | 0 | 0 | 0 | 0 | 38 | 12 | 2.761 | 33.5 | 15.1 | 14.43 | 42.8113 | -78.8528 |
| 9/22/2016 12:37 | 12.3 | 69.12 | 0 | 0.031 | 0 | 0 | 0 | 0 | 39 | 24.7 | 4 | 33.5 | 15.1 | 13.92 | 42.8113 | -78.8528 |
| 9/22/2016 12:36 | 12.3 | 68.35 | 0 | 0.031 | 0 | 0 | 0 | 0 | 37 | 5 | 0.779 | 33.3 | 15.1 | 12.69 | 42.8113 | -78.8528 |
| 9/22/2016 12:35 | 12.26 | 84.37 | 0 | 0.031 | 0 | 0 | 0 | 0 | 38 | 45.6 | 4 | 33.5 | 15.1 | 12.73 | 42.8113 | -78.8528 |
| 9/22/2016 12:34 | 12.29 | 74.42 | 0 | 0.031 | 0 | 0 | 0 | 0 | 38 | 6.3 | 0.826 | 33.3 | 15.1 | 10.33 | 42.8113 | -78.8528 |
| 9/22/2016 12:33 | 12.24 | 89.02 | 0 | 0.031 | 0 | 0 | 0 | 0 | 38 | 14.6 | 4 | 33.4 | 15.1 | 10.6 | 42.8113 | -78.8528 |
| 9/22/2016 12:32 | 12.3 | 71.06 | 0 | 0.031 | 0 | 0 | 0 | 0 | 38 | 21.4 | 4 | 33.3 | 15.1 | 10.08 | 42.8113 | -78.8528 |
| 9/22/2016 12:31 | 12.25 | 87.6 | 0 | 0.031 | 0 | 0 | 0 | 0 | 39 | 17.9 | 4 | 33.3 | 15 | 8.95 | 42.8113 | -78.8528 |
| 9/22/2016 12:30 | 12.3 | 69.64 | 0 | 0.031 | 0 | 0 | 0 | 0 | 38 | 11.4 | 4 | 33.2 | 15.1 | 8.47 | 42.8113 | -78.8528 |
| 9/22/2016 12:29 | 12.29 | 72.74 | 0 | 0.031 | 0 | 0 | 0 | 0 | 39 | 9.6 | 2.11 | 33.2 | 15 | 8.07 | 42.8113 | -78.8528 |
| 9/22/2016 12:28 | 12.29 | 73.51 | 0 | 0.031 | 0 | 0 | 0 | 0 | 38 | 11.2 | 2.733 | 33.2 | 15.1 | 7.74 | 42.8113 | -78.8528 |
| 9/22/2016 12:27 | 12.31 | 67.57 | 0 | 0.031 | 0 | 0 | 0 | 0 | 38 | 7.8 | 0.499 | 33.1 | 15.1 | 7.44 | 42.8113 | -78.8528 |
| 9/22/2016 12:26 | 12.3 | 71.58 | 0 | 0.031 | 0 | 0 | 0 | 0 | 38 | 9.5 | 1.574 | 33.1 | 15.1 | 7.63 | 42.8113 | -78.8528 |
| 9/22/2016 12:25 | 12.29 | 71.96 | 0 | 0.031 | 0 | 0 | 0 | 0 | 39 | 9 | 4 | 33.1 | 15.1 | 7.24 | 42.8113 | -78.8528 |
| 9/22/2016 12:24 | 12.26 | 83.46 | 0 | 0.031 | 0 | 0 | 0 | 0 | 38 | 10.5 | 4 | 33 | 15.1 | 6.98 | 42.8113 | -78.8528 |
| 9/22/2016 12:23 | 12.28 | 77.39 | 0 | 0.031 | 0 | 0 | 0 | 0 | 39 | 4.3 | 0.926 | 33 | 15.2 | 6.54 | 42.8113 | -78.8528 |
| 9/22/2016 12:22 | 12.3 | 70.54 | 0 | 0.031 | 0 | 0 | 0 | 0 | 38 | 6.2 | 1.731 | 33 | 15.2 | 6.55 | 42.8113 | -78.8528 |
| 9/22/2016 12:21 | 12.3 | 68.73 | 0 | 0.031 | 0 | 0 | 0 | 0 | 38 | 5.6 | 0.736 | 33 | 15.2 | 6.38 | 42.8113 | -78.8528 |
| 9/22/2016 12:20 | 12.28 | 73 | 0 | 0.031 | 0 | 0 | 0 | 0 | 39 | 9.7 | 1.47 | 32.9 | 15.2 | 6.29 | 42.8113 | -78.8528 |
| 9/22/2016 12:19 | 12.29 | 71.71 | 0 | 0.031 | 0 | 0 | 0 | 0 | 39 | 10.3 | 1.439 | 32.8 | 15.3 | 9.15 | 42.8113 | -78.8528 |
| 9/22/2016 12:18 | 12.28 | 76.74 | 0 | 0.031 | 0 | 0 | 0 | 0 | 38 | 6.8 | 0.97 | 32.8 | 15.3 | 8.73 | 42.8113 | -78.8528 |
| 9/22/2016 12:17 | 12.29 | 72.61 | 0 | 0.031 | 0 | 0 | 0 | 0 | 38 | 4.4 | 0.562 | 32.8 | 15.3 | 8.53 | 42.8113 | -78.8528 |
| 9/22/2016 12:16 | 12.3 | 68.48 | 0 | 0.031 | 0 | 0 | 0 | 0 | 38 | 10.7 | 4 | 32.8 | 15.3 | 8.58 | 42.8113 | -78.8528 |
| 9/22/2016 12:15 | 12.3 | 69.12 | 0 | 0.031 | 0 | 0 | 0 | 0 | 37 | 5.4 | 0.646 | 32.7 | 15.3 | 8.15 | 42.8113 | -78.8528 |
| 9/22/2016 12:14 | 12.3 | 68.48 | 0 | 0.031 | 0 | 0 | 0 | 0 | 38 | 4.7 | 0.516 | 32.6 | 15.4 | 8.02 | 42.8113 | -78.8528 |
| 9/22/2016 12:13 | 12.29 | 72.61 | 0 | 0.031 | 0 | 0 | 0 | 0 | 38 | 6.7 | 0.791 | 32.7 | 15.4 | 8.24 | 42.8113 | -78.8528 |
| 9/22/2016 12:12 | 12.29 | 70.03 | 0 | 0.031 | 0 | 0 | 0 | 0 | 39 | 10.7 | 2.076 | 32.6 | 15.4 | 8.04 | 42.8113 | -78.8528 |
| 9/22/2016 12:11 | 12.29 | 68.99 | 0 | 0.031 | 0 | 0 | 0 | 0 | 39 | 3.6 | 0.603 | 32.6 | 15.4 | 7.55 | 42.8113 | -78.8528 |
| 9/22/2016 12:10 | 12.3 | 69.9 | 0 | 0.031 | 0 | 0 | 0 | 0 | 39 | 5.1 | 0.657 | 32.6 | 15.5 | 7.8 | 42.8113 | -78.8528 |
| 9/22/2016 12:09 | 12.29 | 68.73 | 0 | 0.031 | 0 | 0 | 0 | 0 | 39 | 3.9 | 0.668 | 32.6 | 15.5 | 7.79 | 42.8113 | -78.8528 |
| 9/22/2016 12:08 | 12.28 | 69.38 | 0 | 0.031 | 0 | 0 | 0 | 0 | 38 | 4.5 | 0.603 | 32.5 | 15.5 | 8.31 | 42.8113 | -78.8528 |
| 9/22/2016 12:07 | 12.24 | 87.86 | 0 | 0.031 | 0 | 0 | 0 | 0 | 38 | 3.6 | 0.415 | 32.5 | 15.6 | 8.38 | 42.8113 | -78.8528 |
| 9/22/2016 12:06 | 12.3 | 67.96 | 0 | 0.031 | 0 | 0 | 0 | 0 | 39 | 4.3 | 0.569 | 32.5 | 15.6 | 8.44 | 42.8113 | -78.8528 |
| 9/22/2016 12:05 | 12.3 | 72.61 | 0 | 0.031 | 0 | 0 | 0 | 0 | 38 | 52.6 | 4 | 32.3 | 15.6 | 8.37 | 42.8113 | -78.8528 |
| 9/22/2016 12:04 | 12.28 | 75.06 | 0 | 0.031 | 0 | 0 | 0 | 0 | 38 | 3.9 | 0.482 | 32.2 | 15.6 | 5.11 | 42.8113 | -78.8528 |
| 9/22/2016 12:03 | 12.24 | 89.02 | 0 | 0.031 | 0 | 0 | 0 | 0 | 38 | 3.8 | 0.506 | 32.3 | 15.7 | 5.22 | 42.8113 | -78.8528 |
| 9/22/2016 12:02 | 12.29 | 70.03 | 0 | 0.031 | 0 | 0 | 0 | 0 | 38 | 5.2 | 0.545 | 32.3 | 15.7 | 5.32 | 42.8113 | -78.8528 |
| 9/22/2016 12:01 | 12.28 | 72.22 | 0 | 0.031 | 0 | 0 | 0 | 0 | 39 | 4.3 | 0.625 | 32.2 | 15.8 | 5.27 | 42.8113 | -78.8528 |
| 9/22/2016 12:00 | 12.29 | 68.73 | 0 | 0.031 | 0 | 0 | 0 | 0 | 39 | 3.4 | 0.523 | 32.2 | 15.8 | 5.31 | 42.8113 | -78.8528 |
| 9/22/2016 11:59 | 12.3 | 68.48 | 0 | 0.031 | 0 | 0 | 0 | 0 | 38 | 8 | 1.33 | 32.2 | 15.8 | 5.59 | 42.8113 | -78.8528 |
| 9/22/2016 11:58 | 12.28 | 76.36 | 0 | 0.031 | 0 | 0 | 0 | 0 | 39 | 3.7 | 0.526 | 32.2 | 15.9 | 5.37 | 42.8113 | -78.8528 |
| 9/22/2016 11:57 | 12.3 | 68.99 | 0 | 0.031 | 0 | 0 | 0 | 0 | 38 | 3.3 | 0.549 | 32.1 | 15.9 | 5.43 | 42.8113 | -78.8528 |
| 9/22/2016 11:56 | 12.29 | 70.93 | 0 | 0.031 | 0 | 0 | 0 | 0 | 39 | 7.4 | 0.716 | 32.1 | 15.9 | 5.75 | 42.8113 | -78.8528 |

| Timestamp (GMT-4) | Batt. Voltage (V) | Current (mA) | Low (ppm) | Peak (ppm) | STEL (ppm) | TWA (ppm) | VOC (ppm) | VOC (Avg15) (ppm) | Humidity (%) | Mass (µg/m³) | Particle size (µm) | Temperature (°C) | TWA (µg/m³) | Mass (Avg15) (µg/m³) | Latitude | Longitude |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 9/22/2016 11:55 | 12.27 | 76.87 | 0 | 0.031 | 0 | 0 | 0 | 0 | 38 | 4.9 | 1.753 | 32 | 16 | 5.73 | 42.8113 | -78.8528 |
| 9/22/2016 11:54 | 12.28 | 74.16 | 0 | 0.031 | 0 | 0 | 0 | 0 | 40 | 11.7 | 2.46 | 32 | 16 | 7.75 | 42.8113 | -78.8528 |
| 9/22/2016 11:53 | 12.3 | 67.7 | 0 | 0.031 | 0 | 0 | 0 | 0 | 39 | 5.6 | 0.551 | 32 | 16 | 7.9 | 42.8113 | -78.8528 |
| 9/22/2016 11:52 | 12.3 | 67.7 | 0 | 0.031 | 0 | 0 | 0 | 0 | 39 | 4.5 | 0.472 | 31.8 | 16.1 | 8.18 | 42.8113 | -78.8528 |
| 9/22/2016 11:51 | 12.3 | 70.8 | 0 | 0.031 | 0 | 0 | 0 | 0 | 39 | 3.3 | 0.601 | 31.8 | 16.1 | 8.15 | 42.8113 | -78.8528 |
| 9/22/2016 11:50 | 12.28 | 74.16 | 0 | 0.031 | 0 | 0 | 0 | 0 | 39 | 3.7 | 0.553 | 31.8 | 16.2 | 8.21 | 42.8113 | -78.8528 |
| 9/22/2016 11:49 | 12.3 | 68.22 | 0 | 0.031 | 0 | 0 | 0 | 0 | 40 | 5.5 | 0.605 | 31.8 | 16.2 | 8.45 | 42.8113 | -78.8528 |
| 9/22/2016 11:48 | 12.3 | 69.25 | 0 | 0.031 | 0 | 0 | 0 | 0 | 39 | 5.3 | 0.648 | 31.7 | 16.2 | 8.73 | 42.8113 | -78.8528 |
| 9/22/2016 11:47 | 12.3 | 70.67 | 0 | 0.031 | 0 | 0 | 0 | 0 | 40 | 4.5 | 0.659 | 31.6 | 16.3 | 8.82 | 42.8113 | -78.8528 |
| 9/22/2016 11:46 | 12.3 | 69.51 | 0 | 0.031 | 0 | 0 | 0 | 0 | 40 | 4.8 | 0.452 | 31.7 | 16.3 | 8.77 | 42.8113 | -78.8528 |
| 9/22/2016 11:45 | 12.3 | 68.6 | 0 | 0.031 | 0 | 0 | 0 | 0 | 40 | 7.7 | 2.544 | 31.6 | 16.4 | 9.43 | 42.8113 | -78.8528 |
| 9/22/2016 11:44 | 12.24 | 86.82 | 0 | 0.031 | 0 | 0 | 0 | 0 | 39 | 4.7 | 0.825 | 31.5 | 16.4 | 9.24 | 42.8113 | -78.8528 |
| 9/22/2016 11:43 | 12.3 | 68.6 | 0 | 0.031 | 0 | 0 | 0 | 0 | 40 | 4.5 | 0.926 | 31.6 | 16.4 | 9.36 | 42.8113 | -78.8528 |
| 9/22/2016 11:42 | 12.25 | 85.66 | 0 | 0.031 | 0 | 0 | 0 | 0 | 39 | 8.1 | 3.366 | 31.5 | 16.5 | 9.41 | 42.8113 | -78.8528 |
| 9/22/2016 11:41 | 12.29 | 70.93 | 0 | 0.031 | 0 | 0 | 0 | 0 | 40 | 7.2 | 1.55 | 31.5 | 16.5 | 9.14 | 42.8113 | -78.8528 |
| 9/22/2016 11:40 | 12.3 | 68.99 | 0 | 0.031 | 0 | 0 | 0 | 0 | 41 | 35.2 | 4 | 31.5 | 16.5 | 8.91 | 42.8113 | -78.8528 |
| 9/22/2016 11:39 | 12.28 | 68.73 | 0 | 0.031 | 0 | 0 | 0 | 0 | 41 | 13.9 | 2.353 | 31.4 | 16.5 | 6.87 | 42.8113 | -78.8528 |
| 9/22/2016 11:38 | 12.26 | 70.16 | 0 | 0.031 | 0 | 0 | 0 | 0 | 40 | 9.8 | 0.929 | 31.3 | 16.5 | 6.18 | 42.8113 | -78.8528 |
| 9/22/2016 11:37 | 12.26 | 71.83 | 0 | 0.031 | 0 | 0 | 0 | 0 | 40 | 4.1 | 0.523 | 31.2 | 16.6 | 5.89 | 42.8113 | -78.8528 |
| 9/22/2016 11:36 | 12.17 | 70.67 | 0 | 0.031 | 0 | 0 | 0 | 0 | 40 | 4.2 | 0.778 | 31.2 | 16.6 | 5.95 | 42.8113 | -78.8528 |
| 9/22/2016 11:35 | 12.2 | 73.26 | 0 | 0.031 | 0 | 0 | 0 | 0 | 41 | 7.3 | 4 | 31.2 | 16.7 | 6.11 | 42.8113 | -78.8528 |
| 9/22/2016 11:34 | 12.24 | 69.51 | 0 | 0.031 | 0 | 0 | 0 | 0 | 41 | 9.6 | 2.059 | 31.2 | 16.7 | 5.91 | 42.8113 | -78.8528 |
| 9/22/2016 11:33 | 12.24 | 68.99 | 0 | 0.031 | 0 | 0 | 0 | 0 | 40 | 6.7 | 0.918 | 31.1 | 16.7 | 5.52 | 42.8113 | -78.8528 |
| 9/22/2016 11:32 | 12.2 | 81.01 | 0 | 0.031 | 0 | 0 | 0 | 0 | 40 | 3.8 | 0.732 | 31.1 | 16.8 | 5.39 | 42.8113 | -78.8528 |
| 9/22/2016 11:31 | 12.24 | 69.64 | 0 | 0.031 | 0 | 0 | 0 | 0 | 40 | 14.7 | 4 | 31 | 16.8 | 5.39 | 42.8113 | -78.8528 |
| 9/22/2016 11:30 | 12.24 | 68.48 | 0 | 0.031 | 0 | 0 | 0 | 0 | 40 | 4.8 | 0.728 | 31 | 16.8 | 4.83 | 42.8113 | -78.8528 |
| 9/22/2016 11:29 | 12.24 | 70.03 | 0 | 0.031 | 0 | 0 | 0 | 0 | 40 | 6.5 | 0.68 | 31.1 | 16.9 | 4.77 | 42.8113 | -78.8528 |
| 9/22/2016 11:28 | 12.24 | 72.35 | 0 | 0.031 | 0 | 0 | 0 | 0 | 40 | 5.3 | 1.288 | 31 | 16.9 | 4.66 | 42.8113 | -78.8528 |
| 9/22/2016 11:27 | 12.24 | 69.12 | 0 | 0.031 | 0 | 0 | 0 | 0 | 40 | 4 | 0.556 | 30.8 | 17 | 4.72 | 42.8113 | -78.8528 |
| 9/22/2016 11:26 | 12.22 | 74.29 | 0 | 0.031 | 0 | 0 | 0 | 0 | 40 | 3.7 | 0.479 | 30.9 | 17 | 4.86 | 42.8113 | -78.8528 |
| 9/22/2016 11:25 | 12.23 | 73 | 0 | 0.031 | 0 | 0 | 0 | 0 | 41 | 4.6 | 0.724 | 30.8 | 17.1 | 4.93 | 42.8113 | -78.8528 |
| 9/22/2016 11:24 | 12.24 | 69.12 | 0 | 0.031 | 0 | 0 | 0 | 0 | 40 | 3.6 | 0.457 | 30.7 | 17.1 | 5.16 | 42.8113 | -78.8528 |
| 9/22/2016 11:23 | 12.23 | 71.32 | 0 | 0.031 | 0 | 0 | 0 | 0 | 41 | 5.4 | 0.525 | 30.7 | 17.2 | 5.48 | 42.8113 | -78.8528 |
| 9/22/2016 11:22 | 12.24 | 69.38 | 0 | 0.031 | 0 | 0 | 0 | 0 | 41 | 5.1 | 0.892 | 30.7 | 17.2 | 5.43 | 42.8113 | -78.8528 |
| 9/22/2016 11:21 | 12.25 | 69.38 | 0 | 0.031 | 0 | 0 | 0 | 0 | 41 | 6.5 | 0.77 | 30.6 | 17.3 | 5.27 | 42.8113 | -78.8528 |
| 9/22/2016 11:20 | 12.25 | 68.6 | 0 | 0.031 | 0 | 0 | 0 | 0 | 41 | 4.4 | 0.759 | 30.6 | 17.3 | 5.11 | 42.8113 | -78.8528 |
| 9/22/2016 11:19 | 12.24 | 70.41 | 0 | 0.031 | 0 | 0 | 0 | 0 | 41 | 3.7 | 0.457 | 30.6 | 17.3 | 5.14 | 42.8113 | -78.8528 |
| 9/22/2016 11:18 | 12.19 | 87.47 | 0 | 0.031 | 0 | 0 | 0 | 0 | 41 | 4.7 | 0.452 | 30.5 | 17.4 | 5.18 | 42.8113 | -78.8528 |
| 9/22/2016 11:17 | 12.26 | 70.41 | 0 | 0.031 | 0 | 0 | 0 | 0 | 41 | 3.9 | 0.451 | 30.5 | 17.4 | 5.11 | 42.8113 | -78.8528 |
| 9/22/2016 11:16 | 12.25 | 71.45 | 0 | 0.031 | 0 | 0 | 0 | 0 | 42 | 6.2 | 0.732 | 30.4 | 17.5 | 5.09 | 42.8113 | -78.8528 |
| 9/22/2016 11:15 | 12.22 | 77 | 0 | 0.031 | 0 | 0 | 0 | 0 | 42 | 4 | 0.585 | 30.3 | 17.5 | 6.41 | 42.8113 | -78.8528 |
| 9/22/2016 11:14 | 12.26 | 68.35 | 0 | 0.031 | 0 | 0 | 0 | 0 | 42 | 4.8 | 0.954 | 30.3 | 17.6 | 6.37 | 42.8113 | -78.8528 |
| 9/22/2016 11:13 | 12.25 | 68.48 | 0 | 0.031 | 0 | 0 | 0 | 0 | 42 | 6.2 | 0.728 | 30.3 | 17.6 | 6.25 | 42.8113 | -78.8528 |
| 9/22/2016 11:12 | 12.25 | 71.96 | 0 | 0.031 | 0 | 0 | 0 | 0 | 42 | 6.1 | 0.689 | 30.2 | 17.7 | 6.16 | 42.8113 | -78.8528 |
| 9/22/2016 11:11 | 12.23 | 76.36 | 0 | 0.031 | 0 | 0 | 0 | 0 | 42 | 4.7 | 0.602 | 30.3 | 17.7 | 6.09 | 42.8113 | -78.8528 |
| 9/22/2016 11:10 | 12.25 | 70.03 | 0 | 0.031 | 0 | 0 | 0 | 0 | 42 | 8.1 | 4 | 30.1 | 17.8 | 6.07 | 42.8113 | -78.8528 |

| Timestamp (GMT-4) | Batt. Voltage (V) | Current (mA) | Low (ppm) | Peak (ppm) | STEL (ppm) | TWA (ppm) | VOC (ppm) | VOC (Avg15) (ppm) | Humidity (%) | Mass (µg/m³) | Particle size (µm) | Temperature (℃) | TWA (µg/m³) | Mass (Avg15) (µg/m³) | Latitude | Longitude |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 9/22/2016 11:09 | 12.25 | 68.73 | 0 | 0.031 | 0 | 0 | 0 | 0 | 42 | 8.4 | 1.719 | 30.2 | 17.8 | 5.89 | 42.8113 | -78.8528 |
| 9/22/2016 11:08 | 12.25 | 68.6 | 0 | 0.031 | 0 | 0 | 0 | 0 | 43 | 4.6 | 0.824 | 30.2 | 17.8 | 5.82 | 42.8113 | -78.8528 |
| 9/22/2016 11:07 | 12.26 | 67.31 | 0 | 0.031 | 0 | 0 | 0 | 0 | 42 | 2.8 | 0.664 | 30 | 17.9 | 8.62 | 42.8113 | -78.8528 |
| 9/22/2016 11:06 | 12.25 | 69.38 | 0 | 0.031 | 0 | 0 | 0 | 0 | 42 | 4.1 | 0.533 | 30.1 | 18 | 11.95 | 42.8113 | -78.8528 |
| 9/22/2016 11:05 | 12.25 | 69.25 | 0 | 0.031 | 0 | 0 | 0 | 0 | 43 | 4.8 | 0.484 | 30 | 18 | 16.07 | 42.8113 | -78.8528 |
| 9/22/2016 11:04 | 12.24 | 69.9 | 0 | 0.031 | 0 | 0 | 0 | 0 | 43 | 4.3 | 0.662 | 30 | 18.1 | 16.21 | 42.8113 | -78.8528 |
| 9/22/2016 11:03 | 12.24 | 72.48 | 0 | 0.031 | 0 | 0 | 0 | 0 | 43 | 3.7 | 0.595 | 30 | 18.1 | 16.97 | 42.8113 | -78.8528 |
| 9/22/2016 11:02 | 12.23 | 72.35 | 0 | 0.031 | 0 | 0 | 0 | 0 | 43 | 3.5 | 0.515 | 29.8 | 18.2 | 17.25 | 42.8113 | -78.8528 |
| 9/22/2016 11:01 | 12.2 | 81.27 | 0 | 0.031 | 0 | 0 | 0 | 0 | 43 | 26 | 1.996 | 29.8 | 18.2 | 17.39 | 42.8113 | -78.8528 |
| 9/22/2016 11:00 | 12.23 | 71.96 | 0 | 0.031 | 0 | 0 | 0 | 0 | 43 | 3.5 | 0.426 | 29.8 | 18.3 | 15.99 | 42.8113 | -78.8528 |
| 9/22/2016 10:59 | 12.22 | 73.77 | 0 | 0.031 | 0 | 0 | 0 | 0 | 43 | 3 | 0.513 | 29.7 | 18.3 | 16.01 | 42.8113 | -78.8528 |
| 9/22/2016 10:58 | 12.22 | 72.87 | 0 | 0.031 | 0 | 0 | 0 | 0 | 43 | 4.8 | 0.497 | 29.6 | 18.4 | 16.27 | 42.8113 | -78.8528 |
| 9/22/2016 10:57 | 12.21 | 74.29 | 0 | 0.031 | 0 | 0 | 0 | 0 | 43 | 5.1 | 0.726 | 29.6 | 18.5 | 16.15 | 42.8113 | -78.8528 |
| 9/22/2016 10:56 | 12.22 | 73 | 0 | 0.031 | 0 | 0 | 0 | 0 | 43 | 4.4 | 0.809 | 29.6 | 18.5 | 16.05 | 42.8113 | -78.8528 |
| 9/22/2016 10:55 | 12.18 | 68.99 | 0 | 0.031 | 0 | 0 | 0 | 0 | 44 | 5.4 | 0.593 | 29.5 | 18.6 | 16.03 | 42.8113 | -78.8528 |
| 9/22/2016 10:54 | 12.16 | 78.68 | 0 | 0.031 | 0 | 0 | 0 | 0 | 44 | 7.3 | 2.254 | 29.4 | 18.6 | 16.67 | 42.8113 | -78.8528 |
| 9/22/2016 10:53 | 12.24 | 69.25 | 0 | 0.031 | 0 | 0 | 0 | 0 | 44 | 46.6 | 4 | 29.3 | 18.6 | 17.09 | 42.8113 | -78.8528 |
| 9/22/2016 10:52 | 12.26 | 69.25 | 0 | 0.031 | 0 | 0 | 0 | 0 | 44 | 52.8 | 4 | 29.3 | 18.3 | 14.32 | 42.8112 | -78.8529 |
| 9/22/2016 10:51 | 12.3 | 70.67 | 0 | 0.031 | 0 | 0 | 0 | 0 | 45 | 65.9 | 4 | 29.3 | 18.3 | 11.03 | 42.811 | -78.8536 |
| 9/22/2016 10:50 | 12.24 | 86.69 | 0 | 0.031 | 0 | 0 | 0 | 0 | 44 | 6.8 | 0.792 | 29.2 | 18.3 | 7.31 | 42.811 | -78.8536 |
| 9/22/2016 10:49 | 12.3 | 70.41 | 0 | 0.031 | 0 | 0 | 0 | 0 | 45 | 15.7 | 4 | 29.2 | 18.4 | 7.25 | 42.811 | -78.8536 |
| 9/22/2016 10:48 | 12.3 | 68.73 | 0 | 0.031 | 0 | 0 | 0 | 0 | 45 | 7.9 | 4 | 29.1 | 18.4 | 6.6 | 42.811 | -78.8536 |
| 9/22/2016 10:47 | 12.29 | 69.25 | 0 | 0.031 | 0 | 0 | 0 | 0 | 44 | 5.6 | 0.629 | 29.1 | 18.4 | 6.5 | 42.811 | -78.8536 |
| 9/22/2016 10:46 | 12.3 | 69.51 | 0 | 0.031 | 0 | 0 | 0 | 0 | 45 | 5.1 | 0.808 | 29 | 18.4 | 6.75 | 42.811 | -78.8536 |
| 9/22/2016 10:45 | 12.3 | 68.6 | 0 | 0.031 | 0 | 0 | 0 | 0 | 46 | 3.7 | 0.859 | 29 | 18.5 | 6.79 | 42.811 | -78.8536 |
| 9/22/2016 10:44 | 12.29 | 68.73 | 0 | 0.031 | 0 | 0 | 0 | 0 | 45 | 6.9 | 0.55 | 28.8 | 18.6 | 6.8 | 42.811 | -78.8536 |
| 9/22/2016 10:43 | 12.3 | 68.48 | 0 | 0.031 | 0 | 0 | 0 | 0 | 44 | 3 | 0.423 | 28.8 | 18.6 | 6.79 | 42.811 | -78.8536 |
| 9/22/2016 10:42 | 12.24 | 90.18 | 0 | 0.031 | 0 | 0 | 0 | 0 | 45 | 3.6 | 0.603 | 28.7 | 18.7 | 6.83 | 42.811 | -78.8536 |
| 9/22/2016 10:41 | 12.28 | 73.26 | 0 | 0.031 | 0 | 0 | 0 | 0 | 45 | 4.2 | 0.586 | 28.8 | 18.7 | 6.85 | 42.811 | -78.8536 |
| 9/22/2016 10:40 | 12.29 | 68.6 | 0 | 0.031 | 0 | 0 | 0 | 0 | 45 | 15 | 4 | 28.7 | 18.7 | 6.95 | 42.811 | -78.8536 |
| 9/22/2016 10:39 | 12.3 | 67.83 | 0 | 0.031 | 0 | 0 | 0 | 0 | 45 | 13.6 | 4 | 28.6 | 18.7 | 6.33 | 42.811 | -78.8536 |
| 9/22/2016 10:38 | 12.22 | 87.08 | 0 | 0.031 | 0 | 0 | 0 | 0 | 46 | 5 | 0.889 | 28.6 | 18.8 | 5.75 | 42.811 | -78.8536 |
| 9/22/2016 10:37 | 12.27 | 72.48 | 0 | 0.031 | 0 | 0 | 0 | 0 | 46 | 3.4 | 0.558 | 28.5 | 18.8 | 6.13 | 42.811 | -78.8536 |
| 9/22/2016 10:36 | 12.28 | 69.64 | 0 | 0.031 | 0 | 0 | 0 | 0 | 46 | 10.1 | 4 | 28.5 | 18.9 | 7.43 | 42.811 | -78.8536 |
| 9/22/2016 10:35 | 12.28 | 69.77 | 0 | 0.031 | 0 | 0 | 0 | 0 | 47 | 6 | 0.548 | 28.3 | 18.9 | 7.26 | 42.811 | -78.8536 |
| 9/22/2016 10:34 | 12.29 | 68.73 | 0 | 0.031 | 0 | 0 | 0 | 0 | 46 | 5.9 | 0.735 | 28.3 | 19 | 7.17 | 42.811 | -78.8536 |
| 9/22/2016 10:33 | 12.28 | 70.03 | 0 | 0.031 | 0 | 0 | 0 | 0 | 46 | 6.4 | 0.679 | 28.2 | 19.1 | 7.17 | 42.811 | -78.8536 |
| 9/22/2016 10:32 | 12.22 | 94.06 | 0 | 0.031 | 0 | 0 | 0 | 0 | 46 | 9.3 | 4 | 28.2 | 19.1 | 6.97 | 42.811 | -78.8536 |
| 9/22/2016 10:31 | 12.28 | 71.19 | 0 | 0.031 | 0 | 0 | 0 | 0 | 46 | 5.8 | 1.952 | 28.2 | 19.2 | 6.8 | 42.811 | -78.8535 |
| 9/22/2016 10:30 | 12.28 | 77.26 | 0 | 0.031 | 0 | 0 | 0 | 0 | 46 | 3.8 | 0.592 | 28.1 | 19.3 | 6.88 | 42.811 | -78.8535 |
| 9/22/2016 10:29 | 12.27 | 72.87 | 0 | 0.031 | 0 | 0 | 0 | 0 | 46 | 6.7 | 0.874 | 28 | 19.3 | 7.13 | 42.811 | -78.8535 |
| 9/22/2016 10:28 | 12.28 | 70.54 | 0 | 0.031 | 0 | 0 | 0 | 0 | 46 | 3.7 | 0.573 | 28 | 19.4 | 7 | 42.811 | -78.8535 |
| 9/22/2016 10:27 | 12.28 | 71.45 | 0 | 0.031 | 0 | 0 | 0 | 0 | 46 | 3.9 | 0.724 | 27.9 | 19.5 | 7.08 | 42.811 | -78.8535 |
| 9/22/2016 10:26 | 12.27 | 72.61 | 0 | 0.031 | 0 | 0 | 0 | 0 | 46 | 5.7 | 0.703 | 27.8 | 19.6 | 7.59 | 42.811 | -78.8536 |
| 9/22/2016 10:25 | 12.26 | 78.17 | 0 | 0.031 | 0 | 0 | 0 | 0 | 46 | 5.6 | 0.617 | 27.7 | 19.6 | 7.66 | 42.811 | -78.8536 |
| 9/22/2016 10:24 | 12.27 | 73.64 | 0 | 0.031 | 0 | 0 | 0 | 0 | 46 | 4.9 | 0.607 | 27.7 | 19.7 | 7.68 | 42.811 | -78.8536 |

| Timestamp (GMT-4) | Batt. Voltage (V) | Current (mA) | Low (ppm) | Peak (ppm) | STEL (ppm) | TWA (ppm) | VOC (ppm) | VOC (Avg15) (ppm) | Humidity (%) | Mass (µg/m³) | Particle size (µm) | Temperature (°C) | TWA (µg/m³) | Mass (Avg15) (µg/m³) | Latitude | Longitude |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 9/22/2016 10:23 | 12.3 | 67.57 | 0 | 0.031 | 0 | 0 | 0 | 0 | 45 | 10.8 | 1.703 | 27.7 | 19.8 | 7.8 | 42.811 | -78.8536 |
| 9/22/2016 10:22 | 12.24 | 84.24 | 0 | 0.031 | 0 | 0 | 0 | 0 | 46 | 22.9 | 2.097 | 27.5 | 19.8 | 9.25 | 42.811 | -78.8536 |
| 9/22/2016 10:21 | 12.28 | 70.54 | 0 | 0.031 | 0 | 0 | 0 | 0 | 46 | 7.5 | 2.269 | 27.5 | 19.9 | 10.15 | 42.811 | -78.8536 |
| 9/22/2016 10:20 | 12.28 | 72.09 | 0 | 0.031 | 0 | 0 | 0 | 0 | 47 | 4.7 | 2.566 | 27.5 | 19.9 | 10.18 | 42.811 | -78.8536 |
| 9/22/2016 10:19 | 12.28 | 74.16 | 0 | 0.031 | 0 | 0 | 0 | 0 | 47 | 5.8 | 0.76 | 27.5 | 20 | 11.85 | 42.811 | -78.8536 |
| 9/22/2016 10:18 | 12.28 | 72.61 | 0 | 0.031 | 0 | 0 | 0 | 0 | 47 | 3.4 | 0.544 | 27.3 | 20.1 | 11.82 | 42.811 | -78.8536 |
| 9/22/2016 10:14 | 12.28 | 67.96 | 0 | 0.031 | 0 | 0 | 0 | 0 | 47 | 5.1 | 0.646 | 27.1 | 20.4 | 10.97 | 42.811 | -78.8536 |
| 9/22/2016 10:13 | 12.28 | 68.99 | 0 | 0.031 | 0 | 0 | 0 | 0 | 47 | 4.7 | 0.62 | 27 | 20.5 | 11.47 | 42.811 | -78.8536 |
| 9/22/2016 10:12 | 12.28 | 69.12 | 0 | 0.031 | 0 | 0 | 0 | 0 | 48 | 10 | 1.588 | 26.9 | 20.5 | 12.69 | 42.811 | -78.8536 |
| 9/22/2016 10:11 | 12.26 | 75.19 | 0 | 0.031 | 0 | 0 | 0 | 0 | 48 | 6.5 | 0.748 | 26.9 | 20.5 | 13.52 | 42.811 | -78.8536 |
| 9/22/2016 10:10 | 12.27 | 67.83 | 0 | 0.031 | 0 | 0 | 0 | 0 | 48 | 5.9 | 1.019 | 26.9 | 20.6 | 13.93 | 42.811 | -78.8536 |
| 9/22/2016 10:09 | 12.27 | 69.51 | 0 | 0.031 | 0 | 0 | 0 | 0 | 48 | 6.3 | 2.465 | 26.8 | 20.7 | 14.95 | 42.811 | -78.8536 |
| 9/22/2016 10:08 | 12.26 | 71.45 | 0 | 0.031 | 0 | 0 | 0 | 0 | 48 | 28.2 | 4 | 26.7 | 20.8 | 15.13 | 42.811 | -78.8536 |
| 9/22/2016 10:07 | 12.27 | 69.38 | 0 | 0.031 | 0 | 0 | 0 | 0 | 48 | 33.7 | 4 | 26.6 | 20.8 | 13.59 | 42.811 | -78.8536 |
| 9/22/2016 10:06 | 12.28 | 68.6 | 0 | 0.031 | 0 | 0 | 0 | 0 | 49 | 7.9 | 1.122 | 26.6 | 20.8 | 15.31 | 42.811 | -78.8536 |
| 9/22/2016 10:05 | 12.26 | 68.86 | 0 | 0.031 | 0 | 0 | 0 | 0 | 48 | 24.7 | 3.125 | 26.6 | 20.9 | 15.19 | 42.811 | -78.8536 |
| 9/22/2016 10:04 | 12.25 | 71.32 | 0 | 0.031 | 0 | 0 | 0 | 0 | 48 | 5.4 | 0.398 | 26.4 | 21 | 13.81 | 42.811 | -78.8536 |
| 9/22/2016 10:03 | 12.26 | 68.86 | 0 | 0.031 | 0 | 0 | 0 | 0 | 49 | 4.9 | 0.734 | 26.3 | 21 | 13.8 | 42.811 | -78.8536 |
| 9/22/2016 10:02 | 12.24 | 70.16 | 0 | 0.031 | 0 | 0 | 0 | 0 | 49 | 3.9 | 0.469 | 26.2 | 21.1 | 14.02 | 42.811 | -78.8536 |
| 9/22/2016 10:01 | 12.25 | 69.25 | 0 | 0.031 | 0 | 0 | 0 | 0 | 49 | 6.8 | 0.993 | 26.2 | 21.2 | 19.77 | 42.811 | -78.8536 |
| 9/22/2016 10:00 | 12.19 | 88.76 | 0 | 0.031 | 0 | 0 | 0 | 0 | 49 | 10.5 | 2.338 | 26.2 | 21.3 | 19.69 | 42.811 | -78.8536 |
| 9/22/2016 9:59 | 12.26 | 70.28 | 0 | 0.031 | 0 | 0 | 0 | 0 | 49 | 12.6 | 4 | 26.1 | 21.4 | 19.23 | 42.811 | -78.8536 |
| 9/22/2016 9:58 | 12.18 | 88.76 | 0 | 0.031 | 0 | 0 | 0 | 0 | 49 | 23.1 | 4 | 26.1 | 21.4 | 18.7 | 42.811 | -78.8536 |
| 9/22/2016 9:57 | 12.24 | 70.54 | 0 | 0.031 | 0 | 0 | 0 | 0 | 50 | 22.4 | 4 | 26 | 21.4 | 17.43 | 42.811 | -78.8536 |
| 9/22/2016 9:56 | 12.19 | 86.56 | 0 | 0.031 | 0 | 0 | 0 | 0 | 49 | 12.7 | 1.374 | 25.8 | 21.4 | 16.27 | 42.811 | -78.8536 |
| 9/22/2016 9:55 | 12.22 | 76.62 | 0 | 0.031 | 0 | 0 | 0 | 0 | 49 | 21.2 | 4 | 25.7 | 21.4 | 15.67 | 42.811 | -78.8536 |
| 9/22/2016 9:54 | 12.24 | 69.64 | 0 | 0.031 | 0 | 0 | 0 | 0 | 49 | 9 | 1.646 | 25.7 | 21.5 | 14.57 | 42.811 | -78.8536 |
| 9/22/2016 9:53 | 12.22 | 72.22 | 0 | 0.031 | 0 | 0 | 0 | 0 | 50 | 5 | 1.498 | 25.7 | 21.6 | 14.28 | 42.811 | -78.8536 |
| 9/22/2016 9:52 | 12.2 | 81.14 | 0 | 0.031 | 0 | 0 | 0 | 0 | 51 | 59.5 | 4 | 25.5 | 21.6 | 14.17 | 42.811 | -78.8536 |
| 9/22/2016 9:51 | 12.22 | 73.39 | 0 | 0.031 | 0 | 0 | 0 | 0 | 51 | 6.2 | 0.862 | 25.6 | 21.6 | 10.49 | 42.811 | -78.8536 |
| 9/22/2016 9:50 | 12.17 | 86.31 | 0 | 0.031 | 0 | 0 | 0 | 0 | 50 | 4 | 0.646 | 25.5 | 21.7 | 10.41 | 42.811 | -78.8536 |
| 9/22/2016 9:49 | 12.22 | 72.61 | 0 | 0.031 | 0 | 0 | 0 | 0 | 51 | 5.2 | 0.956 | 25.5 | 21.8 | 11.44 | 42.811 | -78.8536 |
| 9/22/2016 9:48 | 12.19 | 85.79 | 0 | 0.031 | 0 | 0 | 0 | 0 | 50 | 8.2 | 0.807 | 25.3 | 21.9 | 12.28 | 42.811 | -78.8536 |
| 9/22/2016 9:47 | 12.24 | 70.67 | 0 | 0.031 | 0 | 0 | 0 | 0 | 50 | 90.1 | 4 | 25.3 | 21.9 | 11.99 | 42.811 | -78.8536 |
| 9/22/2016 9:46 | 12.24 | 69.12 | 0 | 0.031 | 0 | 0 | 0 | 0 | 50 | 5.7 | 0.892 | 25.1 | 21.9 | 6.88 | 42.811 | -78.8536 |
| 9/22/2016 9:45 | 12.25 | 68.6 | 0 | 0.031 | 0 | 0 | 0 | 0 | 51 | 3.5 | 0.501 | 25.2 | 22 | 6.81 | 42.811 | -78.8536 |
| 9/22/2016 9:44 | 12.24 | 72.61 | 0 | 0.031 | 0 | 0 | 0 | 0 | 51 | 4.7 | 0.757 | 25.1 | 22.1 | 6.92 | 42.811 | -78.8536 |
| 9/22/2016 9:43 | 12.26 | 68.86 | 0 | 0.031 | 0 | 0 | 0 | 0 | 51 | 4 | 0.884 | 25 | 22.2 | 7 | 42.811 | -78.8536 |
| 9/22/2016 9:42 | 12.26 | 70.67 | 0 | 0.031 | 0 | 0 | 0 | 0 | 51 | 5.1 | 0.968 | 24.9 | 22.3 | 7.39 | 42.811 | -78.8536 |
| 9/22/2016 9:41 | 12.26 | 69.38 | 0 | 0.031 | 0 | 0 | 0 | 0 | 51 | 3.6 | 0.795 | 24.8 | 22.5 | 9.05 | 42.811 | -78.8536 |
| 9/22/2016 9:40 | 12.22 | 82.04 | 0 | 0.031 | 0 | 0 | 0 | 0 | 52 | 4.8 | 1.029 | 24.7 | 22.6 | 9.07 | 42.811 | -78.8536 |
| 9/22/2016 9:39 | 12.26 | 71.06 | 0 | 0.031 | 0 | 0 | 0 | 0 | 52 | 4.6 | 0.64 | 24.7 | 22.7 | 9.07 | 42.811 | -78.8536 |
| 9/22/2016 9:38 | 12.26 | 70.28 | 0 | 0.031 | 0 | 0 | 0 | 0 | 51 | 3.4 | 0.45 | 24.7 | 22.8 | 9.13 | 42.811 | -78.8536 |
| 9/22/2016 9:37 | 12.25 | 69.51 | 0 | 0.031 | 0 | 0 | 0 | 0 | 52 | 4.2 | 0.559 | 24.5 | 22.9 | 9.13 | 42.811 | -78.8536 |
| 9/22/2016 9:36 | 12.26 | 69.51 | 0 | 0.031 | 0 | 0 | 0 | 0 | 52 | 5.1 | 2.205 | 24.5 | 23 | 9.14 | 42.811 | -78.8536 |
| 9/22/2016 9:35 | 12.25 | 71.06 | 0 | 0.031 | 0 | 0 | 0 | 0 | 51 | 19.4 | 4 | 24.3 | 23.1 | 9.12 | 42.811 | -78.8536 |

| Timestamp (GMT-4) | Batt. Voltage (V) | Current (mA) | Low (ppm) | Peak (ppm) | STEL (ppm) | TWA (ppm) | VOC (ppm) | VOC (Avg15) (ppm) | Humidity (%) | Mass (µg/m³) | Particle size (µm) | Temperature (°C) | TWA (µg/m³) | Mass (Avg15) (µg/m³) | Latitude | Longitude |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 9/22/2016 9:34 | 12.24 | 73.13 | 0 | 0.031 | 0 | 0 | 0 | 0 | 52 | 17.8 | 2.318 | 24.2 | 23.1 | 8.15 | 42.811 | -78.8536 |
| 9/22/2016 9:33 | 12.25 | 73 | 0 | 0.031 | 0 | 0 | 0 | 0 | 53 | 3.8 | 0.496 | 24.3 | 23.2 | 7.19 | 42.811 | -78.8536 |
| 9/22/2016 9:32 | 12.19 | 90.05 | 0 | 0.031 | 0 | 0 | 0 | 0 | 53 | 13.5 | 4 | 24.2 | 23.3 | 7.2 | 42.811 | -78.8536 |
| 9/22/2016 9:31 | 12.26 | 68.6 | 0 | 0.031 | 0 | 0 | 0 | 0 | 53 | 4.6 | 0.594 | 24.2 | 23.4 | 6.56 | 42.811 | -78.8536 |
| 9/22/2016 9:30 | 12.26 | 71.83 | 0 | 0.031 | 0 | 0 | 0 | 0 | 53 | 5.2 | 1.084 | 24 | 23.5 | 6.61 | 42.811 | -78.8536 |
| 9/22/2016 9:29 | 12.25 | 73.51 | 0 | 0.031 | 0 | 0 | 0 | 0 | 54 | 5.9 | 0.721 | 24 | 23.6 | 6.54 | 42.811 | -78.8536 |
| 9/22/2016 9:28 | 12.19 | 88.89 | 0 | 0.031 | 0 | 0 | 0 | 0 | 53 | 9.9 | 1.533 | 23.8 | 23.7 | 6.74 | 42.811 | -78.8536 |
| 9/22/2016 9:27 | 12.24 | 69.64 | 0 | 0.031 | 0 | 0 | 0 | 0 | 53 | 29.9 | 4 | 23.8 | 23.7 | 6.3 | 42.811 | -78.8536 |
| 9/22/2016 9:26 | 12.17 | 86.82 | 0 | 0.031 | 0 | 0 | 0 | 0 | 53 | 3.9 | 0.641 | 23.8 | 23.8 | 4.57 | 42.811 | -78.8536 |
| 9/22/2016 9:25 | 12.23 | 68.86 | 0 | 0.031 | 0 | 0 | 0 | 0 | 54 | 4.9 | 0.614 | 23.7 | 23.9 | 4.52 | 42.811 | -78.8536 |
| 9/22/2016 9:24 | 12.15 | 90.31 | 0 | 0.031 | 0 | 0 | 0 | 0 | 53 | 5.4 | 0.538 | 23.6 | 24.1 | 4.5 | 42.811 | -78.8536 |
| 9/22/2016 9:23 | 12.21 | 72.74 | 0 | 0.031 | 0 | 0 | 0 | 0 | 54 | 3.4 | 0.445 | 23.6 | 24.2 | 4.53 | 42.811 | -78.8536 |
| 9/22/2016 9:22 | 12.24 | 69.51 | 0 | 0.031 | 0 | 0 | 0 | 0 | 53 | 4.4 | 0.463 | 23.4 | 24.3 | 4.61 | 42.811 | -78.8536 |
| 9/22/2016 9:21 | 12.24 | 70.28 | 0 | 0.031 | 0 | 0 | 0 | 0 | 53 | 4.8 | 1.215 | 23.4 | 24.5 | 4.65 | 42.811 | -78.8536 |
| 9/22/2016 9:20 | 12.19 | 86.31 | 0 | 0.031 | 0 | 0 | 0 | 0 | 53 | 4.9 | 0.72 | 23.3 | 24.6 | 4.54 | 42.811 | -78.8536 |
| 9/22/2016 9:19 | 12.23 | 71.19 | 0 | 0.031 | 0 | 0 | 0 | 0 | 54 | 3.3 | 0.533 | 23.2 | 24.8 | 4.67 | 42.811 | -78.8536 |
| 9/22/2016 9:18 | 12.24 | 72.35 | 0 | 0.031 | 0 | 0 | 0 | 0 | 54 | 4 | 0.477 | 23.2 | 25 | 4.93 | 42.811 | -78.8536 |
| 9/22/2016 9:17 | 12.25 | 68.6 | 0 | 0.031 | 0 | 0 | 0 | 0 | 53 | 3.9 | 0.515 | 23.1 | 25.1 | 4.99 | 42.811 | -78.8536 |
| 9/22/2016 9:16 | 12.24 | 70.8 | 0 | 0.031 | 0 | 0 | 0 | 0 | 53 | 5.4 | 0.944 | 23.1 | 25.3 | 5.55 | 42.811 | -78.8536 |
| 9/22/2016 9:15 | 12.24 | 69.25 | 0 | 0.031 | 0 | 0 | 0 | 0 | 54 | 4.1 | 0.573 | 23.1 | 25.4 | 5.58 | 42.811 | -78.8536 |
| 9/22/2016 9:14 | 12.24 | 70.93 | 0 | 0.031 | 0 | 0 | 0 | 0 | 54 | 8.9 | 2.656 | 23 | 25.6 | 5.59 | 42.811 | -78.8536 |
| 9/22/2016 9:13 | 12.24 | 72.87 | 0 | 0.031 | 0 | 0 | 0 | 0 | 53 | 3.3 | 0.531 | 22.8 | 25.7 | 5.4 | 42.811 | -78.8536 |
| 9/22/2016 9:12 | 12.23 | 72.48 | 0 | 0.031 | 0 | 0 | 0 | 0 | 54 | 3.9 | 0.591 | 22.7 | 25.9 | 5.55 | 42.811 | -78.8536 |
| 9/22/2016 9:11 | 12.24 | 72.22 | 0 | 0.031 | 0 | 0 | 0 | 0 | 54 | 3.2 | 0.575 | 22.7 | 26.1 | 5.75 | 42.811 | -78.8536 |
| 9/22/2016 9:10 | 12.25 | 67.96 | 0 | 0.031 | 0 | 0 | 0 | 0 | 55 | 4.6 | 0.625 | 22.6 | 26.2 | 6.07 | 42.811 | -78.8536 |
| 9/22/2016 9:09 | 12.16 | 91.47 | 0 | 0.031 | 0 | 0 | 0 | 0 | 55 | 5.8 | 0.783 | 22.5 | 26.4 | 6.34 | 42.811 | -78.8536 |
| 9/22/2016 9:08 | 12.22 | 73.51 | 0 | 0.031 | 0 | 0 | 0 | 0 | 54 | 4.7 | 0.767 | 22.6 | 26.5 | 6.6 | 42.811 | -78.8536 |
| 9/22/2016 9:07 | 12.19 | 85.4 | 0 | 0.031 | 0 | 0 | 0 | 0 | 55 | 4.9 | 0.846 | 22.5 | 26.7 | 7.86 | 42.811 | -78.8536 |
| 9/22/2016 9:06 | 12.24 | 69.51 | 0 | 0.031 | 0 | 0 | 0 | 0 | 54 | 3.2 | 0.662 | 22.4 | 26.9 | 8.31 | 42.811 | -78.8536 |
| 9/22/2016 9:05 | 12.24 | 70.16 | 0 | 0.031 | 0 | 0 | 0 | 0 | 55 | 6.8 | 0.641 | 22.3 | 27 | 9.26 | 42.811 | -78.8536 |
| 9/22/2016 9:04 | 12.26 | 68.09 | 0 | 0.031 | 0 | 0 | 0 | 0 | 56 | 7.3 | 1.045 | 22.2 | 27.2 | 9.28 | 42.811 | -78.8536 |
| 9/22/2016 9:03 | 12.19 | 85.92 | 0 | 0.031 | 0 | 0 | 0 | 0 | 55 | 4.8 | 1.408 | 22.1 | 27.4 | 9.16 | 42.811 | -78.8536 |
| 9/22/2016 9:02 | 12.25 | 70.03 | 0 | 0.031 | 0 | 0 | 0 | 0 | 56 | 12.3 | 4 | 22 | 27.6 | 9.39 | 42.811 | -78.8536 |
| 9/22/2016 9:01 | 12.24 | 69.77 | 0 | 0.031 | 0 | 0 | 0 | 0 | 56 | 5.9 | 0.905 | 22 | 27.8 | 8.93 | 42.811 | -78.8536 |
| 9/22/2016 9:00 | 12.24 | 69.25 | 0 | 0.031 | 0 | 0 | 0 | 0 | 56 | 4.2 | 0.694 | 22 | 28 | 9.2 | 42.811 | -78.8536 |
| 9/22/2016 8:59 | 12.24 | 71.83 | 0 | 0.031 | 0 | 0 | 0 | 0 | 56 | 6.1 | 0.723 | 21.8 | 28.1 | 10.59 | 42.811 | -78.8536 |
| 9/22/2016 8:58 | 12.24 | 70.03 | 0 | 0.031 | 0 | 0 | 0 | 0 | 55 | 5.6 | 0.769 | 21.7 | 28.3 | 11.29 | 42.811 | -78.8536 |
| 9/22/2016 8:57 | 12.24 | 70.8 | 0 | 0.031 | 0 | 0 | 0 | 0 | 56 | 6.9 | 1.066 | 21.7 | 28.5 | 12.05 | 42.811 | -78.8536 |
| 9/22/2016 8:56 | 12.24 | 71.96 | 0 | 0.031 | 0 | 0 | 0 | 0 | 56 | 7.9 | 1.334 | 21.6 | 28.7 | 12.24 | 42.811 | -78.8536 |
| 9/22/2016 8:55 | 12.23 | 75.45 | 0 | 0.031 | 0 | 0 | 0 | 0 | 56 | 8.7 | 1.081 | 21.6 | 28.9 | 14.49 | 42.811 | -78.8536 |
| 9/22/2016 8:54 | 12.22 | 76.87 | 0 | 0.031 | 0 | 0 | 0 | 0 | 56 | 9.7 | 2.977 | 21.6 | 29.1 | 14.59 | 42.811 | -78.8536 |
| 9/22/2016 8:53 | 12.22 | 75.84 | 0 | 0.031 | 0 | 0 | 0 | 0 | 56 | 23.6 | 2.051 | 21.5 | 29.2 | 14.41 | 42.811 | -78.8536 |
| 9/22/2016 8:52 | 12.19 | 87.6 | 0 | 0.031 | 0 | 0 | 0 | 0 | 57 | 11.6 | 4 | 21.4 | 29.3 | 13.16 | 42.811 | -78.8536 |
| 9/22/2016 8:51 | 12.18 | 88.11 | 0 | 0.031 | 0 | 0 | 0 | 0 | 57 | 17.5 | 4 | 21.3 | 29.4 | 12.89 | 42.811 | -78.8536 |
| 9/22/2016 8:50 | 12.24 | 70.16 | 0 | 0.031 | 0 | 0 | 0 | 0 | 56 | 7.1 | 4 | 21.3 | 29.6 | 12.25 | 42.811 | -78.8536 |
| 9/22/2016 8:49 | 12.24 | 70.41 | 0 | 0.031 | 0 | 0 | 0 | 0 | 57 | 5.5 | 2.466 | 21.2 | 29.8 | 12.11 | 42.811 | -78.8536 |

| Timestamp (GMT-4) | Batt. Voltage (V) | Current (mA) | Low (ppm) | Peak (ppm) | STEL (ppm) | TWA (ppm) | VOC (ppm) | VOC (Avg15) (ppm) | Humidity (%) | Mass (µg/m³) | Particle size (µm) | Temperature (°C) | TWA (µg/m³) | Mass (Avg15) (µg/m³) | Latitude | Longitude |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 9/22/2016 8:48 | 12.24 | 72.09 | 0 | 0.031 | 0 | 0 | 0 | 0 | 57 | 8.3 | 4 | 21.1 | 30 | 12.01 | 42.811 | -78.8536 |
| 9/22/2016 8:47 | 12.19 | 85.4 | 0 | 0.031 | 0 | 0 | 0 | 0 | 57 | 5.3 | 1.375 | 21.1 | 30.2 | 11.83 | 42.811 | -78.8536 |
| 9/22/2016 8:46 | 12.25 | 69.9 | 0 | 0.031 | 0 | 0 | 0 | 0 | 57 | 10 | 4 | 21.1 | 30.5 | 11.93 | 42.811 | -78.8536 |
| 9/22/2016 8:45 | 12.19 | 86.69 | 0 | 0.031 | 0 | 0 | 0 | 0 | 58 | 25 | 4 | 21 | 30.6 | 12.13 | 42.811 | -78.8536 |
| 9/22/2016 8:44 | 12.26 | 68.6 | 0 | 0.031 | 0 | 0 | 0 | 0 | 57 | 16.6 | 4 | 21 | 30.7 | 11.03 | 42.811 | -78.8536 |
| 9/22/2016 8:43 | 12.19 | 69.9 | 0 | 0.031 | 0 | 0 | 0 | 0 | 58 | 17.1 | 4 | 20.8 | 30.9 | 10.23 | 42.811 | -78.8536 |
| 9/22/2016 8:42 | 12.11 | 85.4 | 0 | 0.031 | 0 | 0 | 0 | 0 | 58 | 9.7 | 4 | 20.8 | 31.1 | 9.6 | 42.811 | -78.8536 |
| 9/22/2016 8:41 | 12.19 | 69.77 | 0 | 0.031 | 0 | 0 | 0 | 0 | 58 | 41.7 | 4 | 20.6 | 31.2 | 9.87 | 42.811 | -78.8536 |
| 9/22/2016 8:40 | 12.19 | 70.67 | 0 | 0.031 | 0 | 0 | 0 | 0 | 58 | 10.1 | 4 | 20.7 | 31.2 | 7.58 | 42.811 | -78.8536 |
| 9/22/2016 8:39 | 12.2 | 71.96 | 0 | 0.031 | 0 | 0 | 0 | 0 | 58 | 7.1 | 0.727 | 20.5 | 31.4 | 7.29 | 42.811 | -78.8536 |
| 9/22/2016 8:38 | 12.15 | 85.66 | 0 | 0.031 | 0 | 0 | 0 | 0 | 59 | 4.8 | 1.114 | 20.5 | 31.7 | 7.31 | 42.811 | -78.8536 |
| 9/22/2016 8:37 | 12.22 | 69.64 | 0 | 0.031 | 0 | 0 | 0 | 0 | 59 | 7.5 | 1.071 | 20.5 | 31.9 | 7.33 | 42.811 | -78.8536 |
| 9/22/2016 8:36 | 12.2 | 74.16 | 0 | 0.031 | 0 | 0 | 0 | 0 | 58 | 7.9 | 1.528 | 20.4 | 32.2 | 7.27 | 42.811 | -78.8536 |
| 9/22/2016 8:35 | 12.15 | 88.37 | 0 | 0.031 | 0 | 0 | 0 | 0 | 58 | 5 | 1.361 | 20.3 | 32.5 | 7.38 | 42.811 | -78.8536 |
| 9/22/2016 8:34 | 12.2 | 71.45 | 0 | 0.031 | 0 | 0 | 0 | 0 | 58 | 4 | 0.669 | 20.2 | 32.8 | 7.79 | 42.811 | -78.8536 |
| 9/22/2016 8:33 | 12.22 | 69.12 | 0 | 0.031 | 0 | 0 | 0 | 0 | 58 | 5.7 | 0.924 | 20.2 | 33.1 | 7.91 | 42.811 | -78.8536 |
| 9/22/2016 8:32 | 12.22 | 68.99 | 0 | 0.031 | 0 | 0 | 0 | 0 | 59 | 6.8 | 1.783 | 20.1 | 33.4 | 8.07 | 42.811 | -78.8536 |
| 9/22/2016 8:31 | 12.22 | 69.25 | 0 | 0.031 | 0 | 0 | 0 | 0 | 58 | 12.9 | 4 | 20.1 | 33.7 | 8.17 | 42.811 | -78.8536 |
| 9/22/2016 8:30 | 12.21 | 70.41 | 0 | 0.031 | 0 | 0 | 0 | 0 | 59 | 8.5 | 4 | 20.1 | 33.9 | 8.05 | 42.811 | -78.8536 |
| 9/22/2016 8:29 | 12.22 | 70.8 | 0 | 0.031 | 0 | 0 | 0 | 0 | 59 | 4.7 | 0.983 | 20.1 | 34.2 | 8.13 | 42.811 | -78.8536 |
| 9/22/2016 8:28 | 12.21 | 71.06 | 0 | 0.031 | 0 | 0 | 0 | 0 | 59 | 7.6 | 1.147 | 19.9 | 34.5 | 8.36 | 42.811 | -78.8536 |
| 9/22/2016 8:27 | 12.21 | 69.25 | 0 | 0.031 | 0 | 0 | 0 | 0 | 58 | 13.7 | 3.121 | 19.9 | 34.9 | 9.1 | 42.811 | -78.8536 |
| 9/22/2016 8:26 | 12.22 | 69.51 | 0 | 0.031 | 0 | 0 | 0 | 0 | 59 | 7.4 | 1.662 | 19.8 | 35.1 | 8.62 | 42.811 | -78.8536 |
| 9/22/2016 8:25 | 12.22 | 68.73 | 0 | 0.031 | 0 | 0 | 0 | 0 | 58 | 5.7 | 1.719 | 19.8 | 35.5 | 8.53 | 42.811 | -78.8536 |
| 9/22/2016 8:24 | 12.15 | 85.14 | 0 | 0.031 | 0 | 0 | 0 | 0 | 59 | 7.4 | 3.039 | 19.8 | 35.7 | 8.45 | 42.811 | -78.8536 |
| 9/22/2016 8:23 | 12.2 | 71.06 | 0 | 0.031 | 0 | 0 | 0 | 0 | 60 | 5.1 | 1.034 | 19.7 | 36.3 | 8.47 | 42.811 | -78.8536 |
| 9/22/2016 8:22 | 12.21 | 73.39 | 0 | 0.031 | 0 | 0 | 0 | 0 | 59 | 6.6 | 4 | 19.6 | 36.7 | 8.72 | 42.811 | -78.8536 |
| 9/22/2016 8:21 | 12.22 | 70.8 | 0 | 0.031 | 0 | 0 | 0 | 0 | 59 | 9.6 | 4 | 19.6 | 37 | 8.99 | 42.811 | -78.8536 |
| 9/22/2016 8:20 | 12.22 | 67.57 | 0 | 0.031 | 0 | 0 | 0 | 0 | 59 | 11.2 | 4 | 19.5 | 37.5 | 9.01 | 42.811 | -78.8536 |
| 9/22/2016 8:19 | 12.16 | 80.49 | 0 | 0.031 | 0 | 0 | 0 | 0 | 59 | 5.8 | 0.802 | 19.5 | 37.8 | 9.15 | 42.811 | -78.8536 |
| 9/22/2016 8:16 | 12.16 | 78.29 | 0 | 0.031 | 0 | 0 | 0 | 0 | 59 | 11.3 | 2.37 | 19.4 | 39.1 | 9.82 | 42.811 | -78.8536 |
| 9/22/2016 8:15 | 12.2 | 69.38 | 0 | 0.031 | 0 | 0 | 0 | 0 | 59 | 9.6 | 4 | 19.3 | 39.5 | 10.55 | 42.811 | -78.8536 |
| 9/22/2016 8:14 | 12.17 | 78.55 | 0 | 0.031 | 0 | 0 | 0 | 0 | 60 | 7.7 | 1.603 | 19.2 | 39.9 | 11.41 | 42.811 | -78.8536 |
| 9/22/2016 8:13 | 12.21 | 69.77 | 0 | 0.031 | 0 | 0 | 0 | 0 | 60 | 17.2 | 4 | 19.2 | 40.2 | 12.65 | 42.811 | -78.8536 |
| 9/22/2016 8:12 | 12.19 | 77 | 0 | 0.031 | 0 | 0 | 0 | 0 | 59 | 7.5 | 3.182 | 19.2 | 40.7 | 14.31 | 42.811 | -78.8536 |
| 9/22/2016 8:11 | 12.21 | 68.99 | 0 | 0.031 | 0 | 0 | 0 | 0 | 59 | 6.2 | 1.265 | 19.1 | 41.1 | 17.15 | 42.811 | -78.8536 |
| 9/22/2016 8:10 | 12.2 | 70.28 | 0 | 0.031 | 0 | 0 | 0 | 0 | 59 | 4.6 | 0.723 | 19.1 | 41.7 | 18.83 | 42.811 | -78.8536 |
| 9/22/2016 8:09 | 12.21 | 70.16 | 0 | 0.031 | 0 | 0 | 0 | 0 | 60 | 7.7 | 1.267 | 19.1 | 42.3 | 19.9 | 42.811 | -78.8536 |
| 9/22/2016 8:08 | 12.21 | 69.9 | 0 | 0.031 | 0 | 0 | 0 | 0 | 59 | 8.4 | 2.076 | 19 | 42.8 | 22.15 | 42.811 | -78.8536 |
| 9/22/2016 8:07 | 12.22 | 68.48 | 0 | 0.031 | 0 | 0 | 0 | 0 | 60 | 10.1 | 4 | 19 | 43.3 | 27.93 | 42.811 | -78.8536 |
| 9/22/2016 8:06 | 12.19 | 75.06 | 0 | 0.031 | 0 | 0 | 0 | 0 | 59 | 9.8 | 4 | 19 | 43.9 | 37.45 | 42.811 | -78.8536 |
| 9/22/2016 8:05 | 12.2 | 70.28 | 0 | 0.031 | 0 | 0 | 0 | 0 | 59 | 13 | 4 | 18.8 | 44.4 | 49.55 | 42.811 | -78.8536 |
| 9/22/2016 8:04 | 12.21 | 68.48 | 0 | 0.031 | 0 | 0 | 0 | 0 | 59 | 9.2 | 4 | 18.8 | 44.9 | 61.8 | 42.811 | -78.8536 |
| 9/22/2016 8:03 | 12.2 | 68.86 | 0 | 0.031 | 0 | 0 | 0 | 0 | 59 | 10 | 4 | 18.8 | 45.5 | 81.51 | 42.811 | -78.8536 |
| 9/22/2016 8:02 | 12.19 | 71.45 | 0 | 0.031 | 0 | 0 | 0 | 0 | 59 | 15 | 4 | 18.8 | 46.1 | 83 | 42.811 | -78.8536 |
| 9/22/2016 8:01 | 12.19 | 75.32 | 0 | 0.031 | 0 | 0 | 0 | 0 | 59 | 22.3 | 4 | 18.7 | 46.6 | 84.01 | 42.811 | -78.8536 |

| Timestamp (GMT-4) | Batt. Voltage (V) | Current (mA) | Low (ppm) | Peak (ppm) | STEL (ppm) | TWA (ppm) | VOC (ppm) | VOC (Avg15) (ppm) | Humidity (%) | Mass (µg/m³) | Particle size (µm) | Temperature (°C) | TWA (µg/m³) | Mass (Avg15) (µg/m³) | Latitude | Longitude |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 9/22/2016 8:00 | 12.2 | 68.6 | 0 | 0.031 | 0 | 0 | 0 | 0 | 60 | 22.5 | 4 | 18.8 | 47 | 83.83 | 42.811 | -78.8536 |
| 9/22/2016 7:59 | 12.2 | 68.35 | 0 | 0.031 | 0 | 0 | 0 | 0 | 60 | 26.2 | 4 | 18.7 | 47.4 | 84.54 | 42.811 | -78.8536 |
| 9/22/2016 7:58 | 12.2 | 71.83 | 0 | 0.031 | 0 | 0 | 0 | 0 | 60 | 42.1 | 4 | 18.7 | 47.7 | 85.78 | 42.811 | -78.8536 |
| 9/22/2016 7:57 | 12.2 | 69.12 | 0 | 0.031 | 0 | 0 | 0 | 0 | 60 | 50.1 | 4 | 18.7 | 47.9 | 86.42 | 42.811 | -78.8536 |
| 9/22/2016 7:56 | 12.2 | 68.86 | 0 | 0.031 | 0 | 0 | 0 | 0 | 60 | 31.5 | 4 | 18.6 | 48.1 | 87.83 | 42.811 | -78.8536 |
| 9/22/2016 7:55 | 12.19 | 70.16 | 0 | 0.031 | 0 | 0 | 0 | 0 | 60 | 20.6 | 4 | 18.5 | 48.4 | 90.12 | 42.811 | -78.8536 |
| 9/22/2016 7:54 | 12.19 | 69.38 | 0 | 0.031 | 0 | 0 | 0 | 0 | 60 | 41.5 | 4 | 18.6 | 48.7 | 93.27 | 42.811 | -78.8536 |
| 9/22/2016 7:53 | 12.18 | 71.58 | 0 | 0.031 | 0 | 0 | 0 | 0 | 60 | 95.1 | 4 | 18.6 | 48.5 | 95.28 | 42.811 | -78.8536 |
| 9/22/2016 7:52 | 12.19 | 70.8 | 0 | 0.031 | 0 | 0 | 0 | 0 | 60 | 152.9 | 4 | 18.6 | 47.4 | 93.57 | 42.811 | -78.8536 |
| 9/22/2016 7:51 | 12.19 | 72.09 | 0 | 0.031 | 0 | 0 | 0 | 0 | 60 | 191.3 | 4 | 18.4 | 44 | 86.76 | 42.811 | -78.8536 |
| 9/22/2016 7:50 | 12.13 | 85.27 | 0 | 0.031 | 0 | 0 | 0 | 0 | 59 | 196.7 | 4 | 18.4 | 41.1 | 76.29 | 42.811 | -78.8536 |
| 9/22/2016 7:49 | 12.2 | 68.86 | 0 | 0.031 | 0 | 0 | 0 | 0 | 60 | 304.8 | 4 | 18.5 | 36.7 | 65.46 | 42.811 | -78.8536 |
| 9/22/2016 7:48 | 12.19 | 69.38 | 0 | 0.031 | 0 | 0 | 0 | 0 | 60 | 32.4 | 4 | 18.5 | 34.2 | 47.29 | 42.811 | -78.8536 |
| 9/22/2016 7:47 | 12.19 | 70.8 | 0 | 0.031 | 0 | 0 | 0 | 0 | 60 | 30.2 | 4 | 18.4 | 34.3 | 47.51 | 42.811 | -78.8536 |
| 9/22/2016 7:46 | 12.2 | 69.51 | 0 | 0.031 | 0 | 0 | 0 | 0 | 59 | 19.6 | 4 | 18.3 | 34.5 | 47.64 | 42.811 | -78.8536 |
| 9/22/2016 7:45 | 12.2 | 70.16 | 0 | 0.031 | 0 | 0 | 0 | 0 | 59 | 33.1 | 4 | 18.3 | 34.8 | 48.27 | 42.811 | -78.8536 |
| 9/22/2016 7:44 | 12.19 | 72.74 | 0 | 0.031 | 0 | 0 | 0 | 0 | 59 | 44.8 | 4 | 18.3 | 34.7 | 49.03 | 42.811 | -78.8536 |
| 9/22/2016 7:43 | 12.18 | 75.58 | 0 | 0.031 | 0 | 0 | 0 | 0 | 60 | 51.7 | 4 | 18.2 | 34.4 | 49.22 | 42.811 | -78.8536 |
| 9/22/2016 7:42 | 12.2 | 69.38 | 0 | 0.031 | 0 | 0 | 0 | 0 | 59 | 71.3 | 4 | 18.2 | 33.7 | 49.49 | 42.811 | -78.8536 |
| 9/22/2016 7:41 | 12.2 | 72.74 | 0 | 0.031 | 0 | 0 | 0 | 0 | 60 | 65.8 | 4 | 18.2 | 32.9 | 49.83 | 42.811 | -78.8536 |
| 9/22/2016 7:40 | 12.21 | 68.86 | 0 | 0.031 | 0 | 0 | 0 | 0 | 60 | 67.8 | 4 | 18.3 | 31.6 | 47.83 | 42.811 | -78.8536 |
| 9/22/2016 7:39 | 12.22 | 68.86 | 0 | 0.031 | 0 | 0 | 0 | 0 | 59 | 71.7 | 4 | 18.2 | 30.2 | 45.12 | 42.811 | -78.8536 |
| 9/22/2016 7:38 | 12.22 | 70.16 | 0 | 0.031 | 0 | 0 | 0 | 0 | 58 | 69.4 | 4 | 18.2 | 29.1 | 41.56 | 42.811 | -78.8536 |
| 9/22/2016 7:37 | 12.21 | 68.99 | 0 | 0.031 | 0 | 0 | 0 | 0 | 59 | 50.8 | 4 | 18.2 | 28.2 | 37.89 | 42.811 | -78.8536 |
| 9/22/2016 7:36 | 12.21 | 67.96 | 0 | 0.031 | 0 | 0 | 0 | 0 | 59 | 34.2 | 4 | 18.2 | 27.8 | 35.55 | 42.811 | -78.8536 |
| 9/22/2016 7:35 | 12.17 | 75.97 | 0 | 0.031 | 0 | 0 | 0 | 0 | 59 | 34.3 | 4 | 18.1 | 27.6 | 34.2 | 42.811 | -78.8536 |
| 9/22/2016 7:34 | 12.16 | 75.06 | 0 | 0.031 | 0 | 0 | 0 | 0 | 57 | 32.2 | 4 | 18.1 | 27.4 | 33.11 | 42.811 | -78.8536 |
| 9/22/2016 7:33 | 12.2 | 71.19 | 0 | 0.031 | 0 | 0 | 0 | 0 | 58 | 35.7 | 4 | 18.1 | 27.2 | 32.5 | 42.811 | -78.8536 |
| 9/22/2016 7:32 | 12.19 | 72.48 | 0 | 0.031 | 0 | 0 | 0 | 0 | 58 | 32.2 | 4 | 18.2 | 27 | 31.66 | 42.811 | -78.8536 |
| 9/22/2016 7:31 | 12.2 | 70.03 | 0 | 0.031 | 0 | 0 | 0 | 0 | 58 | 29.1 | 4 | 18 | 26.8 | 31.07 | 42.811 | -78.8536 |
| 9/22/2016 7:30 | 12.17 | 75.06 | 0 | 0.031 | 0 | 0 | 0 | 0 | 58 | 44.5 | 4 | 18.1 | 26.6 | 32.29 | 42.811 | -78.8536 |
| 9/22/2016 7:29 | 12.21 | 68.73 | 0 | 0.031 | 0 | 0 | 0 | 0 | 57 | 47.6 | 4 | 18 | 25.9 | 32.42 | 42.811 | -78.8536 |
| 9/22/2016 7:28 | 12.18 | 75.71 | 0 | 0.031 | 0 | 0 | 0 | 0 | 57 | 55.8 | 4 | 18.1 | 24.8 | 33.87 | 42.811 | -78.8536 |
| 9/22/2016 7:27 | 12.19 | 72.48 | 0 | 0.031 | 0 | 0 | 0 | 0 | 57 | 76.4 | 4 | 18 | 23.5 | 31.95 | 42.811 | -78.8536 |
| 9/22/2016 7:26 | 12.2 | 71.71 | 0 | 0.031 | 0 | 0 | 0 | 0 | 57 | 35.7 | 4 | 18 | 21.2 | 27.69 | 42.811 | -78.8536 |
| 9/22/2016 7:25 | 12.2 | 70.41 | 0 | 0.031 | 0 | 0 | 0 | 0 | 57 | 27.2 | 4 | 18 | 20.5 | 26.09 | 42.811 | -78.8536 |
| 9/22/2016 7:24 | 12.2 | 70.03 | 0 | 0.031 | 0 | 0 | 0 | 0 | 57 | 18.3 | 4 | 18 | 20.3 | 24.83 | 42.811 | -78.8536 |
| 9/22/2016 7:23 | 12.19 | 70.03 | 0 | 0.031 | 0 | 0 | 0 | 0 | 57 | 14.3 | 4 | 18 | 20.4 | 24.18 | 42.811 | -78.8536 |
| 9/22/2016 7:22 | 12.2 | 69.64 | 0 | 0.031 | 0 | 0 | 0 | 0 | 56 | 15.7 | 4 | 18 | 20.7 | 23.71 | 42.811 | -78.8536 |
| 9/22/2016 7:21 | 12.19 | 70.93 | 0 | 0.031 | 0.001 | 0 | 0 | 0.0005 | 56 | 14 | 4 | 17.9 | 21 | 23.19 | 42.811 | -78.8536 |
| 9/22/2016 7:20 | 12.13 | 85.01 | 0 | 0.031 | 0.002 | 0 | 0 | 0.0015 | 56 | 17.9 | 4 | 17.9 | 21.2 | 22.69 | 42.811 | -78.8536 |
| 9/22/2016 7:19 | 12.13 | 85.53 | 0 | 0.031 | 0.004 | 0 | 0 | 0.0033 | 55 | 23.1 | 4 | 17.8 | 21.3 | 22.09 | 42.811 | -78.8536 |
| 9/22/2016 7:18 | 12.2 | 68.48 | 0 | 0.031 | 0.004 | 0 | 0 | 0.0053 | 55 | 23.1 | 4 | 17.8 | 21.2 | 21.88 | 42.811 | -78.8536 |
| 9/22/2016 7:17 | 12.2 | 69.64 | 0 | 0.031 | 0 | 0 | 0 | 0.0054 | 54 | 23.4 | 4 | 17.8 | 21.1 | 21.65 | 42.811 | -78.8536 |
| 9/22/2016 7:16 | 12.19 | 73.26 | 0 | 0.031 | 0 | 0 | 0 | 0.0058 | 54 | 47.4 | 4 | 17.8 | 20.9 | 21.53 | 42.811 | -78.8536 |
| 9/22/2016 7:15 | 12.19 | 72.35 | 0 | 0.031 | 0 | 0 | 0 | 0.0062 | 54 | 46.4 | 4 | 17.7 | 18.9 | 19.54 | 42.811 | -78.8536 |

| Timestamp (GMT-4) | Batt. Voltage (V) | Current (mA) | Low (ppm) | Peak (ppm) | STEL (ppm) | TWA (ppm) | VOC (ppm) | VOC (Avg15) (ppm) | Humidity (%) | Mass (µg/m³) | Particle size (µm) | Temperature (°C) | TWA (µg/m³) | Mass (Avg15) (µg/m³) | Latitude | Longitude |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 9/22/2016 7:14 | 12.2 | 68.73 | 0 | 0.031 | 0 | 0 | 0 | 0.0068 | 53 | 69.3 | 4 | 17.7 | 16.8 | 17.3 | 42.811 | -78.8536 |
| 9/22/2016 7:13 | 12.2 | 71.71 | 0 | 0.031 | 0 | 0 | 0 | 0.0074 | 52 | 27.1 | 4 | 17.7 | 14.1 | 12.57 | 42.811 | -78.8536 |
| 9/22/2016 7:12 | 12.2 | 70.67 | 0 | 0.031 | 0 | 0 | 0 | 0.0081 | 51 | 12.4 | 2.773 | 17.7 | 13.7 | 11.12 | 42.811 | -78.8536 |
| 9/22/2016 7:11 | 12.2 | 69.38 | 0 | 0.031 | 0 | 0 | 0 | 0.009 | 50 | 11.8 | 2.051 | 17.7 | 13.4 | 10.98 | 42.811 | -78.8536 |
| 9/22/2016 7:10 | 12.2 | 68.22 | 0 | 0.031 | 0 | 0 | 0 | 0.0101 | 49 | 8.3 | 2.071 | 17.6 | 13.2 | 10.88 | 42.811 | -78.8536 |
| 9/22/2016 7:09 | 12.2 | 68.86 | 0 | 0.031 | 0 | 0 | 0 | 0.0116 | 47 | 8.5 | 1.254 | 17.5 | 13.7 | 11.24 | 42.811 | -78.8536 |
| 9/22/2016 7:08 | 12.17 | 75.58 | 0 | 0.031 | 0 | 0 | 0 | 0.0135 | 46 | 7.3 | 1.05 | 17.6 | 15.3 | 11.7 | 42.811 | -78.8536 |
| 9/22/2016 7:07 | 12.16 | 75.19 | 0.009 | 0.031 | 0 | 0 | 0.008 | 0.0162 | 45 | 7.8 | 0.86 | 17.6 | 16.8 | 12.58 | 42.811 | -78.8536 |
| 9/22/2016 7:06 | 12.13 | 84.11 | 0.015 | 0.031 | 0 | 0 | 0.014 | 0.0183 | 41 | 6.5 | 0.575 | 17.5 | 19.9 | 13.78 | 42.811 | -78.8536 |
| 9/22/2016 7:05 | 12.17 | 73.64 | 0.028 | 0.031 | 0 | 0 | 0.028 | 0.0197 | 39 | 9 | 1.588 | 17.5 | 24.6 | 16.2 | 42.811 | -78.8536 |
| 9/22/2016 7:04 | 12.11 | 72.61 | 0.029 | 0.03 | 0 | 0 | 0.029 | 0.0155 | 34 | 19.9 | 4 | 17.5 | 45.8 | 19.8 | 42.811 | -78.8536 |
| 9/22/2016 7:03 | 12.1 | 70.16 | 0 | 0 | 0 | 0 | 0.002 | 0.002 | 28 | 19.7 | 0.566 | 17.5 | 19.7 | 19.7 | 42.811 | -78.8536 |

| Timestamp (GMT-4) | Batt. Voltage (V) | Current (mA) | Low (ppm) | Peak (ppm) | STEL (ppm) | TWA (ppm) | VOC (ppm) | VOC (Avg15) (ppm) | Humidity (%) | Mass (µg/m³) | Particle size (µm) | Temperature (°C) | TWA (µg/m³) | Mass (Avg15) (µg/m³) | Latitude | Longitude |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 9/23/2016 14:51 | 12.64 | 72.22 | 0 | 0 | 0 | 0 | 0 | 0 | 46 | 0 | 0.337 | 26.3 | 0.9 | 0 | 42.8113 | -78.8528 |
| 9/23/2016 14:50 | 12.64 | 78.81 | 0 | 0 | 0 | 0 | 0 | 0 | 46 | 0 | 0.337 | 26.3 | 0.9 | 0 | 42.8113 | -78.8528 |
| 9/23/2016 14:49 | 12.65 | 67.31 | 0 | 0 | 0 | 0 | 0 | 0 | 46 | 0 | 0.337 | 26.2 | 0.9 | 0 | 42.8113 | -78.8528 |
| 9/23/2016 14:48 | 12.66 | 68.99 | 0 | 0 | 0 | 0 | 0 | 0 | 47 | 0 | 0.337 | 26.3 | 0.9 | 0 | 42.8113 | -78.8528 |
| 9/23/2016 14:47 | 12.64 | 74.81 | 0 | 0 | 0 | 0 | 0 | 0 | 46 | 0 | 0.337 | 26.3 | 0.9 | 0.01 | 42.8113 | -78.8528 |
| 9/23/2016 14:46 | 12.64 | 72.35 | 0 | 0 | 0 | 0 | 0 | 0 | 46 | 0 | 0.337 | 26.4 | 0.9 | 0.01 | 42.8113 | -78.8528 |
| 9/23/2016 14:45 | 12.66 | 66.15 | 0 | 0 | 0 | 0 | 0 | 0 | 46 | 0 | 0.337 | 26.4 | 0.9 | 0.08 | 42.8113 | -78.8528 |
| 9/23/2016 14:44 | 12.64 | 84.24 | 0 | 0 | 0 | 0 | 0 | 0 | 46 | 0 | 0.337 | 26.4 | 0.9 | 0.08 | 42.8113 | -78.8528 |
| 9/23/2016 14:43 | 12.64 | 75.19 | 0 | 0 | 0 | 0 | 0 | 0 | 46 | 0 | 0.337 | 26.5 | 0.9 | 0.08 | 42.8113 | -78.8528 |
| 9/23/2016 14:42 | 12.66 | 64.99 | 0 | 0 | 0 | 0 | 0 | 0 | 46 | 0 | 0.337 | 26.5 | 0.9 | 0.08 | 42.8113 | -78.8528 |
| 9/23/2016 14:41 | 12.65 | 75.58 | 0 | 0 | 0 | 0 | 0 | 0 | 46 | 0 | 0.337 | 26.5 | 0.9 | 0.08 | 42.8113 | -78.8528 |
| 9/23/2016 14:40 | 12.65 | 66.67 | 0 | 0 | 0 | 0 | 0 | 0 | 47 | 0 | 0.337 | 26.5 | 0.9 | 0.08 | 42.8113 | -78.8528 |
| 9/23/2016 14:39 | 12.66 | 67.05 | 0 | 0 | 0 | 0 | 0 | 0 | 47 | 0 | 0.337 | 26.5 | 0.9 | 0.1 | 42.8113 | -78.8528 |
| 9/23/2016 14:38 | 12.65 | 72.61 | 0 | 0 | 0 | 0 | 0 | 0 | 46 | 0 | 0.337 | 26.6 | 0.9 | 0.11 | 42.8113 | -78.8528 |
| 9/23/2016 14:37 | 12.65 | 73.13 | 0 | 0 | 0 | 0 | 0 | 0 | 46 | 0 | 0.337 | 26.5 | 0.9 | 0.11 | 42.8113 | -78.8528 |
| 9/23/2016 14:36 | 12.66 | 65.63 | 0 | 0 | 0 | 0 | 0 | 0 | 46 | 0 | 0.337 | 26.6 | 0.9 | 0.11 | 42.8113 | -78.8528 |
| 9/23/2016 14:35 | 12.66 | 67.05 | 0 | 0 | 0 | 0 | 0 | 0 | 46 | 0 | 0.337 | 26.6 | 0.9 | 0.11 | 42.8113 | -78.8528 |
| 9/23/2016 14:34 | 12.66 | 71.19 | 0 | 0 | 0 | 0 | 0 | 0 | 47 | 0 | 0.337 | 26.7 | 1 | 0.11 | 42.8113 | -78.8528 |
| 9/23/2016 14:33 | 12.66 | 72.22 | 0 | 0 | 0 | 0 | 0 | 0 | 46 | 0.1 | 0.422 | 26.6 | 1 | 0.11 | 42.8113 | -78.8528 |
| 9/23/2016 14:32 | 12.66 | 65.25 | 0 | 0 | 0 | 0 | 0 | 0 | 46 | 0 | 0.337 | 26.7 | 1 | 0.11 | 42.8113 | -78.8528 |
| 9/23/2016 14:31 | 12.66 | 67.18 | 0 | 0 | 0 | 0 | 0 | 0 | 46 | 1.1 | 0.337 | 26.7 | 1 | 0.11 | 42.8113 | -78.8529 |
| 9/23/2016 14:30 | 12.64 | 85.14 | 0 | 0 | 0 | 0 | 0 | 0 | 46 | 0 | 0.337 | 26.7 | 1 | 0.03 | 42.8113 | -78.8529 |
| 9/23/2016 14:29 | 12.66 | 69.51 | 0 | 0 | 0 | 0 | 0 | 0 | 46 | 0 | 0.337 | 26.8 | 1 | 0.03 | 42.8113 | -78.8528 |
| 9/23/2016 14:28 | 12.66 | 69.9 | 0 | 0 | 0 | 0 | 0 | 0 | 45 | 0 | 0.337 | 26.7 | 1 | 0.03 | 42.8113 | -78.8528 |
| 9/23/2016 14:27 | 12.66 | 68.22 | 0 | 0 | 0 | 0 | 0 | 0 | 46 | 0 | 0.337 | 26.7 | 1 | 0.03 | 42.8113 | -78.8528 |
| 9/23/2016 14:26 | 12.64 | 79.72 | 0 | 0 | 0 | 0 | 0 | 0 | 46 | 0 | 0.337 | 26.8 | 1 | 0.06 | 42.8113 | -78.8528 |
| 9/23/2016 14:25 | 12.66 | 76.1 | 0 | 0 | 0 | 0 | 0 | 0 | 47 | 0.3 | 0.337 | 26.8 | 1 | 0.06 | 42.8113 | -78.8528 |
| 9/23/2016 14:24 | 12.64 | 76.49 | 0 | 0 | 0 | 0 | 0 | 0 | 47 | 0.2 | 0.337 | 26.8 | 1 | 0.04 | 42.8113 | -78.8528 |
| 9/23/2016 14:23 | 12.66 | 69.51 | 0 | 0 | 0 | 0 | 0 | 0 | 47 | 0 | 0.364 | 26.8 | 1 | 0.03 | 42.8113 | -78.8528 |
| 9/23/2016 14:22 | 12.66 | 70.41 | 0 | 0 | 0 | 0 | 0 | 0 | 46 | 0 | 0.337 | 26.9 | 1 | 0.03 | 42.8113 | -78.8528 |
| 9/23/2016 14:21 | 12.66 | 72.09 | 0 | 0 | 0 | 0 | 0 | 0 | 45 | 0 | 0.345 | 26.8 | 1 | 0.03 | 42.8113 | -78.8528 |
| 9/23/2016 14:20 | 12.66 | 68.73 | 0 | 0 | 0 | 0 | 0 | 0 | 46 | 0 | 0.337 | 27 | 1 | 0.03 | 42.8113 | -78.8528 |
| 9/23/2016 14:19 | 12.66 | 71.83 | 0 | 0 | 0 | 0 | 0 | 0 | 47 | 0 | 0.337 | 27 | 1 | 0.03 | 42.8113 | -78.8528 |
| 9/23/2016 14:18 | 12.66 | 70.8 | 0 | 0 | 0 | 0 | 0 | 0 | 46 | 0 | 0.337 | 27 | 1 | 0.03 | 42.8113 | -78.8528 |
| 9/23/2016 14:17 | 12.66 | 77.39 | 0 | 0 | 0 | 0 | 0 | 0 | 47 | 0 | 0.337 | 27 | 1 | 0.03 | 42.8113 | -78.8528 |
| 9/23/2016 14:16 | 12.66 | 69.9 | 0 | 0 | 0 | 0 | 0 | 0 | 46 | 0 | 0.337 | 27 | 1 | 0.03 | 42.8113 | -78.8528 |
| 9/23/2016 14:15 | 12.67 | 70.67 | 0 | 0 | 0 | 0 | 0 | 0 | 46 | 0 | 0.337 | 27.1 | 1 | 0.03 | 42.8113 | -78.8528 |
| 9/23/2016 14:14 | 12.66 | 70.28 | 0 | 0 | 0 | 0 | 0 | 0 | 45 | 0 | 0.337 | 27.1 | 1 | 0.03 | 42.8113 | -78.8528 |
| 9/23/2016 14:13 | 12.67 | 69.38 | 0 | 0 | 0 | 0 | 0 | 0 | 46 | 0 | 0.337 | 27.1 | 1 | 0.03 | 42.8113 | -78.8528 |
| 9/23/2016 14:12 | 12.65 | 89.79 | 0 | 0 | 0 | 0 | 0 | 0 | 46 | 0.4 | 0.424 | 27 | 1 | 0.03 | 42.8113 | -78.8528 |
| 9/23/2016 14:11 | 12.66 | 67.18 | 0 | 0 | 0 | 0 | 0 | 0 | 46 | 0 | 0.337 | 27.2 | 1 | 0 | 42.8113 | -78.8528 |
| 9/23/2016 14:10 | 12.67 | 67.57 | 0 | 0 | 0 | 0 | 0 | 0 | 46 | 0 | 0.337 | 27.2 | 1 | 0 | 42.8112 | -78.8528 |
| 9/23/2016 14:09 | 12.67 | 65.37 | 0 | 0 | 0 | 0 | 0 | 0 | 47 | 0 | 0.337 | 27.1 | 1 | 0 | 42.8113 | -78.8528 |
| 9/23/2016 14:08 | 12.66 | 65.63 | 0 | 0 | 0 | 0 | 0 | 0 | 46 | 0 | 0.337 | 27.1 | 1 | 0 | 42.8113 | -78.8528 |
| 9/23/2016 14:07 | 12.66 | 71.45 | 0 | 0 | 0 | 0 | 0 | 0 | 46 | 0 | 0.337 | 27.2 | 1 | 0 | 42.8113 | -78.8528 |
| 9/23/2016 14:06 | 12.67 | 67.83 | 0 | 0 | 0 | 0 | 0 | 0 | 46 | 0 | 0.337 | 27.2 | 1 | 0 | 42.8113 | -78.8528 |

| Timestamp (GMT-4) | Batt. Voltage (V) | Current (mA) | Low (ppm) | Peak (ppm) | STEL (ppm) | TWA (ppm) | VOC (ppm) | VOC (Avg15) (ppm) | Humidity (%) | Mass (µg/m³) | Particle size (µm) | Temperature (°C) | TWA (µg/m³) | Mass (Avg15) (µg/m³) | Latitude | Longitude |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 9/23/2016 14:05 | 12.67 | 68.22 | 0 | 0 | 0 | 0 | 0 | 0 | 46 | 0 | 0.337 | 27.2 | 1 | 0 | 42.8113 | -78.8528 |
| 9/23/2016 14:04 | 12.66 | 73.64 | 0 | 0 | 0 | 0 | 0 | 0 | 46 | 0 | 0.337 | 27.3 | 1 | 0 | 42.8113 | -78.8528 |
| 9/23/2016 14:03 | 12.66 | 68.48 | 0 | 0 | 0 | 0 | 0 | 0 | 45 | 0 | 0.337 | 27.2 | 1 | 0 | 42.8113 | -78.8528 |
| 9/23/2016 14:02 | 12.66 | 71.58 | 0 | 0 | 0 | 0 | 0 | 0 | 46 | 0 | 0.337 | 27.3 | 1 | 0 | 42.8113 | -78.8528 |
| 9/23/2016 14:01 | 12.67 | 69.25 | 0 | 0 | 0 | 0 | 0 | 0 | 46 | 0 | 0.337 | 27.3 | 1 | 0 | 42.8113 | -78.8528 |
| 9/23/2016 14:00 | 12.67 | 67.96 | 0 | 0 | 0 | 0 | 0 | 0 | 47 | 0 | 0.337 | 27.3 | 1 | 0 | 42.8113 | -78.8528 |
| 9/23/2016 13:59 | 12.67 | 73 | 0 | 0 | 0 | 0 | 0 | 0 | 46 | 0 | 0.337 | 27.2 | 1 | 0 | 42.8113 | -78.8528 |
| 9/23/2016 13:58 | 12.68 | 66.02 | 0 | 0 | 0 | 0 | 0 | 0 | 46 | 0 | 0.337 | 27.4 | 1 | 0 | 42.8113 | -78.8528 |
| 9/23/2016 13:57 | 12.66 | 69.25 | 0 | 0 | 0 | 0 | 0 | 0 | 46 | 0 | 0.337 | 27.4 | 1 | 0 | 42.8113 | -78.8528 |
| 9/23/2016 13:56 | 12.68 | 67.05 | 0 | 0 | 0 | 0 | 0 | 0 | 45 | 0 | 0.337 | 27.5 | 1 | 0 | 42.8113 | -78.8528 |
| 9/23/2016 13:55 | 12.68 | 66.54 | 0 | 0 | 0 | 0 | 0 | 0 | 46 | 0 | 0.337 | 27.4 | 1 | 0 | 42.8113 | -78.8528 |
| 9/23/2016 13:54 | 12.67 | 66.02 | 0 | 0 | 0 | 0 | 0 | 0 | 46 | 0 | 0.337 | 27.5 | 1 | 0 | 42.8113 | -78.8528 |
| 9/23/2016 13:53 | 12.67 | 66.54 | 0 | 0 | 0 | 0 | 0 | 0 | 47 | 0 | 0.337 | 27.5 | 1 | 0 | 42.8113 | -78.8528 |
| 9/23/2016 13:52 | 12.67 | 69.51 | 0 | 0 | 0 | 0 | 0 | 0 | 46 | 0 | 0.337 | 27.4 | 1 | 0 | 42.8113 | -78.8528 |
| 9/23/2016 13:51 | 12.67 | 70.54 | 0 | 0 | 0 | 0 | 0 | 0 | 45 | 0 | 0.337 | 27.6 | 1 | 0 | 42.8113 | -78.8528 |
| 9/23/2016 13:50 | 12.67 | 68.73 | 0 | 0 | 0 | 0 | 0 | 0 | 46 | 0 | 0.337 | 27.5 | 1 | 0 | 42.8113 | -78.8528 |
| 9/23/2016 13:49 | 12.68 | 68.48 | 0 | 0 | 0 | 0 | 0 | 0 | 47 | 0 | 0.337 | 27.6 | 1.1 | 0 | 42.8113 | -78.8528 |
| 9/23/2016 13:48 | 12.68 | 71.45 | 0 | 0 | 0 | 0 | 0 | 0 | 46 | 0 | 0.337 | 27.5 | 1.1 | 0 | 42.8113 | -78.8528 |
| 9/23/2016 13:47 | 12.66 | 79.46 | 0 | 0 | 0 | 0 | 0 | 0 | 46 | 0 | 0.337 | 27.6 | 1.1 | 0 | 42.8112 | -78.8528 |
| 9/23/2016 13:46 | 12.68 | 66.41 | 0 | 0 | 0 | 0 | 0 | 0 | 46 | 0 | 0.337 | 27.6 | 1.1 | 0 | 42.8112 | -78.8528 |
| 9/23/2016 13:45 | 12.66 | 87.21 | 0 | 0 | 0 | 0 | 0 | 0 | 46 | 0 | 0.337 | 27.6 | 1.1 | 0 | 42.8112 | -78.8528 |
| 9/23/2016 13:44 | 12.68 | 72.48 | 0 | 0 | 0 | 0 | 0 | 0 | 46 | 0 | 0.337 | 27.6 | 1.1 | 0 | 42.8113 | -78.8528 |
| 9/23/2016 13:43 | 12.68 | 67.7 | 0 | 0 | 0 | 0 | 0 | 0 | 46 | 0 | 0.337 | 27.8 | 1.1 | 0 | 42.8113 | -78.8528 |
| 9/23/2016 13:42 | 12.68 | 70.28 | 0 | 0 | 0 | 0 | 0 | 0 | 46 | 0 | 0.337 | 27.7 | 1.1 | 0 | 42.8113 | -78.8528 |
| 9/23/2016 13:41 | 12.68 | 71.71 | 0 | 0 | 0 | 0 | 0 | 0 | 46 | 0 | 0.337 | 27.7 | 1.1 | 0 | 42.8113 | -78.8528 |
| 9/23/2016 13:40 | 12.68 | 66.02 | 0 | 0 | 0 | 0 | 0 | 0 | 46 | 0 | 0.337 | 27.7 | 1.1 | 0 | 42.8112 | -78.8528 |
| 9/23/2016 13:39 | 12.68 | 70.16 | 0 | 0 | 0 | 0 | 0 | 0 | 46 | 0 | 0.337 | 27.7 | 1.1 | 0 | 42.8112 | -78.8528 |
| 9/23/2016 13:38 | 12.68 | 65.76 | 0 | 0 | 0 | 0 | 0 | 0 | 46 | 0 | 0.337 | 27.8 | 1.1 | 0 | 42.8112 | -78.8528 |
| 9/23/2016 13:37 | 12.68 | 66.67 | 0 | 0 | 0 | 0 | 0 | 0 | 46 | 0 | 0.337 | 27.7 | 1.1 | 0 | 42.8112 | -78.8528 |
| 9/23/2016 13:36 | 12.68 | 71.96 | 0 | 0 | 0 | 0 | 0 | 0 | 46 | 0 | 0.337 | 27.8 | 1.1 | 0 | 42.8112 | -78.8528 |
| 9/23/2016 13:35 | 12.68 | 70.54 | 0 | 0 | 0 | 0 | 0 | 0 | 46 | 0 | 0.337 | 27.9 | 1.1 | 0 | 42.8112 | -78.8528 |
| 9/23/2016 13:34 | 12.69 | 68.86 | 0 | 0 | 0 | 0 | 0 | 0 | 46 | 0 | 0.337 | 27.9 | 1.1 | 0 | 42.8112 | -78.8528 |
| 9/23/2016 13:33 | 12.69 | 68.99 | 0 | 0 | 0 | 0 | 0 | 0 | 46 | 0 | 0.337 | 28 | 1.1 | 0 | 42.8112 | -78.8528 |
| 9/23/2016 13:32 | 12.69 | 64.73 | 0 | 0 | 0 | 0 | 0 | 0 | 46 | 0 | 0.337 | 28 | 1.1 | 0 | 42.8112 | -78.8528 |
| 9/23/2016 13:31 | 12.69 | 67.31 | 0 | 0 | 0 | 0 | 0 | 0 | 47 | 0 | 0.337 | 28 | 1.1 | 0 | 42.8113 | -78.8528 |
| 9/23/2016 13:30 | 12.68 | 66.67 | 0 | 0 | 0 | 0 | 0 | 0 | 47 | 0 | 0.337 | 28.1 | 1.1 | 0 | 42.8112 | -78.8528 |
| 9/23/2016 13:29 | 12.68 | 68.22 | 0 | 0 | 0 | 0 | 0 | 0 | 47 | 0 | 0.337 | 28.1 | 1.1 | 0 | 42.8112 | -78.8528 |
| 9/23/2016 13:28 | 12.68 | 70.16 | 0 | 0 | 0 | 0 | 0 | 0 | 46 | 0 | 0.337 | 28 | 1.1 | 0 | 42.8112 | -78.8528 |
| 9/23/2016 13:27 | 12.68 | 66.15 | 0 | 0 | 0 | 0 | 0 | 0 | 46 | 0 | 0.337 | 28.1 | 1.1 | 0 | 42.8112 | -78.8528 |
| 9/23/2016 13:26 | 12.68 | 69.38 | 0 | 0 | 0 | 0 | 0 | 0 | 46 | 0 | 0.337 | 28.2 | 1.1 | 0 | 42.8112 | -78.8528 |
| 9/23/2016 13:25 | 12.69 | 73.51 | 0 | 0 | 0 | 0 | 0 | 0 | 46 | 0 | 0.337 | 28.2 | 1.1 | 0 | 42.8113 | -78.8528 |
| 9/23/2016 13:24 | 12.68 | 69.12 | 0 | 0 | 0 | 0 | 0 | 0 | 45 | 0 | 0.337 | 28.3 | 1.1 | 0 | 42.8112 | -78.8528 |
| 9/23/2016 13:23 | 12.69 | 66.15 | 0 | 0 | 0 | 0 | 0 | 0 | 46 | 0 | 0.337 | 28.1 | 1.1 | 0 | 42.8112 | -78.8528 |
| 9/23/2016 13:22 | 12.69 | 66.54 | 0 | 0 | 0 | 0 | 0 | 0 | 46 | 0 | 0.337 | 28.3 | 1.1 | 0 | 42.8112 | -78.8528 |
| 9/23/2016 13:21 | 12.68 | 72.61 | 0 | 0 | 0 | 0 | 0 | 0 | 46 | 0 | 0.337 | 28.3 | 1.1 | 0 | 42.8112 | -78.8528 |
| 9/23/2016 13:20 | 12.68 | 71.32 | 0 | 0 | 0 | 0 | 0 | 0 | 46 | 0 | 0.337 | 28.5 | 1.1 | 0 | 42.8112 | -78.8528 |

| Timestamp (GMT-4) | Batt. Voltage (V) | Current (mA) | Low (ppm) | Peak (ppm) | STEL (ppm) | TWA (ppm) | VOC (ppm) | VOC (Avg15) (ppm) | Humidity (%) | Mass (µg/m³) | Particle size (µm) | Temperature (°C) | TWA (µg/m³) | Mass (Avg15) (µg/m³) | Latitude | Longitude |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 9/23/2016 13:19 | 12.68 | 67.44 | 0 | 0 | 0 | 0 | 0 | 0 | 46 | 0 | 0.337 | 28.4 | 1.1 | 0 | 42.8112 | -78.8528 |
| 9/23/2016 13:18 | 12.69 | 67.7 | 0 | 0 | 0 | 0 | 0 | 0 | 46 | 0 | 0.337 | 28.5 | 1.1 | 0 | 42.8112 | -78.8528 |
| 9/23/2016 13:17 | 12.69 | 67.96 | 0 | 0 | 0 | 0 | 0 | 0 | 46 | 0 | 0.337 | 28.6 | 1.1 | 0 | 42.8112 | -78.8528 |
| 9/23/2016 13:16 | 12.69 | 66.54 | 0 | 0 | 0 | 0 | 0 | 0 | 46 | 0 | 0.337 | 28.4 | 1.1 | 0 | 42.8112 | -78.8528 |
| 9/23/2016 13:15 | 12.69 | 67.05 | 0 | 0 | 0 | 0 | 0 | 0 | 45 | 0 | 0.337 | 28.6 | 1.1 | 0 | 42.8112 | -78.8528 |
| 9/23/2016 13:14 | 12.69 | 69.25 | 0 | 0 | 0 | 0 | 0 | 0 | 45 | 0 | 0.337 | 28.6 | 1.1 | 0 | 42.8113 | -78.8528 |
| 9/23/2016 13:13 | 12.69 | 70.67 | 0 | 0 | 0 | 0 | 0 | 0 | 46 | 0 | 0.337 | 28.6 | 1.1 | 0 | 42.8112 | -78.8528 |
| 9/23/2016 13:12 | 12.69 | 65.76 | 0 | 0 | 0 | 0 | 0 | 0 | 45 | 0 | 0.337 | 28.6 | 1.2 | 0 | 42.8113 | -78.8528 |
| 9/23/2016 13:11 | 12.7 | 67.57 | 0 | 0 | 0 | 0 | 0 | 0 | 46 | 0 | 0.337 | 28.6 | 1.2 | 0.01 | 42.8113 | -78.8528 |
| 9/23/2016 13:10 | 12.7 | 66.41 | 0 | 0 | 0 | 0 | 0 | 0 | 46 | 0 | 0.337 | 28.7 | 1.2 | 0.01 | 42.8112 | -78.8528 |
| 9/23/2016 13:09 | 12.69 | 70.54 | 0 | 0 | 0 | 0 | 0 | 0 | 46 | 0 | 0.337 | 28.7 | 1.2 | 0.01 | 42.8112 | -78.8528 |
| 9/23/2016 13:08 | 12.7 | 65.5 | 0 | 0 | 0 | 0 | 0 | 0 | 46 | 0 | 0.337 | 28.9 | 1.2 | 0.01 | 42.8112 | -78.8528 |
| 9/23/2016 13:07 | 12.68 | 74.16 | 0 | 0 | 0 | 0 | 0 | 0 | 46 | 0 | 0.337 | 28.8 | 1.2 | 0.01 | 42.8112 | -78.8528 |
| 9/23/2016 13:06 | 12.69 | 74.55 | 0 | 0 | 0 | 0 | 0 | 0 | 46 | 0 | 0.337 | 28.9 | 1.2 | 0.01 | 42.8112 | -78.8528 |
| 9/23/2016 13:05 | 12.68 | 70.41 | 0 | 0 | 0 | 0 | 0 | 0 | 45 | 0 | 0.337 | 28.9 | 1.2 | 0.01 | 42.8112 | -78.8528 |
| 9/23/2016 13:04 | 12.69 | 69.9 | 0 | 0 | 0 | 0 | 0 | 0 | 46 | 0 | 0.337 | 28.9 | 1.2 | 0.01 | 42.8112 | -78.8528 |
| 9/23/2016 13:03 | 12.69 | 69.12 | 0 | 0 | 0 | 0 | 0 | 0 | 46 | 0 | 0.337 | 29.1 | 1.2 | 0.01 | 42.8112 | -78.8528 |
| 9/23/2016 13:02 | 12.7 | 66.02 | 0 | 0 | 0 | 0 | 0 | 0 | 46 | 0 | 0.337 | 29 | 1.2 | 0.01 | 42.8112 | -78.8528 |
| 9/23/2016 13:01 | 12.7 | 68.99 | 0 | 0 | 0 | 0 | 0 | 0 | 46 | 0 | 0.337 | 29.1 | 1.2 | 0.07 | 42.8112 | -78.8528 |
| 9/23/2016 13:00 | 12.7 | 67.18 | 0 | 0 | 0 | 0 | 0 | 0 | 45 | 0 | 0.337 | 29.2 | 1.2 | 0.07 | 42.8113 | -78.8528 |
| 9/23/2016 12:59 | 12.69 | 70.93 | 0 | 0 | 0 | 0 | 0 | 0 | 47 | 0 | 0.337 | 29.1 | 1.2 | 0.07 | 42.8112 | -78.8528 |
| 9/23/2016 12:58 | 12.69 | 68.09 | 0 | 0 | 0 | 0 | 0 | 0 | 45 | 0 | 0.337 | 29.3 | 1.2 | 0.14 | 42.8112 | -78.8528 |
| 9/23/2016 12:57 | 12.69 | 72.09 | 0 | 0 | 0 | 0 | 0 | 0 | 46 | 0.2 | 0.337 | 29.3 | 1.2 | 0.14 | 42.8112 | -78.8528 |
| 9/23/2016 12:56 | 12.69 | 71.06 | 0 | 0 | 0 | 0 | 0 | 0 | 47 | 0 | 0.337 | 29.3 | 1.2 | 0.13 | 42.8112 | -78.8528 |
| 9/23/2016 12:55 | 12.7 | 64.6 | 0 | 0 | 0 | 0 | 0 | 0 | 47 | 0 | 0.337 | 29.3 | 1.2 | 0.13 | 42.8112 | -78.8528 |
| 9/23/2016 12:54 | 12.7 | 67.44 | 0 | 0 | 0 | 0 | 0 | 0 | 46 | 0 | 0.337 | 29.5 | 1.2 | 0.13 | 42.8112 | -78.8528 |
| 9/23/2016 12:53 | 12.7 | 68.22 | 0 | 0 | 0 | 0 | 0 | 0 | 46 | 0 | 0.337 | 29.4 | 1.2 | 0.13 | 42.8112 | -78.8528 |
| 9/23/2016 12:52 | 12.7 | 72.09 | 0 | 0 | 0 | 0 | 0 | 0 | 46 | 0 | 0.337 | 29.6 | 1.2 | 0.13 | 42.8112 | -78.8528 |
| 9/23/2016 12:51 | 12.7 | 67.83 | 0 | 0 | 0 | 0 | 0 | 0 | 46 | 0 | 0.337 | 29.5 | 1.2 | 0.13 | 42.8113 | -78.8528 |
| 9/23/2016 12:50 | 12.69 | 78.17 | 0 | 0 | 0 | 0 | 0 | 0 | 47 | 0 | 0.337 | 29.6 | 1.2 | 0.13 | 42.8113 | -78.8528 |
| 9/23/2016 12:49 | 12.7 | 71.19 | 0 | 0 | 0 | 0 | 0 | 0 | 46 | 0 | 0.337 | 29.5 | 1.2 | 0.13 | 42.8113 | -78.8528 |
| 9/23/2016 12:48 | 12.69 | 71.71 | 0 | 0 | 0 | 0 | 0 | 0 | 47 | 0 | 0.337 | 29.7 | 1.2 | 0.13 | 42.8112 | -78.8528 |
| 9/23/2016 12:47 | 12.7 | 67.83 | 0 | 0 | 0 | 0 | 0 | 0 | 47 | 0.8 | 0.337 | 29.7 | 1.2 | 0.13 | 42.8113 | -78.8528 |
| 9/23/2016 12:46 | 12.71 | 67.57 | 0 | 0 | 0 | 0 | 0 | 0 | 46 | 0 | 0.337 | 29.7 | 1.2 | 0.07 | 42.8112 | -78.8528 |
| 9/23/2016 12:45 | 12.7 | 70.16 | 0 | 0 | 0 | 0 | 0 | 0 | 45 | 0 | 0.337 | 29.8 | 1.2 | 0.07 | 42.8112 | -78.8528 |
| 9/23/2016 12:44 | 12.69 | 67.31 | 0 | 0 | 0 | 0 | 0 | 0 | 46 | 1.1 | 0.71 | 29.9 | 1.2 | 0.07 | 42.8113 | -78.8528 |
| 9/23/2016 12:43 | 12.7 | 67.31 | 0 | 0 | 0 | 0 | 0 | 0 | 46 | 0 | 0.337 | 29.9 | 1.2 | 0 | 42.8113 | -78.8528 |
| 9/23/2016 12:42 | 12.7 | 65.76 | 0 | 0 | 0 | 0 | 0 | 0 | 46 | 0 | 0.337 | 29.8 | 1.2 | 0 | 42.8113 | -78.8528 |
| 9/23/2016 12:41 | 12.7 | 68.22 | 0 | 0 | 0 | 0 | 0 | 0 | 46 | 0 | 0.337 | 30 | 1.2 | 0 | 42.8113 | -78.8528 |
| 9/23/2016 12:40 | 12.69 | 82.95 | 0 | 0 | 0 | 0 | 0 | 0 | 47 | 0 | 0.337 | 29.9 | 1.3 | 0 | 42.8113 | -78.8528 |
| 9/23/2016 12:39 | 12.71 | 67.57 | 0 | 0 | 0 | 0 | 0 | 0 | 46 | 0 | 0.337 | 30.1 | 1.3 | 0 | 42.8113 | -78.8528 |
| 9/23/2016 12:38 | 12.7 | 66.8 | 0 | 0 | 0 | 0 | 0 | 0 | 47 | 0 | 0.337 | 30 | 1.3 | 0 | 42.8112 | -78.8528 |
| 9/23/2016 12:37 | 12.7 | 67.18 | 0 | 0 | 0 | 0 | 0 | 0 | 46 | 0 | 0.337 | 30.1 | 1.3 | 0 | 42.8112 | -78.8528 |
| 9/23/2016 12:36 | 12.7 | 69.25 | 0 | 0 | 0 | 0 | 0 | 0 | 47 | 0 | 0.337 | 30.1 | 1.3 | 0 | 42.8113 | -78.8528 |
| 9/23/2016 12:35 | 12.7 | 69.51 | 0 | 0 | 0 | 0 | 0 | 0 | 46 | 0 | 0.337 | 30.3 | 1.3 | 0.01 | 42.8113 | -78.8528 |
| 9/23/2016 12:34 | 12.7 | 73.77 | 0 | 0 | 0 | 0 | 0 | 0 | 46 | 0 | 0.337 | 30.2 | 1.3 | 0.01 | 42.8112 | -78.8528 |

| Timestamp (GMT-4) | Batt. Voltage (V) | Current (mA) | Low (ppm) | Peak (ppm) | STEL (ppm) | TWA (ppm) | VOC (ppm) | VOC (Avg15) (ppm) | Humidity (%) | Mass (µg/m³) | Particle size (µm) | Temperature (°C) | TWA (µg/m³) | Mass (Avg15) (µg/m³) | Latitude | Longitude |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 9/23/2016 12:33 | 12.7 | 73.77 | 0 | 0 | 0 | 0 | 0 | 0 | 46 | 0 | 0.337 | 30.3 | 1.3 | 0.01 | 42.8113 | -78.8528 |
| 9/23/2016 12:32 | 12.71 | 69.25 | 0 | 0 | 0 | 0 | 0 | 0 | 46 | 0 | 0.337 | 30.4 | 1.3 | 0.01 | 42.8113 | -78.8528 |
| 9/23/2016 12:31 | 12.7 | 71.58 | 0 | 0 | 0 | 0 | 0 | 0 | 47 | 0 | 0.337 | 30.4 | 1.3 | 0.01 | 42.8113 | -78.8528 |
| 9/23/2016 12:30 | 12.7 | 71.19 | 0 | 0 | 0 | 0 | 0 | 0 | 46 | 0 | 0.337 | 30.5 | 1.3 | 0.01 | 42.8113 | -78.8528 |
| 9/23/2016 12:29 | 12.71 | 69.64 | 0 | 0 | 0 | 0 | 0 | 0 | 46 | 0 | 0.337 | 30.5 | 1.3 | 0.01 | 42.8112 | -78.8528 |
| 9/23/2016 12:28 | 12.69 | 84.37 | 0 | 0 | 0 | 0 | 0 | 0 | 46 | 0 | 0.337 | 30.5 | 1.3 | 0.01 | 42.8112 | -78.8528 |
| 9/23/2016 12:27 | 12.72 | 65.89 | 0 | 0 | 0 | 0 | 0 | 0 | 47 | 0 | 0.337 | 30.6 | 1.3 | 0.01 | 42.8113 | -78.8528 |
| 9/23/2016 12:26 | 12.71 | 67.7 | 0 | 0 | 0 | 0 | 0 | 0 | 46 | 0 | 0.337 | 30.7 | 1.3 | 0.01 | 42.8113 | -78.8528 |
| 9/23/2016 12:25 | 12.71 | 72.74 | 0 | 0 | 0 | 0 | 0 | 0 | 46 | 0 | 0.337 | 30.7 | 1.3 | 0.01 | 42.8113 | -78.8528 |
| 9/23/2016 12:24 | 12.71 | 67.31 | 0 | 0 | 0 | 0 | 0 | 0 | 46 | 0 | 0.337 | 30.8 | 1.3 | 0.01 | 42.8113 | -78.8528 |
| 9/23/2016 12:23 | 12.71 | 67.31 | 0 | 0 | 0 | 0 | 0 | 0 | 46 | 0 | 0.337 | 30.7 | 1.3 | 0.01 | 42.8113 | -78.8528 |
| 9/23/2016 12:22 | 12.7 | 72.35 | 0 | 0 | 0 | 0 | 0 | 0 | 47 | 0 | 0.337 | 30.8 | 1.3 | 0.01 | 42.8113 | -78.8528 |
| 9/23/2016 12:21 | 12.72 | 66.8 | 0 | 0 | 0 | 0 | 0 | 0 | 46 | 0.1 | 0.337 | 30.9 | 1.3 | 0.01 | 42.8113 | -78.8528 |
| 9/23/2016 12:20 | 12.72 | 66.41 | 0 | 0 | 0 | 0 | 0 | 0 | 47 | 0.1 | 0.337 | 31 | 1.3 | 0.01 | 42.8113 | -78.8528 |
| 9/23/2016 12:19 | 12.72 | 67.7 | 0 | 0 | 0 | 0 | 0 | 0 | 47 | 0 | 0.337 | 31.1 | 1.3 | 0 | 42.8113 | -78.8528 |
| 9/23/2016 12:18 | 12.71 | 70.41 | 0 | 0 | 0 | 0 | 0 | 0 | 47 | 0 | 0.337 | 31.1 | 1.3 | 0 | 42.8113 | -78.8528 |
| 9/23/2016 12:17 | 12.7 | 69.12 | 0 | 0 | 0 | 0 | 0 | 0 | 47 | 0 | 0.337 | 31.1 | 1.3 | 0 | 42.8113 | -78.8528 |
| 9/23/2016 12:16 | 12.7 | 71.58 | 0 | 0 | 0 | 0 | 0 | 0 | 47 | 0 | 0.337 | 31.2 | 1.3 | 0 | 42.8113 | -78.8528 |
| 9/23/2016 12:15 | 12.71 | 68.73 | 0 | 0 | 0 | 0 | 0 | 0 | 47 | 0 | 0.337 | 31.4 | 1.3 | 0 | 42.8113 | -78.8528 |
| 9/23/2016 12:14 | 12.72 | 66.15 | 0 | 0 | 0 | 0 | 0 | 0 | 47 | 0 | 0.337 | 31.3 | 1.4 | 0 | 42.8113 | -78.8528 |
| 9/23/2016 12:13 | 12.71 | 67.7 | 0 | 0 | 0 | 0 | 0 | 0 | 46 | 0 | 0.337 | 31.3 | 1.4 | 0 | 42.8113 | -78.8528 |
| 9/23/2016 12:12 | 12.72 | 65.5 | 0 | 0 | 0 | 0 | 0 | 0 | 46 | 0 | 0.337 | 31.5 | 1.4 | 0 | 42.8113 | -78.8528 |
| 9/23/2016 12:11 | 12.72 | 71.19 | 0 | 0 | 0 | 0 | 0 | 0 | 47 | 0 | 0.337 | 31.5 | 1.4 | 0 | 42.8113 | -78.8528 |
| 9/23/2016 12:10 | 12.72 | 70.03 | 0 | 0 | 0 | 0 | 0 | 0 | 47 | 0 | 0.337 | 31.6 | 1.4 | 0 | 42.8113 | -78.8528 |
| 9/23/2016 12:09 | 12.72 | 67.44 | 0 | 0 | 0 | 0 | 0 | 0 | 47 | 0 | 0.337 | 31.6 | 1.4 | 0 | 42.8113 | -78.8528 |
| 9/23/2016 12:08 | 12.72 | 71.58 | 0 | 0 | 0 | 0 | 0 | 0 | 46 | 0 | 0.337 | 31.6 | 1.4 | 0 | 42.8112 | -78.8528 |
| 9/23/2016 12:07 | 12.72 | 68.35 | 0 | 0 | 0 | 0 | 0 | 0 | 46 | 0 | 0.337 | 31.7 | 1.4 | 0 | 42.8113 | -78.8528 |
| 9/23/2016 12:06 | 12.71 | 67.83 | 0 | 0 | 0 | 0 | 0 | 0 | 47 | 0 | 0.337 | 31.8 | 1.4 | 0 | 42.8113 | -78.8528 |
| 9/23/2016 12:05 | 12.71 | 72.61 | 0 | 0 | 0 | 0 | 0 | 0 | 47 | 0 | 0.337 | 31.8 | 1.4 | 0 | 42.8112 | -78.8528 |
| 9/23/2016 12:04 | 12.72 | 67.31 | 0 | 0 | 0 | 0 | 0 | 0 | 47 | 0 | 0.337 | 31.9 | 1.4 | 0 | 42.8113 | -78.8528 |
| 9/23/2016 12:03 | 12.73 | 65.89 | 0 | 0 | 0 | 0 | 0 | 0 | 47 | 0 | 0.337 | 32 | 1.4 | 0 | 42.8113 | -78.8528 |
| 9/23/2016 12:02 | 12.72 | 68.35 | 0 | 0 | 0 | 0 | 0 | 0 | 47 | 0 | 0.337 | 31.9 | 1.4 | 0 | 42.8113 | -78.8528 |
| 9/23/2016 12:01 | 12.72 | 66.8 | 0 | 0 | 0 | 0 | 0 | 0 | 47 | 0 | 0.337 | 31.9 | 1.4 | 0 | 42.8113 | -78.8528 |
| 9/23/2016 12:00 | 12.71 | 72.35 | 0 | 0 | 0 | 0 | 0 | 0 | 47 | 0 | 0.337 | 32 | 1.4 | 0 | 42.8113 | -78.8528 |
| 9/23/2016 11:59 | 12.72 | 65.89 | 0 | 0 | 0 | 0 | 0 | 0 | 47 | 0 | 0.337 | 32 | 1.4 | 0 | 42.8113 | -78.8528 |
| 9/23/2016 11:58 | 12.72 | 66.41 | 0 | 0 | 0 | 0 | 0 | 0 | 48 | 0 | 0.337 | 32.1 | 1.4 | 0 | 42.8113 | -78.8528 |
| 9/23/2016 11:57 | 12.72 | 66.93 | 0 | 0 | 0 | 0 | 0 | 0 | 47 | 0 | 0.337 | 32.1 | 1.4 | 0 | 42.8113 | -78.8528 |
| 9/23/2016 11:56 | 12.7 | 84.75 | 0 | 0 | 0 | 0 | 0 | 0 | 48 | 0 | 0.337 | 32.2 | 1.4 | 0 | 42.8113 | -78.8528 |
| 9/23/2016 11:55 | 12.7 | 77.26 | 0 | 0 | 0 | 0 | 0 | 0 | 47 | 0 | 0.337 | 32.1 | 1.4 | 0 | 42.8113 | -78.8528 |
| 9/23/2016 11:54 | 12.72 | 67.83 | 0 | 0 | 0 | 0 | 0 | 0 | 47 | 0 | 0.337 | 32.2 | 1.4 | 0 | 42.8113 | -78.8528 |
| 9/23/2016 11:53 | 12.72 | 67.7 | 0 | 0 | 0 | 0 | 0 | 0 | 48 | 0 | 0.337 | 32.3 | 1.4 | 0 | 42.8113 | -78.8528 |
| 9/23/2016 11:52 | 12.72 | 67.05 | 0 | 0 | 0 | 0 | 0 | 0 | 47 | 0 | 0.337 | 32.3 | 1.4 | 0 | 42.8113 | -78.8528 |
| 9/23/2016 11:51 | 12.73 | 66.02 | 0 | 0 | 0 | 0 | 0 | 0 | 47 | 0 | 0.337 | 32.3 | 1.5 | 0 | 42.8113 | -78.8528 |
| 9/23/2016 11:50 | 12.72 | 70.28 | 0 | 0 | 0 | 0 | 0 | 0 | 48 | 0 | 0.337 | 32.3 | 1.5 | 0 | 42.8113 | -78.8528 |
| 9/23/2016 11:49 | 12.72 | 73.39 | 0 | 0 | 0 | 0 | 0 | 0 | 47 | 0 | 0.337 | 32.2 | 1.5 | 0 | 42.8113 | -78.8528 |
| 9/23/2016 11:48 | 12.72 | 71.06 | 0 | 0 | 0 | 0 | 0 | 0 | 47 | 0 | 0.337 | 32.3 | 1.5 | 0 | 42.8113 | -78.8528 |

| Timestamp (GMT-4) | Batt. Voltage (V) | Current (mA) | Low (ppm) | Peak (ppm) | STEL (ppm) | TWA (ppm) | VOC (ppm) | VOC (Avg15) (ppm) | Humidity (%) | Mass (µg/m³) | Particle size (µm) | Temperature (°C) | TWA (µg/m³) | Mass (Avg15) (µg/m³) | Latitude | Longitude |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 9/23/2016 11:47 | 12.73 | 65.37 | 0 | 0 | 0 | 0 | 0 | 0 | 47 | 0 | 0.337 | 32.3 | 1.5 | 0 | 42.8113 | -78.8528 |
| 9/23/2016 11:46 | 12.72 | 67.7 | 0 | 0 | 0 | 0 | 0 | 0 | 48 | 0 | 0.337 | 32.5 | 1.5 | 0 | 42.8113 | -78.8528 |
| 9/23/2016 11:45 | 12.72 | 68.99 | 0 | 0 | 0 | 0 | 0 | 0 | 48 | 0 | 0.337 | 32.5 | 1.5 | 0 | 42.8113 | -78.8528 |
| 9/23/2016 11:44 | 12.73 | 66.8 | 0 | 0 | 0 | 0 | 0 | 0 | 47 | 0 | 0.337 | 32.4 | 1.5 | 0 | 42.8113 | -78.8528 |
| 9/23/2016 11:43 | 12.72 | 71.45 | 0 | 0 | 0 | 0 | 0 | 0 | 48 | 0 | 0.337 | 32.5 | 1.5 | 0 | 42.8113 | -78.8528 |
| 9/23/2016 11:42 | 12.72 | 77.78 | 0 | 0 | 0 | 0 | 0 | 0 | 48 | 0 | 0.337 | 32.5 | 1.5 | 0 | 42.8113 | -78.8528 |
| 9/23/2016 11:41 | 12.73 | 65.76 | 0 | 0 | 0 | 0 | 0 | 0 | 49 | 0 | 0.337 | 32.6 | 1.5 | 0 | 42.8113 | -78.8528 |
| 9/23/2016 11:40 | 12.72 | 68.48 | 0 | 0 | 0 | 0 | 0 | 0 | 48 | 0 | 0.337 | 32.5 | 1.5 | 0 | 42.8113 | -78.8528 |
| 9/23/2016 11:39 | 12.73 | 68.48 | 0 | 0 | 0 | 0 | 0 | 0 | 48 | 0 | 0.337 | 32.6 | 1.5 | 0 | 42.8113 | -78.8528 |
| 9/23/2016 11:38 | 12.73 | 66.67 | 0 | 0 | 0 | 0 | 0 | 0 | 48 | 0 | 0.337 | 32.4 | 1.5 | 0 | 42.8113 | -78.8528 |
| 9/23/2016 11:37 | 12.73 | 67.44 | 0 | 0 | 0 | 0 | 0 | 0 | 48 | 0 | 0.337 | 32.5 | 1.5 | 0 | 42.8113 | -78.8528 |
| 9/23/2016 11:36 | 12.72 | 75.45 | 0 | 0 | 0 | 0 | 0 | 0 | 48 | 0 | 0.337 | 32.5 | 1.5 | 0 | 42.8113 | -78.8528 |
| 9/23/2016 11:35 | 12.72 | 65.76 | 0 | 0 | 0 | 0 | 0 | 0 | 48 | 0 | 0.337 | 32.5 | 1.5 | 0 | 42.8113 | -78.8528 |
| 9/23/2016 11:34 | 12.72 | 67.83 | 0 | 0 | 0 | 0 | 0 | 0 | 48 | 0 | 0.337 | 32.4 | 1.5 | 0 | 42.8113 | -78.8528 |
| 9/23/2016 11:33 | 12.72 | 73.13 | 0 | 0 | 0 | 0 | 0 | 0 | 48 | 0 | 0.337 | 32.6 | 1.5 | 0 | 42.8113 | -78.8528 |
| 9/23/2016 11:32 | 12.73 | 66.15 | 0 | 0 | 0 | 0 | 0 | 0 | 48 | 0 | 0.337 | 32.4 | 1.6 | 0 | 42.8113 | -78.8528 |
| 9/23/2016 11:31 | 12.72 | 68.35 | 0 | 0 | 0 | 0 | 0 | 0 | 47 | 0 | 0.337 | 32.5 | 1.6 | 0 | 42.8113 | -78.8528 |
| 9/23/2016 11:30 | 12.72 | 73.39 | 0 | 0 | 0 | 0 | 0 | 0 | 48 | 0 | 0.337 | 32.3 | 1.6 | 0 | 42.8113 | -78.8528 |
| 9/23/2016 11:29 | 12.73 | 66.41 | 0 | 0 | 0 | 0 | 0 | 0 | 49 | 0 | 0.337 | 32.3 | 1.6 | 0 | 42.8113 | -78.8528 |
| 9/23/2016 11:28 | 12.72 | 70.16 | 0 | 0 | 0 | 0 | 0 | 0 | 48 | 0 | 0.337 | 32.3 | 1.6 | 0 | 42.8113 | -78.8528 |
| 9/23/2016 11:27 | 12.71 | 83.33 | 0 | 0 | 0 | 0 | 0 | 0 | 48 | 0 | 0.337 | 32.5 | 1.6 | 0 | 42.8113 | -78.8528 |
| 9/23/2016 11:26 | 12.73 | 72.35 | 0 | 0 | 0 | 0 | 0 | 0 | 49 | 0 | 0.337 | 32.3 | 1.6 | 0 | 42.8113 | -78.8528 |
| 9/23/2016 11:25 | 12.73 | 68.22 | 0 | 0 | 0 | 0 | 0 | 0 | 49 | 0 | 0.337 | 32.3 | 1.6 | 0 | 42.8113 | -78.8528 |
| 9/23/2016 11:24 | 12.73 | 68.22 | 0 | 0 | 0 | 0 | 0 | 0 | 48 | 0 | 0.337 | 32.4 | 1.6 | 0 | 42.8113 | -78.8528 |
| 9/23/2016 11:23 | 12.72 | 69.9 | 0 | 0 | 0 | 0 | 0 | 0 | 48 | 0 | 0.337 | 32.3 | 1.6 | 0 | 42.8113 | -78.8528 |
| 9/23/2016 11:22 | 12.72 | 68.99 | 0 | 0 | 0 | 0 | 0 | 0 | 48 | 0 | 0.337 | 32.2 | 1.6 | 0 | 42.8113 | -78.8528 |
| 9/23/2016 11:21 | 12.72 | 71.45 | 0 | 0 | 0 | 0 | 0 | 0 | 49 | 0 | 0.337 | 32.2 | 1.6 | 0 | 42.8113 | -78.8528 |
| 9/23/2016 11:20 | 12.72 | 77.52 | 0 | 0 | 0 | 0 | 0 | 0 | 49 | 0 | 0.337 | 32.1 | 1.6 | 0 | 42.8113 | -78.8528 |
| 9/23/2016 11:19 | 12.74 | 65.37 | 0 | 0 | 0 | 0 | 0 | 0 | 48 | 0 | 0.337 | 32.3 | 1.6 | 0 | 42.8113 | -78.8528 |
| 9/23/2016 11:18 | 12.73 | 65.5 | 0 | 0 | 0 | 0 | 0 | 0 | 49 | 0 | 0.337 | 32.3 | 1.6 | 0 | 42.8113 | -78.8528 |
| 9/23/2016 11:17 | 12.72 | 67.18 | 0 | 0 | 0 | 0 | 0 | 0 | 49 | 0 | 0.337 | 32.2 | 1.6 | 0 | 42.8113 | -78.8528 |
| 9/23/2016 11:16 | 12.73 | 69.51 | 0 | 0 | 0 | 0 | 0 | 0 | 48 | 0 | 0.337 | 32.1 | 1.6 | 0 | 42.8113 | -78.8528 |
| 9/23/2016 11:15 | 12.72 | 71.83 | 0 | 0 | 0 | 0 | 0 | 0 | 49 | 0 | 0.337 | 32.2 | 1.6 | 0 | 42.8113 | -78.8528 |
| 9/23/2016 11:14 | 12.73 | 64.34 | 0 | 0 | 0 | 0 | 0 | 0 | 48 | 0 | 0.337 | 32.1 | 1.7 | 0 | 42.8113 | -78.8528 |
| 9/23/2016 11:13 | 12.74 | 66.8 | 0 | 0 | 0 | 0 | 0 | 0 | 49 | 0 | 0.337 | 32.1 | 1.7 | 0 | 42.8113 | -78.8528 |
| 9/23/2016 11:12 | 12.74 | 71.19 | 0 | 0 | 0 | 0 | 0 | 0 | 48 | 0 | 0.337 | 32 | 1.7 | 0 | 42.8113 | -78.8528 |
| 9/23/2016 11:11 | 12.74 | 67.05 | 0 | 0 | 0 | 0 | 0 | 0 | 48 | 0 | 0.337 | 32 | 1.7 | 0 | 42.8113 | -78.8528 |
| 9/23/2016 11:10 | 12.72 | 72.87 | 0 | 0 | 0 | 0 | 0 | 0 | 49 | 0 | 0.337 | 32 | 1.7 | 0 | 42.8113 | -78.8528 |
| 9/23/2016 11:09 | 12.73 | 67.44 | 0 | 0 | 0 | 0 | 0 | 0 | 48 | 0 | 0.337 | 32 | 1.7 | 0 | 42.8113 | -78.8528 |
| 9/23/2016 11:08 | 12.73 | 67.83 | 0 | 0 | 0 | 0 | 0 | 0 | 49 | 0 | 0.337 | 32.1 | 1.7 | 0 | 42.8113 | -78.8528 |
| 9/23/2016 11:07 | 12.73 | 69.77 | 0 | 0 | 0 | 0 | 0 | 0 | 48 | 0 | 0.337 | 32 | 1.7 | 0 | 42.8113 | -78.8528 |
| 9/23/2016 11:06 | 12.73 | 69.51 | 0 | 0 | 0 | 0 | 0 | 0 | 48 | 0 | 0.337 | 32 | 1.7 | 0 | 42.8113 | -78.8528 |
| 9/23/2016 11:05 | 12.73 | 66.15 | 0 | 0 | 0 | 0 | 0 | 0 | 48 | 0 | 0.337 | 32 | 1.7 | 0 | 42.8113 | -78.8528 |
| 9/23/2016 11:04 | 12.74 | 68.48 | 0 | 0 | 0 | 0 | 0 | 0 | 49 | 0 | 0.337 | 31.9 | 1.7 | 0 | 42.8113 | -78.8528 |
| 9/23/2016 11:03 | 12.73 | 70.41 | 0 | 0 | 0 | 0 | 0 | 0 | 49 | 0 | 0.337 | 32 | 1.7 | 0 | 42.8113 | -78.8528 |
| 9/23/2016 11:02 | 12.74 | 68.6 | 0 | 0 | 0 | 0 | 0 | 0 | 48 | 0 | 0.337 | 31.8 | 1.7 | 0 | 42.8113 | -78.8528 |

| Timestamp (GMT-4) | Batt. Voltage (V) | Current (mA) | Low (ppm) | Peak (ppm) | STEL (ppm) | TWA (ppm) | VOC (ppm) | VOC (Avg15) (ppm) | Humidity (%) | Mass (µg/m³) | Particle size (µm) | Temperature (°C) | TWA (µg/m³) | Mass (Avg15) (µg/m³) | Latitude | Longitude |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 9/23/2016 11:01 | 12.71 | 84.75 | 0 | 0 | 0 | 0 | 0 | 0 | 49 | 0 | 0.337 | 31.8 | 1.7 | 0 | 42.8113 | -78.8528 |
| 9/23/2016 11:00 | 12.73 | 65.37 | 0 | 0 | 0 | 0 | 0 | 0 | 48 | 0 | 0.337 | 31.8 | 1.7 | 0 | 42.8113 | -78.8528 |
| 9/23/2016 10:59 | 12.74 | 66.8 | 0 | 0 | 0 | 0 | 0 | 0 | 49 | 0 | 0.337 | 31.8 | 1.8 | 0 | 42.8113 | -78.8528 |
| 9/23/2016 10:58 | 12.74 | 68.73 | 0 | 0 | 0 | 0 | 0 | 0 | 48 | 0 | 0.337 | 31.8 | 1.8 | 0 | 42.8113 | -78.8528 |
| 9/23/2016 10:57 | 12.72 | 71.19 | 0 | 0 | 0 | 0 | 0 | 0 | 49 | 0 | 0.337 | 31.8 | 1.8 | 0 | 42.8113 | -78.8528 |
| 9/23/2016 10:56 | 12.72 | 82.69 | 0 | 0 | 0 | 0 | 0 | 0 | 49 | 0 | 0.337 | 31.8 | 1.8 | 0 | 42.8113 | -78.8528 |
| 9/23/2016 10:55 | 12.74 | 66.93 | 0 | 0 | 0 | 0 | 0 | 0 | 49 | 0 | 0.337 | 31.7 | 1.8 | 0 | 42.8113 | -78.8528 |
| 9/23/2016 10:54 | 12.74 | 68.48 | 0 | 0 | 0 | 0 | 0 | 0 | 48 | 0 | 0.337 | 31.7 | 1.8 | 0 | 42.8113 | -78.8528 |
| 9/23/2016 10:53 | 12.74 | 65.89 | 0 | 0 | 0 | 0 | 0 | 0 | 49 | 0 | 0.337 | 31.6 | 1.8 | 0 | 42.8113 | -78.8528 |
| 9/23/2016 10:52 | 12.73 | 67.18 | 0 | 0 | 0 | 0 | 0 | 0 | 49 | 0 | 0.337 | 31.6 | 1.8 | 0 | 42.8113 | -78.8528 |
| 9/23/2016 10:51 | 12.72 | 69.38 | 0 | 0 | 0 | 0 | 0 | 0 | 49 | 0 | 0.337 | 31.7 | 1.8 | 0 | 42.8113 | -78.8528 |
| 9/23/2016 10:50 | 12.72 | 86.56 | 0 | 0 | 0 | 0 | 0 | 0 | 49 | 0 | 0.337 | 31.6 | 1.8 | 0 | 42.8113 | -78.8528 |
| 9/23/2016 10:49 | 12.73 | 69.64 | 0 | 0 | 0 | 0 | 0 | 0 | 49 | 0 | 0.337 | 31.5 | 1.8 | 0 | 42.8113 | -78.8528 |
| 9/23/2016 10:48 | 12.73 | 72.87 | 0 | 0 | 0 | 0 | 0 | 0 | 49 | 0 | 0.337 | 31.6 | 1.8 | 0 | 42.8113 | -78.8528 |
| 9/23/2016 10:47 | 12.74 | 67.31 | 0 | 0 | 0 | 0 | 0 | 0 | 49 | 0 | 0.337 | 31.5 | 1.8 | 0 | 42.8113 | -78.8528 |
| 9/23/2016 10:46 | 12.74 | 66.93 | 0 | 0 | 0 | 0 | 0 | 0 | 49 | 0 | 0.337 | 31.4 | 1.8 | 0 | 42.8113 | -78.8528 |
| 9/23/2016 10:45 | 12.73 | 68.86 | 0 | 0 | 0 | 0 | 0 | 0 | 50 | 0 | 0.337 | 31.3 | 1.9 | 0 | 42.8113 | -78.8528 |
| 9/23/2016 10:44 | 12.72 | 69.25 | 0 | 0 | 0 | 0 | 0 | 0 | 49 | 0 | 0.337 | 31.5 | 1.9 | 0 | 42.8113 | -78.8528 |
| 9/23/2016 10:43 | 12.73 | 68.99 | 0 | 0 | 0 | 0 | 0 | 0 | 49 | 0 | 0.337 | 31.5 | 1.9 | 0 | 42.8113 | -78.8528 |
| 9/23/2016 10:42 | 12.74 | 66.67 | 0 | 0 | 0 | 0 | 0 | 0 | 49 | 0 | 0.337 | 31.2 | 1.9 | 0 | 42.8113 | -78.8528 |
| 9/23/2016 10:41 | 12.73 | 67.7 | 0 | 0 | 0 | 0 | 0 | 0 | 49 | 0 | 0.337 | 31.2 | 1.9 | 0 | 42.8113 | -78.8528 |
| 9/23/2016 10:40 | 12.73 | 69.25 | 0 | 0 | 0 | 0 | 0 | 0 | 49 | 0 | 0.337 | 31.3 | 1.9 | 0 | 42.8113 | -78.8528 |
| 9/23/2016 10:39 | 12.74 | 66.41 | 0 | 0 | 0 | 0 | 0 | 0 | 49 | 0 | 0.337 | 31.2 | 1.9 | 0 | 42.8113 | -78.8528 |
| 9/23/2016 10:38 | 12.74 | 64.86 | 0 | 0 | 0 | 0 | 0 | 0 | 49 | 0 | 0.337 | 31.2 | 1.9 | 0 | 42.8113 | -78.8528 |
| 9/23/2016 10:37 | 12.74 | 70.28 | 0 | 0 | 0 | 0 | 0 | 0 | 50 | 0 | 0.337 | 31.2 | 1.9 | 0 | 42.8113 | -78.8528 |
| 9/23/2016 10:36 | 12.74 | 67.18 | 0 | 0 | 0 | 0 | 0 | 0 | 49 | 0 | 0.337 | 31.1 | 1.9 | 0 | 42.8113 | -78.8528 |
| 9/23/2016 10:35 | 12.73 | 66.93 | 0 | 0 | 0 | 0 | 0 | 0 | 49 | 0 | 0.337 | 31.1 | 1.9 | 0 | 42.8113 | -78.8528 |
| 9/23/2016 10:34 | 12.73 | 69.64 | 0 | 0 | 0 | 0 | 0 | 0 | 50 | 0 | 0.337 | 31.1 | 1.9 | 0 | 42.8113 | -78.8528 |
| 9/23/2016 10:33 | 12.73 | 71.58 | 0 | 0 | 0 | 0 | 0 | 0 | 50 | 0 | 0.337 | 31.1 | 2 | 0 | 42.8113 | -78.8528 |
| 9/23/2016 10:32 | 12.73 | 69.9 | 0 | 0 | 0 | 0 | 0 | 0 | 50 | 0 | 0.337 | 31 | 2 | 0 | 42.8113 | -78.8528 |
| 9/23/2016 10:31 | 12.73 | 71.06 | 0 | 0 | 0 | 0 | 0 | 0 | 49 | 0 | 0.337 | 31 | 2 | 0 | 42.8113 | -78.8528 |
| 9/23/2016 10:30 | 12.74 | 70.41 | 0 | 0 | 0 | 0 | 0 | 0 | 50 | 0 | 0.337 | 30.8 | 2 | 0 | 42.8113 | -78.8528 |
| 9/23/2016 10:29 | 12.74 | 65.76 | 0 | 0 | 0 | 0 | 0 | 0 | 49 | 0 | 0.337 | 30.8 | 2 | 0 | 42.8113 | -78.8528 |
| 9/23/2016 10:28 | 12.74 | 66.93 | 0 | 0 | 0 | 0 | 0 | 0 | 49 | 0 | 0.337 | 30.8 | 2 | 0 | 42.8113 | -78.8528 |
| 9/23/2016 10:27 | 12.73 | 67.57 | 0 | 0 | 0 | 0 | 0 | 0 | 50 | 0 | 0.337 | 30.8 | 2 | 0 | 42.8113 | -78.8528 |
| 9/23/2016 10:26 | 12.72 | 82.04 | 0 | 0 | 0 | 0 | 0 | 0 | 49 | 0 | 0.337 | 30.7 | 2 | 0 | 42.8113 | -78.8528 |
| 9/23/2016 10:25 | 12.72 | 70.54 | 0 | 0 | 0 | 0 | 0 | 0 | 50 | 0 | 0.337 | 30.7 | 2 | 0 | 42.8113 | -78.8528 |
| 9/23/2016 10:24 | 12.74 | 66.93 | 0 | 0 | 0 | 0 | 0 | 0 | 49 | 0 | 0.337 | 30.8 | 2 | 0 | 42.8113 | -78.8528 |
| 9/23/2016 10:23 | 12.73 | 68.6 | 0 | 0 | 0 | 0 | 0 | 0 | 50 | 0 | 0.337 | 30.7 | 2 | 0 | 42.8113 | -78.8528 |
| 9/23/2016 10:22 | 12.74 | 66.67 | 0 | 0 | 0 | 0 | 0 | 0 | 50 | 0 | 0.337 | 30.6 | 2.1 | 0 | 42.8113 | -78.8528 |
| 9/23/2016 10:21 | 12.74 | 68.35 | 0 | 0 | 0 | 0 | 0 | 0 | 50 | 0 | 0.337 | 30.6 | 2.1 | 0 | 42.8113 | -78.8528 |
| 9/23/2016 10:20 | 12.73 | 65.63 | 0 | 0 | 0 | 0 | 0 | 0 | 49 | 0 | 0.337 | 30.6 | 2.1 | 0 | 42.8113 | -78.8528 |
| 9/23/2016 10:19 | 12.72 | 83.08 | 0 | 0 | 0 | 0 | 0 | 0 | 50 | 0 | 0.337 | 30.6 | 2.1 | 0 | 42.8113 | -78.8528 |
| 9/23/2016 10:18 | 12.73 | 67.96 | 0 | 0 | 0 | 0 | 0 | 0 | 50 | 0 | 0.337 | 30.5 | 2.1 | 0 | 42.8113 | -78.8528 |
| 9/23/2016 10:17 | 12.73 | 67.44 | 0 | 0 | 0 | 0 | 0 | 0 | 50 | 0 | 0.337 | 30.5 | 2.1 | 0 | 42.8113 | -78.8528 |
| 9/23/2016 10:16 | 12.74 | 70.67 | 0 | 0 | 0 | 0 | 0 | 0 | 50 | 0 | 0.337 | 30.3 | 2.1 | 0 | 42.8113 | -78.8528 |

| Timestamp (GMT-4) | Batt. Voltage (V) | Current (mA) | Low (ppm) | Peak (ppm) | STEL (ppm) | TWA (ppm) | VOC (ppm) | VOC (Avg15) (ppm) | Humidity (%) | Mass (µg/m³) | Particle size (µm) | Temperature (℃) | TWA (µg/m³) | Mass (Avg15) (µg/m³) | Latitude | Longitude |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 9/23/2016 10:15 | 12.73 | 70.16 | 0 | 0 | 0 | 0 | 0 | 0 | 50 | 0 | 0.337 | 30.5 | 2.1 | 0 | 42.8113 | -78.8528 |
| 9/23/2016 10:14 | 12.73 | 67.96 | 0 | 0 | 0 | 0 | 0 | 0 | 49 | 0 | 0.337 | 30.3 | 2.1 | 0 | 42.8113 | -78.8528 |
| 9/23/2016 10:13 | 12.73 | 67.83 | 0 | 0 | 0 | 0 | 0 | 0 | 50 | 0 | 0.337 | 30.3 | 2.1 | 0 | 42.8113 | -78.8528 |
| 9/23/2016 10:12 | 12.73 | 71.06 | 0 | 0 | 0 | 0 | 0 | 0 | 49 | 0 | 0.337 | 30.2 | 2.2 | 0 | 42.8113 | -78.8528 |
| 9/23/2016 10:11 | 12.74 | 69.25 | 0 | 0 | 0 | 0 | 0 | 0 | 50 | 0 | 0.337 | 30.3 | 2.2 | 0 | 42.8113 | -78.8528 |
| 9/23/2016 10:10 | 12.73 | 67.96 | 0 | 0 | 0 | 0 | 0 | 0 | 50 | 0 | 0.337 | 30.2 | 2.2 | 0 | 42.8113 | -78.8528 |
| 9/23/2016 10:09 | 12.72 | 81.52 | 0 | 0 | 0 | 0 | 0 | 0 | 50 | 0 | 0.337 | 30.1 | 2.2 | 0 | 42.8113 | -78.8528 |
| 9/23/2016 10:08 | 12.73 | 70.41 | 0 | 0 | 0 | 0 | 0 | 0 | 50 | 0 | 0.337 | 30.1 | 2.2 | 0 | 42.8113 | -78.8528 |
| 9/23/2016 10:07 | 12.74 | 65.12 | 0 | 0 | 0 | 0 | 0 | 0 | 50 | 0 | 0.337 | 30.1 | 2.2 | 0 | 42.8113 | -78.8528 |
| 9/23/2016 10:06 | 12.74 | 65.5 | 0 | 0 | 0 | 0 | 0 | 0 | 50 | 0 | 0.337 | 30.1 | 2.2 | 0 | 42.8113 | -78.8528 |
| 9/23/2016 10:05 | 12.72 | 69.25 | 0 | 0 | 0 | 0 | 0 | 0 | 50 | 0 | 0.337 | 30 | 2.2 | 0 | 42.8113 | -78.8528 |
| 9/23/2016 10:04 | 12.73 | 70.41 | 0 | 0 | 0 | 0 | 0 | 0 | 50 | 0 | 0.337 | 29.9 | 2.2 | 0 | 42.8113 | -78.8528 |
| 9/23/2016 10:03 | 12.73 | 71.06 | 0 | 0 | 0 | 0 | 0 | 0 | 50 | 0 | 0.337 | 29.8 | 2.3 | 0 | 42.8113 | -78.8528 |
| 9/23/2016 10:02 | 12.72 | 74.29 | 0 | 0 | 0 | 0 | 0 | 0 | 51 | 0 | 0.337 | 29.8 | 2.3 | 0 | 42.8113 | -78.8528 |
| 9/23/2016 10:01 | 12.73 | 67.31 | 0 | 0 | 0 | 0 | 0 | 0 | 51 | 0 | 0.337 | 29.8 | 2.3 | 0 | 42.8113 | -78.8528 |
| 9/23/2016 10:00 | 12.74 | 64.21 | 0 | 0 | 0 | 0 | 0 | 0 | 50 | 0 | 0.337 | 29.7 | 2.3 | 0 | 42.8113 | -78.8528 |
| 9/23/2016 9:59 | 12.74 | 65.89 | 0 | 0 | 0 | 0 | 0 | 0 | 50 | 0 | 0.337 | 29.6 | 2.3 | 0 | 42.8113 | -78.8528 |
| 9/23/2016 9:58 | 12.73 | 70.8 | 0 | 0 | 0 | 0 | 0 | 0 | 50 | 0 | 0.337 | 29.6 | 2.3 | 0 | 42.8113 | -78.8528 |
| 9/23/2016 9:57 | 12.74 | 67.7 | 0 | 0 | 0 | 0 | 0 | 0 | 51 | 0 | 0.337 | 29.6 | 2.3 | 0 | 42.8113 | -78.8528 |
| 9/23/2016 9:56 | 12.73 | 70.67 | 0 | 0 | 0 | 0 | 0 | 0 | 51 | 0 | 0.337 | 29.6 | 2.3 | 0 | 42.8113 | -78.8528 |
| 9/23/2016 9:55 | 12.73 | 69.38 | 0 | 0 | 0 | 0 | 0 | 0 | 50 | 0 | 0.337 | 29.5 | 2.4 | 0 | 42.8113 | -78.8528 |
| 9/23/2016 9:54 | 12.73 | 71.32 | 0 | 0 | 0 | 0 | 0 | 0 | 50 | 0 | 0.337 | 29.5 | 2.4 | 0 | 42.8113 | -78.8528 |
| 9/23/2016 9:53 | 12.74 | 66.8 | 0 | 0 | 0 | 0 | 0 | 0 | 49 | 0 | 0.337 | 29.3 | 2.4 | 0 | 42.8113 | -78.8528 |
| 9/23/2016 9:52 | 12.72 | 77.78 | 0 | 0 | 0 | 0 | 0 | 0 | 50 | 0 | 0.337 | 29.3 | 2.4 | 0 | 42.8113 | -78.8528 |
| 9/23/2016 9:51 | 12.73 | 70.03 | 0 | 0 | 0 | 0 | 0 | 0 | 50 | 0 | 0.337 | 29.2 | 2.4 | 0 | 42.8113 | -78.8528 |
| 9/23/2016 9:50 | 12.73 | 69.9 | 0 | 0 | 0 | 0 | 0 | 0 | 50 | 0 | 0.337 | 29.2 | 2.4 | 0 | 42.8113 | -78.8528 |
| 9/23/2016 9:49 | 12.74 | 68.86 | 0 | 0 | 0 | 0 | 0 | 0 | 51 | 0 | 0.337 | 29.2 | 2.4 | 0 | 42.8113 | -78.8528 |
| 9/23/2016 9:48 | 12.74 | 68.09 | 0 | 0 | 0 | 0 | 0 | 0 | 51 | 0 | 0.337 | 29.2 | 2.4 | 0 | 42.8113 | -78.8528 |
| 9/23/2016 9:47 | 12.74 | 66.54 | 0 | 0 | 0 | 0 | 0 | 0 | 50 | 0 | 0.337 | 29.1 | 2.5 | 0 | 42.8113 | -78.8528 |
| 9/23/2016 9:46 | 12.74 | 64.21 | 0 | 0 | 0 | 0 | 0 | 0 | 49 | 0 | 0.337 | 29 | 2.5 | 0 | 42.8113 | -78.8528 |
| 9/23/2016 9:45 | 12.73 | 70.03 | 0 | 0 | 0 | 0 | 0 | 0 | 50 | 0 | 0.337 | 29 | 2.5 | 0 | 42.8113 | -78.8528 |
| 9/23/2016 9:44 | 12.73 | 78.04 | 0 | 0 | 0 | 0 | 0 | 0 | 51 | 0 | 0.337 | 29 | 2.5 | 0 | 42.8113 | -78.8528 |
| 9/23/2016 9:43 | 12.74 | 68.48 | 0 | 0 | 0 | 0 | 0 | 0 | 51 | 0 | 0.337 | 28.9 | 2.5 | 0 | 42.8113 | -78.8528 |
| 9/23/2016 9:42 | 12.73 | 71.45 | 0 | 0 | 0 | 0 | 0 | 0 | 50 | 0 | 0.337 | 28.8 | 2.5 | 0 | 42.8113 | -78.8528 |
| 9/23/2016 9:41 | 12.73 | 69.9 | 0 | 0 | 0 | 0 | 0 | 0 | 51 | 0 | 0.337 | 28.8 | 2.5 | 0 | 42.8113 | -78.8528 |
| 9/23/2016 9:40 | 12.74 | 68.09 | 0 | 0 | 0 | 0 | 0 | 0 | 50 | 0 | 0.337 | 28.7 | 2.6 | 0 | 42.8113 | -78.8528 |
| 9/23/2016 9:39 | 12.73 | 70.28 | 0 | 0 | 0 | 0 | 0 | 0 | 51 | 0 | 0.337 | 28.7 | 2.6 | 0 | 42.8113 | -78.8528 |
| 9/23/2016 9:38 | 12.73 | 67.96 | 0 | 0 | 0 | 0 | 0 | 0 | 50 | 0 | 0.337 | 28.6 | 2.6 | 0 | 42.8113 | -78.8528 |
| 9/23/2016 9:37 | 12.73 | 68.22 | 0 | 0 | 0 | 0 | 0 | 0 | 50 | 0 | 0.337 | 28.6 | 2.6 | 0 | 42.8113 | -78.8528 |
| 9/23/2016 9:36 | 12.74 | 68.86 | 0 | 0 | 0 | 0 | 0 | 0 | 51 | 0 | 0.337 | 28.6 | 2.6 | 0 | 42.8113 | -78.8528 |
| 9/23/2016 9:35 | 12.74 | 67.83 | 0 | 0 | 0 | 0 | 0 | 0 | 51 | 0 | 0.337 | 28.5 | 2.6 | 0 | 42.8113 | -78.8528 |
| 9/23/2016 9:34 | 12.74 | 66.28 | 0 | 0 | 0 | 0 | 0 | 0 | 50 | 0 | 0.337 | 28.4 | 2.7 | 0 | 42.8113 | -78.8528 |
| 9/23/2016 9:33 | 12.74 | 64.99 | 0 | 0 | 0 | 0 | 0 | 0 | 50 | 0 | 0.337 | 28.3 | 2.7 | 0 | 42.8113 | -78.8528 |
| 9/23/2016 9:32 | 12.74 | 67.44 | 0 | 0 | 0 | 0 | 0 | 0 | 50 | 0 | 0.337 | 28.4 | 2.7 | 0 | 42.8113 | -78.8528 |
| 9/23/2016 9:31 | 12.73 | 70.03 | 0 | 0 | 0 | 0 | 0 | 0 | 50 | 0 | 0.337 | 28.3 | 2.7 | 0 | 42.8113 | -78.8528 |
| 9/23/2016 9:30 | 12.74 | 67.57 | 0 | 0 | 0 | 0 | 0 | 0 | 51 | 0 | 0.337 | 28.2 | 2.7 | 0 | 42.8113 | -78.8528 |

| Timestamp (GMT-4) | Batt. Voltage (V) | Current (mA) | Low (ppm) | Peak (ppm) | STEL (ppm) | TWA (ppm) | VOC (ppm) | VOC (Avg15) (ppm) | Humidity (%) | Mass (µg/m³) | Particle size (µm) | Temperature (°C) | TWA (µg/m³) | Mass (Avg15) (µg/m³) | Latitude | Longitude |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 9/23/2016 9:29 | 12.73 | 73.9 | 0 | 0 | 0 | 0 | 0 | 0 | 50 | 0 | 0.337 | 28.1 | 2.7 | 0 | 42.8113 | -78.8528 |
| 9/23/2016 9:28 | 12.74 | 70.16 | 0 | 0 | 0 | 0 | 0 | 0 | 50 | 0 | 0.337 | 28.1 | 2.8 | 0 | 42.8113 | -78.8528 |
| 9/23/2016 9:27 | 12.73 | 69.64 | 0 | 0 | 0 | 0 | 0 | 0 | 50 | 0 | 0.337 | 28.1 | 2.8 | 0 | 42.8113 | -78.8528 |
| 9/23/2016 9:26 | 12.74 | 69.51 | 0 | 0 | 0 | 0 | 0 | 0 | 50 | 0 | 0.337 | 28.1 | 2.8 | 0 | 42.8113 | -78.8528 |
| 9/23/2016 9:25 | 12.74 | 64.99 | 0 | 0 | 0 | 0 | 0 | 0 | 50 | 0 | 0.337 | 28 | 2.8 | 0 | 42.8113 | -78.8528 |
| 9/23/2016 9:24 | 12.74 | 70.03 | 0 | 0 | 0 | 0 | 0 | 0 | 50 | 0 | 0.337 | 28 | 2.8 | 0 | 42.8113 | -78.8528 |
| 9/23/2016 9:23 | 12.73 | 76.36 | 0 | 0 | 0 | 0 | 0 | 0 | 50 | 0 | 0.337 | 27.9 | 2.8 | 0 | 42.8113 | -78.8528 |
| 9/23/2016 9:22 | 12.74 | 69.51 | 0 | 0 | 0 | 0 | 0 | 0 | 51 | 0 | 0.337 | 27.9 | 2.9 | 0 | 42.8113 | -78.8528 |
| 9/23/2016 9:21 | 12.72 | 74.29 | 0 | 0 | 0 | 0 | 0 | 0 | 50 | 0 | 0.337 | 27.8 | 2.9 | 0 | 42.8113 | -78.8528 |
| 9/23/2016 9:20 | 12.74 | 71.19 | 0 | 0 | 0 | 0 | 0 | 0 | 49 | 0 | 0.337 | 27.7 | 2.9 | 0 | 42.8113 | -78.8528 |
| 9/23/2016 9:19 | 12.73 | 68.6 | 0 | 0 | 0 | 0 | 0 | 0 | 50 | 0 | 0.337 | 27.7 | 2.9 | 0 | 42.8113 | -78.8528 |
| 9/23/2016 9:18 | 12.74 | 66.93 | 0 | 0 | 0 | 0 | 0 | 0 | 51 | 0 | 0.337 | 27.7 | 2.9 | 0 | 42.8113 | -78.8528 |
| 9/23/2016 9:17 | 12.74 | 69.25 | 0 | 0 | 0 | 0 | 0 | 0 | 50 | 0 | 0.337 | 27.7 | 3 | 0 | 42.8113 | -78.8528 |
| 9/23/2016 9:16 | 12.74 | 69.25 | 0 | 0 | 0 | 0 | 0 | 0 | 50 | 0 | 0.337 | 27.6 | 3 | 0 | 42.8113 | -78.8528 |
| 9/23/2016 9:15 | 12.74 | 68.99 | 0 | 0 | 0 | 0 | 0 | 0 | 50 | 0 | 0.337 | 27.5 | 3 | 0 | 42.8113 | -78.8528 |
| 9/23/2016 9:14 | 12.73 | 73.9 | 0 | 0 | 0 | 0 | 0 | 0 | 50 | 0 | 0.337 | 27.5 | 3 | 0 | 42.8113 | -78.8528 |
| 9/23/2016 9:13 | 12.74 | 67.05 | 0 | 0 | 0 | 0 | 0 | 0 | 50 | 0 | 0.337 | 27.4 | 3 | 0 | 42.8113 | -78.8528 |
| 9/23/2016 9:12 | 12.72 | 68.22 | 0 | 0 | 0 | 0 | 0 | 0 | 50 | 0 | 0.337 | 27.4 | 3.1 | 0 | 42.8113 | -78.8528 |
| 9/23/2016 9:11 | 12.74 | 66.41 | 0 | 0 | 0 | 0 | 0 | 0 | 50 | 0 | 0.337 | 27.3 | 3.1 | 0.01 | 42.8113 | -78.8528 |
| 9/23/2016 9:10 | 12.73 | 68.35 | 0 | 0 | 0 | 0 | 0 | 0 | 50 | 0 | 0.337 | 27.3 | 3.1 | 0.01 | 42.8113 | -78.8528 |
| 9/23/2016 9:09 | 12.74 | 67.05 | 0 | 0 | 0 | 0 | 0 | 0 | 50 | 0 | 0.337 | 27.2 | 3.1 | 0.01 | 42.8113 | -78.8528 |
| 9/23/2016 9:08 | 12.74 | 70.03 | 0 | 0 | 0 | 0 | 0 | 0 | 49 | 0 | 0.337 | 27.2 | 3.1 | 0.01 | 42.8113 | -78.8528 |
| 9/23/2016 9:07 | 12.73 | 67.31 | 0 | 0 | 0 | 0 | 0 | 0 | 50 | 0 | 0.337 | 27.2 | 3.2 | 0.01 | 42.8113 | -78.8528 |
| 9/23/2016 9:06 | 12.73 | 68.99 | 0 | 0 | 0 | 0 | 0 | 0 | 49 | 0 | 0.337 | 27.1 | 3.2 | 0.01 | 42.8113 | -78.8528 |
| 9/23/2016 9:05 | 12.74 | 66.41 | 0 | 0 | 0 | 0 | 0 | 0 | 51 | 0 | 0.337 | 27.1 | 3.2 | 0.01 | 42.8113 | -78.8528 |
| 9/23/2016 9:04 | 12.72 | 77 | 0 | 0 | 0 | 0 | 0 | 0 | 50 | 0 | 0.337 | 27.1 | 3.2 | 0.01 | 42.8113 | -78.8528 |
| 9/23/2016 9:03 | 12.72 | 75.45 | 0 | 0 | 0 | 0 | 0 | 0 | 50 | 0 | 0.337 | 27 | 3.3 | 0.01 | 42.8113 | -78.8528 |
| 9/23/2016 9:02 | 12.74 | 69.38 | 0 | 0 | 0 | 0 | 0 | 0 | 50 | 0 | 0.337 | 26.9 | 3.3 | 0.01 | 42.8113 | -78.8528 |
| 9/23/2016 9:01 | 12.73 | 71.06 | 0 | 0 | 0 | 0 | 0 | 0 | 50 | 0 | 0.337 | 26.9 | 3.3 | 0.01 | 42.8113 | -78.8528 |
| 9/23/2016 9:00 | 12.74 | 65.89 | 0 | 0 | 0 | 0 | 0 | 0 | 49 | 0 | 0.337 | 26.9 | 3.3 | 0.01 | 42.8113 | -78.8528 |
| 9/23/2016 8:59 | 12.73 | 68.35 | 0 | 0 | 0 | 0 | 0 | 0 | 50 | 0 | 0.337 | 26.9 | 3.4 | 0.01 | 42.8113 | -78.8528 |
| 9/23/2016 8:58 | 12.74 | 66.8 | 0 | 0 | 0 | 0 | 0 | 0 | 50 | 0 | 0.337 | 26.8 | 3.4 | 0.01 | 42.8113 | -78.8528 |
| 9/23/2016 8:57 | 12.74 | 67.18 | 0 | 0 | 0 | 0 | 0 | 0 | 50 | 0.1 | 0.358 | 26.7 | 3.4 | 0.01 | 42.8113 | -78.8528 |
| 9/23/2016 8:56 | 12.74 | 68.35 | 0 | 0 | 0 | 0 | 0 | 0 | 50 | 0 | 0.337 | 26.6 | 3.4 | 0 | 42.8113 | -78.8528 |
| 9/23/2016 8:55 | 12.74 | 66.54 | 0 | 0 | 0 | 0 | 0 | 0 | 49 | 0 | 0.337 | 26.7 | 3.5 | 0 | 42.8113 | -78.8528 |
| 9/23/2016 8:54 | 12.74 | 68.6 | 0 | 0 | 0 | 0 | 0 | 0 | 50 | 0 | 0.337 | 26.7 | 3.5 | 0 | 42.8113 | -78.8528 |
| 9/23/2016 8:53 | 12.73 | 71.45 | 0 | 0 | 0 | 0 | 0 | 0 | 50 | 0 | 0.337 | 26.6 | 3.5 | 0 | 42.8113 | -78.8528 |
| 9/23/2016 8:52 | 12.74 | 66.8 | 0 | 0 | 0 | 0 | 0 | 0 | 50 | 0 | 0.337 | 26.5 | 3.5 | 0 | 42.8113 | -78.8528 |
| 9/23/2016 8:51 | 12.72 | 78.04 | 0 | 0 | 0 | 0 | 0 | 0 | 49 | 0 | 0.337 | 26.6 | 3.6 | 0 | 42.8113 | -78.8528 |
| 9/23/2016 8:50 | 12.75 | 68.48 | 0 | 0 | 0 | 0 | 0 | 0 | 49 | 0 | 0.337 | 26.5 | 3.6 | 0 | 42.8113 | -78.8528 |
| 9/23/2016 8:49 | 12.74 | 65.63 | 0 | 0 | 0 | 0 | 0 | 0 | 50 | 0 | 0.337 | 26.5 | 3.6 | 0 | 42.8113 | -78.8528 |
| 9/23/2016 8:48 | 12.73 | 67.18 | 0 | 0 | 0 | 0 | 0 | 0 | 50 | 0 | 0.337 | 26.5 | 3.7 | 0 | 42.8113 | -78.8528 |
| 9/23/2016 8:47 | 12.74 | 65.76 | 0 | 0 | 0 | 0 | 0 | 0 | 50 | 0 | 0.337 | 26.4 | 3.7 | 0 | 42.8113 | -78.8528 |
| 9/23/2016 8:46 | 12.74 | 68.22 | 0 | 0 | 0 | 0 | 0 | 0 | 50 | 0 | 0.337 | 26.2 | 3.7 | 0 | 42.8113 | -78.8528 |
| 9/23/2016 8:45 | 12.74 | 65.76 | 0 | 0 | 0 | 0 | 0 | 0 | 50 | 0 | 0.337 | 26.2 | 3.8 | 0 | 42.8113 | -78.8528 |
| 9/23/2016 8:44 | 12.73 | 68.99 | 0 | 0 | 0 | 0 | 0 | 0 | 50 | 0 | 0.337 | 26.2 | 3.8 | 0 | 42.8113 | -78.8528 |

| Timestamp (GMT-4) | Batt. Voltage (V) | Current (mA) | Low (ppm) | Peak (ppm) | STEL (ppm) | TWA (ppm) | VOC (ppm) | VOC (Avg15) (ppm) | Humidity (%) | Mass (µg/m³) | Particle size (µm) | Temperature (℃) | TWA (µg/m³) | Mass (Avg15) (µg/m³) | Latitude | Longitude |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 9/23/2016 8:43 | 12.74 | 71.32 | 0 | 0 | 0 | 0 | 0 | 0 | 50 | 0 | 0.337 | 26.2 | 3.8 | 0 | 42.8113 | -78.8528 |
| 9/23/2016 8:42 | 12.73 | 67.05 | 0 | 0 | 0 | 0 | 0 | 0 | 50 | 0 | 0.337 | 26.2 | 3.9 | 0 | 42.8113 | -78.8528 |
| 9/23/2016 8:41 | 12.74 | 69.77 | 0 | 0 | 0 | 0 | 0 | 0 | 50 | 0 | 0.337 | 26.2 | 3.9 | 0 | 42.8113 | -78.8528 |
| 9/23/2016 8:40 | 12.74 | 66.54 | 0 | 0 | 0 | 0 | 0 | 0 | 50 | 0 | 0.337 | 26.1 | 3.9 | 0 | 42.8113 | -78.8528 |
| 9/23/2016 8:39 | 12.74 | 65.76 | 0 | 0 | 0 | 0 | 0 | 0 | 49 | 0 | 0.337 | 26.2 | 4 | 0 | 42.8113 | -78.8528 |
| 9/23/2016 8:38 | 12.73 | 68.22 | 0 | 0 | 0 | 0 | 0 | 0 | 50 | 0 | 0.337 | 26.1 | 4 | 0 | 42.8113 | -78.8528 |
| 9/23/2016 8:37 | 12.73 | 75.71 | 0 | 0 | 0 | 0 | 0 | 0 | 49 | 0 | 0.337 | 26 | 4 | 0 | 42.8113 | -78.8528 |
| 9/23/2016 8:36 | 12.75 | 67.57 | 0 | 0 | 0 | 0 | 0 | 0 | 50 | 0 | 0.337 | 26 | 4.1 | 0 | 42.8113 | -78.8528 |
| 9/23/2016 8:35 | 12.74 | 65.12 | 0 | 0 | 0 | 0 | 0 | 0 | 50 | 0 | 0.337 | 26 | 4.1 | 0 | 42.8113 | -78.8528 |
| 9/23/2016 8:34 | 12.74 | 67.05 | 0 | 0 | 0 | 0 | 0 | 0 | 50 | 0 | 0.337 | 25.8 | 4.2 | 0 | 42.8113 | -78.8528 |
| 9/23/2016 8:33 | 12.74 | 68.73 | 0 | 0 | 0 | 0 | 0 | 0 | 50 | 0 | 0.337 | 25.9 | 4.2 | 0 | 42.8113 | -78.8529 |
| 9/23/2016 8:32 | 12.74 | 67.83 | 0 | 0 | 0 | 0 | 0 | 0 | 50 | 0 | 0.337 | 25.9 | 4.2 | 0 | 42.8113 | -78.8528 |
| 9/23/2016 8:31 | 12.73 | 78.04 | 0 | 0 | 0 | 0 | 0 | 0 | 50 | 0 | 0.337 | 25.9 | 4.3 | 0 | 42.8113 | -78.8528 |
| 9/23/2016 8:30 | 12.73 | 69.64 | 0 | 0 | 0 | 0 | 0 | 0 | 49 | 0 | 0.337 | 25.9 | 4.3 | 0 | 42.8113 | -78.8528 |
| 9/23/2016 8:29 | 12.74 | 74.16 | 0 | 0 | 0 | 0 | 0 | 0 | 50 | 0 | 0.337 | 25.9 | 4.4 | 0 | 42.8113 | -78.8528 |
| 9/23/2016 8:28 | 12.74 | 68.86 | 0 | 0 | 0 | 0 | 0 | 0 | 50 | 0 | 0.337 | 25.8 | 4.4 | 0 | 42.8113 | -78.8529 |
| 9/23/2016 8:27 | 12.74 | 68.86 | 0 | 0 | 0 | 0 | 0 | 0 | 50 | 0 | 0.337 | 25.8 | 4.4 | 0.01 | 42.8113 | -78.8529 |
| 9/23/2016 8:26 | 12.73 | 72.09 | 0 | 0 | 0 | 0 | 0 | 0 | 49 | 0 | 0.337 | 25.8 | 4.5 | 0.01 | 42.8113 | -78.8528 |
| 9/23/2016 8:25 | 12.74 | 66.02 | 0 | 0 | 0 | 0 | 0 | 0 | 49 | 0 | 0.337 | 25.7 | 4.5 | 0.01 | 42.8113 | -78.8528 |
| 9/23/2016 8:24 | 12.74 | 74.68 | 0 | 0 | 0 | 0 | 0 | 0 | 50 | 0 | 0.337 | 25.7 | 4.6 | 0.01 | 42.8113 | -78.8528 |
| 9/23/2016 8:23 | 12.74 | 67.96 | 0 | 0 | 0 | 0 | 0 | 0 | 49 | 0 | 0.337 | 25.6 | 4.6 | 0.01 | 42.8113 | -78.8528 |
| 9/23/2016 8:22 | 12.74 | 67.96 | 0 | 0 | 0 | 0 | 0 | 0 | 50 | 0 | 0.337 | 25.7 | 4.7 | 0.01 | 42.8113 | -78.8528 |
| 9/23/2016 8:21 | 12.73 | 76.36 | 0 | 0 | 0 | 0 | 0 | 0 | 49 | 0 | 0.337 | 25.7 | 4.7 | 0.01 | 42.8113 | -78.8528 |
| 9/23/2016 8:20 | 12.74 | 70.16 | 0 | 0 | 0 | 0 | 0 | 0 | 49 | 0 | 0.337 | 25.7 | 4.8 | 0.01 | 42.8113 | -78.8528 |
| 9/23/2016 8:19 | 12.74 | 67.7 | 0 | 0 | 0 | 0 | 0 | 0 | 49 | 0 | 0.337 | 25.7 | 4.8 | 0.01 | 42.8113 | -78.8528 |
| 9/23/2016 8:18 | 12.74 | 69.38 | 0 | 0 | 0 | 0 | 0 | 0 | 49 | 0 | 0.337 | 25.6 | 4.9 | 0.01 | 42.8113 | -78.8528 |
| 9/23/2016 8:17 | 12.74 | 65.12 | 0 | 0 | 0 | 0 | 0 | 0 | 50 | 0 | 0.337 | 25.6 | 4.9 | 0.01 | 42.8113 | -78.8528 |
| 9/23/2016 8:16 | 12.74 | 70.16 | 0 | 0 | 0 | 0 | 0 | 0 | 50 | 0 | 0.337 | 25.5 | 5 | 0.01 | 42.8113 | -78.8528 |
| 9/23/2016 8:15 | 12.73 | 69.51 | 0 | 0 | 0 | 0 | 0 | 0 | 50 | 0 | 0.337 | 25.5 | 5.1 | 0.01 | 42.8113 | -78.8528 |
| 9/23/2016 8:14 | 12.74 | 72.74 | 0 | 0 | 0 | 0 | 0 | 0 | 50 | 0 | 0.337 | 25.6 | 5.1 | 0.01 | 42.8113 | -78.8528 |
| 9/23/2016 8:13 | 12.74 | 65.89 | 0 | 0 | 0 | 0 | 0 | 0 | 50 | 0.1 | 0.337 | 25.5 | 5.2 | 0.01 | 42.8113 | -78.8528 |
| 9/23/2016 8:12 | 12.74 | 69.38 | 0 | 0 | 0 | 0 | 0 | 0 | 50 | 0 | 0.337 | 25.5 | 5.2 | 0 | 42.8113 | -78.8528 |
| 9/23/2016 8:11 | 12.74 | 69.51 | 0 | 0 | 0 | 0 | 0 | 0 | 49 | 0 | 0.337 | 25.4 | 5.3 | 0 | 42.8113 | -78.8528 |
| 9/23/2016 8:10 | 12.73 | 76.49 | 0 | 0 | 0 | 0 | 0 | 0 | 49 | 0 | 0.337 | 25.3 | 5.4 | 0 | 42.8113 | -78.8529 |
| 9/23/2016 8:09 | 12.72 | 82.56 | 0 | 0 | 0 | 0 | 0 | 0 | 49 | 0 | 0.337 | 25.3 | 5.4 | 0 | 42.8113 | -78.8529 |
| 9/23/2016 8:08 | 12.75 | 64.86 | 0 | 0 | 0 | 0 | 0 | 0 | 50 | 0 | 0.337 | 25.3 | 5.5 | 0 | 42.8113 | -78.8529 |
| 9/23/2016 8:07 | 12.74 | 63.7 | 0 | 0 | 0 | 0 | 0 | 0 | 49 | 0 | 0.337 | 25.3 | 5.6 | 0 | 42.8113 | -78.8529 |
| 9/23/2016 8:06 | 12.74 | 74.29 | 0 | 0 | 0 | 0 | 0 | 0 | 49 | 0 | 0.337 | 25.4 | 5.6 | 0 | 42.8113 | -78.8529 |
| 9/23/2016 8:05 | 12.74 | 71.32 | 0 | 0 | 0 | 0 | 0 | 0 | 50 | 0 | 0.337 | 25.2 | 5.7 | 0 | 42.8113 | -78.8529 |
| 9/23/2016 8:04 | 12.74 | 69.38 | 0 | 0 | 0 | 0 | 0 | 0 | 49 | 0 | 0.337 | 25.2 | 5.8 | 0 | 42.8113 | -78.8529 |
| 9/23/2016 8:03 | 12.74 | 65.63 | 0 | 0 | 0 | 0 | 0 | 0 | 49 | 0 | 0.337 | 25.3 | 5.9 | 0 | 42.8113 | -78.8529 |
| 9/23/2016 8:02 | 12.74 | 66.15 | 0 | 0 | 0 | 0 | 0 | 0 | 49 | 0 | 0.337 | 25.2 | 5.9 | 0 | 42.8113 | -78.8529 |
| 9/23/2016 8:01 | 12.73 | 72.35 | 0 | 0 | 0 | 0 | 0 | 0 | 50 | 0 | 0.337 | 25.2 | 6 | 0 | 42.8113 | -78.8529 |
| 9/23/2016 8:00 | 12.74 | 74.55 | 0 | 0 | 0 | 0 | 0 | 0 | 49 | 0 | 0.337 | 25.2 | 6.1 | 0 | 42.8113 | -78.8529 |
| 9/23/2016 7:59 | 12.74 | 66.93 | 0 | 0 | 0 | 0 | 0 | 0 | 49 | 0 | 0.337 | 25.1 | 6.2 | 0 | 42.8113 | -78.8529 |
| 9/23/2016 7:58 | 12.74 | 66.28 | 0 | 0 | 0 | 0 | 0 | 0 | 50 | 0 | 0.337 | 25.1 | 6.3 | 0 | 42.8113 | -78.8529 |

| Timestamp (GMT-4) | Batt. Voltage (V) | Current (mA) | Low (ppm) | Peak (ppm) | STEL (ppm) | TWA (ppm) | VOC (ppm) | VOC (Avg15) (ppm) | Humidity (%) | Mass (µg/m³) | Particle size (µm) | Temperature (°C) | TWA (µg/m³) | Mass (Avg15) (µg/m³) | Latitude | Longitude |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 9/23/2016 7:57 | 12.72 | 84.88 | 0 | 0 | 0 | 0 | 0 | 0 | 49 | 0 | 0.337 | 25 | 6.4 | 0 | 42.8113 | -78.8529 |
| 9/23/2016 7:56 | 12.74 | 67.96 | 0 | 0 | 0 | 0 | 0 | 0 | 50 | 0 | 0.337 | 25 | 6.5 | 0 | 42.8113 | -78.8529 |
| 9/23/2016 7:55 | 12.74 | 68.73 | 0 | 0 | 0 | 0 | 0 | 0 | 50 | 0 | 0.337 | 25.1 | 6.6 | 0 | 42.8113 | -78.8529 |
| 9/23/2016 7:54 | 12.74 | 68.73 | 0 | 0 | 0 | 0 | 0 | 0 | 50 | 0 | 0.337 | 25 | 6.7 | 0 | 42.8113 | -78.8529 |
| 9/23/2016 7:53 | 12.74 | 72.09 | 0 | 0 | 0 | 0 | 0 | 0 | 48 | 0 | 0.337 | 25 | 6.8 | 0 | 42.8113 | -78.8529 |
| 9/23/2016 7:52 | 12.74 | 73.13 | 0 | 0 | 0 | 0 | 0 | 0 | 49 | 0 | 0.337 | 24.9 | 6.9 | 0 | 42.8113 | -78.8529 |
| 9/23/2016 7:51 | 12.75 | 67.44 | 0 | 0 | 0 | 0 | 0 | 0 | 49 | 0 | 0.337 | 25 | 7 | 0 | 42.8113 | -78.8529 |
| 9/23/2016 7:50 | 12.74 | 68.09 | 0 | 0 | 0 | 0 | 0 | 0 | 48 | 0 | 0.337 | 25 | 7.1 | 0 | 42.8113 | -78.8529 |
| 9/23/2016 7:49 | 12.74 | 65.5 | 0 | 0 | 0 | 0 | 0 | 0 | 49 | 0 | 0.337 | 24.8 | 7.2 | 0 | 42.8113 | -78.8529 |
| 9/23/2016 7:48 | 12.75 | 67.83 | 0 | 0 | 0 | 0 | 0 | 0 | 49 | 0 | 0.337 | 24.8 | 7.3 | 0 | 42.8113 | -78.8528 |
| 9/23/2016 7:47 | 12.74 | 66.15 | 0 | 0 | 0 | 0 | 0 | 0 | 49 | 0 | 0.337 | 24.8 | 7.5 | 0 | 42.8113 | -78.8529 |
| 9/23/2016 7:46 | 12.72 | 83.59 | 0 | 0 | 0 | 0 | 0 | 0 | 49 | 0 | 0.337 | 24.8 | 7.6 | 0 | 42.8113 | -78.8529 |
| 9/23/2016 7:45 | 12.74 | 67.7 | 0 | 0 | 0 | 0 | 0 | 0 | 50 | 0 | 0.337 | 24.7 | 7.7 | 0 | 42.8113 | -78.8529 |
| 9/23/2016 7:44 | 12.72 | 83.72 | 0 | 0 | 0 | 0 | 0 | 0 | 49 | 0 | 0.337 | 24.8 | 7.8 | 0 | 42.8113 | -78.8529 |
| 9/23/2016 7:43 | 12.74 | 66.41 | 0 | 0 | 0 | 0 | 0 | 0 | 49 | 0 | 0.337 | 24.7 | 8 | 0 | 42.8113 | -78.8529 |
| 9/23/2016 7:42 | 12.74 | 67.83 | 0 | 0 | 0 | 0 | 0 | 0 | 48 | 0 | 0.337 | 24.8 | 8.1 | 0 | 42.8113 | -78.8529 |
| 9/23/2016 7:41 | 12.74 | 69.38 | 0 | 0 | 0 | 0 | 0 | 0 | 49 | 0 | 0.337 | 24.7 | 8.3 | 0 | 42.8113 | -78.8529 |
| 9/23/2016 7:40 | 12.74 | 69.9 | 0 | 0 | 0 | 0 | 0 | 0 | 49 | 0 | 0.337 | 24.6 | 8.5 | 0 | 42.8112 | -78.8529 |
| 9/23/2016 7:39 | 12.74 | 68.86 | 0 | 0 | 0 | 0 | 0 | 0 | 49 | 0 | 0.337 | 24.6 | 8.6 | 0 | 42.8113 | -78.8529 |
| 9/23/2016 7:38 | 12.75 | 70.28 | 0 | 0 | 0 | 0 | 0 | 0 | 49 | 0 | 0.337 | 24.6 | 8.8 | 0 | 42.8113 | -78.8528 |
| 9/23/2016 7:37 | 12.74 | 67.31 | 0 | 0 | 0 | 0 | 0 | 0 | 49 | 0 | 0.337 | 24.6 | 9 | 0 | 42.8113 | -78.8529 |
| 9/23/2016 7:36 | 12.74 | 67.7 | 0 | 0 | 0 | 0 | 0 | 0 | 49 | 0 | 0.337 | 24.5 | 9.2 | 0 | 42.8113 | -78.8529 |
| 9/23/2016 7:35 | 12.74 | 65.12 | 0 | 0 | 0 | 0 | 0 | 0 | 49 | 0 | 0.337 | 24.5 | 9.4 | 0 | 42.8113 | -78.8529 |
| 9/23/2016 7:34 | 12.74 | 67.31 | 0 | 0 | 0 | 0 | 0 | 0 | 49 | 0 | 0.337 | 24.5 | 9.6 | 0 | 42.8113 | -78.8529 |
| 9/23/2016 7:33 | 12.74 | 67.57 | 0 | 0 | 0 | 0 | 0 | 0 | 48 | 0 | 0.337 | 24.4 | 9.8 | 0 | 42.8113 | -78.8529 |
| 9/23/2016 7:32 | 12.74 | 70.93 | 0 | 0 | 0 | 0 | 0 | 0 | 48 | 0 | 0.337 | 24.4 | 10 | 0 | 42.8113 | -78.8529 |
| 9/23/2016 7:31 | 12.72 | 73 | 0 | 0 | 0 | 0 | 0 | 0 | 49 | 0 | 0.337 | 24.3 | 10.2 | 0 | 42.8113 | -78.8529 |
| 9/23/2016 7:30 | 12.74 | 66.8 | 0 | 0 | 0 | 0 | 0 | 0 | 49 | 0 | 0.337 | 24.3 | 10.5 | 0 | 42.8113 | -78.8529 |
| 9/23/2016 7:29 | 12.74 | 70.93 | 0 | 0 | 0 | 0 | 0 | 0 | 48 | 0 | 0.343 | 24.3 | 10.7 | 0 | 42.8113 | -78.8529 |
| 9/23/2016 7:28 | 12.73 | 68.35 | 0 | 0 | 0 | 0 | 0 | 0 | 48 | 0 | 0.337 | 24.3 | 11 | 0 | 42.8113 | -78.8528 |
| 9/23/2016 7:27 | 12.74 | 64.99 | 0 | 0 | 0 | 0 | 0 | 0 | 49 | 0 | 0.337 | 24.2 | 11.3 | 0 | 42.8113 | -78.8528 |
| 9/23/2016 7:26 | 12.73 | 71.06 | 0 | 0 | 0 | 0 | 0 | 0 | 49 | 0 | 0.349 | 24.2 | 11.6 | 0 | 42.8113 | -78.8529 |
| 9/23/2016 7:25 | 12.74 | 66.8 | 0 | 0 | 0 | 0 | 0 | 0 | 48 | 0 | 0.337 | 24.2 | 11.9 | 0 | 42.8113 | -78.8529 |
| 9/23/2016 7:24 | 12.74 | 71.06 | 0 | 0 | 0 | 0 | 0 | 0 | 49 | 0 | 0.337 | 24.1 | 12.2 | 0 | 42.8113 | -78.8528 |
| 9/23/2016 7:23 | 12.74 | 66.02 | 0 | 0 | 0 | 0 | 0 | 0 | 48 | 0 | 0.337 | 24.1 | 12.6 | 0 | 42.8113 | -78.8528 |
| 9/23/2016 7:22 | 12.73 | 68.09 | 0 | 0 | 0 | 0 | 0 | 0 | 47 | 0 | 0.337 | 24.1 | 13 | 0 | 42.8113 | -78.8528 |
| 9/23/2016 7:21 | 12.73 | 70.28 | 0 | 0 | 0 | 0 | 0 | 0 | 48 | 0 | 0.337 | 24 | 13.3 | 0 | 42.8113 | -78.8529 |
| 9/23/2016 7:20 | 12.72 | 76.36 | 0 | 0 | 0 | 0 | 0 | 0 | 47 | 0 | 0.337 | 24.1 | 13.7 | 0 | 42.8113 | -78.8528 |
| 9/23/2016 7:19 | 12.74 | 68.99 | 0 | 0 | 0 | 0 | 0 | 0 | 48 | 0 | 0.337 | 24 | 14.2 | 0 | 42.8113 | -78.8529 |
| 9/23/2016 7:18 | 12.72 | 70.28 | 0 | 0 | 0 | 0 | 0 | 0 | 48 | 0 | 0.337 | 24 | 14.7 | 0 | 42.8113 | -78.8528 |
| 9/23/2016 7:17 | 12.73 | 69.51 | 0 | 0 | 0 | 0 | 0 | 0 | 48 | 0 | 0.337 | 24 | 15.2 | 0 | 42.8113 | -78.8528 |
| 9/23/2016 7:16 | 12.72 | 70.54 | 0 | 0 | 0 | 0 | 0 | 0 | 48 | 0 | 0.337 | 24 | 15.7 | 0 | 42.8113 | -78.8529 |
| 9/23/2016 7:15 | 12.74 | 68.6 | 0 | 0 | 0 | 0 | 0 | 0 | 48 | 0 | 0.337 | 23.8 | 16.3 | 0.01 | 42.8113 | -78.8528 |
| 9/23/2016 7:14 | 12.72 | 69.64 | 0 | 0 | 0 | 0 | 0 | 0 | 48 | 0 | 0.337 | 23.9 | 17 | 0.01 | 42.8113 | -78.8528 |
| 9/23/2016 7:13 | 12.73 | 66.54 | 0 | 0 | 0 | 0 | 0 | 0 | 48 | 0 | 0.337 | 24 | 17.5 | 0.01 | 42.8113 | -78.8528 |
| 9/23/2016 7:12 | 12.72 | 69.38 | 0 | 0 | 0 | 0 | 0 | 0 | 47 | 0 | 0.337 | 23.8 | 18.3 | 0.01 | 42.8113 | -78.8529 |

| Timestamp (GMT-4) | Batt. Voltage (V) | Current (mA) | Low (ppm) | Peak (ppm) | STEL (ppm) | TWA (ppm) | VOC (ppm) | VOC (Avg15) (ppm) | Humidity (%) | Mass (µg/m³) | Particle size (µm) | Temperature (°C) | TWA (µg/m³) | Mass (Avg15) (µg/m³) | Latitude | Longitude |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 9/23/2016 7:11 | 12.71 | 83.46 | 0 | 0 | 0 | 0 | 0 | 0 | 47 | 0 | 0.337 | 23.8 | 19.1 | 0.01 | 42.8113 | -78.8528 |
| 9/23/2016 7:10 | 12.72 | 72.74 | 0 | 0 | 0 | 0 | 0 | 0 | 47 | 0 | 0.337 | 23.7 | 20 | 0.01 | 42.8113 | -78.8528 |
| 9/23/2016 7:09 | 12.72 | 70.28 | 0 | 0 | 0 | 0 | 0 | 0 | 47 | 0 | 0.337 | 23.7 | 20.9 | 0.01 | 42.8113 | -78.8529 |
| 9/23/2016 7:08 | 12.71 | 68.99 | 0 | 0 | 0 | 0 | 0 | 0 | 47 | 0 | 0.337 | 23.7 | 22.1 | 0.01 | 42.8113 | -78.8529 |
| 9/23/2016 7:07 | 12.72 | 65.37 | 0 | 0 | 0 | 0 | 0 | 0 | 47 | 0 | 0.337 | 23.7 | 23.2 | 0.01 | 42.8113 | -78.8529 |
| 9/23/2016 7:06 | 12.72 | 70.16 | 0 | 0 | 0 | 0 | 0 | 0 | 47 | 0 | 0.337 | 23.6 | 24.4 | 0.01 | 42.8113 | -78.8528 |
| 9/23/2016 7:05 | 12.72 | 65.76 | 0 | 0 | 0 | 0 | 0 | 0 | 47 | 0 | 0.337 | 23.6 | 25.8 | 0.03 | 42.8113 | -78.8529 |
| 9/23/2016 7:04 | 12.71 | 73.64 | 0 | 0 | 0 | 0 | 0 | 0 | 47 | 0 | 0.337 | 23.6 | 27.6 | 0.11 | 42.8113 | -78.8529 |
| 9/23/2016 7:03 | 12.71 | 67.83 | 0 | 0 | 0 | 0 | 0 | 0 | 46 | 0 | 0.337 | 23.5 | 29.3 | 0.12 | 42.8113 | -78.8529 |
| 9/23/2016 7:02 | 12.71 | 67.44 | 0 | 0 | 0 | 0 | 0 | 0 | 47 | 0 | 0.337 | 23.5 | 31.3 | 0.13 | 42.8113 | -78.8528 |
| 9/23/2016 7:01 | 12.72 | 66.41 | 0 | 0 | 0 | 0 | 0 | 0 | 46 | 0.1 | 0.337 | 23.6 | 33.6 | 0.14 | 42.8113 | -78.8528 |
| 9/23/2016 7:00 | 12.72 | 66.54 | 0 | 0 | 0 | 0 | 0 | 0 | 46 | 0 | 0.337 | 23.5 | 36.4 | 0.15 | 42.8113 | -78.8528 |
| 9/23/2016 6:59 | 12.72 | 69.64 | 0 | 0 | 0 | 0 | 0 | 0 | 47 | 0 | 0.337 | 23.4 | 39.7 | 0.16 | 42.8113 | -78.8529 |
| 9/23/2016 6:58 | 12.7 | 70.67 | 0 | 0 | 0 | 0 | 0 | 0 | 46 | 0 | 0.337 | 23.3 | 43.6 | 0.18 | 42.8113 | -78.8528 |
| 9/23/2016 6:57 | 12.7 | 71.45 | 0 | 0 | 0 | 0 | 0 | 0 | 46 | 0 | 0.337 | 23.4 | 48.8 | 0.2 | 42.8113 | -78.8528 |
| 9/23/2016 6:56 | 12.7 | 76.23 | 0 | 0 | 0 | 0 | 0 | 0 | 46 | 0 | 0.337 | 23.3 | 55.5 | 0.23 | 42.8113 | -78.8528 |
| 9/23/2016 6:55 | 12.7 | 68.73 | 0 | 0 | 0 | 0 | 0 | 0 | 46 | 0 | 0.337 | 23.5 | 63.5 | 0.27 | 42.8113 | -78.8528 |
| 9/23/2016 6:54 | 12.7 | 66.67 | 0 | 0 | 0 | 0 | 0 | 0 | 46 | 0.1 | 0.337 | 23.4 | 74.2 | 0.32 | 42.8113 | -78.8528 |
| 9/23/2016 6:53 | 12.7 | 64.86 | 0 | 0 | 0 | 0 | 0 | 0 | 46 | 0 | 0.337 | 23.2 | 89.2 | 0.37 | 42.8113 | -78.8528 |
| 9/23/2016 6:52 | 12.68 | 77.39 | 0 | 0 | 0 | 0 | 0 | 0 | 46 | 0 | 0.337 | 23.3 | 111.7 | 0.5 | 42.8113 | -78.8528 |
| 9/23/2016 6:51 | 12.7 | 71.32 | 0 | 0 | 0 | 0 | 0 | 0 | 46 | 0.2 | 0.448 | 23.3 | 145.6 | 0.75 | 42.8113 | -78.8528 |
| 9/23/2016 6:50 | 12.67 | 103.49 | 0 | 0 | 0 | 0 | 0 | 0 | 47 | 1.3 | 0.703 | 23.2 | 199.2 | 1.3 | 42.8113 | -78.8528 |

| Timestamp (GMT-4) | Batt. Voltage (V) | Current (mA) | Low (ppm) | Peak (ppm) | STEL (ppm) | TWA (ppm) | VOC (ppm) | VOC (Avg15) (ppm) | Humidity (%) | Mass (µg/m³) | Particle size (µm) | Temperature (℃) | TWA (µg/m³) | Mass (Avg15) (µg/m³) | Latitude | Longitude |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 9/24/2016 12:16 | 12.61 | 68.6 | 0 | 0 | 0 | 0 | 0 | 0 | 42 | 10.9 | 4 | 21.2 | 29.5 | 8.77 | 42.8099 | -78.8555 |
| 9/24/2016 12:15 | 12.6 | 73.9 | 0 | 0 | 0 | 0 | 0 | 0 | 43 | 2.3 | 0.429 | 21.1 | 29.7 | 8.43 | 42.8099 | -78.8555 |
| 9/24/2016 12:14 | 12.61 | 75.45 | 0 | 0 | 0 | 0 | 0 | 0 | 42 | 5.7 | 0.601 | 21.2 | 30 | 9.88 | 42.8099 | -78.8555 |
| 9/24/2016 12:13 | 12.6 | 77 | 0 | 0 | 0 | 0 | 0 | 0 | 43 | 33.4 | 4 | 21.2 | 30.2 | 10.93 | 42.8099 | -78.8555 |
| 9/24/2016 12:12 | 12.6 | 74.29 | 0 | 0 | 0 | 0 | 0 | 0 | 43 | 2.2 | 0.529 | 21.2 | 30.4 | 8.97 | 42.8099 | -78.8555 |
| 9/24/2016 12:11 | 12.61 | 67.96 | 0 | 0 | 0 | 0 | 0 | 0 | 42 | 2 | 0.46 | 21.2 | 30.7 | 9.28 | 42.8099 | -78.8555 |
| 9/24/2016 12:10 | 12.62 | 68.73 | 0 | 0 | 0 | 0 | 0 | 0 | 42 | 4.5 | 0.947 | 21.1 | 31 | 9.25 | 42.81 | -78.8555 |
| 9/24/2016 12:09 | 12.61 | 70.93 | 0 | 0 | 0 | 0 | 0 | 0 | 42 | 17 | 4 | 21.1 | 31.2 | 9.04 | 42.81 | -78.8555 |
| 9/24/2016 12:08 | 12.62 | 68.99 | 0 | 0 | 0 | 0 | 0 | 0 | 43 | 2.5 | 0.545 | 21.1 | 31.4 | 8.74 | 42.81 | -78.8555 |
| 9/24/2016 12:07 | 12.61 | 69.25 | 0 | 0 | 0 | 0 | 0 | 0 | 43 | 2.9 | 0.638 | 21.2 | 31.7 | 8.7 | 42.81 | -78.8555 |
| 9/24/2016 12:06 | 12.59 | 81.78 | 0 | 0 | 0 | 0 | 0 | 0 | 44 | 3.1 | 0.863 | 21.2 | 32 | 8.53 | 42.8099 | -78.8555 |
| 9/24/2016 12:05 | 12.61 | 70.16 | 0 | 0 | 0 | 0 | 0 | 0 | 44 | 2.2 | 1.263 | 21.2 | 32.3 | 8.38 | 42.8099 | -78.8555 |
| 9/24/2016 12:04 | 12.62 | 67.44 | 0 | 0 | 0 | 0 | 0 | 0 | 43 | 14.8 | 4 | 21.2 | 32.6 | 8.44 | 42.8099 | -78.8555 |
| 9/24/2016 12:03 | 12.62 | 68.86 | 0 | 0 | 0 | 0 | 0 | 0 | 44 | 12.8 | 4 | 21.2 | 33 | 7.54 | 42.8099 | -78.8555 |
| 9/24/2016 12:02 | 12.63 | 66.41 | 0 | 0 | 0 | 0 | 0 | 0 | 43 | 15.3 | 1.719 | 21.1 | 33.2 | 6.82 | 42.8099 | -78.8555 |
| 9/24/2016 12:01 | 12.61 | 71.06 | 0 | 0 | 0 | 0 | 0 | 0 | 43 | 5.8 | 0.975 | 21.1 | 33.3 | 6.19 | 42.8098 | -78.8555 |
| 9/24/2016 12:00 | 12.62 | 72.61 | 0 | 0 | 0 | 0 | 0 | 0 | 43 | 24 | 4 | 21.2 | 33.5 | 5.9 | 42.8098 | -78.8554 |
| 9/24/2016 11:59 | 12.63 | 66.15 | 0 | 0 | 0 | 0 | 0 | 0 | 43 | 21.5 | 4 | 21.2 | 33.6 | 4.61 | 42.8099 | -78.8555 |
| 9/24/2016 11:58 | 12.63 | 65.63 | 0 | 0 | 0 | 0 | 0 | 0 | 43 | 3.9 | 4 | 21.2 | 33.6 | 3.7 | 42.8099 | -78.8555 |
| 9/24/2016 11:57 | 12.61 | 68.35 | 0 | 0 | 0 | 0 | 0 | 0 | 44 | 6.9 | 1.029 | 21.1 | 33.9 | 3.6 | 42.8099 | -78.8555 |
| 9/24/2016 11:56 | 12.62 | 67.7 | 0 | 0 | 0 | 0 | 0 | 0 | 43 | 1.5 | 0.442 | 21.2 | 34.1 | 3.38 | 42.8099 | -78.8555 |
| 9/24/2016 11:55 | 12.62 | 72.22 | 0 | 0 | 0 | 0 | 0 | 0 | 43 | 1.4 | 0.408 | 21.2 | 34.5 | 3.49 | 42.8099 | -78.8555 |
| 9/24/2016 11:54 | 12.62 | 68.09 | 0 | 0 | 0 | 0 | 0 | 0 | 43 | 12.5 | 4 | 21.3 | 34.8 | 3.51 | 42.8099 | -78.8555 |
| 9/24/2016 11:53 | 12.61 | 73.51 | 0 | 0 | 0 | 0 | 0 | 0 | 44 | 1.9 | 0.539 | 21.2 | 35.2 | 2.87 | 42.8099 | -78.8554 |
| 9/24/2016 11:52 | 12.63 | 68.48 | 0 | 0 | 0 | 0 | 0 | 0 | 43 | 0.3 | 0.395 | 21.3 | 35.6 | 2.8 | 42.8099 | -78.8554 |
| 9/24/2016 11:51 | 12.61 | 77.91 | 0 | 0 | 0 | 0 | 0 | 0 | 43 | 0.9 | 0.337 | 21.3 | 36.1 | 2.89 | 42.81 | -78.8554 |
| 9/24/2016 11:50 | 12.63 | 66.02 | 0 | 0 | 0 | 0 | 0 | 0 | 43 | 3.1 | 1.067 | 21.3 | 36.6 | 3.31 | 42.81 | -78.8554 |
| 9/24/2016 11:49 | 12.63 | 66.41 | 0 | 0 | 0 | 0 | 0 | 0 | 43 | 1.3 | 0.749 | 21.3 | 37 | 3.17 | 42.81 | -78.8555 |
| 9/24/2016 11:48 | 12.62 | 70.03 | 0 | 0 | 0 | 0 | 0 | 0 | 44 | 2 | 0.366 | 21.3 | 37.5 | 3.12 | 42.81 | -78.8555 |
| 9/24/2016 11:47 | 12.61 | 75.84 | 0 | 0 | 0 | 0 | 0 | 0 | 43 | 5.8 | 1.151 | 21.2 | 38 | 3.1 | 42.81 | -78.8555 |
| 9/24/2016 11:46 | 12.63 | 72.22 | 0 | 0 | 0 | 0 | 0 | 0 | 43 | 1.5 | 0.589 | 21.4 | 38.4 | 2.81 | 42.81 | -78.8555 |
| 9/24/2016 11:45 | 12.61 | 68.73 | 0 | 0 | 0 | 0 | 0 | 0 | 43 | 4.7 | 0.684 | 21.4 | 38.8 | 2.79 | 42.81 | -78.8555 |
| 9/24/2016 11:44 | 12.63 | 71.83 | 0 | 0 | 0 | 0 | 0 | 0 | 42 | 7.8 | 4 | 21.4 | 39.1 | 2.54 | 42.8099 | -78.8555 |
| 9/24/2016 11:43 | 12.63 | 66.41 | 0 | 0 | 0 | 0 | 0 | 0 | 43 | 2.4 | 0.353 | 21.4 | 39.5 | 2.23 | 42.8099 | -78.8555 |
| 9/24/2016 11:42 | 12.62 | 67.18 | 0 | 0 | 0 | 0 | 0 | 0 | 42 | 3.6 | 1.542 | 21.5 | 39.9 | 2.57 | 42.8099 | -78.8555 |
| 9/24/2016 11:41 | 12.62 | 71.83 | 0 | 0 | 0 | 0 | 0 | 0 | 42 | 3.1 | 0.687 | 21.4 | 40.4 | 2.91 | 42.8099 | -78.8555 |
| 9/24/2016 11:40 | 12.62 | 71.71 | 0 | 0 | 0 | 0 | 0 | 0 | 43 | 1.7 | 0.476 | 21.5 | 41.1 | 2.79 | 42.8099 | -78.8555 |
| 9/24/2016 11:39 | 12.63 | 71.19 | 0 | 0 | 0 | 0 | 0 | 0 | 43 | 3 | 0.89 | 21.5 | 41.6 | 2.85 | 42.8099 | -78.8555 |
| 9/24/2016 11:38 | 12.61 | 73.13 | 0 | 0 | 0 | 0 | 0 | 0 | 42 | 0.8 | 0.445 | 21.5 | 42.2 | 3.07 | 42.8099 | -78.8555 |
| 9/24/2016 11:37 | 12.62 | 72.74 | 0 | 0 | 0 | 0 | 0 | 0 | 43 | 1.7 | 0.433 | 21.5 | 43 | 3.14 | 42.8099 | -78.8555 |
| 9/24/2016 11:36 | 12.62 | 70.8 | 0 | 0 | 0 | 0 | 0 | 0 | 42 | 7.2 | 1.484 | 21.6 | 43.6 | 3.24 | 42.8099 | -78.8555 |
| 9/24/2016 11:35 | 12.63 | 67.31 | 0 | 0 | 0 | 0 | 0 | 0 | 43 | 1 | 0.459 | 21.6 | 43.4 | 3.28 | 42.8099 | -78.8555 |
| 9/24/2016 11:34 | 12.62 | 73.13 | 0 | 0 | 0 | 0 | 0 | 0 | 44 | 0.5 | 0.337 | 21.6 | 44.1 | 3.52 | 42.8099 | -78.8555 |
| 9/24/2016 11:33 | 12.63 | 69.12 | 0 | 0 | 0 | 0 | 0 | 0 | 43 | 1.7 | 0.57 | 21.6 | 44.8 | 3.63 | 42.8099 | -78.8555 |
| 9/24/2016 11:32 | 12.63 | 70.28 | 0 | 0 | 0 | 0 | 0 | 0 | 43 | 1.5 | 0.78 | 21.6 | 45.6 | 3.62 | 42.81 | -78.8555 |
| 9/24/2016 11:31 | 12.6 | 82.95 | 0 | 0 | 0 | 0 | 0 | 0 | 43 | 1.2 | 0.338 | 21.7 | 46.3 | 3.65 | 42.81 | -78.8555 |

| Timestamp (GMT-4) | Batt. Voltage (V) | Current (mA) | Low (ppm) | Peak (ppm) | STEL (ppm) | TWA (ppm) | VOC (ppm) | VOC (Avg15) (ppm) | Humidity (%) | Mass (µg/m³) | Particle size (µm) | Temperature (°C) | TWA (µg/m³) | Mass (Avg15) (µg/m³) | Latitude | Longitude |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 9/24/2016 11:30 | 12.63 | 67.96 | 0 | 0 | 0 | 0 | 0 | 0 | 43 | 0.9 | 0.364 | 21.7 | 47.1 | 3.89 | 42.8099 | -78.8555 |
| 9/24/2016 11:29 | 12.63 | 67.83 | 0 | 0 | 0 | 0 | 0 | 0 | 43 | 3.2 | 1.99 | 21.7 | 47.9 | 4.33 | 42.8099 | -78.8555 |
| 9/24/2016 11:28 | 12.63 | 66.67 | 0 | 0 | 0 | 0 | 0 | 0 | 43 | 7.5 | 4 | 21.7 | 48.7 | 4.51 | 42.8099 | -78.8555 |
| 9/24/2016 11:27 | 12.63 | 66.8 | 0 | 0 | 0 | 0 | 0 | 0 | 43 | 8.7 | 0.833 | 21.7 | 49.6 | 6.29 | 42.81 | -78.8555 |
| 9/24/2016 11:26 | 12.63 | 67.96 | 0 | 0 | 0 | 0 | 0 | 0 | 43 | 1.3 | 0.365 | 21.7 | 50.3 | 5.95 | 42.81 | -78.8555 |
| 9/24/2016 11:25 | 12.63 | 65.89 | 0 | 0 | 0 | 0 | 0 | 0 | 43 | 2.5 | 0.776 | 21.8 | 51.2 | 6.72 | 42.81 | -78.8555 |
| 9/24/2016 11:24 | 12.63 | 67.57 | 0 | 0 | 0 | 0 | 0 | 0 | 42 | 6.3 | 1.583 | 21.8 | 52.1 | 6.69 | 42.8099 | -78.8555 |
| 9/24/2016 11:23 | 12.63 | 70.54 | 0 | 0 | 0 | 0 | 0 | 0 | 43 | 1.9 | 0.51 | 21.7 | 53.1 | 6.47 | 42.8098 | -78.8554 |
| 9/24/2016 11:22 | 12.61 | 71.83 | 0 | 0 | 0 | 0 | 0 | 0 | 43 | 3.2 | 0.877 | 21.8 | 54.2 | 6.59 | 42.8098 | -78.8554 |
| 9/24/2016 11:21 | 12.63 | 73.51 | 0 | 0 | 0 | 0 | 0 | 0 | 42 | 7.8 | 0.971 | 21.8 | 55.2 | 6.55 | 42.8099 | -78.8554 |
| 9/24/2016 11:20 | 12.61 | 78.04 | 0 | 0 | 0 | 0 | 0 | 0 | 42 | 4.6 | 0.987 | 21.8 | 56.3 | 6.2 | 42.8098 | -78.8554 |
| 9/24/2016 11:19 | 12.63 | 71.06 | 0 | 0 | 0 | 0 | 0 | 0 | 43 | 2.2 | 0.466 | 21.8 | 57.4 | 6.06 | 42.8099 | -78.8555 |
| 9/24/2016 11:18 | 12.61 | 82.43 | 0 | 0 | 0 | 0 | 0 | 0 | 43 | 1.5 | 0.859 | 21.7 | 58.6 | 6.03 | 42.8099 | -78.8555 |
| 9/24/2016 11:17 | 12.62 | 73.26 | 0 | 0 | 0 | 0 | 0 | 0 | 43 | 2 | 0.337 | 21.9 | 59.9 | 6.82 | 42.8098 | -78.8554 |
| 9/24/2016 11:16 | 12.61 | 78.68 | 0 | 0 | 0 | 0 | 0 | 0 | 44 | 4.8 | 0.841 | 21.8 | 61.3 | 6.81 | 42.8098 | -78.8554 |
| 9/24/2016 11:15 | 12.63 | 67.18 | 0 | 0 | 0 | 0 | 0 | 0 | 43 | 7.5 | 1.109 | 21.8 | 62.6 | 6.78 | 42.8098 | -78.8554 |
| 9/24/2016 11:14 | 12.62 | 73.13 | 0 | 0 | 0 | 0 | 0 | 0 | 44 | 5.9 | 4 | 21.9 | 64 | 7.15 | 42.8099 | -78.8555 |
| 9/24/2016 11:13 | 12.63 | 68.22 | 0 | 0 | 0 | 0 | 0 | 0 | 44 | 34.1 | 4 | 21.9 | 65.4 | 7.05 | 42.8098 | -78.8554 |
| 9/24/2016 11:12 | 12.62 | 69.9 | 0 | 0 | 0 | 0 | 0 | 0 | 43 | 3.7 | 0.546 | 22 | 66.6 | 4.95 | 42.8099 | -78.8554 |
| 9/24/2016 11:11 | 12.62 | 71.32 | 0 | 0 | 0 | 0 | 0 | 0 | 44 | 12.8 | 4 | 21.9 | 68.1 | 7.23 | 42.8099 | -78.8555 |
| 9/24/2016 11:10 | 12.61 | 73.77 | 0 | 0 | 0 | 0 | 0 | 0 | 44 | 2.1 | 0.845 | 22 | 69.7 | 6.65 | 42.8099 | -78.8555 |
| 9/24/2016 11:09 | 12.63 | 68.35 | 0 | 0 | 0 | 0 | 0 | 0 | 45 | 3 | 1.065 | 22 | 71.6 | 7.87 | 42.8099 | -78.8555 |
| 9/24/2016 11:08 | 12.63 | 69.51 | 0 | 0 | 0 | 0 | 0 | 0 | 45 | 3.6 | 0.8 | 22 | 73.8 | 8.63 | 42.8099 | -78.8555 |
| 9/24/2016 11:07 | 12.63 | 67.44 | 0 | 0 | 0 | 0 | 0 | 0 | 44 | 2.7 | 0.575 | 22 | 75.5 | 8.46 | 42.8099 | -78.8554 |
| 9/24/2016 11:06 | 12.61 | 69.64 | 0 | 0 | 0 | 0 | 0 | 0 | 44 | 2.5 | 0.497 | 22 | 77.7 | 8.51 | 42.8099 | -78.8555 |
| 9/24/2016 11:05 | 12.62 | 67.31 | 0 | 0 | 0 | 0 | 0 | 0 | 44 | 2.5 | 0.708 | 22 | 80.4 | 8.65 | 42.8099 | -78.8555 |
| 9/24/2016 11:04 | 12.62 | 68.22 | 0 | 0 | 0 | 0 | 0 | 0 | 44 | 1.7 | 0.554 | 22.1 | 82.5 | 8.91 | 42.8099 | -78.8555 |
| 9/24/2016 11:03 | 12.62 | 66.02 | 0 | 0 | 0 | 0 | 0 | 0 | 44 | 13.4 | 4 | 22 | 85.4 | 8.95 | 42.81 | -78.8555 |
| 9/24/2016 11:02 | 12.61 | 70.03 | 0 | 0 | 0 | 0 | 0 | 0 | 43 | 1.9 | 0.558 | 22.1 | 88 | 8.14 | 42.81 | -78.8555 |
| 9/24/2016 11:01 | 12.62 | 67.96 | 0 | 0 | 0 | 0 | 0 | 0 | 44 | 4.3 | 0.69 | 22 | 91.5 | 8.1 | 42.8099 | -78.8554 |
| 9/24/2016 11:00 | 12.61 | 70.8 | 0 | 0 | 0 | 0 | 0 | 0 | 44 | 13 | 4 | 22 | 94.3 | 8.18 | 42.8099 | -78.8554 |
| 9/24/2016 10:59 | 12.61 | 68.6 | 0 | 0 | 0 | 0 | 0 | 0 | 43 | 4.5 | 1.083 | 22 | 97.5 | 7.39 | 42.8099 | -78.8555 |
| 9/24/2016 10:58 | 12.61 | 69.9 | 0 | 0 | 0 | 0 | 0 | 0 | 44 | 2.5 | 0.715 | 22 | 101.5 | 7.29 | 42.8099 | -78.8555 |
| 9/24/2016 10:57 | 12.59 | 77.91 | 0 | 0 | 0 | 0 | 0 | 0 | 44 | 38 | 4 | 22.1 | 105.8 | 9.41 | 42.81 | -78.8555 |
| 9/24/2016 10:56 | 12.58 | 83.46 | 0 | 0 | 0 | 0 | 0 | 0 | 44 | 4.1 | 1.22 | 22 | 109.2 | 9.49 | 42.81 | -78.8555 |
| 9/24/2016 10:55 | 12.6 | 69.77 | 0 | 0 | 0 | 0 | 0 | 0 | 43 | 20.3 | 4 | 22.1 | 111.4 | 13.26 | 42.8099 | -78.8555 |
| 9/24/2016 10:54 | 12.61 | 67.7 | 0 | 0 | 0 | 0 | 0 | 0 | 44 | 14.5 | 4 | 22.1 | 116.5 | 12.15 | 42.8099 | -78.8555 |
| 9/24/2016 10:53 | 12.62 | 71.19 | 0 | 0 | 0 | 0 | 0 | 0 | 44 | 1 | 0.442 | 22.1 | 122.6 | 11.54 | 42.8099 | -78.8555 |
| 9/24/2016 10:52 | 12.71 | 80.88 | 0 | 0 | 0 | 0 | 0 | 0 | 43 | 3.5 | 4 | 22.1 | 127.8 | 16.21 | 42.8099 | -78.8555 |
| 9/24/2016 10:51 | 12.74 | 66.67 | 0 | 0 | 0 | 0 | 0 | 0 | 44 | 4.5 | 0.677 | 22.1 | 134.7 | 17.23 | 42.8099 | -78.8555 |
| 9/24/2016 10:50 | 12.74 | 66.93 | 0 | 0 | 0 | 0 | 0 | 0 | 43 | 6.5 | 3.177 | 22.1 | 142.7 | 17.19 | 42.8099 | -78.8555 |
| 9/24/2016 10:49 | 12.7 | 85.27 | 0 | 0 | 0 | 0 | 0 | 0 | 43 | 2.2 | 0.404 | 22.1 | 150.5 | 18.81 | 42.8099 | -78.8554 |
| 9/24/2016 10:48 | 12.74 | 68.48 | 0 | 0 | 0 | 0 | 0 | 0 | 43 | 1.3 | 0.59 | 22.1 | 160.2 | 39.63 | 42.8099 | -78.8554 |
| 9/24/2016 10:47 | 12.74 | 67.7 | 0 | 0 | 0 | 0 | 0 | 0 | 43 | 1.3 | 0.457 | 22.1 | 172.4 | 63.04 | 42.8099 | -78.8554 |
| 9/24/2016 10:46 | 12.74 | 68.22 | 0 | 0 | 0 | 0 | 0 | 0 | 43 | 5.5 | 0.424 | 22.1 | 184.2 | 67.45 | 42.8099 | -78.8554 |
| 9/24/2016 10:45 | 12.74 | 70.41 | 0 | 0 | 0 | 0 | 0 | 0 | 44 | 1.2 | 0.351 | 22.2 | 198.4 | 72.22 | 42.8099 | -78.8554 |

| Timestamp (GMT-4) | Batt. Voltage (V) | Current (mA) | Low (ppm) | Peak (ppm) | STEL (ppm) | TWA (ppm) | VOC (ppm) | VOC (Avg15) (ppm) | Humidity (%) | Mass (µg/m³) | Particle size (µm) | Temperature (°C) | TWA (µg/m³) | Mass (Avg15) (µg/m³) | Latitude | Longitude |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 9/24/2016 10:44 | 12.74 | 70.93 | 0 | 0 | 0 | 0 | 0 | 0 | 44 | 2.9 | 0.375 | 22.1 | 217.7 | 78.13 | 42.8099 | -78.8555 |
| 9/24/2016 10:43 | 12.74 | 71.45 | 0 | 0 | 0 | 0 | 0 | 0 | 44 | 34.3 | 4 | 22.2 | 240.6 | 84.97 | 42.8099 | -78.8554 |
| 9/24/2016 10:42 | 12.75 | 66.54 | 0 | 0 | 0 | 0 | 0 | 0 | 44 | 39.3 | 4 | 22.2 | 253.6 | 90.04 | 42.8099 | -78.8555 |
| 9/24/2016 10:41 | 12.74 | 66.02 | 0 | 0 | 0 | 0 | 0 | 0 | 44 | 60.6 | 4 | 22.2 | 243.6 | 104.17 | 42.8099 | -78.8555 |
| 9/24/2016 10:40 | 12.71 | 86.56 | 0 | 0 | 0 | 0 | 0 | 0 | 43 | 3.7 | 0.526 | 22.1 | 275.9 | 109.01 | 42.81 | -78.8555 |
| 9/24/2016 10:39 | 12.74 | 72.74 | 0 | 0 | 0 | 0 | 0 | 0 | 43 | 5.3 | 4 | 22.2 | 319.4 | 122.17 | 42.81 | -78.8555 |
| 9/24/2016 10:38 | 12.74 | 71.96 | 0 | 0 | 0 | 0 | 0 | 0 | 44 | 71 | 4 | 22.2 | 378.3 | 138.87 | 42.81 | -78.8555 |
| 9/24/2016 10:37 | 12.74 | 67.96 | 0 | 0 | 0 | 0 | 0 | 0 | 44 | 18.9 | 4 | 22.2 | 422.1 | 150.18 | 42.81 | -78.8554 |
| 9/24/2016 10:36 | 12.74 | 66.15 | 0 | 0 | 0 | 0 | 0 | 0 | 45 | 3.8 | 0.967 | 22.3 | 553.4 | 176.44 | 42.81 | -78.8554 |
| 9/24/2016 10:35 | 12.73 | 68.6 | 0 | 0 | 0 | 0 | 0 | 0 | 45 | 30.9 | 4 | 22.3 | 834.7 | 219.6 | 42.81 | -78.8554 |
| 9/24/2016 10:34 | 12.71 | 66.93 | 0 | 0 | 0 | 0 | 0 | 0 | 45 | 314.5 | 4 | 22.3 | 1278.9 | 282.5 | 42.81 | -78.8555 |
| 9/24/2016 10:33 | 12.62 | 70.16 | 0 | 0 | 0 | 0 | 0 | 0 | 46 | 352.4 | 4 | 22.3 | 304.1 | 266.5 | 42.81 | -78.8555 |
| 9/24/2016 10:32 | 12.61 | 67.7 | 0 | 0 | 0 | 0 | 0 | 0 |  |  |  |  | 0 |  | 42.81 | -78.8555 |
| 9/24/2016 10:31 | 12.76 | 67.83 | 0 | 0 | 0 | 0 | 0 | 0 |  |  |  |  | 0 |  | 42.8099 | -78.8553 |
| 9/24/2016 10:30 | 12.62 | 71.45 | 0 | 0 | 0 | 0 | 0 | 0 |  |  |  |  | 0 |  |  |  |
| 9/24/2016 10:29 | 12.59 | 72.22 | 0 | 0 | 0 | 0 | 0 | 0 |  |  |  |  | 0 |  |  |  |
| 9/24/2016 10:28 | 12.66 | 74.16 | 0 | 0 | 0 | 0 | 0 | 0 |  |  |  |  |  |  |  |  |
| 9/24/2016 10:27 | 12.68 | 118.09 | 0 | 0 | 0 | 0 | 0 | 0 | 46 | 180.6 | 4 | 22.8 | 157.4 | 180.6 |  |  |

| Timestamp (GMT-4) | Batt. Voltage (V) | Current (mA) | Low (ppm) | Peak (ppm) | STEL (ppm) | TWA (ppm) | VOC (ppm) | VOC (Avg15) (ppm) | Humidity (%) | Mass (µg/m³) | Particle size (µm) | Temperature (℃) | TWA (µg/m³) | Mass (Avg15) (µg/m³) | Latitude | Longitude |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 9/26/2016 14:43 | 12.51 | 79.07 | 0 | 0.029 | 0 | 0 | 0 | 0 | 39 | 16 | 4 | 27.3 | 15.6 | 5.57 | 42.8104 | -78.8555 |
| 9/26/2016 14:42 | 12.52 | 73.39 | 0 | 0.029 | 0 | 0 | 0 | 0 | 40 | 7.9 | 2.586 | 27.3 | 15.6 | 4.71 | 42.81 | -78.8553 |
| 9/26/2016 14:41 | 12.52 | 69.77 | 0 | 0.029 | 0 | 0 | 0 | 0 | 39 | 8.7 | 3.085 | 27.3 | 15.6 | 4.37 | 42.8103 | -78.8556 |
| 9/26/2016 14:40 | 12.53 | 70.03 | 0 | 0.029 | 0 | 0 | 0 | 0 | 38 | 4.3 | 1.086 | 27.3 | 15.6 | 3.99 | 42.8103 | -78.8557 |
| 9/26/2016 14:39 | 12.52 | 78.81 | 0 | 0.029 | 0 | 0 | 0 | 0 | 36 | 14.9 | 4 | 27.3 | 15.6 | 3.91 | 42.8103 | -78.8558 |
| 9/26/2016 14:38 | 12.52 | 75.58 | 0 | 0.029 | 0 | 0 | 0 | 0 | 36 | 3.6 | 0.449 | 27.3 | 15.6 | 3.1 | 42.8103 | -78.8553 |
| 9/26/2016 14:37 | 12.52 | 77.52 | 0 | 0.029 | 0 | 0 | 0 | 0 | 36 | 2.8 | 0.509 | 27.3 | 15.7 | 3.11 | 42.8104 | -78.855 |
| 9/26/2016 14:36 | 12.51 | 86.95 | 0 | 0.029 | 0 | 0 | 0 | 0 | 36 | 3 | 0.454 | 27.4 | 15.7 | 3.17 | 42.8105 | -78.855 |
| 9/26/2016 14:35 | 12.52 | 77.52 | 0 | 0.029 | 0 | 0 | 0 | 0 | 36 | 2.6 | 0.46 | 27.3 | 15.7 | 3.23 | 42.8105 | -78.855 |
| 9/26/2016 14:34 | 12.52 | 72.87 | 0 | 0.029 | 0 | 0 | 0 | 0 | 36 | 2.7 | 0.45 | 27.3 | 15.8 | 3.34 | 42.8105 | -78.855 |
| 9/26/2016 14:33 | 12.52 | 74.94 | 0 | 0.029 | 0 | 0 | 0 | 0 | 37 | 4 | 0.506 | 27.2 | 15.8 | 3.49 | 42.8105 | -78.8549 |
| 9/26/2016 14:32 | 12.53 | 70.54 | 0 | 0.029 | 0 | 0 | 0 | 0 | 37 | 3.3 | 0.495 | 27.2 | 15.8 | 4.05 | 42.8104 | -78.8549 |
| 9/26/2016 14:31 | 12.52 | 77.78 | 0 | 0.029 | 0 | 0 | 0 | 0 | 37 | 3.5 | 0.572 | 27.2 | 15.8 | 4.39 | 42.8104 | -78.8549 |
| 9/26/2016 14:30 | 12.52 | 69.77 | 0 | 0.029 | 0 | 0 | 0 | 0 | 37 | 2.9 | 0.441 | 27.2 | 15.9 | 4.4 | 42.8104 | -78.8549 |
| 9/26/2016 14:29 | 12.53 | 69.9 | 0 | 0.029 | 0 | 0 | 0 | 0 | 38 | 3.4 | 0.564 | 27.2 | 15.9 | 4.45 | 42.8104 | -78.8549 |
| 9/26/2016 14:28 | 12.52 | 78.55 | 0 | 0.029 | 0 | 0 | 0 | 0 | 38 | 3 | 0.466 | 27.2 | 15.9 | 4.45 | 42.8104 | -78.8549 |
| 9/26/2016 14:27 | 12.53 | 65.25 | 0 | 0.029 | 0 | 0 | 0 | 0 | 38 | 2.9 | 0.426 | 27.3 | 16 | 4.47 | 42.8104 | -78.8549 |
| 9/26/2016 14:26 | 12.52 | 77.78 | 0 | 0.029 | 0 | 0 | 0 | 0 | 39 | 3 | 0.506 | 27.3 | 16 | 4.54 | 42.8104 | -78.855 |
| 9/26/2016 14:25 | 12.53 | 71.58 | 0 | 0.029 | 0 | 0 | 0 | 0 | 39 | 3.1 | 0.464 | 27.3 | 16 | 4.59 | 42.8104 | -78.855 |
| 9/26/2016 14:24 | 12.52 | 78.42 | 0 | 0.029 | 0 | 0 | 0 | 0 | 39 | 2.7 | 0.591 | 27.2 | 16 | 4.64 | 42.8104 | -78.8549 |
| 9/26/2016 14:23 | 12.53 | 68.6 | 0 | 0.029 | 0 | 0 | 0 | 0 | 40 | 3.8 | 1.116 | 27.3 | 16.1 | 4.71 | 42.8104 | -78.8549 |
| 9/26/2016 14:22 | 12.52 | 70.28 | 0 | 0.029 | 0 | 0 | 0 | 0 | 41 | 3.6 | 0.632 | 27.3 | 16.1 | 4.73 | 42.8104 | -78.8549 |
| 9/26/2016 14:21 | 12.52 | 71.32 | 0 | 0.029 | 0 | 0 | 0 | 0 | 42 | 4 | 0.615 | 27.2 | 16.1 | 4.79 | 42.8108 | -78.8543 |
| 9/26/2016 14:20 | 12.52 | 71.83 | 0 | 0.029 | 0 | 0 | 0 | 0 | 43 | 4.2 | 0.575 | 27.2 | 16.2 | 4.79 | 42.8108 | -78.8543 |
| 9/26/2016 14:19 | 12.52 | 73.77 | 0 | 0.029 | 0 | 0 | 0 | 0 | 44 | 5 | 0.838 | 27.2 | 16.2 | 4.79 | 42.8109 | -78.8542 |
| 9/26/2016 14:18 | 12.53 | 66.54 | 0 | 0.029 | 0 | 0 | 0 | 0 | 47 | 12.3 | 4 | 27.3 | 16.2 | 4.71 | 42.8109 | -78.8543 |
| 9/26/2016 14:17 | 12.52 | 71.45 | 0 | 0.029 | 0 | 0 | 0 | 0 | 47 | 8.5 | 1.268 | 27.2 | 16.2 | 4.11 | 42.8109 | -78.8543 |
| 9/26/2016 14:16 | 12.5 | 68.48 | 0 | 0.029 | 0 | 0 | 0 | 0 | 47 | 3.6 | 0.513 | 27.3 | 16.2 | 3.87 | 42.8109 | -78.8543 |
| 9/26/2016 14:15 | 12.46 | 93.28 | 0 | 0.029 | 0 | 0 | 0 | 0 | 47 | 3.6 | 0.502 | 27.3 | 16.3 | 3.88 | 42.8109 | -78.8543 |
| 9/26/2016 14:14 | 12.49 | 76.23 | 0 | 0.029 | 0 | 0 | 0 | 0 | 47 | 3.4 | 0.477 | 27.1 | 16.3 | 3.89 | 42.8109 | -78.8543 |
| 9/26/2016 14:13 | 12.49 | 77.65 | 0 | 0.029 | 0 | 0 | 0 | 0 | 47 | 3.4 | 0.666 | 27.2 | 16.3 | 3.93 | 42.8109 | -78.8542 |
| 9/26/2016 14:12 | 12.5 | 71.45 | 0 | 0.029 | 0 | 0 | 0 | 0 | 47 | 3.9 | 0.423 | 27.1 | 16.3 | 3.92 | 42.8109 | -78.8543 |
| 9/26/2016 14:11 | 12.5 | 68.22 | 0 | 0.029 | 0 | 0 | 0 | 0 | 47 | 3.7 | 0.445 | 27.2 | 16.4 | 3.91 | 42.8109 | -78.8543 |
| 9/26/2016 14:10 | 12.48 | 76.1 | 0 | 0.029 | 0 | 0 | 0 | 0 | 47 | 3.9 | 0.514 | 27.1 | 16.4 | 3.95 | 42.8109 | -78.8542 |
| 9/26/2016 14:09 | 12.51 | 66.8 | 0 | 0.029 | 0 | 0 | 0 | 0 | 48 | 3.8 | 0.485 | 27.2 | 16.4 | 3.99 | 42.8109 | -78.8543 |
| 9/26/2016 14:08 | 12.5 | 71.32 | 0 | 0.029 | 0 | 0 | 0 | 0 | 47 | 4.1 | 0.482 | 27.2 | 16.5 | 4.03 | 42.8109 | -78.8543 |
| 9/26/2016 14:07 | 12.5 | 68.73 | 0 | 0.029 | 0 | 0 | 0 | 0 | 48 | 4.5 | 0.449 | 27.1 | 16.5 | 4.07 | 42.8109 | -78.8542 |
| 9/26/2016 14:06 | 12.51 | 68.73 | 0 | 0.029 | 0 | 0 | 0 | 0 | 48 | 4 | 0.684 | 27.2 | 16.5 | 4.19 | 42.8108 | -78.8543 |
| 9/26/2016 14:05 | 12.5 | 79.2 | 0 | 0.029 | 0 | 0 | 0 | 0 | 48 | 4.1 | 0.611 | 27.1 | 16.6 | 4.24 | 42.8109 | -78.8543 |
| 9/26/2016 14:04 | 12.5 | 74.16 | 0 | 0.029 | 0 | 0 | 0 | 0 | 48 | 3.8 | 0.554 | 27.1 | 16.6 | 4.28 | 42.8109 | -78.8543 |
| 9/26/2016 14:03 | 12.5 | 72.74 | 0 | 0.029 | 0 | 0 | 0 | 0 | 47 | 3.3 | 0.596 | 27.2 | 16.6 | 4.42 | 42.8109 | -78.8543 |
| 9/26/2016 14:02 | 12.49 | 77.78 | 0 | 0.029 | 0 | 0 | 0 | 0 | 48 | 4.9 | 0.619 | 27.2 | 16.7 | 4.47 | 42.8109 | -78.8542 |
| 9/26/2016 14:01 | 12.51 | 67.31 | 0 | 0.029 | 0 | 0 | 0 | 0 | 47 | 3.8 | 0.817 | 27.2 | 16.7 | 4.38 | 42.8109 | -78.8542 |
| 9/26/2016 14:00 | 12.48 | 84.11 | 0 | 0.029 | 0 | 0 | 0 | 0 | 47 | 3.8 | 0.713 | 27.1 | 16.7 | 4.42 | 42.8109 | -78.8542 |
| 9/26/2016 13:59 | 12.5 | 71.58 | 0 | 0.029 | 0 | 0 | 0 | 0 | 48 | 4 | 0.629 | 27 | 16.7 | 4.43 | 42.8109 | -78.8542 |
| 9/26/2016 13:58 | 12.5 | 69.51 | 0 | 0.029 | 0 | 0 | 0 | 0 | 47 | 3.2 | 0.497 | 27.1 | 16.8 | 4.36 | 42.8109 | -78.8542 |

| Timestamp (GMT-4) | Batt. Voltage (V) | Current (mA) | Low (ppm) | Peak (ppm) | STEL (ppm) | TWA (ppm) | VOC (ppm) | VOC (Avg15) (ppm) | Humidity (%) | Mass (µg/m³) | Particle size (µm) | Temperature (°C) | TWA (µg/m³) | Mass (Avg15) (µg/m³) | Latitude | Longitude |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 9/26/2016 13:57 | 12.5 | 67.7 | 0 | 0.029 | 0 | 0 | 0 | 0 | 47 | 3.8 | 0.484 | 27.1 | 16.8 | 4.43 | 42.8109 | -78.8542 |
| 9/26/2016 13:56 | 12.46 | 94.19 | 0 | 0.029 | 0 | 0 | 0 | 0 | 47 | 4.3 | 0.946 | 27.1 | 16.8 | 4.47 | 42.8109 | -78.8542 |
| 9/26/2016 13:55 | 12.5 | 73.26 | 0 | 0.029 | 0 | 0 | 0 | 0 | 47 | 4.4 | 0.624 | 27.1 | 16.9 | 4.47 | 42.8109 | -78.8542 |
| 9/26/2016 13:54 | 12.5 | 71.71 | 0 | 0.029 | 0 | 0 | 0 | 0 | 47 | 4.4 | 0.508 | 27 | 16.9 | 4.47 | 42.8109 | -78.8542 |
| 9/26/2016 13:53 | 12.5 | 73.77 | 0 | 0.029 | 0 | 0 | 0 | 0 | 47 | 4.8 | 0.672 | 27 | 16.9 | 4.43 | 42.8108 | -78.8542 |
| 9/26/2016 13:52 | 12.5 | 71.96 | 0 | 0.029 | 0 | 0 | 0 | 0 | 47 | 6.3 | 1.416 | 27.1 | 17 | 4.42 | 42.8109 | -78.8543 |
| 9/26/2016 13:51 | 12.5 | 69.64 | 0 | 0.029 | 0 | 0 | 0 | 0 | 47 | 4.7 | 0.48 | 27.1 | 17 | 4.37 | 42.8109 | -78.8543 |
| 9/26/2016 13:50 | 12.48 | 77.26 | 0 | 0.029 | 0 | 0 | 0 | 0 | 47 | 4.7 | 0.583 | 27 | 17 | 4.46 | 42.8109 | -78.8542 |
| 9/26/2016 13:49 | 12.5 | 69.64 | 0 | 0.029 | 0 | 0 | 0 | 0 | 46 | 5.9 | 0.977 | 27 | 17.1 | 4.71 | 42.8109 | -78.8542 |
| 9/26/2016 13:48 | 12.49 | 75.71 | 0 | 0.029 | 0 | 0 | 0 | 0 | 46 | 4 | 0.53 | 27 | 17.1 | 4.77 | 42.8109 | -78.8542 |
| 9/26/2016 13:47 | 12.49 | 78.94 | 0 | 0.029 | 0 | 0 | 0 | 0 | 47 | 3.6 | 0.543 | 27 | 17.1 | 5.02 | 42.8109 | -78.8542 |
| 9/26/2016 13:46 | 12.49 | 73.51 | 0 | 0.029 | 0 | 0 | 0 | 0 | 46 | 4.4 | 0.59 | 26.9 | 17.1 | 5.39 | 42.8109 | -78.8542 |
| 9/26/2016 13:45 | 12.49 | 77.78 | 0 | 0.029 | 0 | 0 | 0 | 0 | 46 | 4 | 0.553 | 27 | 17.2 | 5.78 | 42.8109 | -78.8542 |
| 9/26/2016 13:44 | 12.5 | 74.03 | 0 | 0.029 | 0 | 0 | 0 | 0 | 47 | 2.9 | 0.513 | 27 | 17.2 | 6.32 | 42.8109 | -78.8542 |
| 9/26/2016 13:43 | 12.48 | 80.23 | 0 | 0.029 | 0 | 0 | 0 | 0 | 47 | 4.3 | 0.654 | 27 | 17.3 | 7.01 | 42.8108 | -78.8542 |
| 9/26/2016 13:42 | 12.51 | 65.5 | 0 | 0.029 | 0 | 0 | 0 | 0 | 46 | 4.3 | 0.759 | 27 | 17.3 | 8.13 | 42.8108 | -78.8543 |
| 9/26/2016 13:41 | 12.48 | 80.23 | 0 | 0.029 | 0 | 0 | 0 | 0 | 46 | 4.4 | 0.622 | 27 | 17.3 | 8.99 | 42.8108 | -78.8542 |
| 9/26/2016 13:40 | 12.48 | 69.77 | 0 | 0.029 | 0 | 0 | 0 | 0 | 46 | 4.3 | 0.631 | 27 | 17.3 | 9.71 | 42.8108 | -78.8542 |
| 9/26/2016 13:39 | 12.5 | 73.13 | 0 | 0.029 | 0 | 0 | 0 | 0 | 46 | 3.8 | 0.493 | 27 | 17.4 | 10.63 | 42.8108 | -78.8542 |
| 9/26/2016 13:38 | 12.5 | 68.22 | 0 | 0.029 | 0 | 0 | 0 | 0 | 46 | 4.7 | 0.72 | 27 | 17.4 | 11.83 | 42.8109 | -78.8543 |
| 9/26/2016 13:37 | 12.49 | 75.58 | 0 | 0.029 | 0 | 0 | 0 | 0 | 46 | 5.6 | 0.792 | 27 | 17.4 | 13.21 | 42.8109 | -78.8543 |
| 9/26/2016 13:36 | 12.5 | 70.28 | 0 | 0.029 | 0 | 0 | 0 | 0 | 46 | 6 | 1.057 | 27 | 17.5 | 14.81 | 42.8109 | -78.8543 |
| 9/26/2016 13:35 | 12.5 | 69.77 | 0 | 0.029 | 0 | 0 | 0 | 0 | 46 | 8.4 | 1.895 | 27 | 17.5 | 15.32 | 42.8108 | -78.8542 |
| 9/26/2016 13:34 | 12.5 | 69.12 | 0 | 0.029 | 0 | 0 | 0 | 0 | 46 | 6.8 | 0.988 | 26.9 | 17.5 | 15.59 | 42.8108 | -78.8543 |
| 9/26/2016 13:33 | 12.5 | 67.96 | 0 | 0.029 | 0 | 0 | 0 | 0 | 45 | 7.8 | 1.098 | 26.9 | 17.6 | 15.88 | 42.8108 | -78.8543 |
| 9/26/2016 13:32 | 12.5 | 71.19 | 0 | 0.029 | 0 | 0 | 0 | 0 | 45 | 9.1 | 4 | 27 | 17.6 | 16.35 | 42.8108 | -78.8543 |
| 9/26/2016 13:31 | 12.51 | 68.22 | 0 | 0.029 | 0 | 0 | 0 | 0 | 46 | 10.3 | 4 | 26.9 | 17.6 | 16.49 | 42.8108 | -78.8543 |
| 9/26/2016 13:30 | 12.5 | 80.49 | 0 | 0.029 | 0 | 0 | 0 | 0 | 45 | 12.1 | 4 | 26.8 | 17.6 | 16.49 | 42.8108 | -78.8543 |
| 9/26/2016 13:29 | 12.5 | 73.26 | 0 | 0.029 | 0 | 0 | 0 | 0 | 45 | 13.2 | 4 | 27 | 17.6 | 16.31 | 42.8108 | -78.8543 |
| 9/26/2016 13:28 | 12.51 | 69.77 | 0 | 0.029 | 0 | 0 | 0 | 0 | 45 | 21.1 | 4 | 27 | 17.6 | 16.21 | 42.8108 | -78.8542 |
| 9/26/2016 13:27 | 12.51 | 71.19 | 0 | 0.029 | 0 | 0 | 0 | 0 | 44 | 17.3 | 4 | 27 | 17.6 | 15.59 | 42.8108 | -78.8542 |
| 9/26/2016 13:26 | 12.52 | 75.45 | 0 | 0.029 | 0 | 0 | 0 | 0 | 44 | 15.1 | 4 | 27 | 17.6 | 15.5 | 42.8109 | -78.8543 |
| 9/26/2016 13:25 | 12.52 | 79.2 | 0 | 0.029 | 0 | 0 | 0 | 0 | 44 | 18.1 | 4 | 27 | 17.6 | 15.84 | 42.8108 | -78.8543 |
| 9/26/2016 13:24 | 12.52 | 76.87 | 0 | 0.029 | 0 | 0 | 0 | 0 | 43 | 21.8 | 4 | 27 | 17.6 | 15.7 | 42.8108 | -78.8542 |
| 9/26/2016 13:23 | 12.52 | 71.96 | 0 | 0.029 | 0 | 0 | 0 | 0 | 44 | 25.5 | 4 | 26.9 | 17.6 | 16.29 | 42.8108 | -78.8542 |
| 9/26/2016 13:22 | 12.52 | 74.94 | 0 | 0.029 | 0 | 0 | 0 | 0 | 43 | 29.6 | 4 | 26.9 | 17.6 | 16.04 | 42.8108 | -78.8543 |
| 9/26/2016 13:21 | 12.53 | 70.16 | 0 | 0.029 | 0 | 0 | 0 | 0 | 44 | 13.6 | 4 | 27 | 17.6 | 14.96 | 42.8109 | -78.8543 |
| 9/26/2016 13:20 | 12.53 | 71.06 | 0 | 0.029 | 0 | 0 | 0 | 0 | 43 | 12.5 | 4 | 27 | 17.6 | 14.97 | 42.8109 | -78.8543 |
| 9/26/2016 13:19 | 12.5 | 93.15 | 0 | 0.029 | 0 | 0 | 0 | 0 | 43 | 11.1 | 4 | 27 | 17.6 | 15.18 | 42.8108 | -78.8543 |
| 9/26/2016 13:18 | 12.52 | 69.38 | 0 | 0.029 | 0 | 0 | 0 | 0 | 42 | 14.8 | 4 | 27 | 17.6 | 15.83 | 42.8108 | -78.8542 |
| 9/26/2016 13:17 | 12.51 | 79.85 | 0 | 0.029 | 0 | 0 | 0 | 0 | 43 | 11.3 | 4 | 27 | 17.6 | 16.41 | 42.8109 | -78.8543 |
| 9/26/2016 13:16 | 12.52 | 71.71 | 0 | 0.029 | 0 | 0 | 0 | 0 | 42 | 10.2 | 2.934 | 27 | 17.6 | 16.8 | 42.8109 | -78.8543 |
| 9/26/2016 13:15 | 12.5 | 83.46 | 0 | 0.029 | 0 | 0 | 0 | 0 | 42 | 9.5 | 4 | 27 | 17.7 | 17.37 | 42.8108 | -78.8542 |
| 9/26/2016 13:14 | 12.52 | 73.64 | 0 | 0.029 | 0 | 0 | 0 | 0 | 42 | 11.6 | 4 | 27 | 17.7 | 18.45 | 42.8108 | -78.8542 |
| 9/26/2016 13:13 | 12.53 | 70.41 | 0 | 0.029 | 0 | 0 | 0 | 0 | 42 | 11.9 | 4 | 27.1 | 17.7 | 19.99 | 42.8108 | -78.8542 |
| 9/26/2016 13:12 | 12.52 | 74.29 | 0 | 0.029 | 0 | 0 | 0 | 0 | 42 | 15.9 | 4 | 27.1 | 17.7 | 21.31 | 42.8109 | -78.8543 |

| Timestamp (GMT-4) | Batt. Voltage (V) | Current (mA) | Low (ppm) | Peak (ppm) | STEL (ppm) | TWA (ppm) | VOC (ppm) | VOC (Avg15) (ppm) | Humidity (%) | Mass (µg/m³) | Particle size (µm) | Temperature (°C) | TWA (µg/m³) | Mass (Avg15) (µg/m³) | Latitude | Longitude |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 9/26/2016 13:11 | 12.53 | 70.93 | 0 | 0.029 | 0 | 0 | 0 | 0 | 43 | 20.2 | 4 | 27 | 17.7 | 22.68 | 42.8109 | -78.8543 |
| 9/26/2016 13:10 | 12.53 | 68.86 | 0 | 0.029 | 0 | 0 | 0 | 0 | 43 | 16 | 4 | 27 | 17.7 | 27.26 | 42.8109 | -78.8543 |
| 9/26/2016 13:09 | 12.53 | 69.51 | 0 | 0.029 | 0 | 0 | 0 | 0 | 43 | 30.6 | 4 | 27.1 | 17.7 | 27.71 | 42.8109 | -78.8543 |
| 9/26/2016 13:08 | 12.52 | 76.36 | 0 | 0.029 | 0 | 0 | 0 | 0 | 43 | 21.8 | 4 | 27.1 | 17.7 | 28.18 | 42.8109 | -78.8543 |
| 9/26/2016 13:07 | 12.55 | 66.28 | 0 | 0.029 | 0 | 0 | 0 | 0 | 43 | 13.4 | 4 | 27.2 | 17.7 | 29.38 | 42.8111 | -78.854 |
| 9/26/2016 13:06 | 12.57 | 67.31 | 0 | 0.029 | 0 | 0 | 0 | 0 | 43 | 13.8 | 4 | 27.2 | 17.7 | 31.49 | 42.8114 | -78.8537 |
| 9/26/2016 13:05 | 12.57 | 66.8 | 0 | 0.029 | 0 | 0 | 0 | 0 | 43 | 15.6 | 4 | 27.1 | 17.7 | 32.09 | 42.8113 | -78.8537 |
| 9/26/2016 13:04 | 12.57 | 65.76 | 0 | 0.029 | 0 | 0 | 0 | 0 | 43 | 20.8 | 4 | 27.1 | 17.7 | 34.99 | 42.8113 | -78.8537 |
| 9/26/2016 13:03 | 12.55 | 81.01 | 0 | 0.029 | 0 | 0 | 0 | 0 | 42 | 23.5 | 4 | 27.1 | 17.7 | 34.9 | 42.8113 | -78.8537 |
| 9/26/2016 13:02 | 12.55 | 74.29 | 0 | 0.029 | 0 | 0 | 0 | 0 | 42 | 17.2 | 4 | 27.2 | 17.7 | 34.66 | 42.8112 | -78.8535 |
| 9/26/2016 13:01 | 12.57 | 65.63 | 0 | 0.029 | 0 | 0 | 0 | 0 | 41 | 18.7 | 4 | 27.1 | 17.7 | 36.01 | 42.8112 | -78.8532 |
| 9/26/2016 13:00 | 12.56 | 70.93 | 0 | 0.029 | 0 | 0 | 0 | 0 | 41 | 25.8 | 4 | 27.2 | 17.7 | 36.56 | 42.8112 | -78.8532 |
| 9/26/2016 12:59 | 12.57 | 72.74 | 0 | 0.029 | 0 | 0 | 0 | 0 | 42 | 34.7 | 4 | 27.2 | 17.7 | 36.28 | 42.8112 | -78.8532 |
| 9/26/2016 12:58 | 12.57 | 73.26 | 0 | 0.029 | 0 | 0 | 0 | 0 | 41 | 31.6 | 4 | 27.3 | 17.6 | 36.02 | 42.8112 | -78.8532 |
| 9/26/2016 12:57 | 12.56 | 65.76 | 0 | 0.029 | 0 | 0 | 0 | 0 | 41 | 36.5 | 4 | 27.2 | 17.6 | 35.02 | 42.8112 | -78.8532 |
| 9/26/2016 12:56 | 12.57 | 65.37 | 0 | 0.029 | 0 | 0 | 0 | 0 | 41 | 88.9 | 4 | 27.1 | 17.4 | 34.79 | 42.8112 | -78.8531 |
| 9/26/2016 12:55 | 12.57 | 65.63 | 0 | 0.029 | 0 | 0 | 0 | 0 | 40 | 22.7 | 4 | 27.3 | 17.3 | 30.14 | 42.8113 | -78.8528 |
| 9/26/2016 12:54 | 12.56 | 70.03 | 0 | 0.029 | 0 | 0 | 0 | 0 | 41 | 37.7 | 4 | 27.2 | 17.2 | 32.79 | 42.8113 | -78.8528 |
| 9/26/2016 12:53 | 12.57 | 67.83 | 0 | 0.029 | 0 | 0 | 0 | 0 | 40 | 39.8 | 4 | 27.3 | 17.2 | 31.57 | 42.8113 | -78.8528 |
| 9/26/2016 12:52 | 12.57 | 65.63 | 0 | 0.029 | 0 | 0 | 0 | 0 | 40 | 45 | 4 | 27.2 | 17.1 | 30.64 | 42.8113 | -78.8528 |
| 9/26/2016 12:51 | 12.57 | 66.41 | 0 | 0.029 | 0 | 0 | 0 | 0 | 41 | 22.8 | 4 | 27.2 | 17 | 29.29 | 42.8113 | -78.8528 |
| 9/26/2016 12:50 | 12.57 | 67.31 | 0 | 0.029 | 0 | 0 | 0 | 0 | 41 | 59.2 | 4 | 27.2 | 16.9 | 29.49 | 42.8113 | -78.8528 |
| 9/26/2016 12:49 | 12.57 | 65.37 | 0 | 0.029 | 0 | 0 | 0 | 0 | 41 | 19.4 | 4 | 27.2 | 16.9 | 29.05 | 42.8113 | -78.8528 |
| 9/26/2016 12:48 | 12.57 | 71.71 | 0 | 0.029 | 0 | 0 | 0 | 0 | 40 | 19.9 | 4 | 27.2 | 16.9 | 28.72 | 42.8113 | -78.8528 |
| 9/26/2016 12:47 | 12.56 | 74.42 | 0 | 0.029 | 0 | 0 | 0 | 0 | 41 | 37.4 | 4 | 27.3 | 16.8 | 33.45 | 42.8113 | -78.8528 |
| 9/26/2016 12:46 | 12.56 | 74.16 | 0 | 0.029 | 0 | 0 | 0 | 0 | 41 | 27 | 4 | 27.2 | 16.8 | 32.94 | 42.8113 | -78.8528 |
| 9/26/2016 12:45 | 12.57 | 68.48 | 0 | 0.029 | 0 | 0 | 0 | 0 | 41 | 21.6 | 4 | 27.2 | 16.8 | 33.81 | 42.8113 | -78.8528 |
| 9/26/2016 12:44 | 12.57 | 67.57 | 0 | 0.029 | 0 | 0 | 0 | 0 | 41 | 30.8 | 4 | 27.2 | 16.7 | 36.15 | 42.8113 | -78.8528 |
| 9/26/2016 12:43 | 12.57 | 69.12 | 0 | 0.029 | 0 | 0 | 0 | 0 | 40 | 16.6 | 4 | 27.1 | 16.7 | 34.99 | 42.8113 | -78.8528 |
| 9/26/2016 12:42 | 12.56 | 71.83 | 0 | 0.029 | 0 | 0 | 0 | 0 | 40 | 33.1 | 4 | 27.2 | 16.7 | 34.35 | 42.8113 | -78.8528 |
| 9/26/2016 12:41 | 12.56 | 72.22 | 0 | 0.029 | 0 | 0 | 0 | 0 | 41 | 19.1 | 4 | 27.2 | 16.7 | 33.09 | 42.8113 | -78.8528 |
| 9/26/2016 12:40 | 12.57 | 68.22 | 0 | 0.029 | 0 | 0 | 0 | 0 | 40 | 62.4 | 4 | 27.2 | 16.6 | 32.29 | 42.8113 | -78.8528 |
| 9/26/2016 12:39 | 12.56 | 72.09 | 0 | 0.029 | 0 | 0 | 0 | 0 | 40 | 19.4 | 4 | 27.1 | 16.6 | 29.1 | 42.8113 | -78.8528 |
| 9/26/2016 12:38 | 12.57 | 65.12 | 0 | 0.029 | 0 | 0 | 0 | 0 | 40 | 25.9 | 4 | 27.2 | 16.5 | 28.13 | 42.8113 | -78.8528 |
| 9/26/2016 12:37 | 12.56 | 77.52 | 0 | 0.029 | 0 | 0 | 0 | 0 | 40 | 24.8 | 4 | 27.2 | 16.5 | 33.47 | 42.8113 | -78.8528 |
| 9/26/2016 12:36 | 12.55 | 74.29 | 0 | 0.029 | 0 | 0 | 0 | 0 | 41 | 25.7 | 4 | 27.1 | 16.5 | 32.42 | 42.8113 | -78.8528 |
| 9/26/2016 12:35 | 12.56 | 68.48 | 0 | 0.029 | 0 | 0 | 0 | 0 | 40 | 52.6 | 4 | 27.1 | 16.4 | 31.98 | 42.8113 | -78.8528 |
| 9/26/2016 12:34 | 12.55 | 80.36 | 0 | 0.029 | 0 | 0 | 0 | 0 | 40 | 14.5 | 4 | 27.1 | 16.4 | 30.4 | 42.8113 | -78.8528 |
| 9/26/2016 12:33 | 12.56 | 69.38 | 0 | 0.029 | 0 | 0 | 0 | 0 | 39 | 90.8 | 4 | 27.1 | 16.3 | 32.61 | 42.8113 | -78.8528 |
| 9/26/2016 12:32 | 12.56 | 74.03 | 0 | 0.029 | 0 | 0 | 0 | 0 | 39 | 29.8 | 4 | 27.1 | 16.1 | 30.17 | 42.8113 | -78.8528 |
| 9/26/2016 12:31 | 12.56 | 70.67 | 0 | 0.029 | 0 | 0 | 0 | 0 | 39 | 40 | 4 | 27.1 | 16 | 30.97 | 42.8113 | -78.8528 |
| 9/26/2016 12:30 | 12.55 | 83.33 | 0 | 0.029 | 0 | 0 | 0 | 0 | 40 | 56.8 | 4 | 27 | 16 | 32.13 | 42.8113 | -78.8528 |
| 9/26/2016 12:29 | 12.56 | 74.42 | 0 | 0.029 | 0 | 0 | 0 | 0 | 39 | 13.3 | 4 | 27.1 | 15.9 | 29.85 | 42.8113 | -78.8528 |
| 9/26/2016 12:28 | 12.55 | 72.87 | 0 | 0.029 | 0 | 0 | 0 | 0 | 39 | 7 | 1.102 | 27 | 15.9 | 34.25 | 42.8113 | -78.8528 |
| 9/26/2016 12:27 | 12.56 | 65.25 | 0 | 0.029 | 0 | 0 | 0 | 0 | 39 | 14.2 | 4 | 27.1 | 15.7 | 35.24 | 42.8113 | -78.8528 |
| 9/26/2016 12:26 | 12.57 | 67.7 | 0 | 0.029 | 0 | 0 | 0 | 0 | 39 | 7.1 | 0.869 | 27 | 15.7 | 34.5 | 42.8113 | -78.8528 |

| Timestamp (GMT-4) | Batt. Voltage (V) | Current (mA) | Low (ppm) | Peak (ppm) | STEL (ppm) | TWA (ppm) | VOC (ppm) | VOC (Avg15) (ppm) | Humidity (%) | Mass (µg/m³) | Particle size (µm) | Temperature (°C) | TWA (µg/m³) | Mass (Avg15) (µg/m³) | Latitude | Longitude |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 9/26/2016 12:25 | 12.57 | 72.22 | 0 | 0.029 | 0 | 0 | 0 | 0 | 39 | 14.6 | 4 | 27.1 | 15.7 | 34.51 | 42.8113 | -78.8528 |
| 9/26/2016 12:24 | 12.56 | 71.06 | 0 | 0.029 | 0 | 0 | 0 | 0 | 39 | 4.9 | 0.803 | 27.1 | 15.7 | 35.65 | 42.8113 | -78.8528 |
| 9/26/2016 12:23 | 12.56 | 71.71 | 0 | 0.029 | 0 | 0 | 0 | 0 | 39 | 105.9 | 4 | 27.2 | 15.7 | 35.6 | 42.8113 | -78.8528 |
| 9/26/2016 12:22 | 12.55 | 79.2 | 0 | 0.029 | 0 | 0 | 0 | 0 | 39 | 9.1 | 0.761 | 27.1 | 15.6 | 29.97 | 42.8113 | -78.8528 |
| 9/26/2016 12:21 | 12.55 | 77.26 | 0 | 0.029 | 0 | 0 | 0 | 0 | 39 | 19.1 | 4 | 27.1 | 15.6 | 32.79 | 42.8112 | -78.8528 |
| 9/26/2016 12:20 | 12.57 | 69.25 | 0 | 0.029 | 0 | 0 | 0 | 0 | 39 | 28.9 | 2.802 | 27 | 15.5 | 34.71 | 42.8113 | -78.8528 |
| 9/26/2016 12:19 | 12.56 | 70.16 | 0 | 0.029 | 0 | 0 | 0 | 0 | 39 | 47.6 | 4 | 27 | 15.3 | 38.57 | 42.8113 | -78.8528 |
| 9/26/2016 12:18 | 12.56 | 67.31 | 0 | 0.029 | 0 | 0 | 0 | 0 | 38 | 54.2 | 4 | 27.1 | 15.3 | 37.47 | 42.8113 | -78.8528 |
| 9/26/2016 12:17 | 12.56 | 75.06 | 0 | 0.029 | 0 | 0 | 0 | 0 | 38 | 41.8 | 4 | 27 | 15 | 36.04 | 42.8113 | -78.8528 |
| 9/26/2016 12:16 | 12.56 | 67.57 | 0 | 0.029 | 0 | 0 | 0 | 0 | 38 | 57.5 | 4 | 27.1 | 15 | 33.93 | 42.8113 | -78.8528 |
| 9/26/2016 12:15 | 12.56 | 74.03 | 0 | 0.029 | 0 | 0 | 0 | 0 | 38 | 22.5 | 4 | 27.1 | 14.8 | 31.47 | 42.8113 | -78.8528 |
| 9/26/2016 12:14 | 12.57 | 72.61 | 0 | 0.029 | 0 | 0 | 0 | 0 | 39 | 79.3 | 4 | 27.1 | 14.8 | 30.47 | 42.8113 | -78.8528 |
| 9/26/2016 12:13 | 12.57 | 70.67 | 0 | 0.029 | 0 | 0 | 0 | 0 | 39 | 21.9 | 4 | 27.1 | 14.7 | 26.06 | 42.8113 | -78.8528 |
| 9/26/2016 12:12 | 12.57 | 68.22 | 0 | 0.029 | 0 | 0 | 0 | 0 | 39 | 3.1 | 0.415 | 27.1 | 14.7 | 25.13 | 42.8113 | -78.8528 |
| 9/26/2016 12:11 | 12.57 | 71.83 | 0 | 0.029 | 0 | 0 | 0 | 0 | 38 | 7.3 | 0.977 | 27.1 | 14.8 | 25.2 | 42.8112 | -78.8528 |
| 9/26/2016 12:10 | 12.57 | 70.8 | 0 | 0.029 | 0 | 0 | 0 | 0 | 38 | 31.6 | 4 | 27.1 | 14.8 | 25.03 | 42.8113 | -78.8528 |
| 9/26/2016 12:09 | 12.55 | 75.97 | 0 | 0.029 | 0 | 0 | 0 | 0 | 38 | 4.2 | 0.652 | 27 | 14.4 | 23.72 | 42.8113 | -78.8528 |
| 9/26/2016 12:08 | 12.55 | 78.42 | 0 | 0.029 | 0 | 0 | 0 | 0 | 39 | 21.5 | 4 | 27.1 | 14.4 | 24.17 | 42.8113 | -78.8528 |
| 9/26/2016 12:07 | 12.56 | 68.99 | 0 | 0.029 | 0 | 0 | 0 | 0 | 38 | 51.4 | 4 | 27.1 | 14.4 | 23.34 | 42.8113 | -78.8528 |
| 9/26/2016 12:06 | 12.56 | 79.33 | 0 | 0.029 | 0 | 0 | 0 | 0 | 38 | 47.9 | 4 | 27 | 14.3 | 20.53 | 42.8112 | -78.8528 |
| 9/26/2016 12:05 | 12.54 | 78.55 | 0 | 0.029 | 0 | 0 | 0 | 0 | 38 | 86.7 | 4 | 27 | 14.1 | 22.89 | 42.8113 | -78.8528 |
| 9/26/2016 12:04 | 12.56 | 69.51 | 0 | 0.029 | 0 | 0 | 0 | 0 | 38 | 31.1 | 4 | 27 | 14 | 17.83 | 42.8113 | -78.8528 |
| 9/26/2016 12:03 | 12.54 | 80.23 | 0 | 0.029 | 0 | 0 | 0 | 0 | 38 | 32.8 | 4 | 27 | 13.9 | 16.53 | 42.8113 | -78.8528 |
| 9/26/2016 12:02 | 12.56 | 70.16 | 0 | 0.029 | 0 | 0 | 0 | 0 | 37 | 10.1 | 4 | 27 | 13.9 | 20.27 | 42.8112 | -78.8528 |
| 9/26/2016 12:01 | 12.55 | 72.35 | 0 | 0.029 | 0 | 0 | 0 | 0 | 38 | 20.7 | 4 | 27.1 | 13.9 | 20.39 | 42.8113 | -78.8528 |
| 9/26/2016 12:00 | 12.55 | 70.41 | 0 | 0.029 | 0 | 0 | 0 | 0 | 38 | 7.5 | 0.912 | 27 | 13.9 | 19.44 | 42.8113 | -78.8528 |
| 9/26/2016 11:59 | 12.55 | 68.35 | 0 | 0.029 | 0 | 0 | 0 | 0 | 37 | 13.1 | 4 | 27 | 14 | 19.79 | 42.8113 | -78.8528 |
| 9/26/2016 11:58 | 12.55 | 73.9 | 0 | 0.029 | 0 | 0 | 0 | 0 | 37 | 7.9 | 1.213 | 27 | 14 | 20.33 | 42.8113 | -78.8528 |
| 9/26/2016 11:57 | 12.55 | 67.7 | 0 | 0.029 | 0 | 0 | 0 | 0 | 37 | 4.2 | 0.89 | 27 | 14 | 20.8 | 42.8113 | -78.8528 |
| 9/26/2016 11:56 | 12.56 | 67.83 | 0 | 0.029 | 0 | 0 | 0 | 0 | 37 | 4.8 | 1.136 | 27 | 14 | 21.21 | 42.8113 | -78.8528 |
| 9/26/2016 11:55 | 12.52 | 84.24 | 0 | 0.029 | 0 | 0 | 0 | 0 | 38 | 11.9 | 4 | 27 | 14 | 21.59 | 42.8113 | -78.8528 |
| 9/26/2016 11:54 | 12.55 | 66.28 | 0 | 0.029 | 0 | 0 | 0 | 0 | 38 | 11 | 1.544 | 26.9 | 14 | 22.85 | 42.8113 | -78.8528 |
| 9/26/2016 11:53 | 12.53 | 72.74 | 0 | 0.029 | 0 | 0 | 0 | 0 | 38 | 9 | 4 | 26.9 | 14 | 23.45 | 42.8113 | -78.8528 |
| 9/26/2016 11:52 | 12.54 | 68.6 | 0 | 0.029 | 0 | 0 | 0 | 0 | 38 | 9.3 | 0.902 | 26.9 | 14.1 | 23.4 | 42.8113 | -78.8528 |
| 9/26/2016 11:51 | 12.52 | 77.91 | 0 | 0.029 | 0 | 0 | 0 | 0 | 37 | 83.3 | 4 | 26.8 | 14.1 | 23.15 | 42.8113 | -78.8528 |
| 9/26/2016 11:50 | 12.53 | 71.83 | 0 | 0.029 | 0 | 0 | 0 | 0 | 37 | 10.7 | 1.233 | 26.9 | 14 | 18.05 | 42.8113 | -78.8528 |
| 9/26/2016 11:49 | 12.53 | 69.12 | 0 | 0.029 | 0 | 0 | 0 | 0 | 38 | 11.7 | 1.623 | 26.8 | 14 | 18.05 | 42.8113 | -78.8528 |
| 9/26/2016 11:48 | 12.53 | 67.7 | 0 | 0.029 | 0 | 0 | 0 | 0 | 37 | 88.8 | 4 | 26.8 | 13.8 | 17.75 | 42.8113 | -78.8528 |
| 9/26/2016 11:47 | 12.52 | 69.25 | 0 | 0.029 | 0 | 0 | 0 | 0 | 37 | 11.9 | 4 | 26.7 | 13.7 | 12.55 | 42.8113 | -78.8528 |
| 9/26/2016 11:46 | 12.51 | 76.36 | 0 | 0.029 | 0 | 0 | 0 | 0 | 38 | 6.5 | 0.837 | 26.8 | 13.7 | 12.15 | 42.8113 | -78.8528 |
| 9/26/2016 11:45 | 12.52 | 72.74 | 0 | 0.029 | 0 | 0 | 0 | 0 | 38 | 12.7 | 4 | 26.7 | 13.7 | 13.61 | 42.8113 | -78.8528 |
| 9/26/2016 11:44 | 12.53 | 69.25 | 0 | 0.029 | 0 | 0 | 0 | 0 | 38 | 21.3 | 4 | 26.7 | 13.7 | 17.58 | 42.8113 | -78.8528 |
| 9/26/2016 11:43 | 12.53 | 71.45 | 0 | 0.029 | 0 | 0 | 0 | 0 | 38 | 14.9 | 4 | 26.6 | 13.7 | 18.87 | 42.8113 | -78.8528 |
| 9/26/2016 11:42 | 12.54 | 67.18 | 0 | 0.029 | 0 | 0 | 0 | 0 | 37 | 10.3 | 1.666 | 26.6 | 13.7 | 18.9 | 42.8113 | -78.8528 |
| 9/26/2016 11:41 | 12.52 | 74.29 | 0 | 0.029 | 0 | 0 | 0 | 0 | 37 | 10.5 | 0.897 | 26.6 | 13.7 | 18.87 | 42.8113 | -78.8528 |
| 9/26/2016 11:40 | 12.52 | 69.51 | 0 | 0.029 | 0 | 0 | 0 | 0 | 38 | 30.8 | 4 | 26.4 | 13.7 | 19.04 | 42.8113 | -78.8528 |

| Timestamp (GMT-4) | Batt. Voltage (V) | Current (mA) | Low (ppm) | Peak (ppm) | STEL (ppm) | TWA (ppm) | VOC (ppm) | VOC (Avg15) (ppm) | Humidity (%) | Mass (µg/m³) | Particle size (µm) | Temperature (°C) | TWA (µg/m³) | Mass (Avg15) (µg/m³) | Latitude | Longitude |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 9/26/2016 11:39 | 12.51 | 81.14 | 0 | 0.029 | 0 | 0 | 0 | 0 | 38 | 20.1 | 4 | 26.4 | 13.6 | 17.73 | 42.8113 | -78.8528 |
| 9/26/2016 11:38 | 12.52 | 77.78 | 0 | 0.029 | 0 | 0 | 0 | 0 | 38 | 8.2 | 1.472 | 26.5 | 13.7 | 17.53 | 42.8113 | -78.8528 |
| 9/26/2016 11:37 | 12.52 | 74.68 | 0 | 0.029 | 0 | 0 | 0 | 0 | 39 | 5.6 | 0.813 | 26.5 | 13.7 | 17.77 | 42.8113 | -78.8528 |
| 9/26/2016 11:36 | 12.52 | 82.3 | 0 | 0.029 | 0 | 0 | 0 | 0 | 38 | 6.8 | 0.888 | 26.3 | 13.7 | 17.81 | 42.8113 | -78.8528 |
| 9/26/2016 11:35 | 12.53 | 68.86 | 0 | 0.029 | 0 | 0 | 0 | 0 | 39 | 10.7 | 3.877 | 26.3 | 13.7 | 18.87 | 42.8113 | -78.8528 |
| 9/26/2016 11:34 | 12.53 | 71.06 | 0 | 0.029 | 0 | 0 | 0 | 0 | 38 | 7.1 | 1.386 | 26.3 | 13.7 | 18.73 | 42.8113 | -78.8528 |
| 9/26/2016 11:33 | 12.53 | 68.48 | 0 | 0.029 | 0 | 0 | 0 | 0 | 38 | 10.9 | 4 | 26.2 | 13.8 | 18.91 | 42.8113 | -78.8528 |
| 9/26/2016 11:32 | 12.53 | 68.73 | 0 | 0.029 | 0 | 0 | 0 | 0 | 39 | 5.8 | 1.389 | 26.1 | 13.8 | 18.62 | 42.8113 | -78.8528 |
| 9/26/2016 11:31 | 12.52 | 71.71 | 0 | 0.029 | 0 | 0 | 0 | 0 | 38 | 28.5 | 4 | 26.1 | 13.8 | 18.87 | 42.8113 | -78.8528 |
| 9/26/2016 11:30 | 12.52 | 70.41 | 0 | 0.029 | 0 | 0 | 0 | 0 | 38 | 72.2 | 4 | 26.1 | 13.7 | 17.53 | 42.8113 | -78.8528 |
| 9/26/2016 11:29 | 12.51 | 74.16 | 0 | 0.029 | 0 | 0 | 0 | 0 | 38 | 40.6 | 4 | 26 | 13.6 | 13.09 | 42.8113 | -78.8528 |
| 9/26/2016 11:28 | 12.52 | 67.83 | 0 | 0.029 | 0 | 0 | 0 | 0 | 38 | 15.4 | 4 | 26.1 | 13.5 | 10.71 | 42.8113 | -78.8528 |
| 9/26/2016 11:27 | 12.52 | 74.94 | 0 | 0.029 | 0 | 0 | 0 | 0 | 39 | 9.8 | 4 | 26 | 13.5 | 10.01 | 42.8113 | -78.8528 |
| 9/26/2016 11:26 | 12.51 | 75.84 | 0 | 0.029 | 0 | 0 | 0 | 0 | 38 | 13.1 | 1.939 | 25.8 | 13.5 | 9.77 | 42.8113 | -78.8528 |
| 9/26/2016 11:25 | 12.52 | 74.29 | 0 | 0.029 | 0 | 0 | 0 | 0 | 38 | 11.1 | 4 | 26 | 13.5 | 11.57 | 42.8113 | -78.8528 |
| 9/26/2016 11:24 | 12.49 | 81.52 | 0 | 0.029 | 0 | 0 | 0 | 0 | 39 | 17.1 | 4 | 25.8 | 13.5 | 11.24 | 42.8113 | -78.8528 |
| 9/26/2016 11:23 | 12.53 | 66.93 | 0 | 0.029 | 0 | 0 | 0 | 0 | 38 | 11.9 | 4 | 25.8 | 13.5 | 10.53 | 42.8113 | -78.8528 |
| 9/26/2016 11:22 | 12.52 | 72.35 | 0 | 0.029 | 0 | 0 | 0 | 0 | 39 | 6.1 | 1.541 | 25.7 | 13.5 | 10.19 | 42.8113 | -78.8528 |
| 9/26/2016 11:21 | 12.52 | 70.16 | 0 | 0.029 | 0 | 0 | 0 | 0 | 39 | 22.7 | 4 | 25.7 | 13.5 | 12.63 | 42.8113 | -78.8528 |
| 9/26/2016 11:20 | 12.52 | 70.03 | 0 | 0.029 | 0 | 0 | 0 | 0 | 38 | 8.7 | 4 | 25.7 | 13.5 | 11.55 | 42.8113 | -78.8528 |
| 9/26/2016 11:19 | 12.52 | 76.49 | 0 | 0.029 | 0 | 0 | 0 | 0 | 38 | 9.8 | 1.603 | 25.6 | 13.5 | 11.32 | 42.8113 | -78.8528 |
| 9/26/2016 11:18 | 12.52 | 69.38 | 0 | 0.029 | 0 | 0 | 0 | 0 | 38 | 6.5 | 1.535 | 25.5 | 13.5 | 11.15 | 42.8113 | -78.8528 |
| 9/26/2016 11:17 | 12.53 | 70.8 | 0 | 0.029 | 0 | 0 | 0 | 0 | 39 | 9.6 | 4 | 25.6 | 13.6 | 11.21 | 42.8113 | -78.8528 |
| 9/26/2016 11:16 | 12.49 | 91.09 | 0 | 0.029 | 0 | 0 | 0 | 0 | 39 | 8.4 | 4 | 25.5 | 13.4 | 10.93 | 42.8113 | -78.8528 |
| 9/26/2016 11:15 | 12.52 | 75.97 | 0 | 0.029 | 0 | 0 | 0 | 0 | 38 | 5.6 | 1.392 | 25.5 | 13.4 | 10.89 | 42.8113 | -78.8528 |
| 9/26/2016 11:14 | 12.52 | 75.06 | 0 | 0.029 | 0 | 0 | 0 | 0 | 39 | 4.9 | 0.591 | 25.4 | 13.5 | 10.9 | 42.8113 | -78.8528 |
| 9/26/2016 11:13 | 12.53 | 68.48 | 0 | 0.029 | 0 | 0 | 0 | 0 | 40 | 4.9 | 0.538 | 25.5 | 13.5 | 11.44 | 42.8113 | -78.8528 |
| 9/26/2016 11:12 | 12.52 | 75.84 | 0 | 0.029 | 0 | 0 | 0 | 0 | 39 | 6.1 | 4 | 25.3 | 13.5 | 11.73 | 42.8113 | -78.8528 |
| 9/26/2016 11:11 | 12.53 | 69.38 | 0 | 0.029 | 0 | 0 | 0 | 0 | 39 | 40.1 | 4 | 25.2 | 13.5 | 11.88 | 42.8113 | -78.8528 |
| 9/26/2016 11:10 | 12.53 | 71.19 | 0 | 0.029 | 0 | 0 | 0 | 0 | 40 | 6.2 | 1.218 | 25.3 | 13.5 | 10.09 | 42.8113 | -78.8528 |
| 9/26/2016 11:09 | 12.53 | 73.9 | 0 | 0.029 | 0 | 0 | 0 | 0 | 38 | 6.4 | 4 | 25.2 | 13.5 | 10.61 | 42.8113 | -78.8528 |
| 9/26/2016 11:08 | 12.53 | 76.49 | 0 | 0.029 | 0 | 0 | 0 | 0 | 40 | 6.8 | 1.914 | 25.2 | 13.5 | 10.53 | 42.8113 | -78.8528 |
| 9/26/2016 11:07 | 12.5 | 82.04 | 0 | 0.029 | 0 | 0 | 0 | 0 | 39 | 42.7 | 4 | 25.2 | 13.5 | 11.73 | 42.8113 | -78.8528 |
| 9/26/2016 11:06 | 12.53 | 72.87 | 0 | 0.029 | 0 | 0 | 0 | 0 | 39 | 6.6 | 0.854 | 25.1 | 13.5 | 9.27 | 42.8113 | -78.8528 |
| 9/26/2016 11:05 | 12.53 | 67.83 | 0 | 0.029 | 0 | 0 | 0 | 0 | 40 | 5.2 | 0.679 | 25.2 | 13.6 | 9.76 | 42.8113 | -78.8528 |
| 9/26/2016 11:04 | 12.52 | 65.25 | 0 | 0.029 | 0 | 0 | 0 | 0 | 39 | 7.3 | 1.141 | 25 | 13.6 | 10.08 | 42.8113 | -78.8528 |
| 9/26/2016 11:03 | 12.52 | 70.16 | 0 | 0.029 | 0 | 0 | 0 | 0 | 39 | 7.4 | 0.937 | 25 | 13.6 | 9.94 | 42.8113 | -78.8528 |
| 9/26/2016 11:02 | 12.5 | 77.13 | 0 | 0.029 | 0 | 0 | 0 | 0 | 40 | 5.3 | 0.596 | 25 | 13.6 | 9.73 | 42.8113 | -78.8528 |
| 9/26/2016 11:01 | 12.51 | 73 | 0 | 0.029 | 0 | 0 | 0 | 0 | 39 | 7.9 | 1.377 | 25 | 13.7 | 9.82 | 42.8113 | -78.8528 |
| 9/26/2016 11:00 | 12.52 | 72.09 | 0 | 0.029 | 0 | 0 | 0 | 0 | 39 | 5.7 | 1.163 | 24.8 | 13.7 | 9.81 | 42.8113 | -78.8528 |
| 9/26/2016 10:59 | 12.51 | 71.45 | 0 | 0.029 | 0 | 0 | 0 | 0 | 39 | 13 | 4 | 24.8 | 13.7 | 9.93 | 42.8113 | -78.8528 |
| 9/26/2016 10:58 | 12.51 | 70.93 | 0 | 0.029 | 0 | 0 | 0 | 0 | 40 | 9.3 | 1.133 | 24.7 | 13.7 | 9.86 | 42.8113 | -78.8528 |
| 9/26/2016 10:57 | 12.52 | 67.83 | 0 | 0.029 | 0 | 0 | 0 | 0 | 40 | 8.3 | 0.81 | 24.7 | 13.8 | 9.55 | 42.8113 | -78.8528 |
| 9/26/2016 10:56 | 12.5 | 75.06 | 0 | 0.029 | 0 | 0 | 0 | 0 | 40 | 13.2 | 4 | 24.6 | 13.8 | 9.42 | 42.8113 | -78.8528 |
| 9/26/2016 10:55 | 12.51 | 75.58 | 0 | 0.029 | 0 | 0 | 0 | 0 | 40 | 14 | 4 | 24.6 | 13.8 | 9.17 | 42.8113 | -78.8528 |
| 9/26/2016 10:54 | 12.52 | 68.35 | 0 | 0.029 | 0 | 0 | 0 | 0 | 40 | 5.3 | 2.107 | 24.6 | 13.8 | 9.37 | 42.8113 | -78.8528 |

| Timestamp (GMT-4) | Batt. Voltage (V) | Current (mA) | Low (ppm) | Peak (ppm) | STEL (ppm) | TWA (ppm) | VOC (ppm) | VOC (Avg15) (ppm) | Humidity (%) | Mass (µg/m³) | Particle size (µm) | Temperature (°C) | TWA (µg/m³) | Mass (Avg15) (µg/m³) | Latitude | Longitude |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 9/26/2016 10:53 | 12.51 | 72.48 | 0 | 0.029 | 0 | 0 | 0 | 0 | 40 | 24.7 | 4 | 24.5 | 13.8 | 9.61 | 42.8113 | -78.8528 |
| 9/26/2016 10:52 | 12.51 | 68.73 | 0 | 0.029 | 0 | 0 | 0 | 0 | 40 | 5.8 | 0.979 | 24.4 | 13.8 | 8.43 | 42.8113 | -78.8528 |
| 9/26/2016 10:51 | 12.51 | 71.32 | 0 | 0.029 | 0 | 0 | 0 | 0 | 40 | 14 | 4 | 24.4 | 13.8 | 8.31 | 42.8113 | -78.8528 |
| 9/26/2016 10:50 | 12.53 | 71.58 | 0 | 0.029 | 0 | 0 | 0 | 0 | 40 | 10 | 0.898 | 24.3 | 13.6 | 7.76 | 42.8113 | -78.8528 |
| 9/26/2016 10:49 | 12.56 | 68.09 | 0 | 0.029 | 0 | 0 | 0 | 0 | 40 | 5.2 | 0.527 | 24.2 | 13.6 | 7.58 | 42.8113 | -78.8528 |
| 9/26/2016 10:48 | 12.55 | 69.77 | 0 | 0.029 | 0 | 0 | 0 | 0 | 40 | 4.2 | 0.561 | 24.2 | 13.7 | 8.23 | 42.8113 | -78.8528 |
| 9/26/2016 10:47 | 12.53 | 77.78 | 0 | 0.029 | 0 | 0 | 0 | 0 | 41 | 6.7 | 1.046 | 24.1 | 13.7 | 9.25 | 42.8113 | -78.8528 |
| 9/26/2016 10:46 | 12.55 | 74.55 | 0 | 0.029 | 0 | 0 | 0 | 0 | 40 | 7.8 | 1.783 | 24.1 | 13.7 | 9.18 | 42.8113 | -78.8528 |
| 9/26/2016 10:45 | 12.55 | 66.8 | 0 | 0.029 | 0 | 0 | 0 | 0 | 41 | 7.5 | 3.311 | 24.1 | 13.7 | 8.97 | 42.8113 | -78.8528 |
| 9/26/2016 10:44 | 12.54 | 75.45 | 0 | 0.029 | 0 | 0 | 0 | 0 | 41 | 11.9 | 2.756 | 24 | 13.8 | 8.98 | 42.8113 | -78.8528 |
| 9/26/2016 10:43 | 12.53 | 70.8 | 0 | 0.029 | 0 | 0 | 0 | 0 | 40 | 4.7 | 0.744 | 23.9 | 13.8 | 8.9 | 42.8113 | -78.8528 |
| 9/26/2016 10:42 | 12.53 | 82.56 | 0 | 0.029 | 0 | 0 | 0 | 0 | 40 | 6.3 | 0.888 | 23.9 | 13.8 | 8.84 | 42.8113 | -78.8528 |
| 9/26/2016 10:41 | 12.54 | 69.12 | 0 | 0.029 | 0 | 0 | 0 | 0 | 41 | 9.4 | 4 | 23.9 | 13.9 | 8.87 | 42.8113 | -78.8528 |
| 9/26/2016 10:40 | 12.52 | 77.78 | 0 | 0.029 | 0 | 0 | 0 | 0 | 41 | 17.1 | 4 | 23.8 | 13.9 | 8.61 | 42.8113 | -78.8528 |
| 9/26/2016 10:39 | 12.52 | 79.59 | 0 | 0.029 | 0 | 0 | 0 | 0 | 42 | 8.8 | 0.838 | 23.8 | 13.9 | 7.87 | 42.8113 | -78.8528 |
| 9/26/2016 10:38 | 12.53 | 75.71 | 0 | 0.029 | 0 | 0 | 0 | 0 | 41 | 7.1 | 2.638 | 23.7 | 13.9 | 7.85 | 42.8113 | -78.8528 |
| 9/26/2016 10:37 | 12.53 | 70.93 | 0 | 0.029 | 0 | 0 | 0 | 0 | 41 | 4 | 0.585 | 23.6 | 14 | 7.95 | 42.8113 | -78.8528 |
| 9/26/2016 10:36 | 12.52 | 70.03 | 0 | 0.029 | 0 | 0 | 0 | 0 | 41 | 5.7 | 1.403 | 23.6 | 14 | 8.42 | 42.8113 | -78.8528 |
| 9/26/2016 10:35 | 12.52 | 69.12 | 0 | 0.029 | 0 | 0 | 0 | 0 | 42 | 7.3 | 1.431 | 23.6 | 14 | 8.67 | 42.8113 | -78.8528 |
| 9/26/2016 10:34 | 12.52 | 64.99 | 0 | 0.029 | 0 | 0 | 0 | 0 | 41 | 15 | 4 | 23.4 | 14 | 8.46 | 42.8113 | -78.8528 |
| 9/26/2016 10:33 | 12.51 | 77.26 | 0 | 0.029 | 0 | 0 | 0 | 0 | 41 | 19.5 | 2.593 | 23.4 | 14 | 8.11 | 42.8113 | -78.8528 |
| 9/26/2016 10:32 | 12.52 | 68.6 | 0 | 0.029 | 0 | 0 | 0 | 0 | 41 | 5.6 | 0.92 | 23.5 | 14 | 7.27 | 42.8113 | -78.8528 |
| 9/26/2016 10:31 | 12.51 | 71.96 | 0 | 0.029 | 0 | 0 | 0 | 0 | 41 | 4.6 | 0.559 | 23.3 | 14 | 7.47 | 42.8113 | -78.8528 |
| 9/26/2016 10:30 | 12.52 | 70.54 | 0 | 0.029 | 0 | 0 | 0 | 0 | 41 | 7.7 | 4 | 23.3 | 14.1 | 7.73 | 42.8113 | -78.8528 |
| 9/26/2016 10:29 | 12.52 | 71.96 | 0 | 0.029 | 0 | 0 | 0 | 0 | 41 | 10.7 | 1.728 | 23.3 | 14.1 | 7.6 | 42.8113 | -78.8528 |
| 9/26/2016 10:28 | 12.52 | 71.19 | 0 | 0.029 | 0 | 0 | 0 | 0 | 42 | 3.8 | 0.648 | 23.2 | 14.1 | 7.38 | 42.8113 | -78.8528 |
| 9/26/2016 10:27 | 12.51 | 70.93 | 0 | 0.029 | 0 | 0 | 0 | 0 | 42 | 6.7 | 2.386 | 23.1 | 14.2 | 7.75 | 42.8113 | -78.8528 |
| 9/26/2016 10:26 | 12.52 | 71.06 | 0 | 0.029 | 0 | 0 | 0 | 0 | 42 | 5.5 | 1.29 | 23.1 | 14.2 | 7.63 | 42.8113 | -78.8528 |
| 9/26/2016 10:25 | 12.52 | 68.22 | 0 | 0.029 | 0 | 0 | 0 | 0 | 42 | 6.1 | 1.184 | 23.1 | 14.3 | 7.81 | 42.8113 | -78.8528 |
| 9/26/2016 10:24 | 12.51 | 71.19 | 0 | 0.029 | 0 | 0 | 0 | 0 | 42 | 8.5 | 1.844 | 23.1 | 14.3 | 8.54 | 42.8113 | -78.8528 |
| 9/26/2016 10:23 | 12.51 | 70.28 | 0 | 0.029 | 0 | 0 | 0 | 0 | 42 | 8.5 | 0.969 | 23 | 14.3 | 14.91 | 42.8113 | -78.8528 |
| 9/26/2016 10:22 | 12.52 | 67.31 | 0 | 0.029 | 0 | 0 | 0 | 0 | 43 | 11.1 | 4 | 23.1 | 14.3 | 14.68 | 42.8113 | -78.8528 |
| 9/26/2016 10:21 | 12.52 | 71.58 | 0 | 0.029 | 0 | 0 | 0 | 0 | 42 | 9.4 | 4 | 23 | 14.3 | 14.35 | 42.8113 | -78.8528 |
| 9/26/2016 10:20 | 12.52 | 67.18 | 0 | 0.029 | 0 | 0 | 0 | 0 | 42 | 4.2 | 0.821 | 22.8 | 14.4 | 14.27 | 42.8113 | -78.8528 |
| 9/26/2016 10:19 | 12.48 | 88.76 | 0 | 0.029 | 0 | 0 | 0 | 0 | 42 | 9.8 | 4 | 22.9 | 14.4 | 14.51 | 42.8113 | -78.8528 |
| 9/26/2016 10:18 | 12.51 | 70.28 | 0 | 0.029 | 0 | 0 | 0 | 0 | 42 | 6.9 | 1.236 | 22.9 | 14.4 | 16.02 | 42.8113 | -78.8528 |
| 9/26/2016 10:17 | 12.52 | 74.29 | 0 | 0.029 | 0 | 0 | 0 | 0 | 42 | 8.5 | 1.357 | 22.7 | 14.5 | 16 | 42.8113 | -78.8528 |
| 9/26/2016 10:16 | 12.51 | 66.41 | 0 | 0.029 | 0 | 0 | 0 | 0 | 43 | 8.5 | 0.984 | 22.7 | 14.5 | 16.01 | 42.8113 | -78.8528 |
| 9/26/2016 10:15 | 12.5 | 72.61 | 0 | 0.029 | 0 | 0 | 0 | 0 | 42 | 5.8 | 1.145 | 22.7 | 14.5 | 16.51 | 42.8113 | -78.8528 |
| 9/26/2016 10:14 | 12.5 | 75.19 | 0 | 0.029 | 0 | 0 | 0 | 0 | 43 | 7.4 | 0.732 | 22.7 | 14.6 | 17.71 | 42.8113 | -78.8528 |
| 9/26/2016 10:13 | 12.52 | 72.87 | 0 | 0.029 | 0 | 0 | 0 | 0 | 42 | 9.3 | 1.002 | 22.6 | 14.6 | 17.87 | 42.8113 | -78.8528 |
| 9/26/2016 10:12 | 12.55 | 68.99 | 0 | 0.029 | 0 | 0 | 0 | 0 | 43 | 5 | 0.57 | 22.5 | 14.7 | 19.81 | 42.8113 | -78.8528 |
| 9/26/2016 10:11 | 12.55 | 70.54 | 0 | 0.029 | 0 | 0 | 0 | 0 | 43 | 8.1 | 1.02 | 22.4 | 14.7 | 20.87 | 42.8113 | -78.8528 |
| 9/26/2016 10:10 | 12.55 | 72.87 | 0 | 0.029 | 0 | 0 | 0 | 0 | 43 | 17.1 | 4 | 22.5 | 14.8 | 20.93 | 42.8113 | -78.8528 |
| 9/26/2016 10:09 | 12.55 | 67.7 | 0 | 0.029 | 0 | 0 | 0 | 0 | 43 | 104.1 | 4 | 22.4 | 14.4 | 21.41 | 42.8113 | -78.8528 |
| 9/26/2016 10:08 | 12.53 | 85.27 | 0 | 0.029 | 0 | 0 | 0 | 0 | 43 | 5 | 0.948 | 22.3 | 14.3 | 15.36 | 42.8113 | -78.8528 |

| Timestamp (GMT-4) | Batt. Voltage (V) | Current (mA) | Low (ppm) | Peak (ppm) | STEL (ppm) | TWA (ppm) | VOC (ppm) | VOC (Avg15) (ppm) | Humidity (%) | Mass (µg/m³) | Particle size (µm) | Temperature (℃) | TWA (µg/m³) | Mass (Avg15) (µg/m³) | Latitude | Longitude |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 9/26/2016 10:07 | 12.54 | 70.16 | 0 | 0.029 | 0 | 0 | 0 | 0 | 43 | 6.1 | 0.746 | 22.3 | 14.4 | 15.99 | 42.8113 | -78.8528 |
| 9/26/2016 10:06 | 12.54 | 68.22 | 0 | 0.029 | 0 | 0 | 0 | 0 | 43 | 8.3 | 0.875 | 22.3 | 14.4 | 16.98 | 42.8113 | -78.8528 |
| 9/26/2016 10:05 | 12.53 | 69.25 | 0 | 0.029 | 0 | 0 | 0 | 0 | 43 | 7.8 | 1.234 | 22.2 | 14.5 | 17.97 | 42.8113 | -78.8528 |
| 9/26/2016 10:04 | 12.53 | 68.22 | 0 | 0.029 | 0 | 0 | 0 | 0 | 43 | 32.4 | 4 | 22.2 | 14.5 | 18.07 | 42.8113 | -78.8528 |
| 9/26/2016 10:03 | 12.52 | 72.61 | 0 | 0.029 | 0 | 0 | 0 | 0 | 43 | 6.6 | 0.979 | 22.2 | 14.5 | 16.53 | 42.8113 | -78.8528 |
| 9/26/2016 10:02 | 12.52 | 72.61 | 0 | 0.029 | 0 | 0 | 0 | 0 | 43 | 8.7 | 4 | 22.1 | 14.5 | 16.63 | 42.8113 | -78.8528 |
| 9/26/2016 10:01 | 12.52 | 71.83 | 0 | 0.029 | 0 | 0 | 0 | 0 | 43 | 16 | 4 | 22.1 | 14.5 | 17.21 | 42.8113 | -78.8528 |
| 9/26/2016 10:00 | 12.52 | 67.44 | 0 | 0.029 | 0 | 0 | 0 | 0 | 43 | 23.8 | 4 | 22.1 | 14.5 | 17.51 | 42.8113 | -78.8528 |
| 9/26/2016 9:59 | 12.52 | 67.57 | 0 | 0.029 | 0 | 0 | 0 | 0 | 44 | 9.7 | 4 | 22.1 | 14.4 | 18.31 | 42.8113 | -78.8528 |
| 9/26/2016 9:58 | 12.5 | 72.22 | 0 | 0.029 | 0 | 0 | 0 | 0 | 44 | 38.5 | 4 | 22 | 14.3 | 18.8 | 42.8113 | -78.8528 |
| 9/26/2016 9:57 | 12.51 | 72.74 | 0 | 0.029 | 0 | 0 | 0 | 0 | 43 | 20.9 | 4 | 22 | 14.2 | 16.69 | 42.8113 | -78.8528 |
| 9/26/2016 9:56 | 12.51 | 72.61 | 0 | 0.029 | 0 | 0 | 0 | 0 | 44 | 9 | 1.307 | 22 | 14.2 | 15.9 | 42.8113 | -78.8528 |
| 9/26/2016 9:55 | 12.52 | 64.34 | 0 | 0.029 | 0 | 0 | 0 | 0 | 44 | 24.2 | 4 | 21.9 | 14.2 | 15.97 | 42.8113 | -78.8528 |
| 9/26/2016 9:54 | 12.5 | 79.07 | 0 | 0.029 | 0 | 0 | 0 | 0 | 44 | 13.4 | 4 | 21.9 | 14.2 | 15.23 | 42.8113 | -78.8528 |
| 9/26/2016 9:53 | 12.51 | 71.06 | 0 | 0.029 | 0 | 0 | 0 | 0 | 44 | 14.4 | 4 | 21.7 | 14.2 | 14.91 | 42.8113 | -78.8528 |
| 9/26/2016 9:52 | 12.52 | 67.83 | 0 | 0.029 | 0 | 0 | 0 | 0 | 44 | 21 | 4 | 21.7 | 14.1 | 15.89 | 42.8113 | -78.8528 |
| 9/26/2016 9:51 | 12.51 | 71.32 | 0 | 0.029 | 0 | 0 | 0 | 0 | 44 | 23.1 | 4 | 21.8 | 14 | 15.73 | 42.8113 | -78.8528 |
| 9/26/2016 9:50 | 12.52 | 67.05 | 0 | 0.029 | 0 | 0 | 0 | 0 | 44 | 9.3 | 4 | 21.7 | 14 | 15.09 | 42.8113 | -78.8528 |
| 9/26/2016 9:49 | 12.51 | 68.35 | 0 | 0.029 | 0 | 0 | 0 | 0 | 45 | 9.3 | 4 | 21.7 | 14.1 | 16.34 | 42.8113 | -78.8528 |
| 9/26/2016 9:48 | 12.52 | 69.25 | 0 | 0.029 | 0 | 0 | 0 | 0 | 44 | 8.2 | 4 | 21.6 | 14.1 | 16.57 | 42.8113 | -78.8528 |
| 9/26/2016 9:47 | 12.51 | 67.18 | 0 | 0.029 | 0 | 0 | 0 | 0 | 44 | 17.4 | 4 | 21.6 | 14.1 | 16.78 | 42.8113 | -78.8528 |
| 9/26/2016 9:46 | 12.52 | 71.45 | 0 | 0.029 | 0 | 0 | 0 | 0 | 44 | 20.5 | 4 | 21.6 | 14 | 16.86 | 42.8113 | -78.8528 |
| 9/26/2016 9:45 | 12.5 | 69.12 | 0 | 0.029 | 0 | 0 | 0 | 0 | 44 | 35.8 | 4 | 21.6 | 14 | 17.69 | 42.8113 | -78.8528 |
| 9/26/2016 9:44 | 12.5 | 65.25 | 0 | 0.029 | 0 | 0 | 0 | 0 | 44 | 17 | 4 | 21.5 | 13.9 | 16.4 | 42.8113 | -78.8528 |
| 9/26/2016 9:43 | 12.5 | 70.41 | 0 | 0.029 | 0 | 0 | 0 | 0 | 44 | 6.8 | 0.813 | 21.5 | 13.9 | 16.53 | 42.8113 | -78.8528 |
| 9/26/2016 9:42 | 12.47 | 84.11 | 0 | 0.029 | 0 | 0 | 0 | 0 | 44 | 9.1 | 4 | 21.4 | 13.9 | 16.56 | 42.8113 | -78.8528 |
| 9/26/2016 9:41 | 12.51 | 66.93 | 0 | 0.029 | 0 | 0 | 0 | 0 | 45 | 10.1 | 4 | 21.3 | 13.9 | 17.43 | 42.8113 | -78.8528 |
| 9/26/2016 9:40 | 12.5 | 71.45 | 0 | 0.029 | 0 | 0 | 0 | 0 | 45 | 13.1 | 4 | 21.3 | 13.9 | 17.61 | 42.8113 | -78.8528 |
| 9/26/2016 9:39 | 12.5 | 74.16 | 0 | 0.029 | 0 | 0 | 0 | 0 | 45 | 8.6 | 4 | 21.3 | 13.9 | 18.61 | 42.8113 | -78.8528 |
| 9/26/2016 9:38 | 12.51 | 66.15 | 0 | 0.029 | 0 | 0 | 0 | 0 | 44 | 29.1 | 4 | 21.3 | 13.9 | 19.25 | 42.8113 | -78.8528 |
| 9/26/2016 9:37 | 12.5 | 71.45 | 0 | 0.029 | 0 | 0 | 0 | 0 | 45 | 18.6 | 4 | 21.2 | 13.8 | 18.48 | 42.8113 | -78.8528 |
| 9/26/2016 9:36 | 12.5 | 69.25 | 0 | 0.029 | 0 | 0 | 0 | 0 | 44 | 13.4 | 4 | 21.2 | 13.8 | 20.49 | 42.8113 | -78.8528 |
| 9/26/2016 9:35 | 12.51 | 67.7 | 0 | 0.029 | 0 | 0 | 0 | 0 | 45 | 28.1 | 4 | 21.3 | 13.8 | 25.53 | 42.8113 | -78.8528 |
| 9/26/2016 9:34 | 12.48 | 78.17 | 0 | 0.029 | 0 | 0 | 0 | 0 | 44 | 12.7 | 4 | 21.2 | 13.5 | 24.15 | 42.8113 | -78.8528 |
| 9/26/2016 9:33 | 12.5 | 69.51 | 0 | 0.029 | 0 | 0 | 0 | 0 | 45 | 11.4 | 4 | 21.1 | 13.5 | 24.15 | 42.8113 | -78.8528 |
| 9/26/2016 9:32 | 12.5 | 70.8 | 0 | 0.029 | 0 | 0 | 0 | 0 | 44 | 18.6 | 4 | 21.1 | 13.5 | 24.06 | 42.8113 | -78.8528 |
| 9/26/2016 9:31 | 12.5 | 73.39 | 0 | 0.029 | 0 | 0 | 0 | 0 | 45 | 33 | 4 | 21.1 | 13.5 | 23.63 | 42.8113 | -78.8528 |
| 9/26/2016 9:30 | 12.5 | 67.7 | 0 | 0.029 | 0 | 0 | 0 | 0 | 44 | 16.4 | 4 | 21 | 13.4 | 30.22 | 42.8113 | -78.8528 |
| 9/26/2016 9:29 | 12.5 | 65.5 | 0 | 0.029 | 0 | 0 | 0 | 0 | 45 | 18.9 | 4 | 21.1 | 13.4 | 32.53 | 42.8113 | -78.8528 |
| 9/26/2016 9:28 | 12.5 | 76.74 | 0 | 0.029 | 0 | 0 | 0 | 0 | 44 | 7.3 | 0.736 | 21.1 | 13.4 | 32.11 | 42.8113 | -78.8528 |
| 9/26/2016 9:27 | 12.46 | 93.28 | 0 | 0.029 | 0 | 0 | 0 | 0 | 44 | 22.1 | 4 | 21 | 13.4 | 32.67 | 42.8113 | -78.8528 |
| 9/26/2016 9:26 | 12.49 | 75.45 | 0 | 0.029 | 0 | 0 | 0 | 0 | 46 | 12.9 | 4 | 20.9 | 13.3 | 32 | 42.8113 | -78.8528 |
| 9/26/2016 9:25 | 12.48 | 75.58 | 0 | 0.029 | 0 | 0 | 0 | 0 | 45 | 28.1 | 4 | 21 | 13.3 | 31.93 | 42.8113 | -78.8528 |
| 9/26/2016 9:24 | 12.5 | 70.67 | 0 | 0.029 | 0 | 0 | 0 | 0 | 45 | 18.2 | 4 | 21 | 13.2 | 30.62 | 42.8113 | -78.8528 |
| 9/26/2016 9:23 | 12.49 | 72.22 | 0 | 0.029 | 0 | 0 | 0 | 0 | 45 | 17.5 | 4 | 21 | 13.2 | 30.05 | 42.8113 | -78.8528 |
| 9/26/2016 9:22 | 12.45 | 98.84 | 0 | 0.029 | 0 | 0 | 0 | 0 | 45 | 48.8 | 4 | 20.9 | 13.1 | 29.77 | 42.8113 | -78.8528 |

| Timestamp (GMT-4) | Batt. Voltage (V) | Current (mA) | Low (ppm) | Peak (ppm) | STEL (ppm) | TWA (ppm) | VOC (ppm) | VOC (Avg15) (ppm) | Humidity (%) | Mass (µg/m³) | Particle size (µm) | Temperature (℃) | TWA (µg/m³) | Mass (Avg15) (µg/m³) | Latitude | Longitude |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 9/26/2016 9:21 | 12.5 | 81.01 | 0 | 0.029 | 0 | 0 | 0 | 0 | 45 | 89 | 4 | 20.8 | 12.6 | 27.27 | 42.8113 | -78.8528 |
| 9/26/2016 9:20 | 12.52 | 66.93 | 0 | 0.029 | 0 | 0 | 0 | 0 | 45 | 7.3 | 4 | 20.7 | 12.4 | 22.35 | 42.8113 | -78.8528 |
| 9/26/2016 9:19 | 12.52 | 70.54 | 0 | 0.029 | 0 | 0 | 0 | 0 | 46 | 12.7 | 4 | 20.7 | 12.4 | 22.77 | 42.8113 | -78.8528 |
| 9/26/2016 9:18 | 12.52 | 74.16 | 0 | 0.029 | 0 | 0 | 0 | 0 | 46 | 10.1 | 2.367 | 20.7 | 12.3 | 22.54 | 42.8113 | -78.8528 |
| 9/26/2016 9:17 | 12.51 | 71.32 | 0 | 0.029 | 0 | 0 | 0 | 0 | 46 | 12.1 | 4 | 20.7 | 12.3 | 22.31 | 42.8113 | -78.8528 |
| 9/26/2016 9:16 | 12.52 | 69.64 | 0 | 0.029 | 0 | 0 | 0 | 0 | 46 | 131.9 | 4 | 20.7 | 12.2 | 22.53 | 42.8113 | -78.8528 |
| 9/26/2016 9:15 | 12.5 | 77.91 | 0 | 0.029 | 0 | 0 | 0 | 0 | 46 | 51.1 | 4 | 20.6 | 11.9 | 14.33 | 42.8113 | -78.8528 |
| 9/26/2016 9:14 | 12.51 | 71.45 | 0 | 0.029 | 0 | 0 | 0 | 0 | 45 | 12.5 | 4 | 20.6 | 11.4 | 11.63 | 42.8113 | -78.8528 |
| 9/26/2016 9:13 | 12.51 | 69.51 | 0 | 0.029 | 0 | 0 | 0 | 0 | 45 | 15.7 | 4 | 20.6 | 11.4 | 12.1 | 42.8113 | -78.8528 |
| 9/26/2016 9:12 | 12.51 | 71.96 | 0 | 0.029 | 0 | 0 | 0 | 0 | 46 | 12.1 | 4 | 20.6 | 11.2 | 11.62 | 42.8113 | -78.8528 |
| 9/26/2016 9:11 | 12.52 | 70.41 | 0 | 0.029 | 0 | 0 | 0 | 0 | 46 | 11.9 | 4 | 20.6 | 11.2 | 11.87 | 42.8113 | -78.8528 |
| 9/26/2016 9:10 | 12.53 | 68.99 | 0 | 0.029 | 0 | 0 | 0 | 0 | 45 | 8.4 | 1.701 | 20.5 | 11.2 | 11.69 | 42.8113 | -78.8528 |
| 9/26/2016 9:09 | 12.55 | 68.73 | 0 | 0.029 | 0 | 0 | 0 | 0 | 46 | 9.7 | 4 | 20.5 | 11.2 | 11.87 | 42.8113 | -78.8528 |
| 9/26/2016 9:08 | 12.53 | 73.39 | 0 | 0.029 | 0 | 0 | 0 | 0 | 46 | 13.2 | 3.085 | 20.5 | 11.2 | 12.33 | 42.8113 | -78.8528 |
| 9/26/2016 9:07 | 12.56 | 69.77 | 0 | 0.029 | 0 | 0 | 0 | 0 | 46 | 11.3 | 4 | 20.5 | 11.2 | 11.95 | 42.8113 | -78.8528 |
| 9/26/2016 9:06 | 12.56 | 72.35 | 0 | 0.029 | 0 | 0 | 0 | 0 | 46 | 15.3 | 4 | 20.4 | 11.2 | 11.91 | 42.8113 | -78.8528 |
| 9/26/2016 9:05 | 12.57 | 70.03 | 0 | 0.029 | 0 | 0 | 0 | 0 | 46 | 13.6 | 4 | 20.4 | 11.2 | 11.63 | 42.8113 | -78.8528 |
| 9/26/2016 9:04 | 12.6 | 70.93 | 0 | 0.029 | 0 | 0 | 0 | 0 | 46 | 9.2 | 4 | 20.3 | 11.2 | 12.78 | 42.8113 | -78.8528 |
| 9/26/2016 9:03 | 12.59 | 70.67 | 0 | 0.029 | 0 | 0 | 0 | 0 | 45 | 6.6 | 1.536 | 20.3 | 11.2 | 12.89 | 42.8113 | -78.8528 |
| 9/26/2016 9:02 | 12.59 | 77.26 | 0 | 0.029 | 0 | 0 | 0 | 0 | 46 | 15.5 | 4 | 20.3 | 11.2 | 13.53 | 42.8113 | -78.8528 |
| 9/26/2016 9:01 | 12.59 | 78.17 | 0 | 0.029 | 0 | 0 | 0 | 0 | 46 | 8.8 | 4 | 20.3 | 11.2 | 14.12 | 42.8113 | -78.8528 |
| 9/26/2016 9:00 | 12.59 | 74.68 | 0 | 0.029 | 0 | 0 | 0 | 0 | 45 | 10.7 | 4 | 20.3 | 11.2 | 13.94 | 42.8113 | -78.8528 |
| 9/26/2016 8:59 | 12.57 | 88.89 | 0 | 0.029 | 0 | 0 | 0 | 0 | 46 | 19.5 | 4 | 20.3 | 11.2 | 14.1 | 42.8113 | -78.8528 |
| 9/26/2016 8:58 | 12.6 | 67.7 | 0 | 0.029 | 0 | 0 | 0 | 0 | 46 | 8.5 | 2.598 | 20.2 | 11.2 | 14.41 | 42.8113 | -78.8528 |
| 9/26/2016 8:57 | 12.59 | 72.61 | 0 | 0.029 | 0 | 0 | 0 | 0 | 46 | 15.9 | 4 | 20.2 | 11.2 | 14.57 | 42.8113 | -78.8528 |
| 9/26/2016 8:56 | 12.59 | 66.93 | 0 | 0.029 | 0 | 0 | 0 | 0 | 45 | 9.2 | 4 | 20.1 | 11.2 | 15.47 | 42.8113 | -78.8528 |
| 9/26/2016 8:55 | 12.59 | 67.31 | 0 | 0.029 | 0 | 0 | 0 | 0 | 46 | 11.1 | 4 | 20.1 | 11.1 | 15.29 | 42.8113 | -78.8528 |
| 9/26/2016 8:54 | 12.57 | 70.16 | 0 | 0.029 | 0 | 0 | 0 | 0 | 46 | 16.6 | 4 | 20.1 | 11 | 15.22 | 42.8113 | -78.8528 |
| 9/26/2016 8:53 | 12.58 | 71.19 | 0 | 0.029 | 0 | 0 | 0 | 0 | 46 | 7.4 | 2.745 | 20.1 | 11 | 14.94 | 42.8113 | -78.8528 |
| 9/26/2016 8:52 | 12.59 | 66.15 | 0 | 0.029 | 0 | 0 | 0 | 0 | 46 | 10.7 | 4 | 20.1 | 11 | 14.99 | 42.8113 | -78.8528 |
| 9/26/2016 8:51 | 12.57 | 69.12 | 0 | 0.029 | 0 | 0 | 0 | 0 | 46 | 11.1 | 1.512 | 20.1 | 11 | 15.71 | 42.8113 | -78.8528 |
| 9/26/2016 8:50 | 12.59 | 65.89 | 0 | 0.029 | 0 | 0 | 0 | 0 | 45 | 30.9 | 4 | 20.2 | 11 | 17.23 | 42.8113 | -78.8528 |
| 9/26/2016 8:49 | 12.58 | 69.77 | 0 | 0.029 | 0 | 0 | 0 | 0 | 46 | 10.9 | 4 | 20.1 | 10.9 | 16.29 | 42.8113 | -78.8528 |
| 9/26/2016 8:48 | 12.58 | 69.77 | 0 | 0.029 | 0 | 0 | 0 | 0 | 45 | 16.1 | 4 | 20.1 | 10.9 | 19.69 | 42.8113 | -78.8528 |
| 9/26/2016 8:47 | 12.58 | 70.03 | 0 | 0.029 | 0 | 0 | 0 | 0 | 45 | 24.4 | 4 | 20.1 | 10.7 | 20.52 | 42.8113 | -78.8528 |
| 9/26/2016 8:46 | 12.6 | 66.93 | 0 | 0.029 | 0 | 0 | 0 | 0 | 46 | 6.1 | 0.701 | 20 | 10.7 | 19.39 | 42.8113 | -78.8528 |
| 9/26/2016 8:45 | 12.59 | 67.18 | 0 | 0.029 | 0 | 0 | 0 | 0 | 45 | 13.1 | 4 | 20.1 | 10.6 | 19.63 | 42.8113 | -78.8528 |
| 9/26/2016 8:44 | 12.59 | 71.45 | 0 | 0.029 | 0 | 0 | 0 | 0 | 46 | 24.1 | 4 | 20.1 | 10.5 | 19.48 | 42.8113 | -78.8528 |
| 9/26/2016 8:43 | 12.59 | 71.06 | 0 | 0.029 | 0 | 0 | 0 | 0 | 45 | 11 | 4 | 20.1 | 10.5 | 18.53 | 42.8113 | -78.8528 |
| 9/26/2016 8:42 | 12.59 | 68.86 | 0 | 0.029 | 0 | 0 | 0 | 0 | 45 | 29.3 | 4 | 20.1 | 10.3 | 19.09 | 42.8113 | -78.8528 |
| 9/26/2016 8:41 | 12.59 | 66.41 | 0 | 0.029 | 0 | 0 | 0 | 0 | 46 | 6.5 | 0.494 | 20 | 10.1 | 18.04 | 42.8113 | -78.8528 |
| 9/26/2016 8:40 | 12.59 | 69.9 | 0 | 0.029 | 0 | 0 | 0 | 0 | 45 | 10.1 | 1.844 | 20 | 10.1 | 18.59 | 42.8113 | -78.8528 |
| 9/26/2016 8:39 | 12.59 | 68.86 | 0 | 0.029 | 0 | 0 | 0 | 0 | 45 | 12.4 | 4 | 19.9 | 10.2 | 19.03 | 42.8113 | -78.8528 |
| 9/26/2016 8:38 | 12.59 | 66.02 | 0 | 0.029 | 0 | 0 | 0 | 0 | 45 | 8.1 | 1.064 | 20 | 10.1 | 18.97 | 42.8113 | -78.8528 |
| 9/26/2016 8:37 | 12.59 | 70.28 | 0 | 0.029 | 0 | 0 | 0 | 0 | 45 | 21.6 | 4 | 20 | 10.1 | 19.02 | 42.8113 | -78.8528 |
| 9/26/2016 8:36 | 12.59 | 76.49 | 0 | 0.029 | 0 | 0 | 0 | 0 | 45 | 33.8 | 4 | 20.1 | 10 | 18.16 | 42.8113 | -78.8528 |

| Timestamp (GMT-4) | Batt. Voltage (V) | Current (mA) | Low (ppm) | Peak (ppm) | STEL (ppm) | TWA (ppm) | VOC (ppm) | VOC (Avg15) (ppm) | Humidity (%) | Mass (µg/m³) | Particle size (µm) | Temperature (°C) | TWA (µg/m³) | Mass (Avg15) (µg/m³) | Latitude | Longitude |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 9/26/2016 8:35 | 12.59 | 69.77 | 0 | 0.029 | 0 | 0 | 0 | 0 | 45 | 16.9 | 4 | 20 | 9.9 | 16.99 | 42.8113 | -78.8528 |
| 9/26/2016 8:34 | 12.59 | 72.87 | 0 | 0.029 | 0 | 0 | 0 | 0 | 45 | 61.8 | 4 | 20 | 9.8 | 16.22 | 42.8113 | -78.8528 |
| 9/26/2016 8:33 | 12.59 | 68.48 | 0 | 0.029 | 0 | 0 | 0 | 0 | 46 | 28.6 | 4 | 19.9 | 9.7 | 12.65 | 42.8113 | -78.8528 |
| 9/26/2016 8:32 | 12.59 | 71.32 | 0 | 0.029 | 0 | 0 | 0 | 0 | 45 | 7.4 | 1.316 | 19.9 | 9.5 | 11.31 | 42.8113 | -78.8528 |
| 9/26/2016 8:31 | 12.59 | 70.54 | 0 | 0.029 | 0 | 0 | 0 | 0 | 45 | 9.8 | 4 | 20 | 9.6 | 11.65 | 42.8113 | -78.8528 |
| 9/26/2016 8:30 | 12.59 | 68.73 | 0 | 0.029 | 0 | 0 | 0 | 0 | 45 | 10.8 | 3.604 | 20 | 9.5 | 11.48 | 42.8113 | -78.8528 |
| 9/26/2016 8:29 | 12.59 | 64.6 | 0 | 0.029 | 0 | 0 | 0 | 0 | 45 | 9.9 | 1.302 | 20 | 9.5 | 11.34 | 42.8113 | -78.8528 |
| 9/26/2016 8:28 | 12.59 | 70.16 | 0 | 0.029 | 0 | 0 | 0 | 0 | 45 | 19.3 | 4 | 20 | 9.4 | 11.1 | 42.8113 | -78.8528 |
| 9/26/2016 8:27 | 12.59 | 77.26 | 0 | 0.029 | 0 | 0 | 0 | 0 | 45 | 13.6 | 4 | 20 | 9.3 | 10.22 | 42.8113 | -78.8528 |
| 9/26/2016 8:26 | 12.59 | 69.9 | 0 | 0.029 | 0 | 0 | 0 | 0 | 45 | 14.8 | 4 | 20 | 9.2 | 9.99 | 42.8113 | -78.8528 |
| 9/26/2016 8:25 | 12.59 | 69.25 | 0 | 0.029 | 0 | 0 | 0 | 0 | 45 | 16.6 | 4 | 20 | 9.1 | 9.49 | 42.8113 | -78.8528 |
| 9/26/2016 8:24 | 12.59 | 77.91 | 0 | 0.029 | 0 | 0 | 0 | 0 | 44 | 11.5 | 4 | 20 | 8.9 | 8.77 | 42.8113 | -78.8528 |
| 9/26/2016 8:23 | 12.59 | 72.48 | 0 | 0.029 | 0 | 0 | 0 | 0 | 45 | 8.9 | 4 | 20 | 8.9 | 8.57 | 42.8113 | -78.8528 |
| 9/26/2016 8:22 | 12.59 | 70.03 | 0 | 0.029 | 0 | 0 | 0 | 0 | 45 | 8.7 | 1.356 | 20 | 8.9 | 8.74 | 42.8113 | -78.8528 |
| 9/26/2016 8:21 | 12.59 | 76.74 | 0 | 0.029 | 0 | 0 | 0 | 0 | 44 | 16.3 | 4 | 20 | 8.9 | 9.44 | 42.8113 | -78.8528 |
| 9/26/2016 8:20 | 12.59 | 69.38 | 0 | 0.029 | 0 | 0 | 0 | 0 | 45 | 5.3 | 0.806 | 20 | 8.8 | 8.98 | 42.8113 | -78.8528 |
| 9/26/2016 8:19 | 12.6 | 68.99 | 0 | 0.029 | 0 | 0 | 0 | 0 | 45 | 8.2 | 0.87 | 20 | 8.9 | 9.83 | 42.8113 | -78.8528 |
| 9/26/2016 8:18 | 12.59 | 70.54 | 0 | 0.029 | 0 | 0 | 0 | 0 | 45 | 8.6 | 1.62 | 20 | 8.9 | 9.65 | 42.8113 | -78.8528 |
| 9/26/2016 8:17 | 12.58 | 82.17 | 0 | 0.029 | 0 | 0 | 0 | 0 | 45 | 12.4 | 4 | 20 | 8.9 | 9.39 | 42.8113 | -78.8528 |
| 9/26/2016 8:16 | 12.59 | 74.81 | 0 | 0.029 | 0 | 0 | 0 | 0 | 44 | 7.3 | 1.123 | 20 | 8.9 | 8.98 | 42.8113 | -78.8528 |
| 9/26/2016 8:15 | 12.59 | 71.06 | 0 | 0.029 | 0 | 0 | 0 | 0 | 45 | 8.7 | 1.912 | 20 | 8.9 | 8.86 | 42.8113 | -78.8528 |
| 9/26/2016 8:14 | 12.59 | 73.39 | 0 | 0.029 | 0 | 0 | 0 | 0 | 45 | 6.3 | 0.994 | 20.1 | 9 | 8.89 | 42.8113 | -78.8528 |
| 9/26/2016 8:13 | 12.59 | 73.51 | 0 | 0.029 | 0 | 0 | 0 | 0 | 44 | 6.1 | 1.073 | 20 | 9 | 8.85 | 42.8113 | -78.8528 |
| 9/26/2016 8:12 | 12.57 | 81.91 | 0 | 0.029 | 0 | 0 | 0 | 0 | 44 | 10.1 | 1.451 | 20.1 | 8.9 | 8.81 | 42.8113 | -78.8528 |
| 9/26/2016 8:11 | 12.59 | 68.99 | 0 | 0.029 | 0 | 0 | 0 | 0 | 45 | 7.4 | 2.18 | 20 | 8.9 | 8.41 | 42.8113 | -78.8528 |
| 9/26/2016 8:10 | 12.58 | 72.61 | 0 | 0.029 | 0 | 0 | 0 | 0 | 44 | 5.7 | 0.69 | 20 | 9 | 8.32 | 42.8113 | -78.8528 |
| 9/26/2016 8:09 | 12.57 | 74.29 | 0 | 0.029 | 0 | 0 | 0 | 0 | 44 | 8.6 | 1.139 | 20.1 | 9 | 8.71 | 42.8113 | -78.8528 |
| 9/26/2016 8:08 | 12.57 | 75.84 | 0 | 0.029 | 0 | 0 | 0 | 0 | 44 | 11.4 | 4 | 20.1 | 9 | 8.87 | 42.8113 | -78.8528 |
| 9/26/2016 8:07 | 12.57 | 73.39 | 0 | 0.029 | 0 | 0 | 0 | 0 | 44 | 19.2 | 4 | 20.1 | 9 | 8.68 | 42.8113 | -78.8528 |
| 9/26/2016 8:06 | 12.57 | 69.77 | 0 | 0.029 | 0 | 0 | 0 | 0 | 44 | 9.4 | 1.178 | 20.1 | 8.9 | 7.99 | 42.8113 | -78.8528 |
| 9/26/2016 8:05 | 12.55 | 86.43 | 0 | 0.029 | 0 | 0 | 0 | 0 | 44 | 18.1 | 4 | 20.2 | 8.8 | 7.69 | 42.8112 | -78.8528 |
| 9/26/2016 8:04 | 12.56 | 68.6 | 0 | 0.029 | 0 | 0 | 0 | 0 | 43 | 5.5 | 0.621 | 20.2 | 8.7 | 7.02 | 42.8112 | -78.8528 |
| 9/26/2016 8:03 | 12.55 | 67.31 | 0 | 0.029 | 0 | 0 | 0 | 0 | 43 | 4.6 | 0.93 | 20.2 | 8.8 | 7.37 | 42.8112 | -78.8528 |
| 9/26/2016 8:02 | 12.55 | 66.8 | 0 | 0.029 | 0 | 0 | 0 | 0 | 44 | 6.3 | 0.761 | 20.2 | 8.8 | 7.43 | 42.8112 | -78.8528 |
| 9/26/2016 8:01 | 12.52 | 73.13 | 0 | 0.029 | 0 | 0 | 0 | 0 | 42 | 5.5 | 1.148 | 20.3 | 8.9 | 7.39 | 42.8113 | -78.8528 |
| 9/26/2016 8:00 | 12.52 | 70.8 | 0 | 0.029 | 0 | 0 | 0 | 0 | 43 | 9.2 | 1.225 | 20.3 | 8.9 | 7.79 | 42.8113 | -78.8528 |
| 9/26/2016 7:59 | 12.52 | 66.54 | 0 | 0.029 | 0 | 0 | 0 | 0 | 44 | 5.7 | 0.675 | 20.3 | 9 | 7.74 | 42.8113 | -78.8528 |
| 9/26/2016 7:58 | 12.52 | 67.18 | 0 | 0.029 | 0 | 0 | 0 | 0 | 43 | 5.4 | 0.747 | 20.3 | 9 | 7.9 | 42.8113 | -78.8528 |
| 9/26/2016 7:57 | 12.52 | 69.25 | 0 | 0.029 | 0 | 0 | 0 | 0 | 43 | 4.2 | 0.593 | 20.3 | 9.1 | 7.99 | 42.8113 | -78.8529 |
| 9/26/2016 7:56 | 12.51 | 74.03 | 0 | 0.029 | 0 | 0 | 0 | 0 | 43 | 6 | 1.037 | 20.3 | 9.2 | 8.11 | 42.8113 | -78.8529 |
| 9/26/2016 7:55 | 12.53 | 71.96 | 0 | 0.029 | 0 | 0 | 0 | 0 | 43 | 11.5 | 4 | 20.4 | 9.2 | 8.05 | 42.8113 | -78.8529 |
| 9/26/2016 7:54 | 12.49 | 87.08 | 0 | 0.029 | 0 | 0 | 0 | 0 | 42 | 11.1 | 4 | 20.4 | 9.2 | 7.97 | 42.8113 | -78.8529 |
| 9/26/2016 7:53 | 12.52 | 67.83 | 0 | 0.029 | 0 | 0 | 0 | 0 | 43 | 8.5 | 4 | 20.5 | 8.9 | 7.75 | 42.8113 | -78.8529 |
| 9/26/2016 7:52 | 12.53 | 68.22 | 0 | 0.029 | 0 | 0 | 0 | 0 | 43 | 8.8 | 1.571 | 20.5 | 8.7 | 7.71 | 42.8113 | -78.8528 |
| 9/26/2016 7:51 | 12.52 | 70.03 | 0 | 0.029 | 0 | 0 | 0 | 0 | 43 | 4.9 | 0.543 | 20.6 | 8.2 | 7.79 | 42.8113 | -78.8528 |
| 9/26/2016 7:50 | 12.52 | 66.67 | 0 | 0.029 | 0 | 0 | 0 | 0 | 42 | 8.1 | 1.625 | 20.6 | 8.3 | 9.49 | 42.8113 | -78.8528 |

| Timestamp (GMT-4) | Batt. Voltage (V) | Current (mA) | Low (ppm) | Peak (ppm) | STEL (ppm) | TWA (ppm) | VOC (ppm) | VOC (Avg15) (ppm) | Humidity (%) | Mass (µg/m³) | Particle size (µm) | Temperature (℃) | TWA (µg/m³) | Mass (Avg15) (µg/m³) | Latitude | Longitude |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 9/26/2016 7:49 | 12.51 | 71.32 | 0 | 0.029 | 0 | 0 | 0 | 0 | 42 | 10.7 | 4 | 20.6 | 8.2 | 9.59 | 42.8113 | -78.8528 |
| 9/26/2016 7:48 | 12.52 | 68.22 | 0 | 0.029 | 0 | 0 | 0 | 0 | 42 | 5.5 | 0.81 | 20.6 | 8.1 | 9.47 | 42.8113 | -78.8528 |
| 9/26/2016 7:47 | 12.51 | 68.73 | 0 | 0.029 | 0 | 0 | 0 | 0 | 42 | 5.8 | 0.665 | 20.7 | 8.2 | 9.63 | 42.8113 | -78.8528 |
| 9/26/2016 7:46 | 12.52 | 71.96 | 0 | 0.029 | 0 | 0 | 0 | 0 | 42 | 11.5 | 2.826 | 20.7 | 8.2 | 9.73 | 42.8113 | -78.8528 |
| 9/26/2016 7:45 | 12.5 | 84.75 | 0 | 0.029 | 0 | 0 | 0 | 0 | 42 | 8.4 | 2.498 | 20.7 | 8.2 | 9.57 | 42.8113 | -78.8528 |
| 9/26/2016 7:44 | 12.52 | 71.32 | 0 | 0.029 | 0 | 0 | 0 | 0 | 41 | 8.1 | 1.654 | 20.8 | 8.2 | 9.9 | 42.8113 | -78.8528 |
| 9/26/2016 7:43 | 12.51 | 69.64 | 0 | 0.029 | 0 | 0 | 0 | 0 | 42 | 6.8 | 1.677 | 20.8 | 8.2 | 9.8 | 42.8113 | -78.8528 |
| 9/26/2016 7:42 | 12.48 | 87.6 | 0 | 0.029 | 0 | 0 | 0 | 0 | 42 | 5.9 | 0.64 | 20.8 | 8.3 | 9.73 | 42.8113 | -78.8528 |
| 9/26/2016 7:41 | 12.52 | 70.93 | 0 | 0.029 | 0 | 0 | 0 | 0 | 42 | 5.1 | 0.54 | 20.8 | 8.4 | 9.65 | 42.8113 | -78.8528 |
| 9/26/2016 7:40 | 12.52 | 70.67 | 0 | 0.029 | 0 | 0 | 0 | 0 | 42 | 10.3 | 4 | 21 | 8.4 | 9.67 | 42.8113 | -78.8528 |
| 9/26/2016 7:39 | 12.5 | 76.62 | 0 | 0.029 | 0 | 0 | 0 | 0 | 41 | 7.8 | 2.819 | 21 | 8.4 | 9.63 | 42.8113 | -78.8528 |
| 9/26/2016 7:38 | 12.5 | 70.93 | 0 | 0.029 | 0 | 0 | 0 | 0 | 42 | 7.9 | 4 | 21 | 8.4 | 9.62 | 42.8113 | -78.8528 |
| 9/26/2016 7:37 | 12.51 | 68.86 | 0 | 0.029 | 0 | 0 | 0 | 0 | 42 | 10 | 4 | 21 | 8.4 | 9.42 | 42.8113 | -78.8528 |
| 9/26/2016 7:36 | 12.52 | 70.16 | 0 | 0.029 | 0 | 0 | 0 | 0 | 42 | 30.5 | 4 | 21 | 8.3 | 9.13 | 42.8113 | -78.8528 |
| 9/26/2016 7:35 | 12.51 | 68.86 | 0 | 0.029 | 0 | 0 | 0 | 0 | 41 | 9.6 | 1.378 | 21 | 8 | 7.43 | 42.8113 | -78.8528 |
| 9/26/2016 7:34 | 12.5 | 67.96 | 0 | 0.029 | 0 | 0 | 0 | 0 | 42 | 8.8 | 1.01 | 21.1 | 7.9 | 7.09 | 42.8113 | -78.8528 |
| 9/26/2016 7:33 | 12.51 | 67.44 | 0 | 0.029 | 0 | 0 | 0 | 0 | 41 | 8 | 1.12 | 21.2 | 7.8 | 6.84 | 42.8113 | -78.8528 |
| 9/26/2016 7:32 | 12.5 | 72.61 | 0 | 0.029 | 0 | 0 | 0 | 0 | 41 | 7.3 | 0.845 | 21.2 | 7.8 | 7.6 | 42.8113 | -78.8528 |
| 9/26/2016 7:31 | 12.49 | 71.83 | 0 | 0.029 | 0 | 0 | 0 | 0 | 42 | 9 | 1.079 | 21.2 | 7.8 | 8.29 | 42.8113 | -78.8528 |
| 9/26/2016 7:30 | 12.49 | 68.22 | 0 | 0.029 | 0 | 0 | 0 | 0 | 41 | 13.4 | 4 | 21.2 | 7.6 | 8.15 | 42.8113 | -78.8528 |
| 9/26/2016 7:29 | 12.48 | 74.29 | 0 | 0.029 | 0 | 0 | 0 | 0 | 41 | 6.6 | 0.718 | 21.2 | 7.5 | 7.64 | 42.8113 | -78.8528 |
| 9/26/2016 7:28 | 12.49 | 66.67 | 0 | 0.029 | 0 | 0 | 0 | 0 | 41 | 5.7 | 0.747 | 21.2 | 7.5 | 7.55 | 42.8113 | -78.8528 |
| 9/26/2016 7:27 | 12.48 | 71.58 | 0 | 0.029 | 0 | 0 | 0 | 0 | 41 | 4.8 | 0.635 | 21.3 | 7.6 | 7.63 | 42.8113 | -78.8528 |
| 9/26/2016 7:26 | 12.49 | 68.48 | 0 | 0.029 | 0 | 0 | 0 | 0 | 41 | 5.3 | 0.757 | 21.4 | 7.8 | 7.83 | 42.8113 | -78.8528 |
| 9/26/2016 7:25 | 12.48 | 68.22 | 0 | 0.029 | 0 | 0 | 0 | 0 | 41 | 9.7 | 1.084 | 21.3 | 7.9 | 8.2 | 42.8113 | -78.8528 |
| 9/26/2016 7:24 | 12.47 | 71.06 | 0 | 0.029 | 0 | 0 | 0 | 0 | 41 | 7.7 | 4 | 21.3 | 8 | 8.09 | 42.8113 | -78.8528 |
| 9/26/2016 7:23 | 12.48 | 65.89 | 0 | 0.029 | 0 | 0 | 0 | 0 | 41 | 4.9 | 0.678 | 21.3 | 8.1 | 8.12 | 42.8113 | -78.8528 |
| 9/26/2016 7:22 | 12.46 | 76.74 | 0 | 0.029 | 0 | 0 | 0 | 0 | 41 | 5.7 | 3.511 | 21.5 | 8.3 | 8.39 | 42.8113 | -78.8528 |
| 9/26/2016 7:21 | 12.46 | 75.32 | 0 | 0.029 | 0 | 0 | 0 | 0 | 41 | 4.9 | 0.654 | 21.4 | 8.5 | 8.64 | 42.8113 | -78.8528 |
| 9/26/2016 7:20 | 12.46 | 69.38 | 0 | 0.029 | 0 | 0 | 0 | 0 | 41 | 4.6 | 0.676 | 21.4 | 8.9 | 9.01 | 42.8113 | -78.8528 |
| 9/26/2016 7:19 | 12.44 | 83.72 | 0 | 0.029 | 0 | 0 | 0 | 0 | 41 | 5 | 2.515 | 21.5 | 9.2 | 9.5 | 42.8113 | -78.8528 |
| 9/26/2016 7:18 | 12.44 | 77.91 | 0 | 0.029 | 0 | 0 | 0 | 0 | 40 | 19.4 | 4 | 21.5 | 9.2 | 10.06 | 42.8113 | -78.8528 |
| 9/26/2016 7:17 | 12.45 | 70.03 | 0 | 0.029 | 0 | 0 | 0 | 0 | 42 | 17.7 | 1.914 | 21.5 | 8.5 | 8.73 | 42.8113 | -78.8528 |
| 9/26/2016 7:16 | 12.42 | 85.79 | 0 | 0.029 | 0 | 0 | 0 | 0 | 41 | 6.9 | 1.041 | 21.5 | 8.4 | 7.23 | 42.8113 | -78.8528 |
| 9/26/2016 7:15 | 12.44 | 79.33 | 0 | 0.029 | 0 | 0 | 0 | 0 | 41 | 5.7 | 1.318 | 21.5 | 8.9 | 7.3 | 42.8113 | -78.8528 |
| 9/26/2016 7:14 | 12.44 | 83.46 | 0 | 0.029 | 0 | 0 | 0 | 0 | 41 | 5.2 | 0.696 | 21.5 | 9.4 | 7.7 | 42.8113 | -78.8528 |
| 9/26/2016 7:13 | 12.46 | 71.32 | 0 | 0.029 | 0 | 0 | 0 | 0 | 40 | 6.9 | 0.783 | 21.6 | 10.3 | 8.53 | 42.8113 | -78.8528 |
| 9/26/2016 7:12 | 12.49 | 74.81 | 0 | 0.029 | 0 | 0 | 0 | 0 | 41 | 7.9 | 1.282 | 21.6 | 11.2 | 9.35 | 42.8113 | -78.8528 |
| 9/26/2016 7:11 | 12.55 | 69.25 | 0 | 0.029 | 0 | 0 | 0 | 0 | 41 | 10.8 | 4 | 21.6 | 12.6 | 10.8 | 42.8113 | -78.8528 |
| 9/26/2016 7:10 | 12.55 | 82.69 | 0 | 0.029 | 0 | 0 | 0 | 0 | | | | | | | 42.8113 | -78.8528 |

| Timestamp (GMT-4) | Batt. Voltage (V) | Current (mA) | Low (ppm) | Peak (ppm) | STEL (ppm) | TWA (ppm) | VOC (ppm) | VOC (Avg15) (ppm) | Humidity (%) | Mass (µg/m³) | Particle size (µm) | Temperature (°C) | TWA (µg/m³) | Mass (Avg15) (µg/m³) | Latitude | Longitude |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 9/27/2016 15:05 | 12.46 | 69.51 | | | | | | | | | | | 0 | | 42.8113 | -78.8529 |
| 9/27/2016 15:04 | 12.55 | 76.49 | 0 | 0 | 0 | 0 | 0 | 0 | 40 | 3133.9 | 2.012 | 29.9 | 1.5 | 223.85 | 42.8113 | -78.8528 |
| 9/27/2016 15:03 | 12.57 | 68.86 | 0 | 0 | 0 | 0 | 0 | 0 | 38 | 0 | 0.337 | 29.9 | 0 | 0 | 42.8113 | -78.8528 |
| 9/27/2016 15:01 | 12.57 | 67.05 | | | | | | | 39 | 0 | 0.337 | 30 | 0 | 0 | 42.8113 | -78.8528 |
| 9/27/2016 15:00 | 12.56 | 71.32 | 0 | 0 | 0 | 0 | 0 | 0 | 39 | 0 | 0.337 | 29.9 | 0 | 0 | 42.8113 | -78.8528 |
| 9/27/2016 14:59 | 12.56 | 74.68 | 0 | 0 | 0 | 0 | 0 | 0 | 38 | 0 | 0.337 | 29.8 | 0 | 0 | 42.8113 | -78.8528 |
| 9/27/2016 14:58 | 12.57 | 68.48 | 0 | 0 | 0 | 0 | 0 | 0 | 38 | 0 | 0.337 | 29.8 | 0 | 0 | 42.8113 | -78.8528 |
| 9/27/2016 14:57 | 12.57 | 69.77 | 0 | 0 | 0 | 0 | 0 | 0 | 38 | 0 | 0.337 | 30 | 0 | 0 | 42.8113 | -78.8528 |
| 9/27/2016 14:56 | 12.56 | 71.06 | 0 | 0 | 0 | 0 | 0 | 0 | 38 | 0 | 0.337 | 29.8 | 0 | 0 | 42.8113 | -78.8528 |
| 9/27/2016 14:55 | 12.57 | 67.31 | 0 | 0 | 0 | 0 | 0 | 0 | 38 | 0 | 0.337 | 29.9 | 0 | 0 | 42.8113 | -78.8528 |
| 9/27/2016 14:54 | 12.57 | 71.06 | 0 | 0 | 0 | 0 | 0 | 0 | 39 | 0 | 0.337 | 29.9 | 0 | 0 | 42.8113 | -78.8528 |
| 9/27/2016 14:53 | 12.55 | 80.49 | 0 | 0 | 0 | 0 | 0 | 0 | 38 | 0 | 0.337 | 29.8 | 0 | 0 | 42.8113 | -78.8528 |
| 9/27/2016 14:52 | 12.55 | 78.68 | 0 | 0 | 0 | 0 | 0 | 0 | 39 | 0 | 0.337 | 29.9 | 0 | 0 | 42.8113 | -78.8528 |
| 9/27/2016 14:51 | 12.56 | 76.1 | 0 | 0 | 0 | 0 | 0 | 0 | 38 | 0 | 0.337 | 29.8 | 0 | 0 | 42.8113 | -78.8528 |
| 9/27/2016 14:50 | 12.57 | 71.19 | 0 | 0 | 0 | 0 | 0 | 0 | 38 | 0 | 0.337 | 29.9 | 0 | 0 | 42.8113 | -78.8528 |
| 9/27/2016 14:49 | 12.56 | 71.19 | 0 | 0 | 0 | 0 | 0 | 0 | 38 | 0 | 0.337 | 29.8 | 0 | 0 | 42.8113 | -78.8528 |
| 9/27/2016 14:48 | 12.56 | 78.17 | 0 | 0 | 0 | 0 | 0 | 0 | 38 | 0 | 0.337 | 29.8 | 0 | 0 | 42.8113 | -78.8528 |
| 9/27/2016 14:47 | 12.58 | 66.28 | 0 | 0 | 0 | 0 | 0 | 0 | 38 | 0 | 0.337 | 29.8 | 0 | 0 | 42.8113 | -78.8528 |
| 9/27/2016 14:46 | 12.56 | 75.97 | 0 | 0 | 0 | 0 | 0 | 0 | 39 | 0 | 0.337 | 29.8 | 0 | 0 | 42.8113 | -78.8528 |
| 9/27/2016 14:45 | 12.57 | 68.86 | 0 | 0 | 0 | 0 | 0 | 0 | 38 | 0 | 0.337 | 29.8 | 0 | 0 | 42.8113 | -78.8528 |
| 9/27/2016 14:44 | 12.57 | 71.83 | 0 | 0 | 0 | 0 | 0 | 0 | 39 | 0 | 0.337 | 29.7 | 0 | 0 | 42.8113 | -78.8528 |
| 9/27/2016 14:43 | 12.57 | 70.8 | 0 | 0 | 0 | 0 | 0 | 0 | 39 | 0 | 0.337 | 29.9 | 0 | 0 | 42.8113 | -78.8528 |
| 9/27/2016 14:42 | 12.55 | 78.04 | 0 | 0 | 0 | 0 | 0 | 0 | 38 | 0 | 0.337 | 29.7 | 0 | 0 | 42.8113 | -78.8528 |
| 9/27/2016 14:41 | 12.57 | 67.96 | 0 | 0 | 0 | 0 | 0 | 0 | 39 | 0 | 0.337 | 29.8 | 0 | 0 | 42.8113 | -78.8528 |
| 9/27/2016 14:40 | 12.57 | 72.48 | 0 | 0 | 0 | 0 | 0 | 0 | 39 | 0 | 0.337 | 29.8 | 0 | 0 | 42.8113 | -78.8528 |
| 9/27/2016 14:39 | 12.56 | 74.55 | 0 | 0 | 0 | 0 | 0 | 0 | 39 | 0 | 0.337 | 29.7 | 0 | 0 | 42.8113 | -78.8528 |
| 9/27/2016 14:38 | 12.57 | 69.9 | 0 | 0 | 0 | 0 | 0 | 0 | 39 | 0 | 0.337 | 29.8 | 0 | 0 | 42.8113 | -78.8528 |
| 9/27/2016 14:37 | 12.57 | 73.9 | 0 | 0 | 0 | 0 | 0 | 0 | 39 | 0 | 0.337 | 29.8 | 0 | 0 | 42.8113 | -78.8528 |
| 9/27/2016 14:36 | 12.56 | 79.46 | 0 | 0 | 0 | 0 | 0 | 0 | 39 | 0 | 0.337 | 29.7 | 0 | 0 | 42.8113 | -78.8528 |
| 9/27/2016 14:35 | 12.57 | 69.38 | 0 | 0 | 0 | 0 | 0 | 0 | 38 | 0 | 0.337 | 29.8 | 0 | 0 | 42.8113 | -78.8528 |
| 9/27/2016 14:34 | 12.56 | 84.75 | 0 | 0 | 0 | 0 | 0 | 0 | 39 | 0 | 0.337 | 29.7 | 0 | 0 | 42.8113 | -78.8528 |
| 9/27/2016 14:33 | 12.57 | 69.64 | 0 | 0 | 0 | 0 | 0 | 0 | 39 | 0 | 0.337 | 29.7 | 0 | 0 | 42.8113 | -78.8528 |
| 9/27/2016 14:32 | 12.57 | 67.44 | 0 | 0 | 0 | 0 | 0 | 0 | 39 | 0 | 0.337 | 29.8 | 0 | 0 | 42.8113 | -78.8528 |
| 9/27/2016 14:31 | 12.57 | 70.54 | 0 | 0 | 0 | 0 | 0 | 0 | 39 | 0 | 0.337 | 29.7 | 0 | 0 | 42.8113 | -78.8528 |
| 9/27/2016 14:30 | 12.58 | 67.7 | 0 | 0 | 0 | 0 | 0 | 0 | 39 | 0 | 0.337 | 29.7 | 0 | 0 | 42.8113 | -78.8528 |
| 9/27/2016 14:29 | 12.57 | 71.71 | 0 | 0 | 0 | 0 | 0 | 0 | 39 | 0 | 0.337 | 29.7 | 0 | 0 | 42.8113 | -78.8528 |
| 9/27/2016 14:28 | 12.59 | 72.35 | 0 | 0 | 0 | 0 | 0 | 0 | 39 | 0 | 0.337 | 29.8 | 0 | 0 | 42.8113 | -78.8528 |
| 9/27/2016 14:27 | 12.57 | 68.86 | 0 | 0 | 0 | 0 | 0 | 0 | 39 | 0 | 0.337 | 29.6 | 0 | 0 | 42.8113 | -78.8528 |
| 9/27/2016 14:26 | 12.59 | 66.15 | 0 | 0 | 0 | 0 | 0 | 0 | 39 | 0 | 0.337 | 29.6 | 0 | 0 | 42.8113 | -78.8528 |
| 9/27/2016 14:25 | 12.57 | 73.51 | 0 | 0 | 0 | 0 | 0 | 0 | 39 | 0 | 0.337 | 29.7 | 0 | 0 | 42.8113 | -78.8528 |
| 9/27/2016 14:24 | 12.57 | 70.54 | 0 | 0 | 0 | 0 | 0 | 0 | 40 | 0 | 0.337 | 29.6 | 0 | 0 | 42.8113 | -78.8528 |
| 9/27/2016 14:23 | 12.59 | 66.02 | 0 | 0 | 0 | 0 | 0 | 0 | 40 | 0 | 0.337 | 29.7 | 0 | 0 | 42.8113 | -78.8528 |
| 9/27/2016 14:22 | 12.57 | 70.8 | 0 | 0 | 0 | 0 | 0 | 0 | 40 | 0 | 0.337 | 29.7 | 0 | 0 | 42.8113 | -78.8528 |
| 9/27/2016 14:21 | 12.59 | 66.93 | 0 | 0 | 0 | 0 | 0 | 0 | 39 | 0 | 0.337 | 29.6 | 0 | 0 | 42.8113 | -78.8528 |
| 9/27/2016 14:20 | 12.57 | 70.03 | 0 | 0 | 0 | 0 | 0 | 0 | 39 | 0 | 0.337 | 29.6 | 0 | 0 | 42.8113 | -78.8528 |
| 9/27/2016 14:19 | 12.57 | 74.94 | 0 | 0 | 0 | 0 | 0 | 0 | 39 | 0 | 0.337 | 29.7 | 0 | 0 | 42.8113 | -78.8528 |

| Timestamp (GMT-4) | Batt. Voltage (V) | Current (mA) | Low (ppm) | Peak (ppm) | STEL (ppm) | TWA (ppm) | VOC (ppm) | VOC (Avg15) (ppm) | Humidity (%) | Mass (µg/m³) | Particle size (µm) | Temperature (°C) | TWA (µg/m³) | Mass (Avg15) (µg/m³) | Latitude | Longitude |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 9/27/2016 14:18 | 12.58 | 67.05 | 0 | 0 | 0 | 0 | 0 | 0 | 40 | 0 | 0.337 | 29.7 | 0 | 0 | 42.8113 | -78.8528 |
| 9/27/2016 14:17 | 12.55 | 88.63 | 0 | 0 | 0 | 0 | 0 | 0 | 40 | 0 | 0.337 | 29.5 | 0.1 | 0 | 42.8113 | -78.8528 |
| 9/27/2016 14:16 | 12.57 | 70.03 | 0 | 0 | 0 | 0 | 0 | 0 | 40 | 0 | 0.337 | 29.6 | 0.1 | 0 | 42.8113 | -78.8528 |
| 9/27/2016 14:15 | 12.55 | 87.86 | 0 | 0 | 0 | 0 | 0 | 0 | 39 | 0 | 0.337 | 29.5 | 0.1 | 0 | 42.8113 | -78.8528 |
| 9/27/2016 14:14 | 12.56 | 79.07 | 0 | 0 | 0 | 0 | 0 | 0 | 39 | 0 | 0.337 | 29.6 | 0.1 | 0 | 42.8113 | -78.8528 |
| 9/27/2016 14:13 | 12.57 | 74.68 | 0 | 0 | 0 | 0 | 0 | 0 | 40 | 0 | 0.337 | 29.5 | 0.1 | 0 | 42.8113 | -78.8528 |
| 9/27/2016 14:12 | 12.57 | 78.17 | 0 | 0 | 0 | 0 | 0 | 0 | 40 | 0 | 0.337 | 29.7 | 0.1 | 0 | 42.8113 | -78.8528 |
| 9/27/2016 14:11 | 12.56 | 78.81 | 0 | 0 | 0 | 0 | 0 | 0 | 39 | 0 | 0.337 | 29.5 | 0.1 | 0 | 42.8113 | -78.8528 |
| 9/27/2016 14:10 | 12.56 | 76.87 | 0 | 0 | 0 | 0 | 0 | 0 | 39 | 0 | 0.337 | 29.6 | 0.1 | 0 | 42.8113 | -78.8528 |
| 9/27/2016 14:09 | 12.57 | 78.42 | 0 | 0 | 0 | 0 | 0 | 0 | 40 | 0 | 0.337 | 29.5 | 0.1 | 0 | 42.8113 | -78.8528 |
| 9/27/2016 14:08 | 12.57 | 70.93 | 0 | 0 | 0 | 0 | 0 | 0 | 40 | 0 | 0.337 | 29.5 | 0.1 | 0 | 42.8113 | -78.8528 |
| 9/27/2016 14:07 | 12.57 | 72.35 | 0 | 0 | 0 | 0 | 0 | 0 | 40 | 0 | 0.337 | 29.6 | 0.1 | 0 | 42.8113 | -78.8528 |
| 9/27/2016 14:06 | 12.59 | 71.19 | 0 | 0 | 0 | 0 | 0 | 0 | 40 | 0 | 0.337 | 29.6 | 0.1 | 0 | 42.8113 | -78.8528 |
| 9/27/2016 14:05 | 12.57 | 69.9 | 0 | 0 | 0 | 0 | 0 | 0 | 40 | 0 | 0.337 | 29.5 | 0.1 | 0 | 42.8113 | -78.8528 |
| 9/27/2016 14:04 | 12.59 | 67.44 | 0 | 0 | 0 | 0 | 0 | 0 | 40 | 0 | 0.337 | 29.5 | 0.1 | 0 | 42.8113 | -78.8528 |
| 9/27/2016 14:03 | 12.57 | 68.99 | 0 | 0 | 0 | 0 | 0 | 0 | 40 | 0 | 0.337 | 29.5 | 0.1 | 0 | 42.8113 | -78.8528 |
| 9/27/2016 14:02 | 12.59 | 65.37 | 0 | 0 | 0 | 0 | 0 | 0 | 40 | 0 | 0.337 | 29.6 | 0.1 | 0 | 42.8113 | -78.8528 |
| 9/27/2016 14:01 | 12.59 | 73.9 | 0 | 0 | 0 | 0 | 0 | 0 | 40 | 0 | 0.337 | 29.5 | 0.1 | 0 | 42.8113 | -78.8528 |
| 9/27/2016 14:00 | 12.59 | 71.58 | 0 | 0 | 0 | 0 | 0 | 0 | 41 | 0 | 0.337 | 29.5 | 0.1 | 0 | 42.8113 | -78.8528 |
| 9/27/2016 13:59 | 12.59 | 70.54 | 0 | 0 | 0 | 0 | 0 | 0 | 40 | 0 | 0.337 | 29.6 | 0.1 | 0 | 42.8113 | -78.8528 |
| 9/27/2016 13:58 | 12.59 | 78.17 | 0 | 0 | 0 | 0 | 0 | 0 | 40 | 0 | 0.337 | 29.5 | 0.1 | 0 | 42.8113 | -78.8528 |
| 9/27/2016 13:57 | 12.61 | 65.5 | 0 | 0 | 0 | 0 | 0 | 0 | 40 | 0 | 0.337 | 29.5 | 0.1 | 0 | 42.8113 | -78.8528 |
| 9/27/2016 13:56 | 12.59 | 79.46 | 0 | 0 | 0 | 0 | 0 | 0 | 41 | 0 | 0.337 | 29.5 | 0.1 | 0 | 42.8113 | -78.8528 |
| 9/27/2016 13:55 | 12.61 | 75.84 | 0 | 0 | 0 | 0 | 0 | 0 | 39 | 0 | 0.337 | 29.5 | 0.1 | 0 | 42.8113 | -78.8528 |
| 9/27/2016 13:54 | 12.6 | 78.55 | 0 | 0 | 0 | 0 | 0 | 0 | 41 | 0 | 0.337 | 29.5 | 0.1 | 0 | 42.8113 | -78.8528 |
| 9/27/2016 13:53 | 12.61 | 82.43 | 0 | 0 | 0 | 0 | 0 | 0 | 41 | 0 | 0.337 | 29.5 | 0.1 | 0 | 42.8113 | -78.8528 |
| 9/27/2016 13:52 | 12.64 | 66.41 | 0 | 0 | 0 | 0 | 0 | 0 | 40 | 0 | 0.337 | 29.3 | 0.1 | 0 | 42.8113 | -78.8528 |
| 9/27/2016 13:51 | 12.64 | 69.77 | 0 | 0 | 0 | 0 | 0 | 0 | 40 | 0 | 0.337 | 29.3 | 0.1 | 0 | 42.8113 | -78.8528 |
| 9/27/2016 13:50 | 12.64 | 72.74 | 0 | 0 | 0 | 0 | 0 | 0 | 40 | 0 | 0.337 | 29.4 | 0.1 | 0 | 42.8113 | -78.8528 |
| 9/27/2016 13:49 | 12.65 | 66.93 | 0 | 0 | 0 | 0 | 0 | 0 | 40 | 0 | 0.337 | 29.4 | 0.1 | 0 | 42.8113 | -78.8528 |
| 9/27/2016 13:48 | 12.65 | 66.41 | 0 | 0 | 0 | 0 | 0 | 0 | 41 | 0 | 0.337 | 29.3 | 0.1 | 0 | 42.8113 | -78.8528 |
| 9/27/2016 13:47 | 12.64 | 69.12 | 0 | 0 | 0 | 0 | 0 | 0 | 41 | 0 | 0.337 | 29.3 | 0.1 | 0 | 42.8113 | -78.8528 |
| 9/27/2016 13:46 | 12.64 | 68.99 | 0 | 0 | 0 | 0 | 0 | 0 | 40 | 0 | 0.337 | 29.3 | 0.1 | 0 | 42.8113 | -78.8528 |
| 9/27/2016 13:45 | 12.64 | 69.25 | 0 | 0 | 0 | 0 | 0 | 0 | 40 | 0 | 0.337 | 29.3 | 0.1 | 0 | 42.8113 | -78.8528 |
| 9/27/2016 13:44 | 12.64 | 70.16 | 0 | 0 | 0 | 0 | 0 | 0 | 41 | 0 | 0.337 | 29.3 | 0.1 | 0 | 42.8113 | -78.8528 |
| 9/27/2016 13:43 | 12.65 | 67.57 | 0 | 0 | 0 | 0 | 0 | 0 | 41 | 0 | 0.337 | 29.1 | 0.1 | 0 | 42.8113 | -78.8528 |
| 9/27/2016 13:42 | 12.65 | 66.02 | 0 | 0 | 0 | 0 | 0 | 0 | 41 | 0 | 0.337 | 29.2 | 0.1 | 0 | 42.8113 | -78.8528 |
| 9/27/2016 13:41 | 12.64 | 70.41 | 0 | 0 | 0 | 0 | 0 | 0 | 41 | 0 | 0.337 | 29.1 | 0.1 | 0 | 42.8113 | -78.8528 |
| 9/27/2016 13:40 | 12.65 | 64.99 | 0 | 0 | 0 | 0 | 0 | 0 | 42 | 0 | 0.337 | 29.1 | 0.1 | 0 | 42.8113 | -78.8528 |
| 9/27/2016 13:39 | 12.65 | 66.54 | 0 | 0 | 0 | 0 | 0 | 0 | 41 | 0 | 0.337 | 29.1 | 0.1 | 0 | 42.8113 | -78.8528 |
| 9/27/2016 13:38 | 12.64 | 68.09 | 0 | 0 | 0 | 0 | 0 | 0 | 40 | 0 | 0.337 | 29 | 0.1 | 0 | 42.8113 | -78.8528 |
| 9/27/2016 13:37 | 12.64 | 71.06 | 0 | 0 | 0 | 0 | 0 | 0 | 41 | 0 | 0.337 | 29 | 0.1 | 0 | 42.8113 | -78.8528 |
| 9/27/2016 13:36 | 12.64 | 68.35 | 0 | 0 | 0 | 0 | 0 | 0 | 41 | 0 | 0.337 | 29 | 0.1 | 0 | 42.8113 | -78.8528 |
| 9/27/2016 13:35 | 12.65 | 67.18 | 0 | 0 | 0 | 0 | 0 | 0 | 41 | 0 | 0.337 | 29.1 | 0.1 | 0 | 42.8113 | -78.8528 |
| 9/27/2016 13:34 | 12.64 | 69.38 | 0 | 0 | 0 | 0 | 0 | 0 | 41 | 0 | 0.337 | 29 | 0.1 | 0 | 42.8113 | -78.8528 |
| 9/27/2016 13:33 | 12.64 | 70.16 | 0 | 0 | 0 | 0 | 0 | 0 | 42 | 0 | 0.337 | 29 | 0.1 | 0 | 42.8113 | -78.8528 |

| Timestamp (GMT-4) | Batt. Voltage (V) | Current (mA) | Low (ppm) | Peak (ppm) | STEL (ppm) | TWA (ppm) | VOC (ppm) | VOC (Avg15) (ppm) | Humidity (%) | Mass (µg/m³) | Particle size (µm) | Temperature (°C) | TWA (µg/m³) | Mass (Avg15) (µg/m³) | Latitude | Longitude |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 9/27/2016 13:32 | 12.64 | 71.06 | 0 | 0 | 0 | 0 | 0 | 0 | 42 | 0 | 0.337 | 29 | 0.1 | 0 | 42.8113 | -78.8528 |
| 9/27/2016 13:31 | 12.65 | 66.93 | 0 | 0 | 0 | 0 | 0 | 0 | 41 | 0 | 0.337 | 28.9 | 0.1 | 0 | 42.8113 | -78.8528 |
| 9/27/2016 13:30 | 12.66 | 66.8 | 0 | 0 | 0 | 0 | 0 | 0 | 40 | 0 | 0.337 | 28.9 | 0.1 | 0 | 42.8113 | -78.8528 |
| 9/27/2016 13:29 | 12.65 | 67.18 | 0 | 0 | 0 | 0 | 0 | 0 | 41 | 0 | 0.337 | 29 | 0.1 | 0 | 42.8113 | -78.8528 |
| 9/27/2016 13:28 | 12.64 | 77.13 | 0 | 0 | 0 | 0 | 0 | 0 | 41 | 0 | 0.337 | 28.9 | 0.1 | 0 | 42.8113 | -78.8528 |
| 9/27/2016 13:27 | 12.65 | 69.12 | 0 | 0 | 0 | 0 | 0 | 0 | 41 | 0 | 0.337 | 28.8 | 0.1 | 0 | 42.8113 | -78.8528 |
| 9/27/2016 13:26 | 12.66 | 66.41 | 0 | 0 | 0 | 0 | 0 | 0 | 41 | 0 | 0.337 | 28.9 | 0.1 | 0 | 42.8113 | -78.8528 |
| 9/27/2016 13:25 | 12.63 | 93.15 | 0 | 0 | 0 | 0 | 0 | 0 | 42 | 0 | 0.337 | 28.8 | 0.1 | 0 | 42.8113 | -78.8528 |
| 9/27/2016 13:24 | 12.65 | 67.05 | 0 | 0 | 0 | 0 | 0 | 0 | 42 | 0 | 0.337 | 28.9 | 0.1 | 0 | 42.8113 | -78.8528 |
| 9/27/2016 13:23 | 12.64 | 72.87 | 0 | 0 | 0 | 0 | 0 | 0 | 41 | 0 | 0.337 | 28.8 | 0.1 | 0 | 42.8113 | -78.8528 |
| 9/27/2016 13:22 | 12.66 | 68.6 | 0 | 0 | 0 | 0 | 0 | 0 | 42 | 0 | 0.337 | 28.8 | 0.1 | 0 | 42.8113 | -78.8528 |
| 9/27/2016 13:21 | 12.65 | 68.6 | 0 | 0 | 0 | 0 | 0 | 0 | 41 | 0 | 0.337 | 28.7 | 0.1 | 0 | 42.8112 | -78.8528 |
| 9/27/2016 13:20 | 12.66 | 65.76 | 0 | 0 | 0 | 0 | 0 | 0 | 42 | 0 | 0.337 | 28.7 | 0.1 | 0 | 42.8113 | -78.8528 |
| 9/27/2016 13:19 | 12.66 | 70.41 | 0 | 0 | 0 | 0 | 0 | 0 | 42 | 0 | 0.337 | 28.8 | 0.1 | 0 | 42.8113 | -78.8528 |
| 9/27/2016 13:18 | 12.65 | 77.26 | 0 | 0 | 0 | 0 | 0 | 0 | 42 | 0 | 0.337 | 28.7 | 0.1 | 0 | 42.8113 | -78.8528 |
| 9/27/2016 13:17 | 12.66 | 66.8 | 0 | 0 | 0 | 0 | 0 | 0 | 42 | 0 | 0.337 | 28.7 | 0.1 | 0 | 42.8113 | -78.8528 |
| 9/27/2016 13:16 | 12.64 | 79.46 | 0 | 0 | 0 | 0 | 0 | 0 | 42 | 0 | 0.337 | 28.7 | 0.1 | 0 | 42.8113 | -78.8528 |
| 9/27/2016 13:15 | 12.66 | 64.86 | 0 | 0 | 0 | 0 | 0 | 0 | 41 | 0 | 0.337 | 28.7 | 0.1 | 0 | 42.8113 | -78.8528 |
| 9/27/2016 13:14 | 12.66 | 66.54 | 0 | 0 | 0 | 0 | 0 | 0 | 42 | 0 | 0.337 | 28.7 | 0.1 | 0 | 42.8113 | -78.8528 |
| 9/27/2016 13:13 | 12.65 | 74.94 | 0 | 0 | 0 | 0 | 0 | 0 | 41 | 0 | 0.337 | 28.6 | 0.1 | 0 | 42.8113 | -78.8528 |
| 9/27/2016 13:12 | 12.66 | 73 | 0 | 0 | 0 | 0 | 0 | 0 | 42 | 0 | 0.337 | 28.5 | 0.1 | 0 | 42.8113 | -78.8528 |
| 9/27/2016 13:11 | 12.67 | 66.28 | 0 | 0 | 0 | 0 | 0 | 0 | 42 | 0 | 0.337 | 28.6 | 0.1 | 0 | 42.8113 | -78.8528 |
| 9/27/2016 13:10 | 12.66 | 69.64 | 0 | 0 | 0 | 0 | 0 | 0 | 42 | 0 | 0.337 | 28.5 | 0.1 | 0 | 42.8113 | -78.8528 |
| 9/27/2016 13:09 | 12.66 | 68.22 | 0 | 0 | 0 | 0 | 0 | 0 | 42 | 0 | 0.337 | 28.5 | 0.1 | 0 | 42.8113 | -78.8528 |
| 9/27/2016 13:08 | 12.64 | 87.21 | 0 | 0 | 0 | 0 | 0 | 0 | 42 | 0 | 0.337 | 28.5 | 0.1 | 0 | 42.8113 | -78.8528 |
| 9/27/2016 13:07 | 12.66 | 68.73 | 0 | 0 | 0 | 0 | 0 | 0 | 42 | 0 | 0.337 | 28.5 | 0.1 | 0 | 42.8113 | -78.8528 |
| 9/27/2016 13:06 | 12.66 | 65.25 | 0 | 0 | 0 | 0 | 0 | 0 | 42 | 0 | 0.337 | 28.5 | 0.1 | 0 | 42.8113 | -78.8528 |
| 9/27/2016 13:05 | 12.66 | 64.6 | 0 | 0 | 0 | 0 | 0 | 0 | 42 | 0 | 0.337 | 28.4 | 0.1 | 0 | 42.8113 | -78.8528 |
| 9/27/2016 13:04 | 12.66 | 70.54 | 0 | 0 | 0 | 0 | 0 | 0 | 42 | 0 | 0.337 | 28.5 | 0.1 | 0 | 42.8113 | -78.8528 |
| 9/27/2016 13:03 | 12.66 | 69.64 | 0 | 0 | 0 | 0 | 0 | 0 | 42 | 0 | 0.337 | 28.5 | 0.1 | 0 | 42.8113 | -78.8528 |
| 9/27/2016 13:02 | 12.65 | 73 | 0 | 0 | 0 | 0 | 0 | 0 | 43 | 0 | 0.337 | 28.4 | 0.1 | 0 | 42.8113 | -78.8528 |
| 9/27/2016 13:01 | 12.66 | 68.35 | 0 | 0 | 0 | 0 | 0 | 0 | 42 | 0 | 0.337 | 28.5 | 0.1 | 0 | 42.8113 | -78.8528 |
| 9/27/2016 13:00 | 12.66 | 70.67 | 0 | 0 | 0 | 0 | 0 | 0 | 42 | 0 | 0.337 | 28.4 | 0.1 | 0 | 42.8113 | -78.8528 |
| 9/27/2016 12:59 | 12.66 | 73.9 | 0 | 0 | 0 | 0 | 0 | 0 | 42 | 0 | 0.337 | 28.3 | 0.1 | 0 | 42.8113 | -78.8528 |
| 9/27/2016 12:58 | 12.66 | 66.67 | 0 | 0 | 0 | 0 | 0 | 0 | 42 | 0 | 0.337 | 28.3 | 0.1 | 0 | 42.8113 | -78.8528 |
| 9/27/2016 12:57 | 12.65 | 70.8 | 0 | 0 | 0 | 0 | 0 | 0 | 42 | 0 | 0.337 | 28.3 | 0.1 | 0 | 42.8113 | -78.8528 |
| 9/27/2016 12:56 | 12.66 | 65.76 | 0 | 0 | 0 | 0 | 0 | 0 | 43 | 0 | 0.337 | 28.3 | 0.1 | 0 | 42.8113 | -78.8528 |
| 9/27/2016 12:55 | 12.67 | 70.54 | 0 | 0 | 0 | 0 | 0 | 0 | 43 | 0 | 0.337 | 28.3 | 0.1 | 0 | 42.8113 | -78.8528 |
| 9/27/2016 12:54 | 12.66 | 69.9 | 0 | 0 | 0 | 0 | 0 | 0 | 43 | 0 | 0.337 | 28.3 | 0.1 | 0 | 42.8113 | -78.8528 |
| 9/27/2016 12:53 | 12.67 | 64.86 | 0 | 0 | 0 | 0 | 0 | 0 | 42 | 0 | 0.337 | 28.3 | 0.1 | 0 | 42.8113 | -78.8528 |
| 9/27/2016 12:52 | 12.66 | 66.54 | 0 | 0 | 0 | 0 | 0 | 0 | 43 | 0 | 0.337 | 28.2 | 0.1 | 0 | 42.8113 | -78.8528 |
| 9/27/2016 12:51 | 12.65 | 83.72 | 0 | 0 | 0 | 0 | 0 | 0 | 42 | 0 | 0.337 | 28.2 | 0.1 | 0 | 42.8113 | -78.8528 |
| 9/27/2016 12:50 | 12.66 | 66.28 | 0 | 0 | 0 | 0 | 0 | 0 | 42 | 0 | 0.337 | 28.2 | 0.1 | 0 | 42.8113 | -78.8528 |
| 9/27/2016 12:49 | 12.66 | 68.09 | 0 | 0 | 0 | 0 | 0 | 0 | 42 | 0 | 0.337 | 28.2 | 0.1 | 0 | 42.8113 | -78.8528 |
| 9/27/2016 12:48 | 12.67 | 67.83 | 0 | 0 | 0 | 0 | 0 | 0 | 43 | 0 | 0.337 | 28.2 | 0.1 | 0 | 42.8113 | -78.8528 |
| 9/27/2016 12:47 | 12.66 | 71.71 | 0 | 0 | 0 | 0 | 0 | 0 | 43 | 0 | 0.337 | 28.2 | 0.1 | 0 | 42.8113 | -78.8528 |

| Timestamp (GMT-4) | Batt. Voltage (V) | Current (mA) | Low (ppm) | Peak (ppm) | STEL (ppm) | TWA (ppm) | VOC (ppm) | VOC (Avg15) (ppm) | Humidity (%) | Mass (µg/m³) | Particle size (µm) | Temperature (°C) | TWA (µg/m³) | Mass (Avg15) (µg/m³) | Latitude | Longitude |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 9/27/2016 12:46 | 12.66 | 69.51 | 0 | 0 | 0 | 0 | 0 | 0 | 43 | 0 | 0.337 | 28.1 | 0.1 | 0 | 42.8113 | -78.8528 |
| 9/27/2016 12:45 | 12.66 | 67.57 | 0 | 0 | 0 | 0 | 0 | 0 | 43 | 0 | 0.337 | 28.1 | 0.1 | 0 | 42.8113 | -78.8528 |
| 9/27/2016 12:44 | 12.68 | 67.96 | 0 | 0 | 0 | 0 | 0 | 0 | 43 | 0 | 0.337 | 28 | 0.1 | 0 | 42.8113 | -78.8528 |
| 9/27/2016 12:43 | 12.67 | 66.28 | 0 | 0 | 0 | 0 | 0 | 0 | 43 | 0 | 0.337 | 28 | 0.1 | 0 | 42.8113 | -78.8528 |
| 9/27/2016 12:42 | 12.67 | 65.76 | 0 | 0 | 0 | 0 | 0 | 0 | 43 | 0 | 0.337 | 28 | 0.1 | 0 | 42.8112 | -78.8528 |
| 9/27/2016 12:41 | 12.66 | 69.25 | 0 | 0 | 0 | 0 | 0 | 0 | 43 | 0 | 0.337 | 28 | 0.1 | 0 | 42.8112 | -78.8528 |
| 9/27/2016 12:40 | 12.67 | 66.02 | 0 | 0 | 0 | 0 | 0 | 0 | 43 | 0 | 0.337 | 28.1 | 0.1 | 0 | 42.8112 | -78.8528 |
| 9/27/2016 12:39 | 12.66 | 72.48 | 0 | 0 | 0 | 0 | 0 | 0 | 42 | 0 | 0.337 | 28 | 0.1 | 0 | 42.8113 | -78.8528 |
| 9/27/2016 12:38 | 12.67 | 65.37 | 0 | 0 | 0 | 0 | 0 | 0 | 43 | 0 | 0.337 | 28 | 0.1 | 0 | 42.8113 | -78.8528 |
| 9/27/2016 12:37 | 12.66 | 70.67 | 0 | 0 | 0 | 0 | 0 | 0 | 43 | 0 | 0.337 | 28 | 0.1 | 0 | 42.8113 | -78.8528 |
| 9/27/2016 12:36 | 12.66 | 71.71 | 0 | 0 | 0 | 0 | 0 | 0 | 42 | 0 | 0.337 | 28 | 0.1 | 0 | 42.8112 | -78.8528 |
| 9/27/2016 12:35 | 12.66 | 71.19 | 0 | 0 | 0 | 0 | 0 | 0 | 43 | 0 | 0.337 | 27.8 | 0.1 | 0 | 42.8113 | -78.8528 |
| 9/27/2016 12:34 | 12.67 | 67.18 | 0 | 0 | 0 | 0 | 0 | 0 | 42 | 0 | 0.337 | 27.8 | 0.1 | 0 | 42.8113 | -78.8528 |
| 9/27/2016 12:33 | 12.68 | 66.15 | 0 | 0 | 0 | 0 | 0 | 0 | 43 | 0 | 0.337 | 27.8 | 0.1 | 0 | 42.8113 | -78.8528 |
| 9/27/2016 12:32 | 12.68 | 70.8 | 0 | 0 | 0 | 0 | 0 | 0 | 43 | 0 | 0.337 | 27.8 | 0.1 | 0 | 42.8113 | -78.8528 |
| 9/27/2016 12:31 | 12.68 | 66.93 | 0 | 0 | 0 | 0 | 0 | 0 | 43 | 0 | 0.337 | 27.9 | 0.1 | 0 | 42.8113 | -78.8528 |
| 9/27/2016 12:30 | 12.68 | 66.8 | 0 | 0 | 0 | 0 | 0 | 0 | 43 | 0 | 0.337 | 27.8 | 0.1 | 0 | 42.8113 | -78.8528 |
| 9/27/2016 12:29 | 12.67 | 69.9 | 0 | 0 | 0 | 0 | 0 | 0 | 43 | 0 | 0.337 | 27.7 | 0.1 | 0 | 42.8113 | -78.8528 |
| 9/27/2016 12:28 | 12.67 | 67.83 | 0 | 0 | 0 | 0 | 0 | 0 | 44 | 0 | 0.337 | 27.7 | 0.1 | 0 | 42.8113 | -78.8528 |
| 9/27/2016 12:27 | 12.69 | 66.93 | 0 | 0 | 0 | 0 | 0 | 0 | 44 | 0 | 0.337 | 27.7 | 0.1 | 0 | 42.8113 | -78.8528 |
| 9/27/2016 12:26 | 12.67 | 85.79 | 0 | 0 | 0 | 0 | 0 | 0 | 43 | 0 | 0.337 | 27.7 | 0.1 | 0 | 42.8113 | -78.8528 |
| 9/27/2016 12:25 | 12.67 | 84.63 | 0 | 0 | 0 | 0 | 0 | 0 | 44 | 0 | 0.337 | 27.7 | 0.1 | 0 | 42.8113 | -78.8528 |
| 9/27/2016 12:24 | 12.7 | 69.12 | 0 | 0 | 0 | 0 | 0 | 0 | 44 | 0 | 0.337 | 27.6 | 0.1 | 0 | 42.8113 | -78.8528 |
| 9/27/2016 12:23 | 12.7 | 70.16 | 0 | 0 | 0 | 0 | 0 | 0 | 43 | 0 | 0.337 | 27.6 | 0.1 | 0 | 42.8113 | -78.8528 |
| 9/27/2016 12:22 | 12.7 | 70.16 | 0 | 0 | 0 | 0 | 0 | 0 | 43 | 0 | 0.337 | 27.5 | 0.1 | 0 | 42.8113 | -78.8528 |
| 9/27/2016 12:21 | 12.69 | 69.25 | 0 | 0 | 0 | 0 | 0 | 0 | 44 | 0 | 0.337 | 27.5 | 0.1 | 0 | 42.8113 | -78.8528 |
| 9/27/2016 12:20 | 12.7 | 74.68 | 0 | 0 | 0 | 0 | 0 | 0 | 44 | 0 | 0.337 | 27.5 | 0.1 | 0 | 42.8113 | -78.8528 |
| 9/27/2016 12:18 | | | 0 | 0 | 0 | 0 | 0 | 0 | | | | | | | 42.8113 | -78.8528 |
| 9/27/2016 12:17 | 12.7 | 65.5 | 0 | 0 | 0 | 0 | 0 | 0 | 43 | 0 | 0.337 | 27.3 | 0.1 | 0 | 42.8113 | -78.8528 |
| 9/27/2016 12:16 | 12.7 | 66.28 | 0 | 0 | 0 | 0 | 0 | 0 | 43 | 0 | 0.337 | 27.3 | 0.1 | 0 | 42.8113 | -78.8528 |
| 9/27/2016 12:15 | 12.7 | 71.45 | 0 | 0 | 0 | 0 | 0 | 0 | 43 | 0 | 0.337 | 27.4 | 0.1 | 0 | 42.8113 | -78.8528 |
| 9/27/2016 12:14 | 12.68 | 91.6 | 0 | 0 | 0 | 0 | 0 | 0 | 43 | 0 | 0.337 | 27.3 | 0.1 | 0 | 42.8113 | -78.8528 |
| 9/27/2016 12:13 | 12.7 | 72.61 | 0 | 0 | 0 | 0 | 0 | 0 | 44 | 0 | 0.337 | 27.3 | 0.1 | 0 | 42.8113 | -78.8528 |
| 9/27/2016 12:12 | 12.7 | 74.29 | 0 | 0 | 0 | 0 | 0 | 0 | 44 | 0 | 0.337 | 27.2 | 0.1 | 0 | 42.8113 | -78.8528 |
| 9/27/2016 12:11 | 12.7 | 69.51 | 0 | 0 | 0 | 0 | 0 | 0 | 44 | 0 | 0.337 | 27.1 | 0.1 | 0 | 42.8113 | -78.8528 |
| 9/27/2016 12:10 | 12.7 | 65.89 | 0 | 0 | 0 | 0 | 0 | 0 | 44 | 0 | 0.337 | 27.2 | 0.1 | 0 | 42.8113 | -78.8528 |
| 9/27/2016 12:09 | 12.69 | 74.42 | 0 | 0 | 0 | 0 | 0 | 0 | 44 | 0 | 0.337 | 27.2 | 0.1 | 0 | 42.8113 | -78.8528 |
| 9/27/2016 12:08 | 12.7 | 69.64 | 0 | 0 | 0 | 0 | 0 | 0 | 44 | 0 | 0.337 | 27.1 | 0.1 | 0 | 42.8113 | -78.8528 |
| 9/27/2016 12:07 | 12.68 | 85.53 | 0 | 0 | 0 | 0 | 0 | 0 | 44 | 0 | 0.337 | 27.1 | 0.1 | 0 | 42.8113 | -78.8528 |
| 9/27/2016 12:06 | 12.71 | 68.09 | 0 | 0 | 0 | 0 | 0 | 0 | 44 | 0 | 0.337 | 27 | 0.1 | 0 | 42.8113 | -78.8528 |
| 9/27/2016 12:05 | 12.71 | 65.5 | 0 | 0 | 0 | 0 | 0 | 0 | 44 | 0 | 0.337 | 27 | 0.1 | 0 | 42.8113 | -78.8528 |
| 9/27/2016 12:04 | 12.71 | 65.63 | 0 | 0 | 0 | 0 | 0 | 0 | 43 | 0 | 0.337 | 27 | 0.1 | 0 | 42.8113 | -78.8528 |
| 9/27/2016 12:03 | 12.71 | 66.54 | 0 | 0 | 0 | 0 | 0 | 0 | 44 | 0 | 0.337 | 26.9 | 0.1 | 0 | 42.8113 | -78.8528 |
| 9/27/2016 12:02 | 12.71 | 65.89 | 0 | 0 | 0 | 0 | 0 | 0 | 44 | 0 | 0.337 | 27 | 0.1 | 0 | 42.8113 | -78.8528 |
| 9/27/2016 12:01 | 12.71 | 68.22 | 0 | 0 | 0 | 0 | 0 | 0 | 44 | 0 | 0.337 | 26.8 | 0.1 | 0 | 42.8113 | -78.8528 |
| 9/27/2016 12:00 | 12.71 | 67.05 | 0 | 0 | 0 | 0 | 0 | 0 | 44 | 0 | 0.337 | 26.8 | 0.1 | 0 | 42.8113 | -78.8528 |

| Timestamp (GMT-4) | Batt. Voltage (V) | Current (mA) | Low (ppm) | Peak (ppm) | STEL (ppm) | TWA (ppm) | VOC (ppm) | VOC (Avg15) (ppm) | Humidity (%) | Mass (µg/m³) | Particle size (µm) | Temperature (°C) | TWA (µg/m³) | Mass (Avg15) (µg/m³) | Latitude | Longitude |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 9/27/2016 11:59 | 12.7 | 78.55 | 0 | 0 | 0 | 0 | 0 | 0 | 44 | 0 | 0.337 | 26.7 | 0.1 | 0 | 42.8113 | -78.8528 |
| 9/27/2016 11:58 | 12.7 | 68.09 | 0 | 0 | 0 | 0 | 0 | 0 | 44 | 0 | 0.337 | 26.7 | 0.1 | 0 | 42.8113 | -78.8528 |
| 9/27/2016 11:57 | 12.7 | 75.45 | 0 | 0 | 0 | 0 | 0 | 0 | 44 | 0 | 0.337 | 26.7 | 0.1 | 0 | 42.8113 | -78.8528 |
| 9/27/2016 11:56 | 12.69 | 83.72 | 0 | 0 | 0 | 0 | 0 | 0 | 44 | 0 | 0.337 | 26.7 | 0.1 | 0 | 42.8113 | -78.8528 |
| 9/27/2016 11:55 | 12.7 | 68.35 | 0 | 0 | 0 | 0 | 0 | 0 | 43 | 0 | 0.337 | 26.6 | 0.1 | 0 | 42.8113 | -78.8528 |
| 9/27/2016 11:54 | 12.71 | 66.02 | 0 | 0 | 0 | 0 | 0 | 0 | 45 | 0 | 0.337 | 26.6 | 0.1 | 0 | 42.8113 | -78.8528 |
| 9/27/2016 11:53 | 12.71 | 68.22 | 0 | 0 | 0 | 0 | 0 | 0 | 44 | 0 | 0.337 | 26.6 | 0.1 | 0 | 42.8113 | -78.8528 |
| 9/27/2016 11:52 | 12.7 | 73 | 0 | 0 | 0 | 0 | 0 | 0 | 45 | 0 | 0.337 | 26.5 | 0.1 | 0 | 42.8113 | -78.8528 |
| 9/27/2016 11:51 | 12.71 | 66.41 | 0 | 0 | 0 | 0 | 0 | 0 | 44 | 0 | 0.337 | 26.5 | 0.1 | 0 | 42.8113 | -78.8528 |
| 9/27/2016 11:50 | 12.7 | 70.16 | 0 | 0 | 0 | 0 | 0 | 0 | 44 | 0 | 0.337 | 26.5 | 0.1 | 0 | 42.8113 | -78.8528 |
| 9/27/2016 11:49 | 12.69 | 84.63 | 0 | 0 | 0 | 0 | 0 | 0 | 44 | 0 | 0.337 | 26.4 | 0.1 | 0 | 42.8113 | -78.8528 |
| 9/27/2016 11:48 | 12.71 | 67.96 | 0 | 0 | 0 | 0 | 0 | 0 | 44 | 0 | 0.337 | 26.5 | 0.1 | 0 | 42.8113 | -78.8528 |
| 9/27/2016 11:47 | 12.7 | 73.51 | 0 | 0 | 0 | 0 | 0 | 0 | 44 | 0 | 0.337 | 26.4 | 0.1 | 0 | 42.8113 | -78.8528 |
| 9/27/2016 11:46 | 12.72 | 68.22 | 0 | 0 | 0 | 0 | 0 | 0 | 45 | 0 | 0.337 | 26.3 | 0.1 | 0 | 42.8113 | -78.8528 |
| 9/27/2016 11:45 | 12.71 | 67.44 | 0 | 0 | 0 | 0 | 0 | 0 | 45 | 0 | 0.337 | 26.3 | 0.1 | 0 | 42.8113 | -78.8528 |
| 9/27/2016 11:44 | 12.72 | 66.54 | 0 | 0 | 0 | 0 | 0 | 0 | 44 | 0 | 0.337 | 26.2 | 0.1 | 0 | 42.8113 | -78.8528 |
| 9/27/2016 11:43 | 12.72 | 70.16 | 0 | 0 | 0 | 0 | 0 | 0 | 44 | 0 | 0.337 | 26.2 | 0.1 | 0 | 42.8113 | -78.8528 |
| 9/27/2016 11:42 | 12.7 | 67.83 | 0 | 0 | 0 | 0 | 0 | 0 | 44 | 0 | 0.337 | 26.2 | 0.1 | 0 | 42.8113 | -78.8528 |
| 9/27/2016 11:41 | 12.71 | 67.57 | 0 | 0 | 0 | 0 | 0 | 0 | 45 | 0 | 0.337 | 26.2 | 0.1 | 0 | 42.8113 | -78.8528 |
| 9/27/2016 11:40 | 12.7 | 70.28 | 0 | 0 | 0 | 0 | 0 | 0 | 45 | 0 | 0.337 | 26.1 | 0.1 | 0 | 42.8113 | -78.8528 |
| 9/27/2016 11:39 | 12.72 | 68.73 | 0 | 0 | 0 | 0 | 0 | 0 | 44 | 0 | 0.337 | 26.1 | 0.1 | 0 | 42.8113 | -78.8528 |
| 9/27/2016 11:38 | 12.72 | 70.67 | 0 | 0 | 0 | 0 | 0 | 0 | 45 | 0 | 0.337 | 26.1 | 0.1 | 0 | 42.8113 | -78.8528 |
| 9/27/2016 11:37 | 12.73 | 66.67 | 0 | 0 | 0 | 0 | 0 | 0 | 44 | 0 | 0.337 | 26.1 | 0.1 | 0 | 42.8113 | -78.8528 |
| 9/27/2016 11:36 | 12.72 | 67.18 | 0 | 0 | 0 | 0 | 0 | 0 | 45 | 0 | 0.337 | 25.9 | 0.1 | 0 | 42.8113 | -78.8528 |
| 9/27/2016 11:35 | 12.71 | 72.22 | 0 | 0 | 0 | 0 | 0 | 0 | 44 | 0 | 0.337 | 26 | 0.1 | 0 | 42.8113 | -78.8528 |
| 9/27/2016 11:34 | 12.72 | 66.67 | 0 | 0 | 0 | 0 | 0 | 0 | 44 | 0 | 0.337 | 25.8 | 0.1 | 0 | 42.8113 | -78.8528 |
| 9/27/2016 11:33 | 12.73 | 65.5 | 0 | 0 | 0 | 0 | 0 | 0 | 45 | 0 | 0.337 | 25.7 | 0.1 | 0 | 42.8113 | -78.8528 |
| 9/27/2016 11:32 | 12.71 | 67.57 | 0 | 0 | 0 | 0 | 0 | 0 | 44 | 0 | 0.337 | 25.7 | 0.1 | 0 | 42.8113 | -78.8528 |
| 9/27/2016 11:31 | 12.72 | 67.96 | 0 | 0 | 0 | 0 | 0 | 0 | 45 | 0 | 0.337 | 25.7 | 0.1 | 0 | 42.8113 | -78.8528 |
| 9/27/2016 11:30 | 12.7 | 84.37 | 0 | 0 | 0 | 0 | 0 | 0 | 45 | 0 | 0.337 | 25.7 | 0.1 | 0 | 42.8113 | -78.8528 |
| 9/27/2016 11:29 | 12.72 | 65.89 | 0 | 0 | 0 | 0 | 0 | 0 | 45 | 0 | 0.337 | 25.7 | 0.1 | 0 | 42.8113 | -78.8528 |
| 9/27/2016 11:28 | 12.72 | 64.21 | 0 | 0 | 0 | 0 | 0 | 0 | 45 | 0 | 0.337 | 25.7 | 0.1 | 0 | 42.8113 | -78.8528 |
| 9/27/2016 11:27 | 12.73 | 69.64 | 0 | 0 | 0 | 0 | 0 | 0 | 45 | 0 | 0.337 | 25.6 | 0.1 | 0 | 42.8113 | -78.8528 |
| 9/27/2016 11:26 | 12.72 | 67.44 | 0 | 0 | 0 | 0 | 0 | 0 | 45 | 0 | 0.337 | 25.5 | 0.1 | 0 | 42.8113 | -78.8528 |
| 9/27/2016 11:25 | 12.72 | 71.71 | 0 | 0 | 0 | 0 | 0 | 0 | 44 | 0 | 0.337 | 25.5 | 0.1 | 0 | 42.8113 | -78.8528 |
| 9/27/2016 11:24 | 12.72 | 68.73 | 0 | 0 | 0 | 0 | 0 | 0 | 44 | 0 | 0.337 | 25.5 | 0.1 | 0 | 42.8113 | -78.8528 |
| 9/27/2016 11:23 | 12.73 | 67.57 | 0 | 0 | 0 | 0 | 0 | 0 | 45 | 0 | 0.337 | 25.5 | 0.1 | 0 | 42.8113 | -78.8528 |
| 9/27/2016 11:22 | 12.72 | 66.54 | 0 | 0 | 0 | 0 | 0 | 0 | 45 | 0 | 0.337 | 25.4 | 0.1 | 0 | 42.8113 | -78.8528 |
| 9/27/2016 11:21 | 12.72 | 69.25 | 0 | 0 | 0 | 0 | 0 | 0 | 45 | 0 | 0.337 | 25.3 | 0.1 | 0 | 42.8113 | -78.8528 |
| 9/27/2016 11:20 | 12.72 | 70.28 | 0 | 0 | 0 | 0 | 0 | 0 | 45 | 0 | 0.337 | 25.3 | 0.1 | 0 | 42.8113 | -78.8528 |
| 9/27/2016 11:19 | 12.73 | 66.8 | 0 | 0 | 0 | 0 | 0 | 0 | 45 | 0 | 0.337 | 25.3 | 0.1 | 0 | 42.8113 | -78.8528 |
| 9/27/2016 11:18 | 12.72 | 67.44 | 0 | 0 | 0 | 0 | 0 | 0 | 45 | 0 | 0.337 | 25.2 | 0.1 | 0 | 42.8113 | -78.8528 |
| 9/27/2016 11:17 | 12.72 | 68.48 | 0 | 0 | 0 | 0 | 0 | 0 | 45 | 0 | 0.337 | 25.1 | 0.1 | 0 | 42.8113 | -78.8528 |
| 9/27/2016 11:16 | 12.72 | 67.31 | 0 | 0 | 0 | 0 | 0 | 0 | 45 | 0 | 0.337 | 25.1 | 0.1 | 0 | 42.8113 | -78.8528 |
| 9/27/2016 11:15 | 12.72 | 70.16 | 0 | 0 | 0 | 0 | 0 | 0 | 45 | 0 | 0.337 | 25.1 | 0.1 | 0 | 42.8113 | -78.8528 |
| 9/27/2016 11:14 | 12.72 | 72.61 | 0 | 0 | 0 | 0 | 0 | 0 | 45 | 0 | 0.337 | 25 | 0.1 | 0 | 42.8113 | -78.8528 |

| Timestamp (GMT-4) | Batt. Voltage (V) | Current (mA) | Low (ppm) | Peak (ppm) | STEL (ppm) | TWA (ppm) | VOC (ppm) | VOC (Avg15) (ppm) | Humidity (%) | Mass (µg/m³) | Particle size (µm) | Temperature (°C) | TWA (µg/m³) | Mass (Avg15) (µg/m³) | Latitude | Longitude |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 9/27/2016 11:13 | 12.73 | 66.41 | 0 | 0 | 0 | 0 | 0 | 0 | 45 | 0 | 0.337 | 25 | 0.1 | 0 | 42.8113 | -78.8528 |
| 9/27/2016 11:12 | 12.72 | 68.35 | 0 | 0 | 0 | 0 | 0 | 0 | 45 | 0 | 0.337 | 24.8 | 0.1 | 0 | 42.8113 | -78.8528 |
| 9/27/2016 11:11 | 12.72 | 65.76 | 0 | 0 | 0 | 0 | 0 | 0 | 45 | 0 | 0.337 | 25 | 0.1 | 0 | 42.8113 | -78.8528 |
| 9/27/2016 11:10 | 12.72 | 73.26 | 0 | 0 | 0 | 0 | 0 | 0 | 45 | 0 | 0.337 | 24.8 | 0.1 | 0 | 42.8113 | -78.8528 |
| 9/27/2016 11:09 | 12.74 | 66.54 | 0 | 0 | 0 | 0 | 0 | 0 | 44 | 0 | 0.337 | 24.8 | 0.1 | 0 | 42.8113 | -78.8528 |
| 9/27/2016 11:08 | 12.72 | 67.44 | 0 | 0 | 0 | 0 | 0 | 0 | 44 | 0 | 0.337 | 24.7 | 0.1 | 0 | 42.8113 | -78.8528 |
| 9/27/2016 11:07 | 12.72 | 70.28 | 0 | 0 | 0 | 0 | 0 | 0 | 45 | 0 | 0.337 | 24.6 | 0.1 | 0 | 42.8113 | -78.8528 |
| 9/27/2016 11:06 | 12.73 | 66.93 | 0 | 0 | 0 | 0 | 0 | 0 | 45 | 0 | 0.337 | 24.6 | 0.1 | 0 | 42.8113 | -78.8528 |
| 9/27/2016 11:05 | 12.72 | 76.36 | 0 | 0 | 0 | 0 | 0 | 0 | 45 | 0 | 0.337 | 24.6 | 0.1 | 0 | 42.8113 | -78.8528 |
| 9/27/2016 11:04 | 12.72 | 70.41 | 0 | 0 | 0 | 0 | 0 | 0 | 45 | 0 | 0.337 | 24.5 | 0.1 | 0 | 42.8113 | -78.8528 |
| 9/27/2016 11:03 | 12.72 | 68.99 | 0 | 0 | 0 | 0 | 0 | 0 | 45 | 0 | 0.337 | 24.4 | 0.1 | 0 | 42.8113 | -78.8528 |
| 9/27/2016 11:02 | 12.72 | 67.96 | 0 | 0 | 0 | 0 | 0 | 0 | 44 | 0 | 0.337 | 24.4 | 0.1 | 0 | 42.8113 | -78.8528 |
| 9/27/2016 11:01 | 12.7 | 84.11 | 0 | 0 | 0 | 0 | 0 | 0 | 45 | 0 | 0.337 | 24.4 | 0.1 | 0 | 42.8113 | -78.8528 |
| 9/27/2016 11:00 | 12.73 | 64.73 | 0 | 0 | 0 | 0 | 0 | 0 | 45 | 0 | 0.337 | 24.4 | 0.1 | 0 | 42.8113 | -78.8528 |
| 9/27/2016 10:59 | 12.73 | 68.48 | 0 | 0 | 0 | 0 | 0 | 0 | 45 | 0 | 0.337 | 24.3 | 0.1 | 0 | 42.8113 | -78.8528 |
| 9/27/2016 10:58 | 12.73 | 66.02 | 0 | 0 | 0 | 0 | 0 | 0 | 45 | 0 | 0.337 | 24.3 | 0.1 | 0 | 42.8113 | -78.8528 |
| 9/27/2016 10:57 | 12.73 | 68.86 | 0 | 0 | 0 | 0 | 0 | 0 | 45 | 0 | 0.337 | 24.2 | 0.1 | 0 | 42.8113 | -78.8528 |
| 9/27/2016 10:56 | 12.73 | 63.95 | 0 | 0 | 0 | 0 | 0 | 0 | 45 | 0 | 0.337 | 24.2 | 0.1 | 0 | 42.8113 | -78.8528 |
| 9/27/2016 10:55 | 12.73 | 66.67 | 0 | 0 | 0 | 0 | 0 | 0 | 45 | 0 | 0.337 | 24.1 | 0.1 | 0 | 42.8113 | -78.8528 |
| 9/27/2016 10:54 | 12.72 | 69.9 | 0 | 0 | 0 | 0 | 0 | 0 | 45 | 0 | 0.337 | 24 | 0.1 | 0 | 42.8113 | -78.8528 |
| 9/27/2016 10:53 | 12.71 | 78.29 | 0 | 0 | 0 | 0 | 0 | 0 | 45 | 0 | 0.337 | 24 | 0.1 | 0 | 42.8113 | -78.8528 |
| 9/27/2016 10:52 | 12.72 | 79.59 | 0 | 0 | 0 | 0 | 0 | 0 | 46 | 0 | 0.337 | 24 | 0.1 | 0 | 42.8113 | -78.8528 |
| 9/27/2016 10:51 | 12.72 | 75.84 | 0 | 0 | 0 | 0 | 0 | 0 | 45 | 0 | 0.337 | 23.8 | 0.1 | 0 | 42.8113 | -78.8528 |
| 9/27/2016 10:50 | 12.72 | 73.51 | 0 | 0 | 0 | 0 | 0 | 0 | 45 | 0 | 0.337 | 23.9 | 0.2 | 0 | 42.8113 | -78.8528 |
| 9/27/2016 10:49 | 12.71 | 84.75 | 0 | 0 | 0 | 0 | 0 | 0 | 45 | 0 | 0.337 | 23.7 | 0.2 | 0 | 42.8113 | -78.8528 |
| 9/27/2016 10:48 | 12.73 | 67.7 | 0 | 0 | 0 | 0 | 0 | 0 | 45 | 0 | 0.337 | 23.7 | 0.2 | 0 | 42.8113 | -78.8528 |
| 9/27/2016 10:47 | 12.73 | 66.54 | 0 | 0 | 0 | 0 | 0 | 0 | 45 | 0 | 0.337 | 23.7 | 0.2 | 0 | 42.8113 | -78.8528 |
| 9/27/2016 10:46 | 12.74 | 66.8 | 0 | 0 | 0 | 0 | 0 | 0 | 46 | 0 | 0.337 | 23.7 | 0.2 | 0 | 42.8113 | -78.8528 |
| 9/27/2016 10:45 | 12.74 | 66.8 | 0 | 0 | 0 | 0 | 0 | 0 | 45 | 0 | 0.337 | 23.6 | 0.2 | 0 | 42.8113 | -78.8528 |
| 9/27/2016 10:44 | 12.73 | 66.02 | 0 | 0 | 0 | 0 | 0 | 0 | 45 | 0 | 0.337 | 23.5 | 0.2 | 0 | 42.8113 | -78.8528 |
| 9/27/2016 10:43 | | | 0 | 0 | 0 | 0 | 0 | 0 | | | | | | | | |
| 9/27/2016 10:42 | 12.73 | 68.22 | | | | | | | | | | | | | 42.8113 | -78.8528 |
| 9/27/2016 10:41 | 12.74 | 67.18 | 0 | 0 | 0 | 0 | 0 | 0 | 45 | 0 | 0.337 | 23.4 | 0.2 | 0 | 42.8113 | -78.8528 |
| 9/27/2016 10:40 | 12.73 | 70.03 | 0 | 0 | 0 | 0 | 0 | 0 | 44 | 0 | 0.337 | 23.5 | 0.2 | 0 | 42.8113 | -78.8528 |
| 9/27/2016 10:39 | 12.73 | 67.83 | 0 | 0 | 0 | 0 | 0 | 0 | 46 | 0 | 0.337 | 23.3 | 0.2 | 0 | 42.8113 | -78.8528 |
| 9/27/2016 10:38 | 12.74 | 67.96 | 0 | 0 | 0 | 0 | 0 | 0 | 45 | 0 | 0.337 | 23.3 | 0.2 | 0 | 42.8113 | -78.8528 |
| 9/27/2016 10:37 | 12.74 | 66.93 | 0 | 0 | 0 | 0 | 0 | 0 | 46 | 0 | 0.337 | 23.2 | 0.2 | 0 | 42.8113 | -78.8528 |
| 9/27/2016 10:36 | 12.72 | 72.09 | 0 | 0 | 0 | 0 | 0 | 0 | 45 | 0 | 0.337 | 23.3 | 0.2 | 0 | 42.8113 | -78.8528 |
| 9/27/2016 10:35 | 12.74 | 69.64 | 0 | 0 | 0 | 0 | 0 | 0 | 45 | 0 | 0.337 | 23.2 | 0.2 | 0 | 42.8113 | -78.8528 |
| 9/27/2016 10:34 | 12.73 | 70.41 | 0 | 0 | 0 | 0 | 0 | 0 | 45 | 0 | 0.337 | 23.2 | 0.2 | 0 | 42.8113 | -78.8528 |
| 9/27/2016 10:33 | 12.73 | 69.25 | 0 | 0 | 0 | 0 | 0 | 0 | 45 | 0 | 0.337 | 23.1 | 0.2 | 0 | 42.8113 | -78.8528 |
| 9/27/2016 10:32 | 12.74 | 66.93 | 0 | 0 | 0 | 0 | 0 | 0 | 45 | 0 | 0.337 | 23 | 0.2 | 0 | 42.8113 | -78.8528 |
| 9/27/2016 10:31 | 12.72 | 85.66 | 0 | 0 | 0 | 0 | 0 | 0 | 45 | 0 | 0.337 | 23 | 0.2 | 0 | 42.8113 | -78.8528 |
| 9/27/2016 10:30 | 12.73 | 71.58 | 0 | 0 | 0 | 0 | 0 | 0 | 45 | 0 | 0.337 | 23 | 0.2 | 0 | 42.8113 | -78.8528 |
| 9/27/2016 10:29 | 12.73 | 70.03 | 0 | 0 | 0 | 0 | 0 | 0 | 44 | 0 | 0.337 | 22.8 | 0.2 | 0 | 42.8112 | -78.8528 |
| 9/27/2016 10:28 | 12.74 | 67.18 | 0 | 0 | 0 | 0 | 0 | 0 | 45 | 0 | 0.337 | 22.9 | 0.2 | 0 | 42.8113 | -78.8528 |

| Timestamp (GMT-4) | Batt. Voltage (V) | Current (mA) | Low (ppm) | Peak (ppm) | STEL (ppm) | TWA (ppm) | VOC (ppm) | VOC (Avg15) (ppm) | Humidity (%) | Mass (µg/m³) | Particle size (µm) | Temperature (°C) | TWA (µg/m³) | Mass (Avg15) (µg/m³) | Latitude | Longitude |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 9/27/2016 10:27 | 12.74 | 68.09 | 0 | 0 | 0 | 0 | 0 | 0 | 45 | 0 | 0.337 | 22.9 | 0.2 | 0 | 42.8113 | -78.8528 |
| 9/27/2016 10:26 | 12.74 | 66.28 | 0 | 0 | 0 | 0 | 0 | 0 | 44 | 0 | 0.337 | 22.7 | 0.2 | 0 | 42.8113 | -78.8528 |
| 9/27/2016 10:25 | 12.74 | 71.58 | 0 | 0 | 0 | 0 | 0 | 0 | 45 | 0 | 0.337 | 22.7 | 0.2 | 0 | 42.8112 | -78.8528 |
| 9/27/2016 10:24 | 12.74 | 68.09 | 0 | 0 | 0 | 0 | 0 | 0 | 44 | 0 | 0.337 | 22.6 | 0.2 | 0 | 42.8113 | -78.8528 |
| 9/27/2016 10:23 | 12.74 | 64.86 | 0 | 0 | 0 | 0 | 0 | 0 | 45 | 0 | 0.337 | 22.6 | 0.2 | 0 | 42.8113 | -78.8528 |
| 9/27/2016 10:22 | 12.73 | 71.45 | 0 | 0 | 0 | 0 | 0 | 0 | 44 | 0 | 0.337 | 22.7 | 0.2 | 0 | 42.8113 | -78.8528 |
| 9/27/2016 10:21 | 12.74 | 64.34 | 0 | 0 | 0 | 0 | 0 | 0 | 44 | 0 | 0.337 | 22.6 | 0.2 | 0 | 42.8113 | -78.8528 |
| 9/27/2016 10:20 | 12.73 | 74.94 | 0 | 0 | 0 | 0 | 0 | 0 | 45 | 0 | 0.337 | 22.5 | 0.2 | 0 | 42.8113 | -78.8528 |
| 9/27/2016 10:19 | 12.74 | 66.67 | 0 | 0 | 0 | 0 | 0 | 0 | 45 | 0 | 0.337 | 22.4 | 0.2 | 0 | 42.8113 | -78.8528 |
| 9/27/2016 10:18 | 12.74 | 71.71 | 0 | 0 | 0 | 0 | 0 | 0 | 44 | 0 | 0.337 | 22.4 | 0.2 | 0 | 42.8113 | -78.8528 |
| 9/27/2016 10:17 | 12.73 | 69.25 | 0 | 0 | 0 | 0 | 0 | 0 | 45 | 0 | 0.337 | 22.4 | 0.2 | 0 | 42.8113 | -78.8528 |
| 9/27/2016 10:16 | 12.74 | 66.54 | 0 | 0 | 0 | 0 | 0 | 0 | 45 | 0 | 0.337 | 22.3 | 0.2 | 0 | 42.8113 | -78.8528 |
| 9/27/2016 10:15 | 12.74 | 65.89 | 0 | 0 | 0 | 0 | 0 | 0 | 45 | 0 | 0.337 | 22.3 | 0.2 | 0 | 42.8113 | -78.8528 |
| 9/27/2016 10:14 | 12.73 | 68.6 | 0 | 0 | 0 | 0 | 0 | 0 | 44 | 0 | 0.337 | 22.2 | 0.2 | 0 | 42.8113 | -78.8528 |
| 9/27/2016 10:13 | 12.73 | 69.9 | 0 | 0 | 0 | 0 | 0 | 0 | 45 | 0 | 0.337 | 22.2 | 0.2 | 0 | 42.8113 | -78.8528 |
| 9/27/2016 10:12 | 12.74 | 66.41 | 0 | 0 | 0 | 0 | 0 | 0 | 44 | 0 | 0.337 | 22.1 | 0.2 | 0 | 42.8113 | -78.8528 |
| 9/27/2016 10:11 | 12.74 | 66.93 | 0 | 0 | 0 | 0 | 0 | 0 | 45 | 0 | 0.337 | 22.1 | 0.2 | 0 | 42.8113 | -78.8528 |
| 9/27/2016 10:10 | 12.74 | 65.89 | 0 | 0 | 0 | 0 | 0 | 0 | 45 | 0 | 0.337 | 22 | 0.2 | 0 | 42.8113 | -78.8528 |
| 9/27/2016 10:09 | 12.74 | 66.15 | 0 | 0 | 0 | 0 | 0 | 0 | 45 | 0 | 0.337 | 22 | 0.3 | 0 | 42.8113 | -78.8528 |
| 9/27/2016 10:08 | 12.73 | 68.86 | 0 | 0 | 0 | 0 | 0 | 0 | 45 | 0 | 0.337 | 22 | 0.3 | 0 | 42.8113 | -78.8528 |
| 9/27/2016 10:07 | 12.73 | 69.51 | 0 | 0 | 0 | 0 | 0 | 0 | 45 | 0 | 0.337 | 22 | 0.3 | 0 | 42.8113 | -78.8528 |
| 9/27/2016 10:06 | 12.74 | 66.28 | 0 | 0 | 0 | 0 | 0 | 0 | 45 | 0 | 0.337 | 21.8 | 0.3 | 0 | 42.8113 | -78.8528 |
| 9/27/2016 10:05 | 12.74 | 71.06 | 0 | 0 | 0 | 0 | 0 | 0 | 44 | 0 | 0.337 | 21.8 | 0.3 | 0 | 42.8113 | -78.8528 |
| 9/27/2016 10:04 | 12.72 | 87.6 | 0 | 0 | 0 | 0 | 0 | 0 | 45 | 0 | 0.337 | 21.8 | 0.3 | 0 | 42.8113 | -78.8528 |
| 9/27/2016 10:03 | 12.74 | 71.96 | 0 | 0 | 0 | 0 | 0 | 0 | 44 | 0 | 0.337 | 21.7 | 0.3 | 0 | 42.8113 | -78.8528 |
| 9/27/2016 10:02 | 12.73 | 72.74 | 0 | 0 | 0 | 0 | 0 | 0 | 44 | 0 | 0.337 | 21.7 | 0.3 | 0 | 42.8113 | -78.8528 |
| 9/27/2016 10:01 | 12.74 | 67.96 | 0 | 0 | 0 | 0 | 0 | 0 | 45 | 0 | 0.337 | 21.7 | 0.3 | 0 | 42.8113 | -78.8528 |
| 9/27/2016 10:00 | 12.74 | 69.51 | 0 | 0 | 0 | 0 | 0 | 0 | 44 | 0 | 0.337 | 21.6 | 0.3 | 0 | 42.8113 | -78.8528 |
| 9/27/2016 9:59 | 12.74 | 70.54 | 0 | 0 | 0 | 0 | 0 | 0 | 44 | 0 | 0.337 | 21.6 | 0.3 | 0 | 42.8113 | -78.8528 |
| 9/27/2016 9:58 | 12.74 | 67.96 | 0 | 0 | 0 | 0 | 0 | 0 | 45 | 0 | 0.337 | 21.6 | 0.3 | 0 | 42.8113 | -78.8528 |
| 9/27/2016 9:57 | 12.74 | 73.9 | 0 | 0 | 0 | 0 | 0 | 0 | 44 | 0 | 0.337 | 21.5 | 0.3 | 0 | 42.8113 | -78.8528 |
| 9/27/2016 9:56 | 12.74 | 66.02 | 0 | 0 | 0 | 0 | 0 | 0 | 44 | 0 | 0.337 | 21.4 | 0.3 | 0 | 42.8113 | -78.8528 |
| 9/27/2016 9:55 | 12.74 | 68.99 | 0 | 0 | 0 | 0 | 0 | 0 | 44 | 0 | 0.337 | 21.3 | 0.3 | 0 | 42.8113 | -78.8528 |
| 9/27/2016 9:54 | 12.74 | 72.74 | 0 | 0 | 0 | 0 | 0 | 0 | 44 | 0 | 0.337 | 21.3 | 0.3 | 0 | 42.8113 | -78.8528 |
| 9/27/2016 9:53 | 12.74 | 70.93 | 0 | 0 | 0 | 0 | 0 | 0 | 45 | 0 | 0.337 | 21.3 | 0.3 | 0 | 42.8113 | -78.8528 |
| 9/27/2016 9:52 | 12.74 | 67.57 | 0 | 0 | 0 | 0 | 0 | 0 | 44 | 0 | 0.337 | 21.3 | 0.3 | 0 | 42.8113 | -78.8528 |
| 9/27/2016 9:51 | 12.74 | 67.31 | 0 | 0 | 0 | 0 | 0 | 0 | 45 | 0 | 0.337 | 21.2 | 0.4 | 0 | 42.8113 | -78.8528 |
| 9/27/2016 9:50 | 12.74 | 69.64 | 0 | 0 | 0 | 0 | 0 | 0 | 44 | 0 | 0.337 | 21.1 | 0.4 | 0 | 42.8113 | -78.8528 |
| 9/27/2016 9:49 | 12.74 | 69.77 | 0 | 0 | 0 | 0 | 0 | 0 | 44 | 0 | 0.337 | 21.2 | 0.4 | 0 | 42.8113 | -78.8528 |
| 9/27/2016 9:48 | 12.74 | 68.48 | 0 | 0 | 0 | 0 | 0 | 0 | 44 | 0 | 0.337 | 21 | 0.4 | 0 | 42.8113 | -78.8528 |
| 9/27/2016 9:47 | 12.75 | 64.34 | 0 | 0 | 0 | 0 | 0 | 0 | 44 | 0 | 0.337 | 21 | 0.4 | 0 | 42.8113 | -78.8528 |
| 9/27/2016 9:46 | 12.73 | 81.27 | 0 | 0 | 0 | 0 | 0 | 0 | 44 | 0 | 0.337 | 21.1 | 0.4 | 0 | 42.8113 | -78.8528 |
| 9/27/2016 9:45 | 12.74 | 69.9 | 0 | 0 | 0 | 0 | 0 | 0 | 44 | 0 | 0.337 | 20.9 | 0.4 | 0 | 42.8113 | -78.8528 |
| 9/27/2016 9:44 | 12.74 | 71.06 | 0 | 0 | 0 | 0 | 0 | 0 | 43 | 0 | 0.337 | 21 | 0.4 | 0 | 42.8113 | -78.8528 |
| 9/27/2016 9:43 | 12.74 | 69.64 | 0 | 0 | 0 | 0 | 0 | 0 | 44 | 0 | 0.337 | 21 | 0.4 | 0 | 42.8113 | -78.8528 |
| 9/27/2016 9:42 | 12.74 | 68.99 | 0 | 0 | 0 | 0 | 0 | 0 | 44 | 0 | 0.337 | 20.9 | 0.4 | 0 | 42.8113 | -78.8528 |

| Timestamp (GMT-4) | Batt. Voltage (V) | Current (mA) | Low (ppm) | Peak (ppm) | STEL (ppm) | TWA (ppm) | VOC (ppm) | VOC (Avg15) (ppm) | Humidity (%) | Mass (µg/m³) | Particle size (µm) | Temperature (°C) | TWA (µg/m³) | Mass (Avg15) (µg/m³) | Latitude | Longitude |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 9/27/2016 9:41 | 12.74 | 71.32 | 0 | 0 | 0 | 0 | 0 | 0 | 44 | 0 | 0.337 | 20.7 | 0.5 | 0 | 42.8113 | -78.8528 |
| 9/27/2016 9:40 | 12.74 | 73.9 | 0 | 0 | 0 | 0 | 0 | 0 | 44 | 0 | 0.337 | 20.8 | 0.5 | 0 | 42.8113 | -78.8528 |
| 9/27/2016 9:39 | 12.75 | 66.41 | 0 | 0 | 0 | 0 | 0 | 0 | 44 | 0 | 0.337 | 20.7 | 0.5 | 0 | 42.8113 | -78.8528 |
| 9/27/2016 9:38 | 12.74 | 69.64 | 0 | 0 | 0 | 0 | 0 | 0 | 44 | 0 | 0.337 | 20.6 | 0.5 | 0 | 42.8113 | -78.8528 |
| 9/27/2016 9:37 | 12.74 | 71.32 | 0 | 0 | 0 | 0 | 0 | 0 | 44 | 0 | 0.337 | 20.6 | 0.5 | 0 | 42.8113 | -78.8528 |
| 9/27/2016 9:36 | 12.75 | 65.25 | 0 | 0 | 0 | 0 | 0 | 0 | 43 | 0 | 0.337 | 20.6 | 0.5 | 0 | 42.8113 | -78.8528 |
| 9/27/2016 9:35 | 12.74 | 67.83 | 0 | 0 | 0 | 0 | 0 | 0 | 44 | 0 | 0.337 | 20.6 | 0.6 | 0 | 42.8113 | -78.8528 |
| 9/27/2016 9:34 | 12.74 | 72.74 | 0 | 0 | 0 | 0 | 0 | 0 | 43 | 0 | 0.337 | 20.6 | 0.6 | 0 | 42.8113 | -78.8528 |
| 9/27/2016 9:33 | 12.74 | 72.22 | 0 | 0 | 0 | 0 | 0 | 0 | 44 | 0 | 0.337 | 20.6 | 0.6 | 0 | 42.8113 | -78.8528 |
| 9/27/2016 9:32 | 12.74 | 66.28 | 0 | 0 | 0 | 0 | 0 | 0 | 43 | 0 | 0.337 | 20.5 | 0.6 | 0 | 42.8113 | -78.8528 |
| 9/27/2016 9:31 | 12.73 | 74.94 | 0 | 0 | 0 | 0 | 0 | 0 | 44 | 0 | 0.337 | 20.4 | 0.7 | 0 | 42.8113 | -78.8528 |
| 9/27/2016 9:30 | 12.74 | 65.25 | 0 | 0 | 0 | 0 | 0 | 0 | 44 | 0 | 0.337 | 20.5 | 0.7 | 0 | 42.8113 | -78.8528 |
| 9/27/2016 9:29 | 12.74 | 75.71 | 0 | 0 | 0 | 0 | 0 | 0 | 44 | 0 | 0.337 | 20.4 | 0.7 | 0 | 42.8113 | -78.8528 |
| 9/27/2016 9:28 | 12.74 | 67.05 | 0 | 0 | 0 | 0 | 0 | 0 | 43 | 0 | 0.337 | 20.3 | 0.8 | 0 | 42.8113 | -78.8528 |
| 9/27/2016 9:27 | 12.74 | 78.68 | 0 | 0 | 0 | 0 | 0 | 0 | 43 | 0 | 0.337 | 20.3 | 0.8 | 0.02 | 42.8113 | -78.8528 |
| 9/27/2016 9:26 | 12.72 | 86.18 | 0 | 0 | 0 | 0 | 0 | 0 | 43 | 0 | 0.337 | 20.2 | 0.8 | 0.02 | 42.8113 | -78.8528 |
| 9/27/2016 9:25 | 12.73 | 80.75 | 0 | 0 | 0 | 0 | 0 | 0 | 44 | 0 | 0.337 | 20.2 | 0.9 | 0.02 | 42.8113 | -78.8528 |
| 9/27/2016 9:24 | 12.72 | 86.18 | 0 | 0 | 0 | 0 | 0 | 0 | | | | | | | 42.8113 | -78.8528 |
| 9/27/2016 9:23 | 12.74 | 66.28 | 0 | 0 | 0 | 0 | 0 | 0 | 43 | 0 | 0.337 | 20.2 | 1 | 0.02 | 42.8113 | -78.8528 |
| 9/27/2016 9:22 | 12.73 | 70.16 | 0 | 0 | 0 | 0 | 0 | 0 | 43 | 0 | 0.337 | 20.2 | 1.1 | 0.02 | 42.8113 | -78.8528 |
| 9/27/2016 9:21 | 12.74 | 67.96 | 0 | 0 | 0 | 0 | 0 | 0 | 43 | 0 | 0.337 | 20.2 | 1.1 | 0.02 | 42.8113 | -78.8528 |
| 9/27/2016 9:20 | 12.74 | 68.6 | 0 | 0 | 0 | 0 | 0 | 0 | 42 | 0 | 0.337 | 20.2 | 1.2 | 0.02 | 42.8113 | -78.8528 |
| 9/27/2016 9:19 | 12.74 | 70.16 | 0 | 0 | 0 | 0 | 0 | 0 | 43 | 0 | 0.337 | 20.1 | 1.3 | 0.03 | 42.8113 | -78.8528 |
| 9/27/2016 9:17 | 12.74 | 67.96 | 0 | 0 | 0 | 0 | 0 | 0 | 43 | 0 | 0.337 | 20.2 | 1.7 | 0.03 | 42.8113 | -78.8528 |
| 9/27/2016 9:16 | 12.72 | 84.37 | 0 | 0 | 0 | 0 | 0 | 0 | 43 | 0 | 0.337 | 20.2 | 1.9 | 0.03 | 42.8113 | -78.8528 |
| 9/27/2016 9:15 | 12.72 | 88.11 | 0 | 0 | 0 | 0 | 0 | 0 | | | | | | | 42.8113 | -78.8528 |
| 9/27/2016 9:14 | 12.73 | 68.6 | 0 | 0 | 0 | 0 | 0 | 0 | 43 | 0 | 0.337 | 20.1 | 2.4 | 0.04 | 42.8113 | -78.8528 |
| 9/27/2016 9:13 | 12.73 | 71.06 | 0 | 0 | 0 | 0 | 0 | 0 | 43 | 0.2 | 0.337 | 20.1 | 2.9 | 0.05 | 42.8113 | -78.8528 |
| 9/27/2016 9:12 | 12.73 | 69.77 | 0 | 0 | 0 | 0 | 0 | 0 | 43 | 0 | 0.337 | 20.1 | 3.5 | 0 | 42.8113 | -78.8528 |
| 9/27/2016 9:11 | 12.72 | 86.05 | 0 | 0 | 0 | 0 | 0 | 0 | 42 | 0 | 0.337 | 20.1 | 4.5 | 0 | 42.8113 | -78.8528 |
| 9/27/2016 9:10 | 12.74 | 67.7 | 0 | 0 | 0 | 0 | 0 | 0 | 42 | 0 | 0.337 | 20.2 | 6.9 | 0 | 42.8113 | -78.8528 |
| 9/27/2016 9:09 | 12.74 | 66.41 | 0 | 0 | 0 | 0 | 0 | 0 | | | | | | | 42.8113 | -78.8528 |

| Timestamp (GMT-4) | Batt. Voltage (V) | Current (mA) | Low (ppm) | Peak (ppm) | STEL (ppm) | TWA (ppm) | VOC (ppm) | VOC (Avg15) (ppm) | Humidity (%) | Mass (µg/m³) | Particle size (µm) | Temperature (℃) | TWA (µg/m³) | Mass (Avg15) (µg/m³) | Latitude | Longitude |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 9/28/2016 17:14 | 12.59 | 70.54 | 0 | 0 | 0 | 0 | 0 | 0 | 27 | 3.2 | 0.75 | 30.7 | 7.9 | 3.98 | 42.8113 | -78.8528 |
| 9/28/2016 17:13 | 12.59 | 65.63 | 0 | 0 | 0 | 0 | 0 | 0 | 27 | 6.2 | 0.963 | 30.8 | 7.9 | 3.95 | 42.8113 | -78.8528 |
| 9/28/2016 17:12 | 12.59 | 67.7 | 0 | 0 | 0 | 0 | 0 | 0 | 27 | 5 | 1.133 | 30.8 | 7.9 | 3.78 | 42.8113 | -78.8528 |
| 9/28/2016 17:11 | 12.59 | 68.99 | 0 | 0 | 0 | 0 | 0 | 0 | 27 | 4.8 | 0.758 | 30.8 | 7.9 | 3.71 | 42.8113 | -78.8528 |
| 9/28/2016 17:10 | 12.59 | 69.51 | 0 | 0 | 0 | 0 | 0 | 0 | 27 | 3.8 | 1.204 | 31 | 7.9 | 3.69 | 42.8113 | -78.8528 |
| 9/28/2016 17:09 | 12.59 | 68.86 | 0 | 0 | 0 | 0 | 0 | 0 | 28 | 3.5 | 0.67 | 30.9 | 7.9 | 3.61 | 42.8113 | -78.8528 |
| 9/28/2016 17:08 | 12.58 | 68.73 | 0 | 0 | 0 | 0 | 0 | 0 | 27 | 4.4 | 0.733 | 31 | 7.9 | 3.57 | 42.8113 | -78.8528 |
| 9/28/2016 17:07 | 12.59 | 68.99 | 0 | 0 | 0 | 0 | 0 | 0 | 27 | 2.7 | 0.445 | 31 | 7.9 | 3.49 | 42.8113 | -78.8528 |
| 9/28/2016 17:06 | 12.57 | 88.24 | 0 | 0 | 0 | 0 | 0 | 0 | 27 | 3.8 | 0.476 | 31.1 | 7.9 | 3.65 | 42.8113 | -78.8528 |
| 9/28/2016 17:05 | 12.57 | 81.78 | 0 | 0 | 0 | 0 | 0 | 0 | 28 | 3.4 | 0.838 | 31 | 7.9 | 4.01 | 42.8113 | -78.8528 |
| 9/28/2016 17:04 | 12.59 | 72.35 | 0 | 0 | 0 | 0 | 0 | 0 | 27 | 4 | 0.839 | 31.1 | 7.9 | 4.57 | 42.8113 | -78.8528 |
| 9/28/2016 17:03 | 12.59 | 66.54 | 0 | 0 | 0 | 0 | 0 | 0 | 27 | 3.6 | 0.655 | 31.1 | 8 | 4.65 | 42.8113 | -78.8528 |
| 9/28/2016 17:02 | 12.58 | 81.78 | 0 | 0 | 0 | 0 | 0 | 0 | 27 | 3.9 | 0.638 | 31.2 | 8 | 4.69 | 42.8113 | -78.8528 |
| 9/28/2016 17:01 | 12.59 | 75.32 | 0 | 0 | 0 | 0 | 0 | 0 | 27 | 3.6 | 0.545 | 31.3 | 8 | 4.68 | 42.8113 | -78.8528 |
| 9/28/2016 17:00 | 12.59 | 69.77 | 0 | 0 | 0 | 0 | 0 | 0 | 26 | 3.8 | 0.781 | 31.3 | 8 | 4.79 | 42.8113 | -78.8528 |
| 9/28/2016 16:59 | 12.59 | 71.06 | 0 | 0 | 0 | 0 | 0 | 0 | 27 | 2.7 | 0.536 | 31.3 | 8 | 5.29 | 42.8113 | -78.8528 |
| 9/28/2016 16:58 | 12.59 | 67.31 | 0 | 0 | 0 | 0 | 0 | 0 | 27 | 3.7 | 0.616 | 31.3 | 8 | 5.53 | 42.8112 | -78.8528 |
| 9/28/2016 16:57 | 12.59 | 85.01 | 0 | 0 | 0 | 0 | 0 | 0 | 27 | 3.9 | 0.723 | 31.4 | 8 | 5.53 | 42.8112 | -78.8528 |
| 9/28/2016 16:56 | 12.61 | 67.44 | 0 | 0 | 0 | 0 | 0 | 0 | 27 | 4.6 | 0.621 | 31.5 | 8 | 5.55 | 42.8113 | -78.8528 |
| 9/28/2016 16:55 | 12.58 | 80.1 | 0 | 0 | 0 | 0 | 0 | 0 | 27 | 2.6 | 0.388 | 31.5 | 8 | 5.51 | 42.8113 | -78.8528 |
| 9/28/2016 16:54 | 12.6 | 65.25 | 0 | 0 | 0 | 0 | 0 | 0 | 27 | 2.9 | 0.71 | 31.5 | 8 | 5.6 | 42.8113 | -78.8528 |
| 9/28/2016 16:53 | 12.57 | 85.01 | 0 | 0 | 0 | 0 | 0 | 0 | 27 | 3.2 | 0.481 | 31.5 | 8 | 5.79 | 42.8112 | -78.8528 |
| 9/28/2016 16:52 | 12.59 | 74.55 | 0 | 0 | 0 | 0 | 0 | 0 | 27 | 5.1 | 0.669 | 31.6 | 8 | 5.99 | 42.8113 | -78.8528 |
| 9/28/2016 16:51 | 12.59 | 87.08 | 0 | 0 | 0 | 0 | 0 | 0 | 26 | 9.2 | 0.613 | 31.7 | 8 | 5.96 | 42.8113 | -78.8528 |
| 9/28/2016 16:50 | 12.59 | 67.96 | 0 | 0 | 0 | 0 | 0 | 0 | 27 | 11.7 | 4 | 31.7 | 8 | 5.68 | 42.8113 | -78.8528 |
| 9/28/2016 16:49 | 12.59 | 70.41 | 0 | 0 | 0 | 0 | 0 | 0 | 27 | 5.3 | 0.78 | 31.7 | 8 | 5.57 | 42.8113 | -78.8528 |
| 9/28/2016 16:48 | 12.6 | 68.73 | 0 | 0 | 0 | 0 | 0 | 0 | 27 | 4.2 | 0.658 | 31.8 | 8 | 5.74 | 42.8113 | -78.8528 |
| 9/28/2016 16:47 | 12.59 | 71.32 | 0 | 0 | 0 | 0 | 0 | 0 | 27 | 3.7 | 0.657 | 31.7 | 8 | 5.72 | 42.8113 | -78.8528 |
| 9/28/2016 16:46 | 12.6 | 68.86 | 0 | 0 | 0 | 0 | 0 | 0 | 27 | 5.3 | 0.923 | 31.8 | 8 | 5.75 | 42.8113 | -78.8528 |
| 9/28/2016 16:45 | 12.59 | 71.96 | 0 | 0 | 0 | 0 | 0 | 0 | 27 | 11.3 | 4 | 31.8 | 8 | 5.55 | 42.8113 | -78.8528 |
| 9/28/2016 16:44 | 12.6 | 64.86 | 0 | 0 | 0 | 0 | 0 | 0 | 27 | 6.2 | 0.582 | 32 | 8.1 | 5.07 | 42.8113 | -78.8528 |
| 9/28/2016 16:43 | 12.6 | 71.06 | 0 | 0 | 0 | 0 | 0 | 0 | 26 | 3.7 | 0.62 | 32 | 8.1 | 4.91 | 42.8113 | -78.8528 |
| 9/28/2016 16:42 | 12.59 | 72.48 | 0 | 0 | 0 | 0 | 0 | 0 | 26 | 4.2 | 0.712 | 31.9 | 8.1 | 4.94 | 42.8113 | -78.8528 |
| 9/28/2016 16:41 | 12.59 | 76.62 | 0 | 0 | 0 | 0 | 0 | 0 | 26 | 4.1 | 0.894 | 32 | 8.1 | 5 | 42.8113 | -78.8528 |
| 9/28/2016 16:40 | 12.59 | 71.71 | 0 | 0 | 0 | 0 | 0 | 0 | 27 | 3.9 | 0.525 | 32.1 | 8.1 | 4.94 | 42.8113 | -78.8528 |
| 9/28/2016 16:38 | 12.6 | 69.77 | 0 | 0 | 0 | 0 | 0 | 0 | | | | | | | 42.8113 | -78.8528 |
| 9/28/2016 16:37 | 12.6 | 69.77 | 0 | 0 | 0 | 0 | 0 | 0 | 27 | 4.7 | 1.01 | 32 | 8.1 | 5.06 | 42.8113 | -78.8528 |
| 9/28/2016 16:36 | 12.6 | 68.86 | 0 | 0 | 0 | 0 | 0 | 0 | 26 | 5.5 | 1.534 | 32.2 | 8.1 | 4.99 | 42.8113 | -78.8528 |
| 9/28/2016 16:35 | 12.6 | 68.09 | 0 | 0 | 0 | 0 | 0 | 0 | 26 | 10.3 | 4 | 32.2 | 8.1 | 4.94 | 42.8113 | -78.8528 |
| 9/28/2016 16:34 | 12.61 | 67.18 | 0 | 0 | 0 | 0 | 0 | 0 | 26 | 7.5 | 1.475 | 32.2 | 8.1 | 4.45 | 42.8113 | -78.8528 |
| 9/28/2016 16:33 | 12.61 | 71.45 | 0 | 0 | 0 | 0 | 0 | 0 | 27 | 4 | 0.781 | 32.3 | 8.1 | 4.17 | 42.8113 | -78.8528 |
| 9/28/2016 16:32 | 12.6 | 70.54 | 0 | 0 | 0 | 0 | 0 | 0 | 27 | 4 | 0.641 | 32.2 | 8.1 | 4.09 | 42.8113 | -78.8528 |
| 9/28/2016 16:31 | 12.6 | 68.73 | 0 | 0 | 0 | 0 | 0 | 0 | 26 | 2.8 | 0.45 | 32.3 | 8.1 | 4.03 | 42.8113 | -78.8528 |
| 9/28/2016 16:30 | 12.58 | 86.69 | 0 | 0 | 0 | 0 | 0 | 0 | 27 | 5 | 0.613 | 32.2 | 8.1 | 4.13 | 42.8113 | -78.8528 |
| 9/28/2016 16:29 | 12.59 | 71.83 | 0 | 0 | 0 | 0 | 0 | 0 | 27 | 4.1 | 0.624 | 32.3 | 8.1 | 4.18 | 42.8113 | -78.8528 |
| 9/28/2016 16:28 | 12.61 | 68.99 | 0 | 0 | 0 | 0 | 0 | 0 | 27 | 4.1 | 0.514 | 32.3 | 8.1 | 4.23 | 42.8113 | -78.8528 |

| Timestamp (GMT-4) | Batt. Voltage (V) | Current (mA) | Low (ppm) | Peak (ppm) | STEL (ppm) | TWA (ppm) | VOC (ppm) | VOC (Avg15) (ppm) | Humidity (%) | Mass (µg/m³) | Particle size (µm) | Temperature (℃) | TWA (µg/m³) | Mass (Avg15) (µg/m³) | Latitude | Longitude |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 9/28/2016 16:27 | 12.6 | 69.64 | 0 | 0 | 0 | 0 | 0 | 0 | 27 | 5 | 0.692 | 32.3 | 8.2 | 4.2 | 42.8113 | -78.8528 |
| 9/28/2016 16:26 | 12.6 | 71.83 | 0 | 0 | 0 | 0 | 0 | 0 | 28 | 3.3 | 0.967 | 32.3 | 8.2 | 4.21 | 42.8113 | -78.8528 |
| 9/28/2016 16:25 | 12.61 | 71.19 | 0 | 0 | 0 | 0 | 0 | 0 | 27 | 3.5 | 0.696 | 32.4 | 8.2 | 4.26 | 42.8113 | -78.8528 |
| 9/28/2016 16:24 | 12.59 | 70.54 | 0 | 0 | 0 | 0 | 0 | 0 | 27 | 4.1 | 0.745 | 32.4 | 8.2 | 4.31 | 42.8113 | -78.8528 |
| 9/28/2016 16:23 | 12.6 | 67.7 | 0 | 0 | 0 | 0 | 0 | 0 | 27 | 8 | 0.529 | 32.3 | 8.2 | 4.39 | 42.8113 | -78.8528 |
| 9/28/2016 16:22 | 12.59 | 70.8 | 0 | 0 | 0 | 0 | 0 | 0 | 27 | 3.6 | 0.71 | 32.5 | 8.2 | 4.07 | 42.8113 | -78.8528 |
| 9/28/2016 16:21 | 12.61 | 67.57 | 0 | 0 | 0 | 0 | 0 | 0 | 27 | 4.8 | 0.578 | 32.3 | 8.2 | 4.01 | 42.8113 | -78.8528 |
| 9/28/2016 16:20 | 12.61 | 72.09 | 0 | 0 | 0 | 0 | 0 | 0 | 27 | 3 | 0.572 | 32.4 | 8.2 | 3.95 | 42.8113 | -78.8528 |
| 9/28/2016 16:19 | 12.6 | 73.77 | 0 | 0 | 0 | 0 | 0 | 0 | 27 | 3.2 | 0.586 | 32.3 | 8.2 | 4.02 | 42.8113 | -78.8528 |
| 9/28/2016 16:18 | 12.61 | 71.58 | 0 | 0 | 0 | 0 | 0 | 0 | 27 | 2.8 | 0.435 | 32.3 | 8.2 | 4.08 | 42.8113 | -78.8528 |
| 9/28/2016 16:17 | 12.59 | 78.68 | 0 | 0 | 0 | 0 | 0 | 0 | 28 | 3.2 | 0.409 | 32.3 | 8.2 | 4.13 | 42.8113 | -78.8528 |
| 9/28/2016 16:16 | 12.61 | 67.31 | 0 | 0 | 0 | 0 | 0 | 0 | 27 | 4.2 | 0.552 | 32.3 | 8.2 | 4.18 | 42.8113 | -78.8528 |
| 9/28/2016 16:15 | 12.61 | 64.86 | 0 | 0 | 0 | 0 | 0 | 0 | 27 | 5.8 | 0.533 | 32.3 | 8.2 | 4.05 | 42.8113 | -78.8528 |
| 9/28/2016 16:14 | 12.6 | 72.35 | 0 | 0 | 0 | 0 | 0 | 0 | 27 | 4.8 | 0.728 | 32.3 | 8.3 | 3.88 | 42.8114 | -78.8527 |
| 9/28/2016 16:13 | 12.6 | 76.36 | 0 | 0 | 0 | 0 | 0 | 0 | 27 | 3.7 | 0.62 | 32.3 | 8.3 | 3.76 | 42.8114 | -78.8527 |
| 9/28/2016 16:12 | 12.61 | 68.09 | 0 | 0 | 0 | 0 | 0 | 0 | 28 | 5.2 | 0.731 | 32.3 | 8.3 | 3.72 | 42.8114 | -78.8527 |
| 9/28/2016 16:11 | 12.59 | 91.6 | 0 | 0 | 0 | 0 | 0 | 0 | 27 | 4 | 0.578 | 32.3 | 8.3 | 3.53 | 42.8114 | -78.8528 |
| 9/28/2016 16:10 | 12.59 | 85.14 | | | | | | | | | | | | | 42.8113 | -78.8528 |
| 9/28/2016 16:09 | 12.6 | 70.03 | 0 | 0 | 0 | 0 | 0 | 0 | 27 | 5.1 | 0.61 | 32.3 | 8.3 | 3.63 | 42.8113 | -78.8528 |
| 9/28/2016 16:08 | 12.61 | 74.55 | 0 | 0 | 0 | 0 | 0 | 0 | 27 | 3.6 | 0.535 | 32.3 | 8.3 | 3.61 | 42.8113 | -78.8528 |
| 9/28/2016 16:07 | 12.61 | 72.35 | 0 | 0 | 0 | 0 | 0 | 0 | 27 | 2.8 | 0.719 | 32.3 | 8.3 | 3.74 | 42.8113 | -78.8528 |
| 9/28/2016 16:06 | 12.61 | 70.28 | 0 | 0 | 0 | 0 | 0 | 0 | 27 | 3.9 | 0.689 | 32.2 | 8.3 | 3.74 | 42.8113 | -78.8528 |
| 9/28/2016 16:05 | 12.61 | 72.48 | 0 | 0 | 0 | 0 | 0 | 0 | 28 | 4 | 0.599 | 32.3 | 8.3 | 3.81 | 42.8113 | -78.8528 |
| 9/28/2016 16:03 | 12.6 | 69.25 | | | | | | | 27 | 3.4 | 0.728 | 32.2 | 8.3 | 3.74 | 42.8113 | -78.8528 |
| 9/28/2016 16:02 | 12.61 | 64.47 | 0 | 0 | 0 | 0 | 0 | 0 | 28 | 3.8 | 0.608 | 32.2 | 8.3 | 3.78 | 42.8113 | -78.8528 |
| 9/28/2016 16:01 | 12.6 | 68.73 | 0 | 0 | 0 | 0 | 0 | 0 | 27 | 2.5 | 0.726 | 32.2 | 8.4 | 3.88 | 42.8113 | -78.8528 |
| 9/28/2016 16:00 | 12.6 | 70.67 | 0 | 0 | 0 | 0 | 0 | 0 | 27 | 3.6 | 0.637 | 32.1 | 8.4 | 4.05 | 42.8113 | -78.8528 |
| 9/28/2016 15:59 | 12.61 | 69.38 | 0 | 0 | 0 | 0 | 0 | 0 | 27 | 3.3 | 0.592 | 32.2 | 8.4 | 4.07 | 42.8113 | -78.8528 |
| 9/28/2016 15:58 | 12.61 | 70.16 | 0 | 0 | 0 | 0 | 0 | 0 | 27 | 3.1 | 0.585 | 32.1 | 8.4 | 4.07 | 42.8113 | -78.8528 |
| 9/28/2016 15:57 | 12.61 | 68.09 | 0 | 0 | 0 | 0 | 0 | 0 | 28 | 2.8 | 0.439 | 32.1 | 8.4 | 4.06 | 42.8113 | -78.8528 |
| 9/28/2016 15:56 | 12.6 | 72.35 | 0 | 0 | 0 | 0 | 0 | 0 | 28 | 3 | 0.491 | 32.1 | 8.4 | 4.11 | 42.8113 | -78.8528 |
| 9/28/2016 15:55 | 12.61 | 69.25 | 0 | 0 | 0 | 0 | 0 | 0 | 28 | 5.9 | 0.856 | 32.2 | 8.4 | 4.37 | 42.8113 | -78.8528 |
| 9/28/2016 15:54 | 12.59 | 83.72 | 0 | 0 | 0 | 0 | 0 | 0 | 27 | 4.9 | 0.872 | 32.1 | 8.4 | 4.23 | 42.8113 | -78.8528 |
| 9/28/2016 15:53 | 12.61 | 69.38 | 0 | 0 | 0 | 0 | 0 | 0 | 28 | 5.4 | 0.815 | 32.2 | 8.4 | 4.21 | 42.8113 | -78.8528 |
| 9/28/2016 15:52 | 12.6 | 69.25 | 0 | 0 | 0 | 0 | 0 | 0 | 28 | 2.7 | 0.526 | 32.1 | 8.4 | 4.32 | 42.8113 | -78.8528 |
| 9/28/2016 15:51 | 12.6 | 81.65 | 0 | 0 | 0 | 0 | 0 | 0 | 27 | 5 | 0.737 | 32.1 | 8.4 | 4.53 | 42.8113 | -78.8528 |
| 9/28/2016 15:50 | 12.6 | 82.43 | 0 | 0 | 0 | 0 | 0 | 0 | 27 | 3.2 | 0.636 | 32.1 | 8.5 | 4.48 | 42.8113 | -78.8528 |
| 9/28/2016 15:49 | 12.61 | 71.96 | 0 | 0 | 0 | 0 | 0 | 0 | 28 | 3.5 | 0.649 | 32.1 | 8.5 | 4.53 | 42.8113 | -78.8528 |
| 9/28/2016 15:48 | 12.62 | 74.81 | 0 | 0 | 0 | 0 | 0 | 0 | 27 | 4 | 0.56 | 32.1 | 8.5 | 4.57 | 42.8113 | -78.8528 |
| 9/28/2016 15:47 | 12.63 | 66.54 | 0 | 0 | 0 | 0 | 0 | 0 | 27 | 5.3 | 1.371 | 32.1 | 8.5 | 4.69 | 42.8113 | -78.8528 |
| 9/28/2016 15:46 | 12.61 | 74.94 | 0 | 0 | 0 | 0 | 0 | 0 | 27 | 5 | 1.331 | 32.1 | 8.5 | 4.58 | 42.8113 | -78.8528 |
| 9/28/2016 15:45 | 12.61 | 71.32 | 0 | 0 | 0 | 0 | 0 | 0 | 28 | 4 | 0.584 | 32.1 | 8.5 | 4.61 | 42.8113 | -78.8528 |
| 9/28/2016 15:44 | 12.61 | 72.22 | 0 | 0 | 0 | 0 | 0 | 0 | 28 | 3.2 | 0.468 | 32.1 | 8.5 | 4.73 | 42.8113 | -78.8528 |
| 9/28/2016 15:43 | 12.62 | 66.54 | 0 | 0 | 0 | 0 | 0 | 0 | 27 | 3 | 0.654 | 32.1 | 8.5 | 5.34 | 42.8113 | -78.8528 |
| 9/28/2016 15:42 | 12.59 | 87.86 | 0 | 0 | 0 | 0 | 0 | 0 | 27 | 3.5 | 0.785 | 32 | 8.5 | 5.4 | 42.8113 | -78.8528 |
| 9/28/2016 15:41 | 12.62 | 70.67 | 0 | 0 | 0 | 0 | 0 | 0 | 28 | 7 | 0.661 | 32 | 8.5 | 5.49 | 42.8113 | -78.8528 |

| Timestamp (GMT-4) | Batt. Voltage (V) | Current (mA) | Low (ppm) | Peak (ppm) | STEL (ppm) | TWA (ppm) | VOC (ppm) | VOC (Avg15) (ppm) | Humidity (%) | Mass (µg/m³) | Particle size (µm) | Temperature (℃) | TWA (µg/m³) | Mass (Avg15) (µg/m³) | Latitude | Longitude |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 9/28/2016 15:40 | 12.61 | 76.36 | 0 | 0 | 0 | 0 | 0 | 0 | 27 | 3.8 | 0.511 | 32 | 8.5 | 5.69 | 42.8113 | -78.8528 |
| 9/28/2016 15:39 | 12.61 | 73.26 | 0 | 0 | 0 | 0 | 0 | 0 | 28 | 4.6 | 0.545 | 32 | 8.5 | 5.75 | 42.8113 | -78.8528 |
| 9/28/2016 15:38 | 12.57 | 106.2 | 0 | 0 | 0 | 0 | 0 | 0 | 28 | 7 | 1.02 | 32 | 8.5 | 5.75 | 42.8113 | -78.8528 |
| 9/28/2016 15:37 | 12.61 | 72.74 | 0 | 0 | 0 | 0 | 0 | 0 | 27 | 5.9 | 0.602 | 32 | 8.5 | 5.77 | 42.8113 | -78.8528 |
| 9/28/2016 15:36 | 12.61 | 73.51 | 0 | 0 | 0 | 0 | 0 | 0 | 28 | 4.2 | 1.225 | 32 | 8.6 | 5.68 | 42.8113 | -78.8528 |
| 9/28/2016 15:35 | 12.61 | 70.03 | 0 | 0 | 0 | 0 | 0 | 0 | 27 | 4 | 0.551 | 32 | 8.6 | 5.69 | 42.8113 | -78.8528 |
| 9/28/2016 15:34 | 12.59 | 87.21 | 0 | 0 | 0 | 0 | 0 | 0 | 27 | 4 | 0.64 | 32 | 8.6 | 5.66 | 42.8113 | -78.8528 |
| 9/28/2016 15:33 | 12.61 | 69.9 | 0 | 0 | 0 | 0 | 0 | 0 | 28 | 5.9 | 0.957 | 31.9 | 8.6 | 5.91 | 42.8113 | -78.8528 |
| 9/28/2016 15:32 | 12.61 | 67.31 | 0 | 0 | 0 | 0 | 0 | 0 | 28 | 3.6 | 0.779 | 32.1 | 8.6 | 5.86 | 42.8113 | -78.8528 |
| 9/28/2016 15:31 | 12.61 | 66.8 | 0 | 0 | 0 | 0 | 0 | 0 | 28 | 5.4 | 0.707 | 32 | 8.6 | 5.85 | 42.8113 | -78.8528 |
| 9/28/2016 15:30 | 12.61 | 68.6 | 0 | 0 | 0 | 0 | 0 | 0 | 27 | 5.8 | 1.203 | 32 | 8.6 | 5.68 | 42.8113 | -78.8528 |
| 9/28/2016 15:29 | 12.59 | 89.66 | 0 | 0 | 0 | 0 | 0 | 0 | 27 | 12.4 | 4 | 32 | 8.6 | 5.55 | 42.8113 | -78.8528 |
| 9/28/2016 15:28 | 12.61 | 70.28 | 0 | 0 | 0 | 0 | 0 | 0 | 28 | 3.9 | 0.492 | 32.1 | 8.6 | 4.97 | 42.8113 | -78.8528 |
| 9/28/2016 15:27 | 12.61 | 71.45 | 0 | 0 | 0 | 0 | 0 | 0 | 28 | 4.9 | 0.54 | 32 | 8.6 | 5.03 | 42.8113 | -78.8528 |
| 9/28/2016 15:26 | 12.61 | 71.58 | 0 | 0 | 0 | 0 | 0 | 0 | 28 | 9.9 | 1.282 | 32.1 | 8.6 | 6.93 | 42.8113 | -78.8528 |
| 9/28/2016 15:25 | 12.61 | 68.09 | 0 | 0 | 0 | 0 | 0 | 0 | 27 | 4.7 | 0.637 | 32.1 | 8.6 | 6.69 | 42.8113 | -78.8528 |
| 9/28/2016 15:24 | 12.61 | 67.83 | 0 | 0 | 0 | 0 | 0 | 0 | 28 | 4.6 | 0.773 | 32.1 | 8.6 | 6.93 | 42.8112 | -78.8528 |
| 9/28/2016 15:23 | 12.61 | 69.25 | 0 | 0 | 0 | 0 | 0 | 0 | 27 | 7.4 | 1.033 | 32 | 8.6 | 6.87 | 42.8112 | -78.8528 |
| 9/28/2016 15:22 | 12.6 | 83.08 | 0 | 0 | 0 | 0 | 0 | 0 | 27 | 4.5 | 0.502 | 32.1 | 8.7 | 6.75 | 42.8112 | -78.8528 |
| 9/28/2016 15:21 | 12.62 | 67.96 | 0 | 0 | 0 | 0 | 0 | 0 | 28 | 4.3 | 0.508 | 32.1 | 8.7 | 6.7 | 42.8112 | -78.8528 |
| 9/28/2016 15:20 | 12.63 | 69.12 | 0 | 0 | 0 | 0 | 0 | 0 | 28 | 3.6 | 0.471 | 32.1 | 8.7 | 6.8 | 42.8112 | -78.8528 |
| 9/28/2016 15:19 | 12.61 | 66.02 | 0 | 0 | 0 | 0 | 0 | 0 | 27 | 7.7 | 0.947 | 32.1 | 8.7 | 6.79 | 42.8113 | -78.8528 |
| 9/28/2016 15:18 | 12.62 | 68.35 | 0 | 0 | 0 | 0 | 0 | 0 | 27 | 5.2 | 0.575 | 32 | 8.7 | 6.61 | 42.8113 | -78.8528 |
| 9/28/2016 15:17 | 12.61 | 67.57 | 0 | 0 | 0 | 0 | 0 | 0 | 28 | 3.4 | 0.82 | 32.1 | 8.7 | 6.97 | 42.8113 | -78.8528 |
| 9/28/2016 15:16 | 12.59 | 90.44 | 0 | 0 | 0 | 0 | 0 | 0 | 28 | 2.9 | 0.471 | 32 | 8.7 | 7.28 | 42.8113 | -78.8528 |
| 9/28/2016 15:15 | 12.61 | 74.68 | 0 | 0 | 0 | 0 | 0 | 0 | 28 | 3.9 | 0.468 | 32 | 8.7 | 7.36 | 42.8113 | -78.8528 |
| 9/28/2016 15:14 | 12.61 | 70.41 | 0 | 0 | 0 | 0 | 0 | 0 | 28 | 3.7 | 0.55 | 32.1 | 8.7 | 7.38 | 42.8113 | -78.8528 |
| 9/28/2016 15:13 | 12.62 | 69.77 | 0 | 0 | 0 | 0 | 0 | 0 | 28 | 4.8 | 0.69 | 32 | 8.7 | 7.57 | 42.8113 | -78.8528 |
| 9/28/2016 15:12 | 12.63 | 74.03 | 0 | 0 | 0 | 0 | 0 | 0 | 29 | 33.3 | 4 | 32 | 8.7 | 8.01 | 42.8113 | -78.8528 |
| 9/28/2016 15:11 | 12.62 | 68.09 | 0 | 0 | 0 | 0 | 0 | 0 | 27 | 6.4 | 0.708 | 31.9 | 8.7 | 6.05 | 42.8113 | -78.8528 |
| 9/28/2016 15:10 | 12.62 | 67.31 | 0 | 0 | 0 | 0 | 0 | 0 | 28 | 8.3 | 1.342 | 32 | 8.7 | 5.89 | 42.8113 | -78.8528 |
| 9/28/2016 15:09 | 12.62 | 68.6 | 0 | 0 | 0 | 0 | 0 | 0 | 28 | 3.6 | 0.487 | 31.9 | 8.7 | 5.67 | 42.8113 | -78.8528 |
| 9/28/2016 15:08 | 12.61 | 69.51 | 0 | 0 | 0 | 0 | 0 | 0 | 28 | 5.6 | 0.88 | 31.9 | 8.7 | 5.79 | 42.8113 | -78.8528 |
| 9/28/2016 15:07 | 12.61 | 68.22 | 0 | 0 | 0 | 0 | 0 | 0 | 29 | 3.8 | 0.47 | 31.9 | 8.7 | 5.8 | 42.8113 | -78.8528 |
| 9/28/2016 15:06 | 12.62 | 66.41 | 0 | 0 | 0 | 0 | 0 | 0 | 27 | 5.8 | 0.922 | 31.8 | 8.7 | 5.81 | 42.8113 | -78.8528 |
| 9/28/2016 15:05 | 12.61 | 69.64 | 0 | 0 | 0 | 0 | 0 | 0 | 28 | 3.4 | 0.501 | 32 | 8.7 | 5.71 | 42.8113 | -78.8528 |
| 9/28/2016 15:04 | 12.62 | 68.09 | 0 | 0 | 0 | 0 | 0 | 0 | 29 | 5 | 0.685 | 31.8 | 8.7 | 5.77 | 42.8113 | -78.8528 |
| 9/28/2016 15:03 | 12.6 | 85.4 | 0 | 0 | 0 | 0 | 0 | 0 | 28 | 10.7 | 1.117 | 31.9 | 8.8 | 5.78 | 42.8113 | -78.8528 |
| 9/28/2016 15:02 | 12.62 | 73.77 | 0 | 0 | 0 | 0 | 0 | 0 | 29 | 8 | 4 | 31.9 | 8.8 | 5.43 | 42.8113 | -78.8528 |
| 9/28/2016 15:01 | 12.62 | 68.73 | 0 | 0 | 0 | 0 | 0 | 0 | 28 | 4.1 | 0.717 | 32 | 8.8 | 5.33 | 42.8113 | -78.8528 |
| 9/28/2016 15:00 | 12.63 | 67.57 | 0 | 0 | 0 | 0 | 0 | 0 | 28 | 4.2 | 0.912 | 31.8 | 8.8 | 5.32 | 42.8113 | -78.8528 |
| 9/28/2016 14:59 | 12.6 | 81.65 | 0 | 0 | 0 | 0 | 0 | 0 | 28 | 6.5 | 1.06 | 31.9 | 8.8 | 5.31 | 42.8113 | -78.8528 |
| 9/28/2016 14:58 | 12.62 | 66.02 | 0 | 0 | 0 | 0 | 0 | 0 | 28 | 11.4 | 4 | 31.9 | 8.8 | 5.23 | 42.8113 | -78.8528 |
| 9/28/2016 14:57 | 12.62 | 67.31 | 0 | 0 | 0 | 0 | 0 | 0 | 29 | 3.9 | 0.533 | 31.9 | 8.8 | 4.93 | 42.8113 | -78.8528 |
| 9/28/2016 14:56 | 12.61 | 72.22 | 0 | 0 | 0 | 0 | 0 | 0 | 28 | 4.1 | 0.611 | 31.8 | 8.8 | 10.91 | 42.8113 | -78.8528 |
| 9/28/2016 14:55 | 12.61 | 72.35 | 0 | 0 | 0 | 0 | 0 | 0 | 28 | 4.9 | 0.855 | 31.8 | 8.8 | 10.86 | 42.8113 | -78.8528 |

| Timestamp (GMT-4) | Batt. Voltage (V) | Current (mA) | Low (ppm) | Peak (ppm) | STEL (ppm) | TWA (ppm) | VOC (ppm) | VOC (Avg15) (ppm) | Humidity (%) | Mass (µg/m³) | Particle size (µm) | Temperature (°C) | TWA (µg/m³) | Mass (Avg15) (µg/m³) | Latitude | Longitude |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 9/28/2016 14:54 | 12.62 | 67.7 | 0 | 0 | 0 | 0 | 0 | 0 | 28 | 5.5 | 0.55 | 31.7 | 8.8 | 11.04 | 42.8113 | -78.8528 |
| 9/28/2016 14:53 | 12.62 | 70.93 | 0 | 0 | 0 | 0 | 0 | 0 | 28 | 5.7 | 0.867 | 31.8 | 8.8 | 11.03 | 42.8113 | -78.8528 |
| 9/28/2016 14:52 | 12.61 | 68.99 | 0 | 0 | 0 | 0 | 0 | 0 | 29 | 4 | 0.642 | 31.7 | 8.8 | 11.05 | 42.8113 | -78.8528 |
| 9/28/2016 14:51 | 12.61 | 82.04 | 0 | 0 | 0 | 0 | 0 | 0 | 28 | 4.2 | 0.648 | 31.8 | 8.8 | 11.11 | 42.8113 | -78.8528 |
| 9/28/2016 14:50 | 12.6 | 83.08 | 0 | 0 | 0 | 0 | 0 | 0 | 28 | 4.4 | 0.608 | 31.8 | 8.8 | 11.24 | 42.8113 | -78.8528 |
| 9/28/2016 14:49 | 12.61 | 77.26 | 0 | 0 | 0 | 0 | 0 | 0 | 28 | 5.1 | 1.068 | 31.8 | 8.9 | 12.89 | 42.8113 | -78.8528 |
| 9/28/2016 14:48 | 12.62 | 68.09 | 0 | 0 | 0 | 0 | 0 | 0 | 28 | 5.5 | 0.783 | 31.7 | 8.9 | 13.01 | 42.8113 | -78.8528 |
| 9/28/2016 14:47 | 12.61 | 74.42 | 0 | 0 | 0 | 0 | 0 | 0 | 28 | 6.4 | 1.344 | 31.7 | 8.9 | 12.94 | 42.8113 | -78.8528 |
| 9/28/2016 14:46 | 12.62 | 70.67 | 0 | 0 | 0 | 0 | 0 | 0 | 28 | 4 | 0.708 | 31.7 | 8.9 | 12.86 | 42.8113 | -78.8528 |
| 9/28/2016 14:45 | 12.62 | 71.83 | 0 | 0 | 0 | 0 | 0 | 0 | 28 | 4.1 | 0.752 | 31.7 | 8.9 | 13.66 | 42.8113 | -78.8528 |
| 9/28/2016 14:44 | 12.61 | 70.28 | 0 | 0 | 0 | 0 | 0 | 0 | 28 | 5.3 | 1.044 | 31.7 | 8.9 | 13.83 | 42.8113 | -78.8528 |
| 9/28/2016 14:43 | 12.62 | 68.86 | 0 | 0 | 0 | 0 | 0 | 0 | 28 | 6.8 | 1.974 | 31.6 | 8.9 | 13.77 | 42.8113 | -78.8528 |
| 9/28/2016 14:42 | 12.61 | 71.71 | 0 | 0 | 0 | 0 | 0 | 0 | 29 | 93.6 | 4 | 31.6 | 8.8 | 13.91 | 42.8113 | -78.8528 |
| 9/28/2016 14:41 | 12.62 | 68.48 | 0 | 0 | 0 | 0 | 0 | 0 | 28 | 3.4 | 0.471 | 31.7 | 8.8 | 8.08 | 42.8113 | -78.8528 |
| 9/28/2016 14:40 | 12.62 | 74.03 | 0 | 0 | 0 | 0 | 0 | 0 | 28 | 7.6 | 0.966 | 31.6 | 8.8 | 8.12 | 42.8113 | -78.8528 |
| 9/28/2016 14:39 | 12.61 | 68.99 | 0 | 0 | 0 | 0 | 0 | 0 | 28 | 5.4 | 0.679 | 31.6 | 8.8 | 7.95 | 42.8113 | -78.8528 |
| 9/28/2016 14:38 | 12.62 | 70.03 | 0 | 0 | 0 | 0 | 0 | 0 | 29 | 6 | 0.625 | 31.7 | 8.8 | 7.83 | 42.8113 | -78.8528 |
| 9/28/2016 14:37 | 12.61 | 82.56 | 0 | 0 | 0 | 0 | 0 | 0 | 28 | 4.9 | 0.576 | 31.7 | 8.8 | 7.71 | 42.8113 | -78.8528 |
| 9/28/2016 14:36 | 12.61 | 71.19 | 0 | 0 | 0 | 0 | 0 | 0 | 29 | 6.1 | 0.914 | 31.5 | 8.9 | 8.09 | 42.8113 | -78.8528 |
| 9/28/2016 14:35 | 12.62 | 63.82 | 0 | 0 | 0 | 0 | 0 | 0 | 28 | 29.2 | 4 | 31.6 | 8.9 | 9.13 | 42.8113 | -78.8528 |
| 9/28/2016 14:34 | 12.61 | 67.18 | 0 | 0 | 0 | 0 | 0 | 0 | 28 | 6.9 | 2.558 | 31.6 | 8.8 | 7.63 | 42.8113 | -78.8528 |
| 9/28/2016 14:33 | 12.61 | 77.13 | 0 | 0 | 0 | 0 | 0 | 0 | 28 | 4.4 | 0.68 | 31.6 | 8.8 | 7.91 | 42.8113 | -78.8528 |
| 9/28/2016 14:32 | 12.62 | 66.67 | 0 | 0 | 0 | 0 | 0 | 0 | 29 | 5.2 | 0.603 | 31.5 | 8.9 | 8.14 | 42.8113 | -78.8528 |
| 9/28/2016 14:31 | 12.61 | 67.96 | 0 | 0 | 0 | 0 | 0 | 0 | 29 | 16 | 3.768 | 31.5 | 8.9 | 8.26 | 42.8113 | -78.8528 |
| 9/28/2016 14:30 | 12.61 | 69.25 | 0 | 0 | 0 | 0 | 0 | 0 | 29 | 6.7 | 0.795 | 31.5 | 8.9 | 7.53 | 42.8113 | -78.8528 |
| 9/28/2016 14:29 | 12.61 | 67.44 | 0 | 0 | 0 | 0 | 0 | 0 | 30 | 4.4 | 0.559 | 31.5 | 8.9 | 7.41 | 42.8113 | -78.8528 |
| 9/28/2016 14:28 | 12.62 | 65.63 | 0 | 0 | 0 | 0 | 0 | 0 | 29 | 8.8 | 4 | 31.5 | 8.9 | 7.91 | 42.8113 | -78.8528 |
| 9/28/2016 14:27 | 12.6 | 81.91 | 0 | 0 | 0 | 0 | 0 | 0 | 29 | 6.2 | 1.11 | 31.4 | 8.9 | 7.72 | 42.8113 | -78.8528 |
| 9/28/2016 14:26 | 12.63 | 68.48 | 0 | 0 | 0 | 0 | 0 | 0 | 29 | 4 | 0.47 | 31.3 | 8.9 | 7.78 | 42.8113 | -78.8528 |
| 9/28/2016 14:25 | 12.61 | 73.26 | 0 | 0 | 0 | 0 | 0 | 0 | 30 | 5 | 0.691 | 31.3 | 8.9 | 7.83 | 42.8113 | -78.8528 |
| 9/28/2016 14:24 | 12.62 | 67.31 | 0 | 0 | 0 | 0 | 0 | 0 | 29 | 3.7 | 0.46 | 31.3 | 8.9 | 7.87 | 42.8113 | -78.8528 |
| 9/28/2016 14:23 | 12.62 | 66.15 | 0 | 0 | 0 | 0 | 0 | 0 | 30 | 4.2 | 0.702 | 31.3 | 8.9 | 8.09 | 42.8113 | -78.8528 |
| 9/28/2016 14:22 | 12.63 | 66.54 | 0 | 0 | 0 | 0 | 0 | 0 | 30 | 10.5 | 4 | 31.3 | 8.9 | 8.05 | 42.8113 | -78.8528 |
| 9/28/2016 14:21 | 12.62 | 70.16 | 0 | 0 | 0 | 0 | 0 | 0 | 30 | 21.8 | 4 | 31.3 | 8.9 | 7.69 | 42.8113 | -78.8528 |
| 9/28/2016 14:20 | 12.61 | 82.56 | 0 | 0 | 0 | 0 | 0 | 0 | 30 | 6.6 | 0.535 | 31.3 | 8.9 | 6.83 | 42.8113 | -78.8528 |
| 9/28/2016 14:19 | 12.61 | 70.67 | 0 | 0 | 0 | 0 | 0 | 0 | 30 | 11.1 | 4 | 31.3 | 8.9 | 6.78 | 42.8113 | -78.8528 |
| 9/28/2016 14:18 | 12.62 | 70.16 | 0 | 0 | 0 | 0 | 0 | 0 | 30 | 7.9 | 1.084 | 31.2 | 8.9 | 6.43 | 42.8113 | -78.8528 |
| 9/28/2016 14:17 | 12.61 | 73.9 | 0 | 0 | 0 | 0 | 0 | 0 | 30 | 7 | 0.972 | 31.2 | 8.9 | 6.12 | 42.8113 | -78.8529 |
| 9/28/2016 14:16 | 12.59 | 96.51 | 0 | 0 | 0 | 0 | 0 | 0 | 30 | 5 | 1.411 | 31.2 | 8.9 | 5.89 | 42.8113 | -78.8528 |
| 9/28/2016 14:15 | 12.61 | 67.7 | 0 | 0 | 0 | 0 | 0 | 0 | 30 | 4.9 | 0.522 | 31.2 | 8.9 | 5.89 | 42.8113 | -78.8528 |
| 9/28/2016 14:14 | 12.63 | 66.67 | 0 | 0 | 0 | 0 | 0 | 0 | 30 | 12 | 4 | 31.2 | 8.9 | 5.89 | 42.8113 | -78.8528 |
| 9/28/2016 14:13 | 12.62 | 67.44 | 0 | 0 | 0 | 0 | 0 | 0 | 30 | 5.9 | 1.092 | 31.2 | 8.9 | 5.48 | 42.8113 | -78.8528 |
| 9/28/2016 14:12 | 12.6 | 83.08 | 0 | 0 | 0 | 0 | 0 | 0 | 30 | 7.1 | 0.54 | 31.2 | 8.9 | 5.69 | 42.8112 | -78.8528 |
| 9/28/2016 14:11 | 12.62 | 67.96 | 0 | 0 | 0 | 0 | 0 | 0 | 30 | 4.8 | 0.68 | 31.1 | 8.9 | 5.88 | 42.8113 | -78.8528 |
| 9/28/2016 14:10 | 12.61 | 72.87 | 0 | 0 | 0 | 0 | 0 | 0 | 31 | 5.6 | 0.78 | 31.1 | 8.9 | 6.61 | 42.8113 | -78.8528 |
| 9/28/2016 14:09 | 12.61 | 72.22 | 0 | 0 | 0 | 0 | 0 | 0 | 30 | 7 | 0.786 | 31 | 9 | 6.87 | 42.8113 | -78.8528 |

| Timestamp (GMT-4) | Batt. Voltage (V) | Current (mA) | Low (ppm) | Peak (ppm) | STEL (ppm) | TWA (ppm) | VOC (ppm) | VOC (Avg15) (ppm) | Humidity (%) | Mass (µg/m³) | Particle size (µm) | Temperature (℃) | TWA (µg/m³) | Mass (Avg15) (µg/m³) | Latitude | Longitude |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 9/28/2016 14:08 | 12.62 | 67.05 | 0 | 0 | 0 | 0 | 0 | 0 | 30 | 3.5 | 0.896 | 31.1 | 9 | 6.91 | 42.8113 | -78.8528 |
| 9/28/2016 14:07 | 12.61 | 69.38 | 0 | 0 | 0 | 0 | 0 | 0 | 31 | 5.1 | 0.666 | 31.1 | 9 | 7.42 | 42.8113 | -78.8528 |
| 9/28/2016 14:06 | 12.62 | 69.9 | 0 | 0 | 0 | 0 | 0 | 0 | 30 | 7.1 | 0.849 | 31 | 9 | 8.19 | 42.8113 | -78.8528 |
| 9/28/2016 14:05 | 12.62 | 68.86 | 0 | 0 | 0 | 0 | 0 | 0 | 30 | 5.9 | 0.549 | 31 | 9 | 8.01 | 42.8113 | -78.8528 |
| 9/28/2016 14:04 | 12.61 | 69.51 | 0 | 0 | 0 | 0 | 0 | 0 | 31 | 6.2 | 1.168 | 31 | 9 | 8.51 | 42.8113 | -78.8528 |
| 9/28/2016 14:03 | 12.62 | 68.09 | 0 | 0 | 0 | 0 | 0 | 0 | 30 | 3.6 | 0.508 | 31 | 9 | 8.7 | 42.8113 | -78.8528 |
| 9/28/2016 14:02 | 12.61 | 71.71 | 0 | 0 | 0 | 0 | 0 | 0 | 31 | 4.6 | 0.52 | 31 | 9 | 9.21 | 42.8113 | -78.8528 |
| 9/28/2016 14:01 | 12.61 | 70.93 | 0 | 0 | 0 | 0 | 0 | 0 | 30 | 5.1 | 0.804 | 30.9 | 9 | 9.54 | 42.8113 | -78.8528 |
| 9/28/2016 14:00 | 12.61 | 67.96 | 0 | 0 | 0 | 0 | 0 | 0 | 31 | 4.9 | 0.727 | 30.9 | 9 | 9.85 | 42.8113 | -78.8528 |
| 9/28/2016 13:59 | 12.62 | 66.54 | 0 | 0 | 0 | 0 | 0 | 0 | 30 | 5.8 | 0.764 | 31 | 9 | 9.81 | 42.8113 | -78.8528 |
| 9/28/2016 13:58 | 12.59 | 83.98 | 0 | 0 | 0 | 0 | 0 | 0 | 30 | 9 | 4 | 30.9 | 9 | 9.83 | 42.8113 | -78.8528 |
| 9/28/2016 13:57 | 12.61 | 69.25 | 0 | 0 | 0 | 0 | 0 | 0 | 30 | 10 | 2.732 | 30.9 | 9 | 9.61 | 42.8113 | -78.8528 |
| 9/28/2016 13:56 | 12.63 | 67.31 | 0 | 0 | 0 | 0 | 0 | 0 | 30 | 15.8 | 4 | 30.8 | 9 | 9.4 | 42.8113 | -78.8528 |
| 9/28/2016 13:55 | 12.61 | 69.77 | 0 | 0 | 0 | 0 | 0 | 0 | 30 | 9.4 | 4 | 30.9 | 9 | 8.64 | 42.8113 | -78.8528 |
| 9/28/2016 13:54 | 12.61 | 68.73 | 0 | 0 | 0 | 0 | 0 | 0 | 31 | 7.7 | 4 | 30.8 | 9 | 8.56 | 42.8113 | -78.8528 |
| 9/28/2016 13:53 | 12.63 | 66.02 | 0 | 0 | 0 | 0 | 0 | 0 | 32 | 11.1 | 4 | 30.9 | 9 | 11.93 | 42.8113 | -78.8528 |
| 9/28/2016 13:52 | 12.61 | 69.64 | 0 | 0 | 0 | 0 | 0 | 0 | 31 | 16.6 | 4 | 30.7 | 9 | 12.13 | 42.8113 | -78.8528 |
| 9/28/2016 13:51 | 12.6 | 87.34 | 0 | 0 | 0 | 0 | 0 | 0 | 31 | 4.4 | 0.554 | 30.8 | 9 | 11.58 | 42.8112 | -78.8528 |
| 9/28/2016 13:50 | 12.62 | 67.31 | 0 | 0 | 0 | 0 | 0 | 0 | 31 | 13.5 | 4 | 30.7 | 9 | 11.97 | 42.8113 | -78.8528 |
| 9/28/2016 13:49 | 12.61 | 69.77 | 0 | 0 | 0 | 0 | 0 | 0 | 31 | 9 | 4 | 30.8 | 9 | 11.6 | 42.8113 | -78.8528 |
| 9/28/2016 13:48 | 12.61 | 70.03 | 0 | 0 | 0 | 0 | 0 | 0 | 31 | 11.3 | 4 | 30.8 | 9 | 11.79 | 42.8113 | -78.8528 |
| 9/28/2016 13:47 | 12.61 | 74.68 | 0 | 0 | 0 | 0 | 0 | 0 | 31 | 9.5 | 4 | 30.7 | 9 | 11.59 | 42.8113 | -78.8528 |
| 9/28/2016 13:46 | 12.62 | 69.77 | 0 | 0 | 0 | 0 | 0 | 0 | 30 | 9.7 | 1.461 | 30.6 | 8.9 | 11.34 | 42.8113 | -78.8528 |
| 9/28/2016 13:45 | 12.61 | 77.52 | 0 | 0 | 0 | 0 | 0 | 0 | 30 | 4.4 | 0.651 | 30.7 | 9 | 11.09 | 42.8113 | -78.8528 |
| 9/28/2016 13:44 | 12.63 | 67.7 | 0 | 0 | 0 | 0 | 0 | 0 | 30 | 6.1 | 0.695 | 30.7 | 9 | 12.31 | 42.8113 | -78.8528 |
| 9/28/2016 13:43 | 12.61 | 82.95 | 0 | 0 | 0 | 0 | 0 | 0 | 30 | 5.6 | 0.657 | 30.6 | 9 | 12.25 | 42.8113 | -78.8528 |
| 9/28/2016 13:42 | 12.62 | 72.74 | 0 | 0 | 0 | 0 | 0 | 0 | 31 | 6.9 | 1.062 | 30.6 | 9 | 12.27 | 42.8113 | -78.8528 |
| 9/28/2016 13:41 | 12.61 | 69.38 | 0 | 0 | 0 | 0 | 0 | 0 | 31 | 4.4 | 0.618 | 30.6 | 9 | 12.25 | 42.8113 | -78.8528 |
| 9/28/2016 13:40 | 12.61 | 67.7 | 0 | 0 | 0 | 0 | 0 | 0 | 32 | 8.2 | 4 | 30.6 | 9 | 12.45 | 42.8113 | -78.8528 |
| 9/28/2016 13:39 | 12.62 | 66.93 | 0 | 0 | 0 | 0 | 0 | 0 | 30 | 58.3 | 4 | 30.6 | 8.9 | 12.18 | 42.8113 | -78.8528 |
| 9/28/2016 13:38 | 12.57 | 103.36 | 0 | 0 | 0 | 0 | 0 | 0 | 31 | 14.1 | 4 | 30.5 | 8.9 | 8.87 | 42.8113 | -78.8528 |
| 9/28/2016 13:37 | 12.62 | 71.83 | 0 | 0 | 0 | 0 | 0 | 0 | 31 | 8.3 | 4 | 30.6 | 8.8 | 8.73 | 42.8113 | -78.8528 |
| 9/28/2016 13:36 | 12.62 | 69.12 | 0 | 0 | 0 | 0 | 0 | 0 | 31 | 10.2 | 1.259 | 30.5 | 8.8 | 9.05 | 42.8113 | -78.8528 |
| 9/28/2016 13:35 | 12.61 | 67.44 | 0 | 0 | 0 | 0 | 0 | 0 | 31 | 8 | 4 | 30.5 | 8.8 | 8.69 | 42.8113 | -78.8528 |
| 9/28/2016 13:34 | 12.61 | 66.54 | 0 | 0 | 0 | 0 | 0 | 0 | 30 | 11.9 | 4 | 30.5 | 8.8 | 8.49 | 42.8113 | -78.8528 |
| 9/28/2016 13:33 | 12.61 | 70.54 | 0 | 0 | 0 | 0 | 0 | 0 | 32 | 8.3 | 3.246 | 30.5 | 8.8 | 8.02 | 42.8113 | -78.8528 |
| 9/28/2016 13:32 | 12.61 | 69.77 | 0 | 0 | 0 | 0 | 0 | 0 | 31 | 5.7 | 0.555 | 30.4 | 8.8 | 7.78 | 42.8113 | -78.8528 |
| 9/28/2016 13:31 | 12.61 | 69.64 | 0 | 0 | 0 | 0 | 0 | 0 | 32 | 5.9 | 1.089 | 30.5 | 8.8 | 7.64 | 42.8113 | -78.8528 |
| 9/28/2016 13:30 | 12.59 | 84.5 | 0 | 0 | 0 | 0 | 0 | 0 | 32 | 22.8 | 4 | 30.4 | 8.8 | 7.51 | 42.8113 | -78.8528 |
| 9/28/2016 13:29 | 12.61 | 69.77 | 0 | 0 | 0 | 0 | 0 | 0 | 32 | 5.1 | 0.607 | 30.4 | 8.8 | 6.23 | 42.8113 | -78.8528 |
| 9/28/2016 13:28 | 12.61 | 69.9 | 0 | 0 | 0 | 0 | 0 | 0 | 31 | 5.9 | 0.563 | 30.4 | 8.8 | 6.36 | 42.8113 | -78.8528 |
| 9/28/2016 13:27 | 12.61 | 71.19 | 0 | 0 | 0 | 0 | 0 | 0 | 31 | 6.6 | 0.939 | 30.3 | 8.9 | 7.3 | 42.8113 | -78.8528 |
| 9/28/2016 13:26 | 12.59 | 85.27 | 0 | 0 | 0 | 0 | 0 | 0 | 32 | 7.5 | 0.916 | 30.3 | 8.9 | 7.23 | 42.8113 | -78.8528 |
| 9/28/2016 13:25 | 12.61 | 69.12 | 0 | 0 | 0 | 0 | 0 | 0 | 32 | 4.1 | 0.861 | 30.3 | 8.9 | 6.96 | 42.8113 | -78.8528 |
| 9/28/2016 13:24 | 12.62 | 68.35 | 0 | 0 | 0 | 0 | 0 | 0 | 31 | 8.6 | 1.932 | 30.3 | 8.9 | 6.99 | 42.8113 | -78.8528 |
| 9/28/2016 13:23 | 12.61 | 72.61 | 0 | 0 | 0 | 0 | 0 | 0 | 31 | 12.1 | 4 | 30.3 | 8.9 | 6.72 | 42.8113 | -78.8528 |

| Timestamp (GMT-4) | Batt. Voltage (V) | Current (mA) | Low (ppm) | Peak (ppm) | STEL (ppm) | TWA (ppm) | VOC (ppm) | VOC (Avg15) (ppm) | Humidity (%) | Mass (µg/m³) | Particle size (µm) | Temperature (°C) | TWA (µg/m³) | Mass (Avg15) (µg/m³) | Latitude | Longitude |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 9/28/2016 13:22 | 12.59 | 89.54 | 0 | 0 | 0 | 0 | 0 | 0 | 31 | 13 | 4 | 30.3 | 8.9 | 6.61 | 42.8113 | -78.8528 |
| 9/28/2016 13:21 | 12.61 | 76.74 | 0 | 0 | 0 | 0 | 0 | 0 | 31 | 4.9 | 0.845 | 30.3 | 8.9 | 6.01 | 42.8113 | -78.8528 |
| 9/28/2016 13:20 | 12.61 | 65.76 | 0 | 0 | 0 | 0 | 0 | 0 | 32 | 5 | 0.859 | 30.2 | 8.9 | 6.06 | 42.8113 | -78.8528 |
| 9/28/2016 13:19 | 12.61 | 67.57 | 0 | 0 | 0 | 0 | 0 | 0 | 32 | 4.8 | 1.451 | 30.2 | 8.9 | 6.39 | 42.8113 | -78.8528 |
| 9/28/2016 13:18 | 12.62 | 67.18 | 0 | 0 | 0 | 0 | 0 | 0 | 32 | 4.7 | 0.609 | 30.2 | 8.9 | 6.44 | 42.8113 | -78.8528 |
| 9/28/2016 13:17 | 12.59 | 83.85 | 0 | 0 | 0 | 0 | 0 | 0 | 31 | 3.6 | 0.499 | 30.2 | 8.9 | 6.41 | 42.8112 | -78.8528 |
| 9/28/2016 13:16 | 12.61 | 73.39 | 0 | 0 | 0 | 0 | 0 | 0 | 31 | 3.9 | 0.704 | 30.1 | 8.9 | 6.43 | 42.8112 | -78.8528 |
| 9/28/2016 13:15 | 12.59 | 84.63 | 0 | 0 | 0 | 0 | 0 | 0 | 31 | 3.7 | 0.78 | 30.2 | 8.9 | 6.53 | 42.8112 | -78.8528 |
| 9/28/2016 13:14 | 12.61 | 71.83 | 0 | 0 | 0 | 0 | 0 | 0 | 31 | 7 | 1.626 | 30.3 | 8.9 | 6.64 | 42.8112 | -78.8528 |
| 9/28/2016 13:13 | 12.6 | 74.29 | 0 | 0 | 0 | 0 | 0 | 0 | 31 | 20 | 4 | 30.2 | 8.9 | 6.53 | 42.8113 | -78.8528 |
| 9/28/2016 13:12 | 12.61 | 64.21 | 0 | 0 | 0 | 0 | 0 | 0 | 31 | 5.5 | 0.981 | 30.2 | 8.9 | 5.61 | 42.8113 | -78.8528 |
| 9/28/2016 13:11 | 12.61 | 69.9 | 0 | 0 | 0 | 0 | 0 | 0 | 30 | 3.5 | 0.623 | 30.3 | 8.9 | 5.47 | 42.8113 | -78.8528 |
| 9/28/2016 13:10 | 12.62 | 66.41 | 0 | 0 | 0 | 0 | 0 | 0 | 31 | 4.6 | 0.648 | 30.1 | 8.9 | 5.85 | 42.8113 | -78.8528 |
| 9/28/2016 13:09 | 12.59 | 85.27 | 0 | 0 | 0 | 0 | 0 | 0 | 31 | 4.5 | 0.63 | 30.2 | 8.9 | 5.91 | 42.8113 | -78.8528 |
| 9/28/2016 13:08 | 12.61 | 72.48 | 0 | 0 | 0 | 0 | 0 | 0 | 31 | 10.4 | 3.565 | 30.2 | 8.9 | 5.93 | 42.8113 | -78.8528 |
| 9/28/2016 13:07 | 12.6 | 76.62 | 0 | 0 | 0 | 0 | 0 | 0 | 31 | 4.1 | 0.623 | 30.2 | 8.9 | 5.47 | 42.8112 | -78.8528 |
| 9/28/2016 13:06 | 12.61 | 70.54 | 0 | 0 | 0 | 0 | 0 | 0 | 31 | 5.6 | 0.646 | 30.2 | 9 | 5.46 | 42.8113 | -78.8528 |
| 9/28/2016 13:05 | 12.61 | 71.58 | 0 | 0 | 0 | 0 | 0 | 0 | 31 | 9.9 | 4 | 30.3 | 9 | 5.35 | 42.8113 | -78.8528 |
| 9/28/2016 13:04 | 12.61 | 69.38 | 0 | 0 | 0 | 0 | 0 | 0 | 30 | 5.6 | 0.884 | 30.2 | 9 | 5.11 | 42.8113 | -78.8528 |
| 9/28/2016 13:03 | 12.61 | 67.44 | 0 | 0 | 0 | 0 | 0 | 0 | 31 | 4.3 | 0.979 | 30.3 | 9 | 4.96 | 42.8113 | -78.8528 |
| 9/28/2016 13:02 | 12.61 | 75.19 | 0 | 0 | 0 | 0 | 0 | 0 | 31 | 3.8 | 0.52 | 30.3 | 9 | 5.01 | 42.8113 | -78.8528 |
| 9/28/2016 13:01 | 12.61 | 67.18 | 0 | 0 | 0 | 0 | 0 | 0 | 30 | 5.4 | 0.626 | 30.3 | 9 | 5.24 | 42.8113 | -78.8528 |
| 9/28/2016 13:00 | 12.61 | 69.25 | 0 | 0 | 0 | 0 | 0 | 0 | 31 | 5.4 | 0.891 | 30.3 | 9 | 5.25 | 42.8113 | -78.8528 |
| 9/28/2016 12:59 | 12.61 | 70.8 | 0 | 0 | 0 | 0 | 0 | 0 | 30 | 5.4 | 0.96 | 30.3 | 9 | 5.15 | 42.8112 | -78.8528 |
| 9/28/2016 12:58 | 12.61 | 70.28 | 0 | 0 | 0 | 0 | 0 | 0 | 31 | 6.1 | 0.734 | 30.3 | 9 | 4.97 | 42.8113 | -78.8528 |
| 9/28/2016 12:57 | 12.61 | 66.93 | 0 | 0 | 0 | 0 | 0 | 0 | 31 | 3.5 | 0.823 | 30.3 | 9 | 4.78 | 42.8113 | -78.8528 |
| 9/28/2016 12:56 | 12.62 | 67.05 | 0 | 0 | 0 | 0 | 0 | 0 | 30 | 9.2 | 3.039 | 30.2 | 9 | 4.83 | 42.8113 | -78.8528 |
| 9/28/2016 12:55 | 12.62 | 70.54 | 0 | 0 | 0 | 0 | 0 | 0 | 30 | 5.4 | 0.686 | 30.3 | 9.1 | 4.62 | 42.8113 | -78.8528 |
| 9/28/2016 12:54 | 12.61 | 69.38 | 0 | 0 | 0 | 0 | 0 | 0 | 31 | 4.8 | 0.77 | 30.3 | 9.1 | 4.62 | 42.8113 | -78.8528 |
| 9/28/2016 12:53 | 12.61 | 68.6 | 0 | 0 | 0 | 0 | 0 | 0 | 30 | 3.6 | 0.574 | 30.3 | 9.1 | 4.67 | 42.8112 | -78.8528 |
| 9/28/2016 12:52 | 12.62 | 66.8 | 0 | 0 | 0 | 0 | 0 | 0 | 31 | 3.9 | 0.573 | 30.2 | 9.1 | 5.01 | 42.8112 | -78.8528 |
| 9/28/2016 12:51 | 12.61 | 71.32 | 0 | 0 | 0 | 0 | 0 | 0 | 31 | 3.9 | 1.068 | 30.3 | 9.1 | 5.13 | 42.8113 | -78.8528 |
| 9/28/2016 12:50 | 12.62 | 70.93 | 0 | 0 | 0 | 0 | 0 | 0 | 31 | 6.3 | 0.95 | 30.2 | 9.1 | 5.53 | 42.8113 | -78.8528 |
| 9/28/2016 12:49 | 12.62 | 74.29 | 0 | 0 | 0 | 0 | 0 | 0 | 31 | 3.4 | 0.787 | 30.2 | 9.1 | 5.74 | 42.8113 | -78.8528 |
| 9/28/2016 12:48 | 12.6 | 83.72 | 0 | 0 | 0 | 0 | 0 | 0 | 31 | 5.1 | 0.544 | 30.3 | 9.1 | 6.07 | 42.8113 | -78.8528 |
| 9/28/2016 12:47 | 12.62 | 69.77 | 0 | 0 | 0 | 0 | 0 | 0 | 31 | 7.2 | 0.683 | 30.2 | 9.2 | 6.13 | 42.8113 | -78.8528 |
| 9/28/2016 12:46 | 12.62 | 65.89 | 0 | 0 | 0 | 0 | 0 | 0 | 31 | 5.6 | 0.528 | 30.2 | 9.2 | 5.97 | 42.8113 | -78.8528 |
| 9/28/2016 12:45 | 12.61 | 72.74 | 0 | 0 | 0 | 0 | 0 | 0 | 31 | 3.8 | 0.563 | 30.1 | 9.2 | 5.91 | 42.8113 | -78.8528 |
| 9/28/2016 12:44 | 12.61 | 66.28 | 0 | 0 | 0 | 0 | 0 | 0 | 31 | 2.7 | 0.577 | 30.2 | 9.2 | 6.14 | 42.8113 | -78.8528 |
| 9/28/2016 12:43 | 12.61 | 74.29 | 0 | 0 | 0 | 0 | 0 | 0 | 30 | 3.3 | 0.493 | 30.2 | 9.2 | 6.62 | 42.8113 | -78.8528 |
| 9/28/2016 12:42 | 12.62 | 70.03 | 0 | 0 | 0 | 0 | 0 | 0 | 30 | 4.3 | 1.016 | 30.2 | 9.2 | 7.45 | 42.8113 | -78.8528 |
| 9/28/2016 12:41 | 12.62 | 66.54 | 0 | 0 | 0 | 0 | 0 | 0 | 30 | 6 | 0.784 | 30.2 | 9.2 | 7.43 | 42.8113 | -78.8528 |
| 9/28/2016 12:40 | 12.61 | 71.45 | 0 | 0 | 0 | 0 | 0 | 0 | 30 | 5.4 | 4 | 30.1 | 9.3 | 7.35 | 42.8113 | -78.8528 |
| 9/28/2016 12:39 | 12.61 | 71.19 | 0 | 0 | 0 | 0 | 0 | 0 | 30 | 5.5 | 0.632 | 30.2 | 9.3 | 7.26 | 42.8113 | -78.8528 |
| 9/28/2016 12:38 | 12.61 | 81.27 | 0 | 0 | 0 | 0 | 0 | 0 | 31 | 8.7 | 0.804 | 30.2 | 9.3 | 7.39 | 42.8113 | -78.8528 |
| 9/28/2016 12:37 | 12.6 | 82.43 | 0 | 0 | 0 | 0 | 0 | 0 | 30 | 5.7 | 0.898 | 30.1 | 9.3 | 7.28 | 42.8112 | -78.8528 |

| Timestamp (GMT-4) | Batt. Voltage (V) | Current (mA) | Low (ppm) | Peak (ppm) | STEL (ppm) | TWA (ppm) | VOC (ppm) | VOC (Avg15) (ppm) | Humidity (%) | Mass (µg/m³) | Particle size (µm) | Temperature (°C) | TWA (µg/m³) | Mass (Avg15) (µg/m³) | Latitude | Longitude |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 9/28/2016 12:36 | 12.61 | 68.86 | 0 | 0 | 0 | 0 | 0 | 0 | 30 | 9.9 | 3.622 | 30.1 | 9.3 | 8.23 | 42.8113 | -78.8528 |
| 9/28/2016 12:35 | 12.61 | 70.16 | 0 | 0 | 0 | 0 | 0 | 0 | 31 | 9.5 | 2.298 | 30.1 | 9.3 | 7.78 | 42.8113 | -78.8528 |
| 9/28/2016 12:34 | 12.63 | 65.25 | 0 | 0 | 0 | 0 | 0 | 0 | 31 | 8.3 | 0.795 | 30 | 9.3 | 7.45 | 42.8113 | -78.8528 |
| 9/28/2016 12:33 | 12.62 | 66.02 | 0 | 0 | 0 | 0 | 0 | 0 | 31 | 6.1 | 1.328 | 30 | 9.3 | 7.17 | 42.8113 | -78.8528 |
| 9/28/2016 12:32 | 12.63 | 70.16 | 0 | 0 | 0 | 0 | 0 | 0 | 30 | 4.7 | 0.789 | 29.8 | 9.3 | 7 | 42.8113 | -78.8528 |
| 9/28/2016 12:31 | 12.63 | 67.83 | 0 | 0 | 0 | 0 | 0 | 0 | 30 | 4.8 | 1.813 | 29.9 | 9.3 | 7.01 | 42.8113 | -78.8528 |
| 9/28/2016 12:30 | 12.64 | 65.76 | 0 | 0 | 0 | 0 | 0 | 0 | 31 | 7.2 | 1.746 | 29.9 | 9.4 | 7.18 | 42.8113 | -78.8528 |
| 9/28/2016 12:29 | 12.65 | 68.99 | 0 | 0 | 0 | 0 | 0 | 0 | 31 | 9.9 | 2.577 | 29.8 | 9.4 | 7.78 | 42.8113 | -78.8528 |
| 9/28/2016 12:28 | 12.64 | 87.86 | 0 | 0 | 0 | 0 | 0 | 0 | 30 | 15.7 | 4 | 29.8 | 9.4 | 7.68 | 42.8113 | -78.8528 |
| 9/28/2016 12:27 | 12.64 | 75.71 | 0 | 0 | 0 | 0 | 0 | 0 | 31 | 4.1 | 0.607 | 29.8 | 9.4 | 7.08 | 42.8113 | -78.8528 |
| 9/28/2016 12:26 | 12.64 | 72.74 | 0 | 0 | 0 | 0 | 0 | 0 | 31 | 4.7 | 0.731 | 29.7 | 9.4 | 7.26 | 42.8113 | -78.8528 |
| 9/28/2016 12:25 | 12.66 | 69.25 | 0 | 0 | 0 | 0 | 0 | 0 | 31 | 4.1 | 0.94 | 29.7 | 9.4 | 7.27 | 42.8113 | -78.8528 |
| 9/28/2016 12:24 | | | 0 | 0 | 0 | 0 | 0 | 0 | | | | | | | | |
| 9/28/2016 12:23 | 12.65 | 69.77 | | | | | | | | | | | | | 42.8113 | -78.8528 |
| 9/28/2016 12:22 | 12.64 | 73.9 | 0 | 0 | 0 | 0 | 0 | 0 | 31 | 18 | 4 | 29.6 | 9.4 | 7.15 | 42.8113 | -78.8528 |
| 9/28/2016 12:21 | 12.65 | 65.25 | 0 | 0 | 0 | 0 | 0 | 0 | 31 | 4.1 | 0.595 | 29.6 | 9.4 | 6.24 | 42.8113 | -78.8528 |
| 9/28/2016 12:20 | 12.64 | 83.08 | 0 | 0 | 0 | 0 | 0 | 0 | 31 | 5.1 | 0.753 | 29.5 | 9.4 | 6.15 | 42.8113 | -78.8528 |
| 9/28/2016 12:19 | 12.65 | 64.86 | 0 | 0 | 0 | 0 | 0 | 0 | 31 | 4.7 | 0.562 | 29.5 | 9.5 | 6.01 | 42.8113 | -78.8528 |
| 9/28/2016 12:18 | 12.65 | 69.64 | 0 | 0 | 0 | 0 | 0 | 0 | 31 | 3.9 | 0.719 | 29.5 | 9.5 | 6.12 | 42.8113 | -78.8528 |
| 9/28/2016 12:17 | 12.66 | 68.09 | 0 | 0 | 0 | 0 | 0 | 0 | 31 | 4.8 | 0.702 | 29.3 | 9.5 | 6.12 | 42.8113 | -78.8528 |
| 9/28/2016 12:16 | 12.64 | 67.96 | 0 | 0 | 0 | 0 | 0 | 0 | 32 | 7.1 | 1.42 | 29.3 | 9.5 | 6.25 | 42.8113 | -78.8528 |
| 9/28/2016 12:15 | 12.64 | 67.7 | 0 | 0 | 0 | 0 | 0 | 0 | 31 | 14.9 | 4 | 29.3 | 9.5 | 6.22 | 42.8113 | -78.8528 |
| 9/28/2016 12:14 | 12.66 | 65.89 | 0 | 0 | 0 | 0 | 0 | 0 | 31 | 8.7 | 1.693 | 29.3 | 9.5 | 5.55 | 42.8113 | -78.8528 |
| 9/28/2016 12:13 | 12.65 | 73.9 | 0 | 0 | 0 | 0 | 0 | 0 | 31 | 7.9 | 1.235 | 29.2 | 9.5 | 5.67 | 42.8113 | -78.8528 |
| 9/28/2016 12:12 | 12.65 | 68.48 | 0 | 0 | 0 | 0 | 0 | 0 | 31 | 6.4 | 1.272 | 29.2 | 9.5 | 5.89 | 42.8113 | -78.8528 |
| 9/28/2016 12:11 | 12.64 | 69.12 | 0 | 0 | 0 | 0 | 0 | 0 | 31 | 4.8 | 0.766 | 29.1 | 9.5 | 5.75 | 42.8113 | -78.8528 |
| 9/28/2016 12:10 | 12.64 | 69.77 | 0 | 0 | 0 | 0 | 0 | 0 | 30 | 3.7 | 0.533 | 29.1 | 9.5 | 5.74 | 42.8113 | -78.8528 |
| 9/28/2016 12:09 | 12.65 | 68.22 | 0 | 0 | 0 | 0 | 0 | 0 | 31 | 7 | 2.119 | 29.1 | 9.6 | 5.75 | 42.8113 | -78.8528 |
| 9/28/2016 12:08 | 12.65 | 69.25 | 0 | 0 | 0 | 0 | 0 | 0 | 31 | 6.2 | 1.019 | 29 | 9.6 | 5.61 | 42.8113 | -78.8528 |
| 9/28/2016 12:07 | 12.65 | 77.39 | 0 | 0 | 0 | 0 | 0 | 0 | 31 | 4.3 | 0.757 | 29 | 9.6 | 5.51 | 42.8113 | -78.8528 |
| 9/28/2016 12:06 | 12.64 | 71.83 | 0 | 0 | 0 | 0 | 0 | 0 | 31 | 2.7 | 0.843 | 29 | 9.6 | 5.51 | 42.8113 | -78.8528 |
| 9/28/2016 12:05 | 12.64 | 71.71 | 0 | 0 | 0 | 0 | 0 | 0 | 31 | 3.1 | 0.556 | 28.8 | 9.6 | 5.59 | 42.8113 | -78.8528 |
| 9/28/2016 12:04 | 12.64 | 82.04 | 0 | 0 | 0 | 0 | 0 | 0 | 32 | 6.3 | 1.864 | 28.9 | 9.6 | 5.68 | 42.8113 | -78.8528 |
| 9/28/2016 12:03 | 12.65 | 67.57 | 0 | 0 | 0 | 0 | 0 | 0 | 31 | 3.9 | 0.727 | 28.8 | 9.7 | 5.57 | 42.8113 | -78.8528 |
| 9/28/2016 12:02 | 12.64 | 71.45 | 0 | 0 | 0 | 0 | 0 | 0 | 32 | 6.8 | 1.571 | 28.8 | 9.7 | 5.97 | 42.8113 | -78.8528 |
| 9/28/2016 12:01 | 12.64 | 68.99 | 0 | 0 | 0 | 0 | 0 | 0 | 32 | 6.6 | 4 | 28.7 | 9.7 | 5.9 | 42.8113 | -78.8528 |
| 9/28/2016 12:00 | 12.64 | 76.1 | 0 | 0 | 0 | 0 | 0 | 0 | 31 | 4.9 | 1.327 | 28.7 | 9.7 | 5.85 | 42.8113 | -78.8528 |
| 9/28/2016 11:59 | 12.64 | 74.81 | 0 | 0 | 0 | 0 | 0 | 0 | 31 | 10.4 | 4 | 28.6 | 9.7 | 5.92 | 42.8113 | -78.8528 |
| 9/28/2016 11:58 | 12.66 | 66.02 | 0 | 0 | 0 | 0 | 0 | 0 | 32 | 11.3 | 4 | 28.7 | 9.7 | 5.55 | 42.8112 | -78.8528 |
| 9/28/2016 11:57 | 12.65 | 68.09 | 0 | 0 | 0 | 0 | 0 | 0 | 31 | 4.3 | 0.832 | 28.6 | 9.7 | 5.03 | 42.8113 | -78.8528 |
| 9/28/2016 11:56 | 12.64 | 74.16 | 0 | 0 | 0 | 0 | 0 | 0 | 31 | 4.6 | 0.805 | 28.6 | 9.7 | 5.63 | 42.8113 | -78.8528 |
| 9/28/2016 11:55 | 12.65 | 64.86 | 0 | 0 | 0 | 0 | 0 | 0 | 32 | 3.9 | 1.838 | 28.5 | 9.8 | 6.43 | 42.8113 | -78.8528 |
| 9/28/2016 11:54 | 12.65 | 65.76 | 0 | 0 | 0 | 0 | 0 | 0 | 32 | 4.9 | 1.507 | 28.6 | 9.8 | 6.35 | 42.8113 | -78.8528 |
| 9/28/2016 11:53 | 12.65 | 66.67 | 0 | 0 | 0 | 0 | 0 | 0 | 32 | 4.7 | 1.167 | 28.5 | 9.8 | 6.36 | 42.8113 | -78.8528 |
| 9/28/2016 11:52 | 12.65 | 69.64 | 0 | 0 | 0 | 0 | 0 | 0 | 32 | 4.3 | 1.275 | 28.4 | 9.8 | 6.53 | 42.8113 | -78.8528 |
| 9/28/2016 11:51 | 12.65 | 68.99 | 0 | 0 | 0 | 0 | 0 | 0 | 32 | 3.9 | 0.831 | 28.3 | 9.8 | 6.78 | 42.8112 | -78.8528 |

| Timestamp (GMT-4) | Batt. Voltage (V) | Current (mA) | Low (ppm) | Peak (ppm) | STEL (ppm) | TWA (ppm) | VOC (ppm) | VOC (Avg15) (ppm) | Humidity (%) | Mass (µg/m³) | Particle size (µm) | Temperature (°C) | TWA (µg/m³) | Mass (Avg15) (µg/m³) | Latitude | Longitude |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 9/28/2016 11:50 | 12.64 | 68.73 | 0 | 0 | 0 | 0 | 0 | 0 | 32 | 4.4 | 0.662 | 28.4 | 9.9 | 6.76 | 42.8113 | -78.8528 |
| 9/28/2016 11:49 | 12.65 | 67.57 | 0 | 0 | 0 | 0 | 0 | 0 | 32 | 4.7 | 0.765 | 28.3 | 9.9 | 6.61 | 42.8112 | -78.8528 |
| 9/28/2016 11:48 | 12.65 | 69.77 | 0 | 0 | 0 | 0 | 0 | 0 | 32 | 9.8 | 4 | 28.2 | 9.9 | 6.59 | 42.8113 | -78.8528 |
| 9/28/2016 11:47 | 12.64 | 71.06 | 0 | 0 | 0 | 0 | 0 | 0 | 32 | 5.8 | 0.85 | 28.2 | 9.9 | 6 | | |
| 9/28/2016 11:43 | 12.65 | 68.09 | | | | | | | | | | | | | 42.8113 | -78.8528 |
| 9/28/2016 11:42 | 12.66 | 67.05 | 0 | 0 | 0 | 0 | 0 | 0 | 32 | 10.9 | 4 | 28 | 10 | 6.23 | 42.8113 | -78.8528 |
| 9/28/2016 11:41 | 12.65 | 69.25 | 0 | 0 | 0 | 0 | 0 | 0 | 32 | 13.4 | 4 | 27.8 | 10 | 5.82 | 42.8113 | -78.8528 |
| 9/28/2016 11:40 | 12.66 | 68.22 | 0 | 0 | 0 | 0 | 0 | 0 | 32 | 3 | 0.85 | 28 | 10 | 4.98 | 42.8113 | -78.8528 |
| 9/28/2016 11:39 | 12.66 | 65.63 | 0 | 0 | 0 | 0 | 0 | 0 | 33 | 5.1 | 1.447 | 27.8 | 10 | 5.05 | 42.8113 | -78.8528 |
| 9/28/2016 11:37 | 12.65 | 67.96 | 0 | 0 | 0 | 0 | 0 | 0 | | | | | | | 42.8113 | -78.8528 |
| 9/28/2016 11:36 | 12.66 | 72.74 | 0 | 0 | 0 | 0 | 0 | 0 | 32 | 3.7 | 0.559 | 27.7 | 10.1 | 5.27 | 42.8113 | -78.8528 |
| 9/28/2016 11:35 | 12.65 | 71.58 | 0 | 0 | 0 | 0 | 0 | 0 | 32 | 3.1 | 0.365 | 27.7 | 10.1 | 5.59 | 42.8113 | -78.8528 |
| 9/28/2016 11:34 | 12.66 | 68.73 | 0 | 0 | 0 | 0 | 0 | 0 | 31 | 4.5 | 0.919 | 27.6 | 10.1 | 6.83 | 42.8113 | -78.8528 |
| 9/28/2016 11:33 | 12.64 | 66.93 | 0 | 0 | 0 | 0 | 0 | 0 | 32 | 4.5 | 0.75 | 27.6 | 10.1 | 7.28 | 42.8113 | -78.8528 |
| 9/28/2016 11:32 | 12.66 | 71.45 | 0 | 0 | 0 | 0 | 0 | 0 | 32 | 7.8 | 4 | 27.6 | 10.1 | 7.53 | 42.8113 | -78.8528 |
| 9/28/2016 11:31 | 12.66 | 70.54 | 0 | 0 | 0 | 0 | 0 | 0 | 32 | 3.3 | 0.566 | 27.6 | 10.2 | 7.93 | 42.8113 | -78.8528 |
| 9/28/2016 11:30 | 12.65 | 71.96 | 0 | 0 | 0 | 0 | 0 | 0 | 31 | 11.4 | 4 | 27.5 | 10.2 | 8.35 | 42.8113 | -78.8528 |
| 9/28/2016 11:29 | 12.66 | 71.19 | 0 | 0 | 0 | 0 | 0 | 0 | 32 | 2.9 | 0.392 | 27.3 | 10.2 | 7.97 | 42.8113 | -78.8528 |
| 9/28/2016 11:28 | 12.66 | 68.99 | 0 | 0 | 0 | 0 | 0 | 0 | 32 | 7.4 | 4 | 27.4 | 10.2 | 8.09 | 42.8113 | -78.8528 |
| 9/28/2016 11:27 | 12.66 | 68.99 | 0 | 0 | 0 | 0 | 0 | 0 | 33 | 5.5 | 0.7 | 27.4 | 10.2 | 7.96 | 42.8113 | -78.8528 |
| 9/28/2016 11:26 | 12.66 | 68.35 | 0 | 0 | 0 | 0 | 0 | 0 | 32 | 2.6 | 0.496 | 27.3 | 10.2 | 8.24 | 42.8113 | -78.8528 |
| 9/28/2016 11:25 | 12.66 | 67.83 | 0 | 0 | 0 | 0 | 0 | 0 | 33 | 3.9 | 0.533 | 27.3 | 10.3 | 8.28 | 42.8113 | -78.8528 |
| 9/28/2016 11:24 | 12.65 | 74.68 | 0 | 0 | 0 | 0 | 0 | 0 | 33 | 4.7 | 1.902 | 27.2 | 10.3 | 8.34 | 42.8113 | -78.8528 |
| 9/28/2016 11:23 | 12.66 | 71.96 | 0 | 0 | 0 | 0 | 0 | 0 | 33 | 7.6 | 4 | 27.2 | 10.3 | 8.45 | 42.8113 | -78.8528 |
| 9/28/2016 11:22 | 12.65 | 71.06 | 0 | 0 | 0 | 0 | 0 | 0 | 33 | 6.2 | 4 | 27.1 | 10.3 | 8.23 | 42.8113 | -78.8528 |
| 9/28/2016 11:21 | 12.65 | 72.22 | 0 | 0 | 0 | 0 | 0 | 0 | 32 | 8.5 | 1.029 | 27.1 | 10.3 | 8.75 | 42.8113 | -78.8528 |
| 9/28/2016 11:20 | 12.66 | 68.86 | 0 | 0 | 0 | 0 | 0 | 0 | 33 | 21.6 | 4 | 27.1 | 10.3 | 12.41 | 42.8113 | -78.8528 |
| 9/28/2016 11:19 | 12.65 | 70.41 | 0 | 0 | 0 | 0 | 0 | 0 | 33 | 11.3 | 4 | 27 | 10.3 | 11.59 | 42.8113 | -78.8528 |
| 9/28/2016 11:18 | 12.65 | 71.32 | 0 | 0 | 0 | 0 | 0 | 0 | 33 | 8.3 | 4 | 26.9 | 10.3 | 11.32 | 42.8113 | -78.8528 |
| 9/28/2016 11:17 | 12.65 | 68.99 | 0 | 0 | 0 | 0 | 0 | 0 | 33 | 13.7 | 4 | 27 | 10.3 | 13.86 | 42.8113 | -78.8528 |
| 9/28/2016 11:16 | 12.65 | 80.36 | 0 | 0 | 0 | 0 | 0 | 0 | 33 | 9.6 | 4 | 26.9 | 10.3 | 14.91 | 42.8113 | -78.8528 |
| 9/28/2016 11:15 | 12.65 | 71.58 | 0 | 0 | 0 | 0 | 0 | 0 | 33 | 5.8 | 0.631 | 26.7 | 10.3 | 14.52 | 42.8113 | -78.8528 |
| 9/28/2016 11:14 | 12.66 | 70.28 | 0 | 0 | 0 | 0 | 0 | 0 | 33 | 4.6 | 0.494 | 26.7 | 10.3 | 14.44 | 42.8113 | -78.8528 |
| 9/28/2016 11:13 | 12.66 | 68.73 | 0 | 0 | 0 | 0 | 0 | 0 | 33 | 5.5 | 0.495 | 26.7 | 10.4 | 14.54 | 42.8113 | -78.8528 |
| 9/28/2016 11:12 | 12.66 | 67.83 | 0 | 0 | 0 | 0 | 0 | 0 | 33 | 9.7 | 4 | 26.7 | 10.4 | 14.87 | 42.8113 | -78.8528 |
| 9/28/2016 11:11 | 12.66 | 67.96 | 0 | 0 | 0 | 0 | 0 | 0 | 33 | 3.2 | 0.979 | 26.6 | 10.4 | 14.71 | 42.8113 | -78.8528 |
| 9/28/2016 11:10 | 12.66 | 69.77 | 0 | 0 | 0 | 0 | 0 | 0 | 34 | 4.8 | 0.741 | 26.6 | 10.4 | 15.51 | 42.8113 | -78.8528 |
| 9/28/2016 11:09 | 12.65 | 76.36 | 0 | 0 | 0 | 0 | 0 | 0 | 34 | 6.3 | 1.064 | 26.6 | 10.5 | 15.48 | 42.8113 | -78.8528 |
| 9/28/2016 11:08 | 12.66 | 69.77 | 0 | 0 | 0 | 0 | 0 | 0 | 34 | 4.3 | 0.774 | 26.5 | 10.5 | 15.28 | 42.8113 | -78.8528 |
| 9/28/2016 11:07 | 12.66 | 70.28 | 0 | 0 | 0 | 0 | 0 | 0 | 32 | 14.1 | 4 | 26.4 | 10.5 | 15.55 | 42.8113 | -78.8528 |
| 9/28/2016 11:06 | 12.65 | 67.44 | 0 | 0 | 0 | 0 | 0 | 0 | 34 | 63.4 | 4 | 26.4 | 10.5 | 14.89 | 42.8113 | -78.8528 |
| 9/28/2016 11:05 | 12.64 | 73.26 | 0 | 0 | 0 | 0 | 0 | 0 | 33 | 9.3 | 1.128 | 26.3 | 10.4 | 10.92 | 42.8113 | -78.8528 |
| 9/28/2016 11:04 | 12.64 | 72.61 | 0 | 0 | 0 | 0 | 0 | 0 | 33 | 7.2 | 2.098 | 26.3 | 10.3 | 10.55 | 42.8113 | -78.8528 |
| 9/28/2016 11:03 | 12.65 | 66.67 | 0 | 0 | 0 | 0 | 0 | 0 | 34 | 46.4 | 4 | 26.3 | 10.3 | 10.53 | 42.8113 | -78.8528 |
| 9/28/2016 11:02 | 12.64 | 70.93 | 0 | 0 | 0 | 0 | 0 | 0 | 34 | 29.5 | 4 | 26.2 | 10.2 | 7.87 | 42.8113 | -78.8528 |
| 9/28/2016 11:01 | 12.64 | 71.83 | 0 | 0 | 0 | 0 | 0 | 0 | 34 | 3.7 | 3.081 | 26.2 | 10.2 | 6.89 | 42.8113 | -78.8528 |

| Timestamp (GMT-4) | Batt. Voltage (V) | Current (mA) | Low (ppm) | Peak (ppm) | STEL (ppm) | TWA (ppm) | VOC (ppm) | VOC (Avg15) (ppm) | Humidity (%) | Mass (µg/m³) | Particle size (µm) | Temperature (℃) | TWA (µg/m³) | Mass (Avg15) (µg/m³) | Latitude | Longitude |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 9/28/2016 11:00 | 12.63 | 75.71 | 0 | 0 | 0 | 0 | 0 | 0 | 34 | 4.6 | 1.054 | 26.2 | 10.2 | 7 | 42.8113 | -78.8528 |
| 9/28/2016 10:59 | 12.63 | 68.22 | 0 | 0 | 0 | 0 | 0 | 0 | 35 | 6.1 | 1.167 | 26.1 | 10.2 | 7.07 | 42.8113 | -78.8528 |
| 9/28/2016 10:58 | 12.63 | 69.38 | 0 | 0 | 0 | 0 | 0 | 0 | 34 | 10.5 | 4 | 26.1 | 10.2 | 7.15 | 42.8113 | -78.8528 |
| 9/28/2016 10:57 | 12.63 | 73.51 | 0 | 0 | 0 | 0 | 0 | 0 | 35 | 7.2 | 3.407 | 26 | 10.2 | 6.73 | 42.8113 | -78.8528 |
| 9/28/2016 10:56 | 12.64 | 70.28 | 0 | 0 | 0 | 0 | 0 | 0 | 33 | 15.3 | 4 | 26.1 | 10.2 | 6.78 | 42.8113 | -78.8528 |
| 9/28/2016 10:55 | 12.64 | 69.51 | 0 | 0 | 0 | 0 | 0 | 0 | 34 | 4.3 | 0.677 | 26 | 10.2 | 6.33 | 42.8113 | -78.8528 |
| 9/28/2016 10:54 | 12.64 | 78.04 | 0 | 0 | 0 | 0 | 0 | 0 | 33 | 3.3 | 0.626 | 26 | 10.3 | 6.32 | 42.8113 | -78.8528 |
| 9/28/2016 10:53 | 12.64 | 67.83 | 0 | 0 | 0 | 0 | 0 | 0 | 34 | 8.3 | 1.04 | 25.9 | 10.3 | 6.54 | 42.8113 | -78.8528 |
| 9/28/2016 10:52 | 12.65 | 66.67 | 0 | 0 | 0 | 0 | 0 | 0 | 35 | 4.2 | 0.733 | 25.8 | 10.3 | 6.19 | 42.8113 | -78.8528 |
| 9/28/2016 10:51 | 12.64 | 76.87 | 0 | 0 | 0 | 0 | 0 | 0 | 34 | 3.9 | 0.735 | 25.8 | 10.3 | 6.44 | 42.8113 | -78.8528 |
| 9/28/2016 10:50 | 12.64 | 67.96 | 0 | 0 | 0 | 0 | 0 | 0 | 35 | 3.8 | 0.578 | 25.8 | 10.4 | 6.34 | 42.8113 | -78.8528 |
| 9/28/2016 10:49 | 12.63 | 83.08 | 0 | 0 | 0 | 0 | 0 | 0 | 35 | 6.9 | 3.005 | 25.7 | 10.4 | 6.54 | 42.8113 | -78.8528 |
| 9/28/2016 10:48 | 12.63 | 70.16 | 0 | 0 | 0 | 0 | 0 | 0 | 34 | 6.5 | 2.071 | 25.7 | 10.4 | 6.61 | 42.8113 | -78.8528 |
| 9/28/2016 10:47 | 12.65 | 66.67 | 0 | 0 | 0 | 0 | 0 | 0 | 35 | 14.7 | 4 | 25.6 | 10.4 | 6.45 | 42.8113 | -78.8528 |
| 9/28/2016 10:46 | 12.63 | 77.91 | 0 | 0 | 0 | 0 | 0 | 0 | 34 | 5.4 | 1.156 | 25.7 | 10.4 | 5.67 | 42.8113 | -78.8528 |
| 9/28/2016 10:45 | 12.64 | 69.38 | 0 | 0 | 0 | 0 | 0 | 0 | 34 | 5.6 | 1.323 | 25.6 | 10.4 | 5.61 | 42.8113 | -78.8528 |
| 9/28/2016 10:44 | 12.64 | 75.45 | 0 | 0 | 0 | 0 | 0 | 0 | 35 | 7.4 | 1.39 | 25.6 | 10.5 | 5.49 | 42.8113 | -78.8528 |
| 9/28/2016 10:43 | 12.64 | 68.48 | 0 | 0 | 0 | 0 | 0 | 0 | 34 | 4.1 | 2.311 | 25.5 | 10.5 | 5.28 | 42.8113 | -78.8528 |
| 9/28/2016 10:42 | 12.63 | 69.25 | 0 | 0 | 0 | 0 | 0 | 0 | 35 | 8 | 4 | 25.5 | 10.5 | 5.36 | 42.8113 | -78.8528 |
| 9/28/2016 10:41 | 12.64 | 74.55 | 0 | 0 | 0 | 0 | 0 | 0 | 35 | 8.5 | 4 | 25.5 | 10.5 | 5.16 | 42.8113 | -78.8528 |
| 9/28/2016 10:40 | 12.64 | 72.87 | 0 | 0 | 0 | 0 | 0 | 0 | 35 | 4.2 | 0.753 | 25.5 | 10.5 | 4.87 | 42.8113 | -78.8528 |
| 9/28/2016 10:39 | 12.64 | 69.77 | 0 | 0 | 0 | 0 | 0 | 0 | 35 | 6.6 | 0.611 | 25.3 | 10.6 | 6.48 | 42.8113 | -78.8528 |
| 9/28/2016 10:38 | 12.64 | 71.58 | 0 | 0 | 0 | 0 | 0 | 0 | 35 | 3.1 | 0.773 | 25.3 | 10.6 | 6.65 | 42.8113 | -78.8528 |
| 9/28/2016 10:37 | 12.64 | 70.28 | 0 | 0 | 0 | 0 | 0 | 0 | 35 | 7.9 | 1.776 | 25.3 | 10.6 | 6.85 | 42.8113 | -78.8528 |
| 9/28/2016 10:36 | 12.64 | 64.73 | 0 | 0 | 0 | 0 | 0 | 0 | 35 | 2.4 | 0.426 | 25.3 | 10.7 | 6.74 | 42.8113 | -78.8528 |
| 9/28/2016 10:35 | 12.64 | 70.41 | 0 | 0 | 0 | 0 | 0 | 0 | 35 | 6.8 | 1.479 | 25.3 | 10.7 | 6.91 | 42.8113 | -78.8528 |
| 9/28/2016 10:34 | 12.62 | 84.63 | 0 | 0 | 0 | 0 | 0 | 0 | 36 | 7.9 | 3.713 | 25.3 | 10.7 | 6.69 | 42.8113 | -78.8528 |
| 9/28/2016 10:33 | 12.64 | 71.45 | 0 | 0 | 0 | 0 | 0 | 0 | 35 | 4.1 | 0.653 | 25.2 | 10.7 | 6.89 | 42.8113 | -78.8528 |
| 9/28/2016 10:32 | 12.64 | 70.28 | 0 | 0 | 0 | 0 | 0 | 0 | 36 | 3 | 0.564 | 25.2 | 10.8 | 7.64 | 42.8113 | -78.8528 |
| 9/28/2016 10:31 | 12.64 | 66.54 | 0 | 0 | 0 | 0 | 0 | 0 | 37 | 4.5 | 0.612 | 25.2 | 10.8 | 7.91 | 42.8113 | -78.8528 |
| 9/28/2016 10:30 | 12.65 | 67.7 | 0 | 0 | 0 | 0 | 0 | 0 | 36 | 3.8 | 1.026 | 25.1 | 10.9 | 9.06 | 42.8113 | -78.8528 |
| 9/28/2016 10:29 | 12.64 | 67.57 | 0 | 0 | 0 | 0 | 0 | 0 | 35 | 4.3 | 0.963 | 25.1 | 10.9 | 26.28 | 42.8113 | -78.8528 |
| 9/28/2016 10:28 | | | 0 | 0 | 0 | 0 | 0 | 0 | | | | | | | | |
| 9/28/2016 10:27 | 12.67 | 68.73 | | | | | | | | | | | | | 42.8113 | -78.8528 |
| 9/28/2016 10:26 | 12.66 | 70.54 | 0 | 0 | 0 | 0 | 0 | 0 | 36 | 4.7 | 0.812 | 25 | 10.9 | 24.64 | 42.8113 | -78.8528 |
| 9/28/2016 10:25 | 12.67 | 70.16 | 0 | 0 | 0 | 0 | 0 | 0 | 37 | 25.1 | 4 | 25 | 11 | 25.14 | 42.8113 | -78.8528 |
| 9/28/2016 10:24 | 12.66 | 69.12 | 0 | 0 | 0 | 0 | 0 | 0 | 35 | 8.8 | 4 | 24.8 | 10.9 | 23.69 | 42.8113 | -78.8528 |
| 9/28/2016 10:23 | 12.67 | 70.93 | 0 | 0 | 0 | 0 | 0 | 0 | 36 | 5.7 | 1.541 | 24.8 | 10.9 | 23.36 | 42.8113 | -78.8528 |
| 9/28/2016 10:22 | 12.68 | 67.05 | 0 | 0 | 0 | 0 | 0 | 0 | 37 | 6.5 | 2.418 | 24.8 | 11 | 23.55 | 42.8113 | -78.8528 |
| 9/28/2016 10:21 | 12.67 | 67.31 | 0 | 0 | 0 | 0 | 0 | 0 | 36 | 4.6 | 1.657 | 24.7 | 11 | 24.21 | 42.8113 | -78.8528 |
| 9/28/2016 10:20 | 12.68 | 66.28 | 0 | 0 | 0 | 0 | 0 | 0 | 36 | 4 | 0.938 | 24.7 | 11 | 24.58 | 42.8113 | -78.8528 |
| 9/28/2016 10:19 | 12.68 | 65.5 | 0 | 0 | 0 | 0 | 0 | 0 | 37 | 10.5 | 4 | 24.7 | 11.1 | 24.59 | 42.8113 | -78.8528 |
| 9/28/2016 10:18 | 12.68 | 65.5 | 0 | 0 | 0 | 0 | 0 | 0 | 36 | 13.8 | 4 | 24.7 | 11.1 | 24.39 | 42.8113 | -78.8528 |
| 9/28/2016 10:17 | 12.68 | 70.16 | 0 | 0 | 0 | 0 | 0 | 0 | 37 | 6.5 | 2.205 | 24.6 | 11.1 | 23.9 | 42.8113 | -78.8528 |
| 9/28/2016 10:16 | 12.68 | 71.06 | 0 | 0 | 0 | 0 | 0 | 0 | 38 | 19.5 | 4 | 24.5 | 11.1 | 23.73 | 42.8113 | -78.8528 |
| 9/28/2016 10:15 | 12.68 | 69.25 | 0 | 0 | 0 | 0 | 0 | 0 | 37 | 227.6 | 4 | 24.6 | 10.5 | 22.77 | 42.8113 | -78.8528 |

| Timestamp (GMT-4) | Batt. Voltage (V) | Current (mA) | Low (ppm) | Peak (ppm) | STEL (ppm) | TWA (ppm) | VOC (ppm) | VOC (Avg15) (ppm) | Humidity (%) | Mass (µg/m³) | Particle size (µm) | Temperature (℃) | TWA (µg/m³) | Mass (Avg15) (µg/m³) | Latitude | Longitude |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 9/28/2016 10:14 | 12.68 | 66.8 | 0 | 0 | 0 | 0 | 0 | 0 | 37 | 15.5 | 4 | 24.3 | 10.1 | 8.04 | 42.8113 | -78.8528 |
| 9/28/2016 10:13 | 12.68 | 66.15 | 0 | 0 | 0 | 0 | 0 | 0 | 38 | 12.1 | 4 | 24.3 | 10.1 | 7.51 | 42.8113 | -78.8528 |
| 9/28/2016 10:12 | 12.68 | 70.28 | 0 | 0 | 0 | 0 | 0 | 0 | 37 | 4.7 | 0.505 | 24.4 | 10.1 | 7.09 | 42.8113 | -78.8528 |
| 9/28/2016 10:11 | 12.68 | 68.48 | 0 | 0 | 0 | 0 | 0 | 0 | 37 | 12.2 | 1.938 | 24.3 | 10.1 | 7.78 | 42.8113 | -78.8528 |
| 9/28/2016 10:10 | 12.68 | 67.31 | 0 | 0 | 0 | 0 | 0 | 0 | 37 | 3.3 | 0.508 | 24.2 | 10.2 | 7.23 | 42.8113 | -78.8528 |
| 9/28/2016 10:09 | 12.68 | 67.31 | 0 | 0 | 0 | 0 | 0 | 0 | 37 | 3.9 | 0.493 | 24.2 | 10.2 | 7.37 | 42.8113 | -78.8528 |
| 9/28/2016 10:08 | 12.68 | 65.89 | 0 | 0 | 0 | 0 | 0 | 0 | 38 | 8.5 | 4 | 24.1 | 10.2 | 7.58 | 42.8113 | -78.8528 |
| 9/28/2016 10:07 | 12.68 | 68.48 | 0 | 0 | 0 | 0 | 0 | 0 | 37 | 16.5 | 4 | 24.1 | 10.2 | 9.29 | 42.8113 | -78.8528 |
| 9/28/2016 10:06 | 12.67 | 69.77 | 0 | 0 | 0 | 0 | 0 | 0 | 38 | 10.1 | 4 | 24.1 | 10.1 | 8.62 | 42.8113 | -78.8528 |
| 9/28/2016 10:05 | 12.68 | 66.93 | 0 | 0 | 0 | 0 | 0 | 0 | 39 | 4.2 | 0.783 | 24 | 10.2 | 8.33 | 42.8113 | -78.8528 |
| 9/28/2016 10:04 | 12.68 | 66.67 | 0 | 0 | 0 | 0 | 0 | 0 | 39 | 7.4 | 4 | 23.9 | 10.2 | 8.27 | 42.8113 | -78.8528 |
| 9/28/2016 10:03 | 12.68 | 67.96 | 0 | 0 | 0 | 0 | 0 | 0 | 38 | 6.5 | 0.894 | 24 | 10.2 | 8.09 | 42.8113 | -78.8528 |
| 9/28/2016 10:02 | 12.68 | 66.54 | 0 | 0 | 0 | 0 | 0 | 0 | 38 | 3.9 | 0.545 | 23.8 | 10.2 | 7.88 | 42.8113 | -78.8528 |
| 9/28/2016 10:01 | 12.68 | 68.73 | 0 | 0 | 0 | 0 | 0 | 0 | 38 | 5.2 | 0.743 | 23.8 | 10.3 | 8.01 | 42.8113 | -78.8528 |
| 9/28/2016 10:00 | 12.67 | 71.58 | 0 | 0 | 0 | 0 | 0 | 0 | 37 | 6.6 | 0.531 | 23.8 | 10.3 | 8.05 | 42.8113 | -78.8528 |
| 9/28/2016 9:59 | 12.67 | 72.35 | 0 | 0 | 0 | 0 | 0 | 0 | 38 | 7.6 | 2.533 | 23.7 | 10.3 | 7.96 | 42.8113 | -78.8528 |
| 9/28/2016 9:58 | 12.68 | 67.57 | 0 | 0 | 0 | 0 | 0 | 0 | 38 | 5.8 | 4 | 23.6 | 10.3 | 7.84 | 42.8113 | -78.8528 |
| 9/28/2016 9:57 | 12.67 | 73.64 | 0 | 0 | 0 | 0 | 0 | 0 | 38 | 15 | 4 | 23.6 | 10.3 | 7.63 | 42.8113 | -78.8528 |
| 9/28/2016 9:56 | 12.68 | 73.26 | 0 | 0 | 0 | 0 | 0 | 0 | 38 | 3.9 | 0.628 | 23.5 | 10.3 | 6.88 | 42.8113 | -78.8528 |
| 9/28/2016 9:55 | 12.66 | 85.79 | 0 | 0 | 0 | 0 | 0 | 0 | 39 | 5.5 | 1.51 | 23.5 | 10.4 | 7.05 | 42.8113 | -78.8528 |
| 9/28/2016 9:54 | 12.68 | 74.55 | 0 | 0 | 0 | 0 | 0 | 0 | 39 | 7 | 1.224 | 23.5 | 10.4 | 6.95 | 42.8113 | -78.8528 |
| 9/28/2016 9:53 | 12.68 | 70.8 | 0 | 0 | 0 | 0 | 0 | 0 | 39 | 34.1 | 4 | 23.5 | 10.2 | 6.76 | 42.8113 | -78.8528 |
| 9/28/2016 9:52 | 12.68 | 66.67 | 0 | 0 | 0 | 0 | 0 | 0 | 38 | 6.5 | 4 | 23.4 | 10.2 | 4.95 | 42.8113 | -78.8528 |
| 9/28/2016 9:51 | 12.68 | 69.64 | 0 | 0 | 0 | 0 | 0 | 0 | 39 | 5.7 | 1 | 23.3 | 10.2 | 5.77 | 42.8113 | -78.8528 |
| 9/28/2016 9:50 | 12.68 | 72.48 | 0 | 0 | 0 | 0 | 0 | 0 | 39 | 3.4 | 0.585 | 23.3 | 10.2 | 5.77 | 42.8113 | -78.8528 |
| 9/28/2016 9:49 | 12.68 | 65.89 | 0 | 0 | 0 | 0 | 0 | 0 | 40 | 4.7 | 0.646 | 23.3 | 10.2 | 6.16 | 42.8113 | -78.8528 |
| 9/28/2016 9:48 | 12.68 | 72.48 | 0 | 0 | 0 | 0 | 0 | 0 | 38 | 3.3 | 0.547 | 23.2 | 10.3 | 7.03 | 42.8113 | -78.8528 |
| 9/28/2016 9:47 | 12.68 | 66.93 | 0 | 0 | 0 | 0 | 0 | 0 | 39 | 5.8 | 1.013 | 23.1 | 10.3 | 7.45 | 42.8113 | -78.8528 |
| 9/28/2016 9:46 | 12.68 | 69.25 | 0 | 0 | 0 | 0 | 0 | 0 | 39 | 5.9 | 1.905 | 23 | 10.3 | 7.62 | 42.8113 | -78.8528 |
| 9/28/2016 9:45 | 12.69 | 67.96 | 0 | 0 | 0 | 0 | 0 | 0 | 39 | 5.2 | 1.058 | 23 | 10.4 | 8.13 | 42.8113 | -78.8528 |
| 9/28/2016 9:44 | 12.67 | 73.77 | 0 | 0 | 0 | 0 | 0 | 0 | 40 | 5.8 | 0.735 | 22.9 | 10.4 | 8.77 | 42.8113 | -78.8528 |
| 9/28/2016 9:43 | 12.7 | 66.93 | 0 | 0 | 0 | 0 | 0 | 0 | 40 | 2.7 | 0.524 | 22.9 | 10.5 | 9.44 | 42.8113 | -78.8528 |
| 9/28/2016 9:42 | 12.68 | 71.71 | 0 | 0 | 0 | 0 | 0 | 0 | 40 | 3.7 | 0.631 | 22.8 | 10.5 | 10.22 | 42.8113 | -78.8528 |
| 9/28/2016 9:41 | 12.69 | 67.05 | 0 | 0 | 0 | 0 | 0 | 0 | 40 | 6.5 | 0.752 | 22.8 | 10.6 | 11.07 | 42.8113 | -78.8528 |
| 9/28/2016 9:40 | 12.69 | 70.41 | 0 | 0 | 0 | 0 | 0 | 0 | 40 | 4 | 0.578 | 22.7 | 10.6 | 12.24 | 42.8113 | -78.8528 |
| 9/28/2016 9:39 | 12.68 | 74.81 | 0 | 0 | 0 | 0 | 0 | 0 | 40 | 4.1 | 0.607 | 22.7 | 10.6 | 13 | 42.8113 | -78.8528 |
| 9/28/2016 9:38 | 12.68 | 67.7 | 0 | 0 | 0 | 0 | 0 | 0 | 40 | 6.9 | 0.408 | 22.7 | 10.7 | 13.49 | 42.8113 | -78.8528 |
| 9/28/2016 9:37 | 12.68 | 66.15 | 0 | 0 | 0 | 0 | 0 | 0 | 41 | 18.8 | 4 | 22.6 | 10.7 | 13.41 | 42.8113 | -78.8528 |
| 9/28/2016 9:36 | 12.68 | 66.15 | 0 | 0 | 0 | 0 | 0 | 0 | 41 | 5.7 | 0.531 | 22.5 | 10.7 | 12.48 | 42.8113 | -78.8528 |
| 9/28/2016 9:35 | 12.68 | 65.63 | 0 | 0 | 0 | 0 | 0 | 0 | 41 | 9.3 | 1.318 | 22.6 | 10.7 | 12.71 | 42.8113 | -78.8528 |
| 9/28/2016 9:34 | 12.68 | 71.58 | 0 | 0 | 0 | 0 | 0 | 0 | 40 | 17.8 | 4 | 22.3 | 10.7 | 12.45 | 42.8113 | -78.8528 |
| 9/28/2016 9:33 | 12.68 | 71.19 | 0 | 0 | 0 | 0 | 0 | 0 | 40 | 9.5 | 1.056 | 22.3 | 10.7 | 11.75 | 42.8113 | -78.8528 |
| 9/28/2016 9:32 | 12.66 | 70.28 | 0 | 0 | 0 | 0 | 0 | 0 | 41 | 8.4 | 4 | 22.3 | 10.8 | 11.92 | 42.8113 | -78.8528 |
| 9/28/2016 9:31 | 12.68 | 66.15 | 0 | 0 | 0 | 0 | 0 | 0 | 41 | 13.5 | 4 | 22.3 | 10.8 | 12.41 | 42.8113 | -78.8528 |
| 9/28/2016 9:30 | 12.68 | 67.7 | 0 | 0 | 0 | 0 | 0 | 0 | 41 | 14.9 | 4 | 22.1 | 10.8 | 12.1 | 42.8113 | -78.8528 |
| 9/28/2016 9:29 | 12.68 | 67.05 | 0 | 0 | 0 | 0 | 0 | 0 | 41 | 15.8 | 4 | 22.2 | 10.7 | 11.73 | 42.8113 | -78.8528 |

| Timestamp (GMT-4) | Batt. Voltage (V) | Current (mA) | Low (ppm) | Peak (ppm) | STEL (ppm) | TWA (ppm) | VOC (ppm) | VOC (Avg15) (ppm) | Humidity (%) | Mass (µg/m³) | Particle size (µm) | Temperature (°C) | TWA (µg/m³) | Mass (Avg15) (µg/m³) | Latitude | Longitude |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 9/28/2016 9:28 | 12.66 | 77 | 0 | 0 | 0 | 0 | 0 | 0 | 41 | 14.4 | 4 | 22.2 | 10.7 | 11.14 | 42.8113 | -78.8528 |
| 9/28/2016 9:27 | 12.68 | 67.44 | 0 | 0 | 0 | 0 | 0 | 0 | 41 | 16.5 | 3.776 | 22.1 | 10.6 | 10.85 | 42.8113 | -78.8528 |
| 9/28/2016 9:26 | 12.65 | 80.88 | 0 | 0 | 0 | 0 | 0 | 0 | 41 | 24 | 4 | 22 | 10.6 | 10.04 | 42.8113 | -78.8528 |
| 9/28/2016 9:25 | 12.68 | 70.67 | 0 | 0 | 0 | 0 | 0 | 0 | 41 | 15.4 | 4 | 22 | 10.4 | 8.89 | 42.8113 | -78.8528 |
| 9/28/2016 9:24 | 12.67 | 67.31 | 0 | 0 | 0 | 0 | 0 | 0 | 42 | 11.5 | 3.615 | 21.8 | 10.5 | 9.07 | 42.8113 | -78.8528 |
| 9/28/2016 9:23 | 12.68 | 66.8 | 0 | 0 | 0 | 0 | 0 | 0 | 42 | 5.6 | 0.89 | 21.9 | 10.5 | 8.77 | 42.8113 | -78.8528 |
| 9/28/2016 9:22 | 12.68 | 69.64 | 0 | 0 | 0 | 0 | 0 | 0 | 41 | 4.9 | 0.596 | 21.8 | 10.5 | 8.81 | 42.8113 | -78.8528 |
| 9/28/2016 9:21 | 12.66 | 86.69 | 0 | 0 | 0 | 0 | 0 | 0 | 42 | 9.1 | 1.354 | 21.8 | 10.5 | 9.05 | 42.8113 | -78.8528 |
| 9/28/2016 9:20 | 12.68 | 71.45 | 0 | 0 | 0 | 0 | 0 | 0 | 41 | 5.5 | 0.787 | 21.7 | 10.6 | 9.11 | 42.8113 | -78.8528 |
| 9/28/2016 9:19 | 12.68 | 68.48 | 0 | 0 | 0 | 0 | 0 | 0 | 41 | 7.2 | 1.851 | 21.7 | 10.6 | 9.21 | 42.8113 | -78.8528 |
| 9/28/2016 9:18 | 12.69 | 67.57 | 0 | 0 | 0 | 0 | 0 | 0 | 41 | 12.1 | 4 | 21.6 | 10.6 | 9.55 | 42.8113 | -78.8528 |
| 9/28/2016 9:17 | 12.7 | 70.03 | 0 | 0 | 0 | 0 | 0 | 0 | 41 | 15.8 | 4 | 21.6 | 10.5 | 10.16 | 42.8113 | -78.8528 |
| 9/28/2016 9:16 | 12.69 | 70.54 | 0 | 0 | 0 | 0 | 0 | 0 | 41 | 8.8 | 4 | 21.6 | 10.5 | 9.83 | 42.8113 | -78.8528 |
| 9/28/2016 9:15 | 12.7 | 66.02 | 0 | 0 | 0 | 0 | 0 | 0 | 41 | 9.4 | 4 | 21.5 | 10.5 | 10.49 | 42.8113 | -78.8528 |
| 9/28/2016 9:14 | 12.68 | 74.68 | 0 | 0 | 0 | 0 | 0 | 0 | 42 | 6.9 | 4 | 21.5 | 10.5 | 10.49 | 42.8113 | -78.8528 |
| 9/28/2016 9:13 | 12.71 | 70.03 | 0 | 0 | 0 | 0 | 0 | 0 | 41 | 10 | 4 | 21.5 | 10.5 | 10.51 | 42.8113 | -78.8528 |
| 9/28/2016 9:12 | 12.7 | 69.25 | 0 | 0 | 0 | 0 | 0 | 0 | 41 | 4.4 | 1.638 | 21.4 | 10.6 | 10.23 | 42.8113 | -78.8528 |
| 9/28/2016 9:11 | 12.7 | 70.8 | 0 | 0 | 0 | 0 | 0 | 0 | 42 | 6.7 | 3.1 | 21.4 | 10.6 | 10.43 | 42.8113 | -78.8528 |
| 9/28/2016 9:10 | 12.69 | 73.13 | 0 | 0 | 0 | 0 | 0 | 0 | 42 | 18.1 | 4 | 21.3 | 10.6 | 10.32 | 42.8113 | -78.8528 |
| 9/28/2016 9:09 | 12.7 | 69.12 | 0 | 0 | 0 | 0 | 0 | 0 | 42 | 7 | 1.432 | 21.3 | 10.6 | 9.66 | 42.8113 | -78.8528 |
| 9/28/2016 9:08 | 12.7 | 66.8 | 0 | 0 | 0 | 0 | 0 | 0 | 42 | 6.2 | 2.693 | 21.2 | 10.6 | 9.83 | 42.8113 | -78.8528 |
| 9/28/2016 9:07 | 12.7 | 71.19 | 0 | 0 | 0 | 0 | 0 | 0 | 42 | 8.6 | 4 | 21.2 | 10.6 | 10.07 | 42.8113 | -78.8528 |
| 9/28/2016 9:06 | 12.7 | 68.48 | 0 | 0 | 0 | 0 | 0 | 0 | 42 | 9.9 | 2.624 | 21.2 | 10.6 | 10.87 | 42.8113 | -78.8528 |
| 9/28/2016 9:05 | 12.69 | 69.64 | 0 | 0 | 0 | 0 | 0 | 0 | 41 | 7 | 1.451 | 21.2 | 10.6 | 10.73 | 42.8113 | -78.8528 |
| 9/28/2016 9:04 | 12.7 | 70.03 | 0 | 0 | 0 | 0 | 0 | 0 | 42 | 12.3 | 4 | 21.2 | 10.7 | 11.63 | 42.8113 | -78.8528 |
| 9/28/2016 9:03 | 12.7 | 72.48 | 0 | 0 | 0 | 0 | 0 | 0 | 41 | 21.3 | 4 | 21 | 10.6 | 11.42 | 42.8113 | -78.8528 |
| 9/28/2016 9:02 | 12.69 | 76.36 | 0 | 0 | 0 | 0 | 0 | 0 | 42 | 10.8 | 4 | 21.1 | 10.5 | 10.57 | 42.8113 | -78.8528 |
| 9/28/2016 9:01 | 12.71 | 66.67 | 0 | 0 | 0 | 0 | 0 | 0 | 42 | 18.7 | 4 | 21 | 10.4 | 10.69 | 42.8113 | -78.8528 |
| 9/28/2016 9:00 | 12.71 | 66.02 | 0 | 0 | 0 | 0 | 0 | 0 | 42 | 9.5 | 2.365 | 21 | 10.4 | 10.1 | 42.8113 | -78.8528 |
| 9/28/2016 8:59 | 12.7 | 73.77 | 0 | 0 | 0 | 0 | 0 | 0 | 42 | 7.1 | 4 | 21.1 | 10.3 | 9.87 | 42.8113 | -78.8528 |
| 9/28/2016 8:58 | 12.69 | 76.87 | 0 | 0 | 0 | 0 | 0 | 0 | 41 | 5.9 | 4 | 21 | 10.4 | 9.85 | 42.8113 | -78.8529 |
| 9/28/2016 8:57 | 12.7 | 68.09 | 0 | 0 | 0 | 0 | 0 | 0 | 42 | 7.3 | 4 | 20.9 | 10.4 | 10.06 | 42.8113 | -78.8528 |
| 9/28/2016 8:56 | 12.7 | 71.32 | 0 | 0 | 0 | 0 | 0 | 0 | 42 | 5.1 | 1.072 | 20.9 | 10.4 | 9.99 | 42.8113 | -78.8529 |
| 9/28/2016 8:55 | 12.71 | 71.06 | 0 | 0 | 0 | 0 | 0 | 0 | 42 | 8.2 | 4 | 20.8 | 10.5 | 10.11 | 42.8113 | -78.8529 |
| 9/28/2016 8:54 | 12.7 | 76.1 | 0 | 0 | 0 | 0 | 0 | 0 | 42 | 9.5 | 4 | 20.8 | 10.5 | 10.22 | 42.8113 | -78.8528 |
| 9/28/2016 8:53 | 12.7 | 68.86 | 0 | 0 | 0 | 0 | 0 | 0 | 41 | 9.9 | 4 | 20.8 | 10.5 | 10.13 | 42.8113 | -78.8529 |
| 9/28/2016 8:52 | 12.71 | 66.93 | 0 | 0 | 0 | 0 | 0 | 0 | 42 | 20.6 | 4 | 20.8 | 10.4 | 10.1 | 42.8113 | -78.8528 |
| 9/28/2016 8:51 | 12.71 | 73.51 | 0 | 0 | 0 | 0 | 0 | 0 | 42 | 7.8 | 1.177 | 20.7 | 10.4 | 9.21 | 42.8113 | -78.8529 |
| 9/28/2016 8:50 | 12.7 | 68.99 | 0 | 0 | 0 | 0 | 0 | 0 | 42 | 20.5 | 4 | 20.7 | 10.4 | 9.51 | 42.8113 | -78.8529 |
| 9/28/2016 8:49 | 12.71 | 67.31 | 0 | 0 | 0 | 0 | 0 | 0 | 43 | 9.1 | 3.567 | 20.7 | 10.3 | 8.89 | 42.8113 | -78.8528 |
| 9/28/2016 8:48 | 12.7 | 70.28 | 0 | 0 | 0 | 0 | 0 | 0 | 42 | 8.5 | 1.376 | 20.7 | 10.3 | 8.79 | 42.8113 | -78.8528 |
| 9/28/2016 8:47 | 12.71 | 66.8 | 0 | 0 | 0 | 0 | 0 | 0 | 41 | 12.7 | 4 | 20.7 | 10.3 | 9.29 | 42.8113 | -78.8528 |
| 9/28/2016 8:46 | 12.7 | 75.06 | 0 | 0 | 0 | 0 | 0 | 0 | 42 | 9.8 | 1.287 | 20.6 | 10.3 | 9.28 | 42.8113 | -78.8528 |
| 9/28/2016 8:45 | 12.71 | 67.96 | 0 | 0 | 0 | 0 | 0 | 0 | 42 | 6.1 | 1.349 | 20.7 | 10.3 | 9.45 | 42.8113 | -78.8528 |
| 9/28/2016 8:44 | 12.71 | 65.25 | 0 | 0 | 0 | 0 | 0 | 0 | 43 | 6.7 | 0.803 | 20.6 | 10.4 | 9.67 | 42.8113 | -78.8528 |
| 9/28/2016 8:43 | 12.71 | 69.25 | 0 | 0 | 0 | 0 | 0 | 0 | 41 | 9.1 | 1.913 | 20.7 | 10.4 | 10.09 | 42.8113 | -78.8528 |

| Timestamp (GMT-4) | Batt. Voltage (V) | Current (mA) | Low (ppm) | Peak (ppm) | STEL (ppm) | TWA (ppm) | VOC (ppm) | VOC (Avg15) (ppm) | Humidity (%) | Mass (µg/m³) | Particle size (µm) | Temperature (°C) | TWA (µg/m³) | Mass (Avg15) (µg/m³) | Latitude | Longitude |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 9/28/2016 8:42 | 12.71 | 68.48 | 0 | 0 | 0 | 0 | 0 | 0 | 42 | 6.2 | 0.688 | 20.6 | 10.3 | 10.1 | 42.8113 | -78.8528 |
| 9/28/2016 8:41 | 12.71 | 68.6 | 0 | 0 | 0 | 0 | 0 | 0 | 42 | 6.9 | 1.573 | 20.6 | 10.4 | 10.64 | 42.8113 | -78.8529 |
| 9/28/2016 8:40 | 12.69 | 88.5 | 0 | 0 | 0 | 0 | 0 | 0 | 42 | 9.9 | 4 | 20.5 | 10.4 | 10.77 | 42.8113 | -78.8529 |
| 9/28/2016 8:39 | 12.71 | 68.86 | 0 | 0 | 0 | 0 | 0 | 0 | 42 | 8.2 | 1.453 | 20.6 | 10.4 | 10.69 | 42.8113 | -78.8529 |
| 9/28/2016 8:38 | 12.7 | 83.72 | 0 | 0 | 0 | 0 | 0 | 0 | 42 | 9.4 | 0.962 | 20.5 | 10.5 | 11.25 | 42.8113 | -78.8528 |
| 9/28/2016 8:37 | 12.71 | 67.57 | 0 | 0 | 0 | 0 | 0 | 0 | 43 | 7.3 | 1.233 | 20.5 | 10.5 | 11.23 | 42.8113 | -78.8528 |
| 9/28/2016 8:36 | 12.72 | 67.7 | 0 | 0 | 0 | 0 | 0 | 0 | 43 | 12.2 | 4 | 20.6 | 10.5 | 11.51 | 42.8113 | -78.8529 |
| 9/28/2016 8:35 | 12.72 | 68.99 | 0 | 0 | 0 | 0 | 0 | 0 | 42 | 11.2 | 4 | 20.5 | 10.5 | 12.02 | 42.8113 | -78.8528 |
| 9/28/2016 8:34 | 12.71 | 69.25 | 0 | 0 | 0 | 0 | 0 | 0 | 42 | 7.7 | 0.865 | 20.5 | 10.5 | 12.15 | 42.8113 | -78.8528 |
| 9/28/2016 8:33 | 12.7 | 70.41 | 0 | 0 | 0 | 0 | 0 | 0 | 43 | 15.9 | 2.907 | 20.5 | 10.5 | 12.19 | 42.8113 | -78.8528 |
| 9/28/2016 8:32 | 12.72 | 67.7 | 0 | 0 | 0 | 0 | 0 | 0 | 42 | 12.6 | 4 | 20.4 | 10.4 | 11.61 | 42.8113 | -78.8529 |
| 9/28/2016 8:31 | 12.72 | 70.67 | 0 | 0 | 0 | 0 | 0 | 0 | 43 | 12.4 | 4 | 20.4 | 10.4 | 11.22 | 42.8113 | -78.8529 |
| 9/28/2016 8:30 | 12.72 | 69.38 | 0 | 0 | 0 | 0 | 0 | 0 | 42 | 9.4 | 0.89 | 20.4 | 10.4 | 10.91 | 42.8113 | -78.8528 |
| 9/28/2016 8:29 | 12.7 | 75.32 | 0 | 0 | 0 | 0 | 0 | 0 | 42 | 13 | 4 | 20.4 | 10.4 | 10.95 | 42.8113 | -78.8528 |
| 9/28/2016 8:28 | 12.72 | 69.12 | 0 | 0 | 0 | 0 | 0 | 0 | 42 | 9.2 | 4 | 20.3 | 10.4 | 11.71 | 42.8113 | -78.8529 |
| 9/28/2016 8:27 | 12.72 | 69.25 | 0 | 0 | 0 | 0 | 0 | 0 | 42 | 14.3 | 4 | 20.4 | 10.4 | 11.59 | 42.8113 | -78.8528 |
| 9/28/2016 8:26 | 12.7 | 72.61 | 0 | 0 | 0 | 0 | 0 | 0 | 43 | 8.9 | 4 | 20.3 | 10.4 | 11.13 | 42.8113 | -78.8528 |
| 9/28/2016 8:25 | 12.72 | 66.41 | 0 | 0 | 0 | 0 | 0 | 0 | 43 | 8.6 | 4 | 20.4 | 10.4 | 10.93 | 42.8113 | -78.8528 |
| 9/28/2016 8:24 | 12.72 | 69.51 | 0 | 0 | 0 | 0 | 0 | 0 | 43 | 16.7 | 4 | 20.4 | 10.3 | 10.85 | 42.8113 | -78.8528 |
| 9/28/2016 8:23 | 12.73 | 66.54 | 0 | 0 | 0 | 0 | 0 | 0 | 43 | 9.1 | 4 | 20.4 | 10.3 | 10.13 | 42.8113 | -78.8528 |
| 9/28/2016 8:22 | 12.72 | 70.16 | 0 | 0 | 0 | 0 | 0 | 0 | 43 | 11.5 | 2.113 | 20.2 | 10.3 | 9.99 | 42.8113 | -78.8528 |
| 9/28/2016 8:21 | 12.72 | 69.9 | 0 | 0 | 0 | 0 | 0 | 0 | 42 | 19.8 | 4 | 20.3 | 10.3 | 9.75 | 42.8113 | -78.8529 |
| 9/28/2016 8:20 | 12.7 | 80.36 | 0 | 0 | 0 | 0 | 0 | 0 | 42 | 13.2 | 2.031 | 20.3 | 10.1 | 8.84 | 42.8113 | -78.8529 |
| 9/28/2016 8:19 | 12.72 | 68.48 | 0 | 0 | 0 | 0 | 0 | 0 | 43 | 8.2 | 4 | 20.3 | 10.1 | 8.29 | 42.8113 | -78.8528 |
| 9/28/2016 8:18 | 12.72 | 67.96 | 0 | 0 | 0 | 0 | 0 | 0 | 42 | 7.2 | 0.746 | 20.3 | 10.2 | 8.17 | 42.8113 | -78.8528 |
| 9/28/2016 8:17 | 12.72 | 68.6 | 0 | 0 | 0 | 0 | 0 | 0 | 43 | 6.8 | 1.035 | 20.3 | 10.2 | 8.09 | 42.8113 | -78.8528 |
| 9/28/2016 8:16 | 12.72 | 69.9 | 0 | 0 | 0 | 0 | 0 | 0 | 43 | 7.7 | 3.161 | 20.3 | 10.3 | 8.07 | 42.8113 | -78.8528 |
| 9/28/2016 8:15 | 12.73 | 69.64 | 0 | 0 | 0 | 0 | 0 | 0 | 42 | 10.1 | 3.016 | 20.3 | 10.3 | 7.89 | 42.8113 | -78.8528 |
| 9/28/2016 8:14 | 12.71 | 73 | 0 | 0 | 0 | 0 | 0 | 0 | 42 | 24.3 | 4 | 20.3 | 10.3 | 7.68 | 42.8113 | -78.8528 |
| 9/28/2016 8:13 | 12.72 | 69.38 | 0 | 0 | 0 | 0 | 0 | 0 | 42 | 7.4 | 0.909 | 20.3 | 10.2 | 6.62 | 42.8113 | -78.8528 |
| 9/28/2016 8:12 | 12.72 | 70.03 | 0 | 0 | 0 | 0 | 0 | 0 | 42 | 7.4 | 1.37 | 20.4 | 10.3 | 6.68 | 42.8113 | -78.8528 |
| 9/28/2016 8:11 | 12.72 | 67.57 | 0 | 0 | 0 | 0 | 0 | 0 | 42 | 5.9 | 0.867 | 20.3 | 10.4 | 7.06 | 42.8113 | -78.8529 |
| 9/28/2016 8:10 | 12.73 | 65.37 | 0 | 0 | 0 | 0 | 0 | 0 | 42 | 7.4 | 1.237 | 20.3 | 10.5 | 7.48 | 42.8113 | -78.8529 |
| 9/28/2016 8:09 | 12.72 | 74.42 | 0 | 0 | 0 | 0 | 0 | 0 | 42 | 5.9 | 0.824 | 20.3 | 10.5 | 7.57 | 42.8113 | -78.8529 |
| 9/28/2016 8:08 | 12.72 | 74.16 | 0 | 0 | 0 | 0 | 0 | 0 | 42 | 7.1 | 1.102 | 20.3 | 10.6 | 8.05 | 42.8113 | -78.8529 |
| 9/28/2016 8:07 | 12.72 | 74.94 | 0 | 0 | 0 | 0 | 0 | 0 | 42 | 7.9 | 1.413 | 20.3 | 10.7 | 8.23 | 42.8113 | -78.8528 |
| 9/28/2016 8:06 | 12.73 | 66.8 | 0 | 0 | 0 | 0 | 0 | 0 | 43 | 6.1 | 1.165 | 20.4 | 10.8 | 8.43 | 42.8113 | -78.8529 |
| 9/28/2016 8:05 | 12.72 | 67.05 | 0 | 0 | 0 | 0 | 0 | 0 | 42 | 4.9 | 0.724 | 20.3 | 10.9 | 8.69 | 42.8113 | -78.8529 |
| 9/28/2016 8:04 | 12.73 | 69.9 | 0 | 0 | 0 | 0 | 0 | 0 | 41 | 6.4 | 0.988 | 20.5 | 11 | 9.07 | 42.8113 | -78.8528 |
| 9/28/2016 8:03 | 12.72 | 71.71 | 0 | 0 | 0 | 0 | 0 | 0 | 42 | 6.1 | 0.675 | 20.3 | 11.1 | 9.34 | 42.8113 | -78.8529 |
| 9/28/2016 8:02 | 12.73 | 68.09 | 0 | 0 | 0 | 0 | 0 | 0 | 41 | 6.4 | 0.706 | 20.3 | 11.2 | 10.57 | 42.8113 | -78.8528 |
| 9/28/2016 8:01 | 12.72 | 71.32 | 0 | 0 | 0 | 0 | 0 | 0 | 42 | 5 | 0.633 | 20.3 | 11.3 | 11.03 | 42.8113 | -78.8528 |
| 9/28/2016 8:00 | 12.73 | 70.8 | 0 | 0 | 0 | 0 | 0 | 0 | 42 | 7 | 0.634 | 20.4 | 11.4 | 12.33 | 42.8113 | -78.8528 |
| 9/28/2016 7:59 | 12.74 | 66.15 | 0 | 0 | 0 | 0 | 0 | 0 | 41 | 8.4 | 1.438 | 20.3 | 11.5 | 13.06 | 42.8113 | -78.8528 |
| 9/28/2016 7:58 | 12.72 | 73.39 | 0 | 0 | 0 | 0 | 0 | 0 | 42 | 8.3 | 0.957 | 20.5 | 11.6 | 13.29 | 42.8113 | -78.8528 |
| 9/28/2016 7:57 | 12.73 | 67.18 | 0 | 0 | 0 | 0 | 0 | 0 | 41 | 13.1 | 4 | 20.5 | 11.6 | 13.3 | 42.8113 | -78.8528 |

| Timestamp (GMT-4) | Batt. Voltage (V) | Current (mA) | Low (ppm) | Peak (ppm) | STEL (ppm) | TWA (ppm) | VOC (ppm) | VOC (Avg15) (ppm) | Humidity (%) | Mass (µg/m³) | Particle size (µm) | Temperature (℃) | TWA (µg/m³) | Mass (Avg15) (µg/m³) | Latitude | Longitude |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 9/28/2016 7:56 | 12.72 | 70.8 | 0 | 0 | 0 | 0 | 0 | 0 | 41 | 12.2 | 4 | 20.4 | 11.6 | 13.07 | 42.8113 | -78.8528 |
| 9/28/2016 7:55 | 12.73 | 70.67 | 0 | 0 | 0 | 0 | 0 | 0 | 42 | 8.7 | 3.234 | 20.5 | 11.6 | 12.84 | 42.8113 | -78.8528 |
| 9/28/2016 7:54 | 12.72 | 81.91 | 0 | 0 | 0 | 0 | 0 | 0 | 41 | 13.2 | 4 | 20.5 | 11.7 | 12.79 | 42.8113 | -78.8528 |
| 9/28/2016 7:53 | 12.73 | 69.9 | 0 | 0 | 0 | 0 | 0 | 0 | 41 | 9.8 | 1.904 | 20.5 | 11.7 | 12.49 | 42.8113 | -78.8528 |
| 9/28/2016 7:52 | 12.73 | 69.64 | 0 | 0 | 0 | 0 | 0 | 0 | 41 | 10.9 | 4 | 20.5 | 11.8 | 12.54 | 42.8113 | -78.8528 |
| 9/28/2016 7:51 | 12.73 | 67.44 | 0 | 0 | 0 | 0 | 0 | 0 | 41 | 10 | 1.878 | 20.5 | 11.8 | 12.35 | 42.8113 | -78.8529 |
| 9/28/2016 7:50 | 12.74 | 68.22 | 0 | 0 | 0 | 0 | 0 | 0 | 41 | 10.6 | 4 | 20.5 | 11.9 | 12.29 | 42.8113 | -78.8529 |
| 9/28/2016 7:49 | 12.73 | 70.41 | 0 | 0 | 0 | 0 | 0 | 0 | 42 | 10.4 | 2.629 | 20.4 | 12 | 12.04 | 42.8113 | -78.8529 |
| 9/28/2016 7:48 | 12.73 | 69.25 | 0 | 0 | 0 | 0 | 0 | 0 | 41 | 24.6 | 4 | 20.5 | 11.8 | 11.85 | 42.8113 | -78.8529 |
| 9/28/2016 7:47 | 12.73 | 71.06 | 0 | 0 | 0 | 0 | 0 | 0 | 42 | 13.2 | 4 | 20.5 | 11.6 | 10.8 | 42.8113 | -78.8529 |
| 9/28/2016 7:46 | 12.72 | 81.65 | 0 | 0 | 0 | 0 | 0 | 0 | 41 | 24.5 | 4 | 20.5 | 11.4 | 10.64 | 42.8113 | -78.8529 |
| 9/28/2016 7:45 | 12.73 | 72.09 | 0 | 0 | 0 | 0 | 0 | 0 | 40 | 18 | 4 | 20.6 | 10 | 10.27 | 42.8113 | -78.8529 |
| 9/28/2016 7:44 | 12.72 | 85.79 | 0 | 0 | 0 | 0 | 0 | 0 | 41 | 11.8 | 1.491 | 20.5 | 9.8 | 9.63 | 42.8113 | -78.8529 |
| 9/28/2016 7:43 | 12.73 | 69.9 | 0 | 0 | 0 | 0 | 0 | 0 | 41 | 8.5 | 1.429 | 20.6 | 9.8 | 9.33 | 42.8113 | -78.8529 |
| 9/28/2016 7:42 | 12.74 | 68.6 | 0 | 0 | 0 | 0 | 0 | 0 | 41 | 9.7 | 1.343 | 20.6 | 9.8 | 9.23 | 42.8113 | -78.8529 |
| 9/28/2016 7:41 | 12.74 | 67.57 | 0 | 0 | 0 | 0 | 0 | 0 | 41 | 8.7 | 0.913 | 20.6 | 9.8 | 9.16 | 42.8113 | -78.8529 |
| 9/28/2016 7:40 | 12.74 | 67.31 | 0 | 0 | 0 | 0 | 0 | 0 | 41 | 8 | 0.68 | 20.7 | 9.8 | 9.03 | 42.8113 | -78.8529 |
| 9/28/2016 7:39 | 12.74 | 64.86 | 0 | 0 | 0 | 0 | 0 | 0 | 40 | 8.7 | 1.259 | 20.6 | 9.9 | 9.02 | 42.8113 | -78.8529 |
| 9/28/2016 7:38 | 12.73 | 69.38 | 0 | 0 | 0 | 0 | 0 | 0 | 41 | 10.5 | 4 | 20.6 | 9.8 | 9.11 | 42.8113 | -78.8529 |
| 9/28/2016 7:37 | 12.74 | 72.74 | 0 | 0 | 0 | 0 | 0 | 0 | 40 | 8.1 | 0.771 | 20.7 | 9.8 | 9.2 | 42.8113 | -78.8529 |
| 9/28/2016 7:36 | 12.73 | 72.48 | 0 | 0 | 0 | 0 | 0 | 0 | 40 | 9.1 | 0.961 | 20.7 | 9.9 | 9.17 | 42.8113 | -78.8529 |
| 9/28/2016 7:35 | 12.74 | 70.93 | 0 | 0 | 0 | 0 | 0 | 0 | 40 | 6.8 | 0.901 | 20.7 | 9.9 | 9.05 | 42.8113 | -78.8529 |
| 9/28/2016 7:34 | 12.74 | 68.73 | 0 | 0 | 0 | 0 | 0 | 0 | 40 | 7.6 | 0.822 | 20.7 | 10 | 8.97 | 42.8113 | -78.8529 |
| 9/28/2016 7:33 | 12.74 | 69.64 | 0 | 0 | 0 | 0 | 0 | 0 | 39 | 8.8 | 0.954 | 20.7 | 10.1 | 9.07 | 42.8113 | -78.8529 |
| 9/28/2016 7:32 | 12.74 | 70.16 | 0 | 0 | 0 | 0 | 0 | 0 | 40 | 10.8 | 4 | 20.7 | 10.2 | 9.09 | 42.8113 | -78.8529 |
| 9/28/2016 7:31 | 12.74 | 72.87 | 0 | 0 | 0 | 0 | 0 | 0 | 40 | 19 | 4 | 20.7 | 9.7 | 8.95 | 42.8113 | -78.8529 |
| 9/28/2016 7:30 | 12.74 | 70.28 | 0 | 0 | 0 | 0 | 0 | 0 | 40 | 8.3 | 1.045 | 20.7 | 9.2 | 8.04 | 42.8113 | -78.8529 |
| 9/28/2016 7:29 | 12.74 | 66.93 | 0 | 0 | 0 | 0 | 0 | 0 | 40 | 7.3 | 0.761 | 20.7 | 9.3 | 8.01 | 42.8113 | -78.8529 |
| 9/28/2016 7:28 | 12.74 | 66.02 | 0 | 0 | 0 | 0 | 0 | 0 | 39 | 7 | 2.94 | 20.8 | 9.5 | 8.09 | 42.8113 | -78.8529 |
| 9/28/2016 7:27 | 12.73 | 75.19 | 0 | 0 | 0 | 0 | 0 | 0 | 40 | 8.7 | 4 | 20.8 | 9.6 | 8.22 | 42.8113 | -78.8529 |
| 9/28/2016 7:26 | 12.74 | 68.6 | 0 | 0 | 0 | 0 | 0 | 0 | 39 | 6.8 | 0.896 | 20.8 | 9.2 | 8.16 | 42.8113 | -78.8529 |
| 9/28/2016 7:25 | 12.74 | 71.58 | 0 | 0 | 0 | 0 | 0 | 0 | 39 | 7.8 | 0.594 | 20.7 | 9.6 | 8.38 | 42.8113 | -78.8529 |
| 9/28/2016 7:24 | 12.74 | 68.09 | 0 | 0 | 0 | 0 | 0 | 0 | 40 | 10 | 4 | 20.8 | 9.6 | 8.5 | 42.8113 | -78.8529 |
| 9/28/2016 7:23 | 12.74 | 67.44 | 0 | 0 | 0 | 0 | 0 | 0 | 40 | 11.9 | 4 | 20.7 | 9.4 | 8.12 | 42.8113 | -78.8529 |
| 9/28/2016 7:22 | 12.74 | 67.44 | 0 | 0 | 0 | 0 | 0 | 0 | 39 | 7.7 | 0.991 | 20.7 | 9.5 | 6.87 | 42.8113 | -78.8529 |
| 9/28/2016 7:21 | 12.74 | 68.86 | 0 | 0 | 0 | 0 | 0 | 0 | 39 | 7.3 | 2.577 | 20.7 | 10.1 | 6.45 | 42.8113 | -78.8529 |
| 9/28/2016 7:20 | 12.73 | 90.57 | 0 | 0 | 0 | 0 | 0 | 0 | 38 | 5.6 | 1.555 | 20.8 | 10.5 | 5.6 | 42.8113 | -78.8529 |

| Timestamp (GMT-4) | Batt. Voltage (V) | Current (mA) | Low (ppm) | Peak (ppm) | STEL (ppm) | TWA (ppm) | VOC (ppm) | VOC (Avg15) (ppm) | Humidity (%) | Mass (µg/m³) | Particle size (µm) | Temperature (°C) | TWA (µg/m³) | Mass (Avg15) (µg/m³) | Latitude | Longitude |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 10/3/2016 15:25 | 12.62 | 71.32 | 0 | 0.187 | 0 | 0 | 0 | 0 | 41 | 5.8 | 0.539 | 31 | 12.9 | 2.56 | 42.8113 | -78.8528 |
| 10/3/2016 15:24 | 12.63 | 68.48 | 0 | 0.187 | 0 | 0 | 0 | 0 | 40 | 2.7 | 0.492 | 31 | 12.9 | 2.34 | 42.8112 | -78.8528 |
| 10/3/2016 15:23 | 12.62 | 74.94 | 0 | 0.187 | 0 | 0 | 0 | 0 | 41 | 2.1 | 0.452 | 31 | 13 | 2.34 | 42.8113 | -78.8528 |
| 10/3/2016 15:22 | 12.63 | 73 | 0 | 0.187 | 0 | 0 | 0 | 0 | 41 | 1.6 | 0.443 | 31 | 13 | 2.39 | 42.8113 | -78.8528 |
| 10/3/2016 15:21 | 12.63 | 71.19 | 0 | 0.187 | 0 | 0 | 0 | 0 | 41 | 1.7 | 0.414 | 31 | 13 | 2.49 | 42.8113 | -78.8528 |
| 10/3/2016 15:20 | 12.61 | 78.17 | 0 | 0.187 | 0 | 0 | 0 | 0 | 41 | 2 | 0.446 | 31 | 13 | 2.55 | 42.8112 | -78.8528 |
| 10/3/2016 15:19 | 12.63 | 68.35 | 0 | 0.187 | 0 | 0 | 0 | 0 | 41 | 2.7 | 0.581 | 31 | 13 | 2.59 | 42.8113 | -78.8528 |
| 10/3/2016 15:18 | 12.63 | 75.97 | 0 | 0.187 | 0 | 0 | 0 | 0 | 41 | 2.5 | 0.748 | 31 | 13.1 | 2.58 | 42.8112 | -78.8528 |
| 10/3/2016 15:17 | 12.63 | 64.99 | 0 | 0.187 | 0 | 0 | 0 | 0 | 41 | 1.9 | 0.591 | 31 | 13.1 | 2.62 | 42.8112 | -78.8528 |
| 10/3/2016 15:16 | 12.63 | 67.96 | 0 | 0.187 | 0 | 0 | 0 | 0 | 42 | 2.5 | 0.442 | 30.9 | 13.1 | 2.82 | 42.8113 | -78.8528 |
| 10/3/2016 15:15 | 12.63 | 70.16 | 0 | 0.187 | 0 | 0 | 0 | 0 | 42 | 2.9 | 0.497 | 31 | 13.1 | 4.35 | 42.8113 | -78.8528 |
| 10/3/2016 15:13 | 12.63 | 75.32 | 0 | 0.187 | 0 | 0 | 0 | 0 | 42 | 2.4 | 0.522 | 31 | 13.2 | 4.19 | 42.8113 | -78.8528 |
| 10/3/2016 15:12 | 12.63 | 76.49 | 0 | 0.187 | 0 | 0 | 0 | 0 | 41 | 2.8 | 0.462 | 31 | 13.2 | 4.16 | 42.8113 | -78.8528 |
| 10/3/2016 15:11 | 12.63 | 80.49 | 0 | 0.187 | 0 | 0 | 0 | 0 | 41 | 2.3 | 0.486 | 31 | 13.2 | 4.26 | 42.8112 | -78.8528 |
| 10/3/2016 15:10 | 12.63 | 67.05 | | | | | | | 42 | 2.6 | 0.452 | 31 | 13.2 | 4.25 | 42.8113 | -78.8528 |
| 10/3/2016 15:09 | 12.63 | 65.89 | 0 | 0.187 | 0 | 0 | 0 | 0 | 40 | 2.7 | 0.441 | 31 | 13.3 | 4.28 | 42.8113 | -78.8528 |
| 10/3/2016 15:08 | 12.64 | 66.67 | 0 | 0.187 | 0 | 0 | 0 | 0 | 41 | 2.9 | 0.526 | 31 | 13.3 | 4.24 | 42.8113 | -78.8528 |
| 10/3/2016 15:07 | 12.61 | 82.17 | 0 | 0.187 | 0 | 0 | 0 | 0 | 41 | 3 | 0.523 | 31 | 13.3 | 4.21 | 42.8113 | -78.8528 |
| 10/3/2016 15:06 | 12.63 | 70.93 | 0 | 0.187 | 0 | 0 | 0 | 0 | 42 | 2.5 | 0.408 | 31 | 13.3 | 4.16 | 42.8113 | -78.8528 |
| 10/3/2016 15:05 | 12.63 | 68.99 | 0 | 0.187 | 0 | 0 | 0 | 0 | 41 | 2.5 | 0.436 | 31 | 13.4 | 4.18 | 42.8113 | -78.8528 |
| 10/3/2016 15:04 | | | 0 | 0.187 | 0 | 0 | 0 | 0 | | | | | | | | |
| 10/3/2016 15:03 | 12.64 | 54.26 | 0 | 0.187 | 0 | 0 | 0 | 0 | 41 | 3 | 0.852 | 31 | 13.4 | 4.05 | | |
| 10/3/2016 15:02 | 12.65 | 53.23 | 0 | 0.187 | 0 | 0 | 0 | 0 | 41 | 4.6 | 2.439 | 31 | 13.4 | 4.07 | | |
| 10/3/2016 15:01 | 12.64 | 57.11 | 0 | 0.187 | 0 | 0 | 0 | 0 | 41 | 22.3 | 4 | 31 | 13.4 | 3.96 | | |
| 10/3/2016 15:00 | 12.65 | 57.49 | 0 | 0.187 | 0 | 0 | 0 | 0 | 42 | 2.1 | 0.447 | 31 | 13.5 | 2.69 | | |
| 10/3/2016 14:59 | 12.64 | 55.3 | 0 | 0.187 | 0 | 0 | 0 | 0 | 41 | 2.9 | 0.507 | 30.9 | 13.5 | 2.77 | | |
| 10/3/2016 14:58 | 12.64 | 64.73 | 0 | 0.187 | 0 | 0 | 0 | 0 | 41 | 2.1 | 0.411 | 31 | 13.5 | 2.77 | 42.8113 | -78.8528 |
| 10/3/2016 14:57 | 12.63 | 69.38 | 0 | 0.187 | 0 | 0 | 0 | 0 | 41 | 4.1 | 0.433 | 31 | 13.5 | 2.8 | 42.8113 | -78.8528 |
| 10/3/2016 14:56 | 12.63 | 67.83 | 0 | 0.187 | 0 | 0 | 0 | 0 | 41 | 2.2 | 0.418 | 30.9 | 13.6 | 2.76 | 42.8113 | -78.8528 |
| 10/3/2016 14:55 | 12.64 | 67.44 | 0 | 0.187 | 0 | 0 | 0 | 0 | 41 | 3 | 0.484 | 31 | 13.6 | 2.83 | 42.8113 | -78.8528 |
| 10/3/2016 14:54 | 12.63 | 69.51 | 0 | 0.187 | 0 | 0 | 0 | 0 | 42 | 2.2 | 0.449 | 30.9 | 13.6 | 2.83 | 42.8113 | -78.8528 |
| 10/3/2016 14:53 | | | 0 | 0.187 | 0 | 0 | 0 | 0 | 41 | 2.4 | 0.393 | 31 | 13.6 | 2.95 | 42.8113 | -78.8528 |
| 10/3/2016 14:52 | 12.64 | 66.41 | 0 | 0.187 | 0 | 0 | 0 | 0 | 41 | 2.3 | 0.432 | 30.9 | 13.7 | 3.03 | 42.8112 | -78.8528 |
| 10/3/2016 14:51 | 12.64 | 66.93 | 0 | 0.187 | 0 | 0 | 0 | 0 | 41 | 2.8 | 0.437 | 30.9 | 13.7 | 3.05 | 42.8113 | -78.8528 |
| 10/3/2016 14:50 | 12.64 | 65.76 | 0 | 0.187 | 0 | 0 | 0 | 0 | 41 | 2.4 | 0.497 | 31 | 13.7 | 3.03 | 42.8113 | -78.8528 |
| 10/3/2016 14:49 | 12.64 | 69.9 | 0 | 0.187 | 0 | 0 | 0 | 0 | 42 | 2.4 | 0.41 | 30.8 | 13.7 | 3.08 | 42.8113 | -78.8528 |
| 10/3/2016 14:48 | 12.64 | 68.22 | 0 | 0.187 | 0 | 0 | 0 | 0 | 42 | 3.3 | 0.447 | 30.8 | 13.8 | 3.06 | 42.8113 | -78.8528 |
| 10/3/2016 14:47 | 12.61 | 97.93 | 0 | 0.187 | 0 | 0 | 0 | 0 | 42 | 2.9 | 0.42 | 30.8 | 13.8 | 3.1 | 42.8112 | -78.8528 |
| 10/3/2016 14:46 | 12.64 | 70.28 | 0 | 0.187 | 0 | 0 | 0 | 0 | 41 | 3.3 | 0.446 | 30.8 | 13.8 | 3.15 | 42.8112 | -78.8528 |
| 10/3/2016 14:45 | 12.64 | 69.38 | 0 | 0.187 | 0 | 0 | 0 | 0 | 42 | 3.3 | 0.494 | 30.8 | 13.8 | 3.15 | 42.8113 | -78.8528 |
| 10/3/2016 14:44 | 12.64 | 69.9 | 0 | 0.187 | 0 | 0 | 0 | 0 | 41 | 2.8 | 0.46 | 30.8 | 13.9 | 3.24 | 42.8113 | -78.8528 |
| 10/3/2016 14:43 | 12.64 | 71.83 | 0 | 0.187 | 0 | 0 | 0 | 0 | 42 | 2.6 | 0.51 | 30.7 | 13.9 | 3.22 | 42.8113 | -78.8528 |
| 10/3/2016 14:42 | 12.64 | 64.47 | 0 | 0.187 | 0 | 0 | 0 | 0 | 42 | 3.5 | 0.495 | 30.8 | 13.9 | 3.22 | 42.8113 | -78.8528 |
| 10/3/2016 14:41 | 12.61 | 96.38 | 0 | 0.187 | 0 | 0 | 0 | 0 | 42 | 3.2 | 0.477 | 30.8 | 13.9 | 3.09 | 42.8113 | -78.8528 |
| 10/3/2016 14:40 | 12.64 | 69.64 | 0 | 0.187 | 0 | 0 | 0 | 0 | 42 | 3 | 0.673 | 30.8 | 14 | 3.07 | 42.8112 | -78.8528 |
| 10/3/2016 14:39 | 12.64 | 68.35 | 0 | 0.187 | 0 | 0 | 0 | 0 | 42 | 4.1 | 0.53 | 30.7 | 14 | 3.13 | 42.8113 | -78.8528 |

| Timestamp (GMT-4) | Batt. Voltage (V) | Current (mA) | Low (ppm) | Peak (ppm) | STEL (ppm) | TWA (ppm) | VOC (ppm) | VOC (Avg15) (ppm) | Humidity (%) | Mass (µg/m³) | Particle size (µm) | Temperature (°C) | TWA (µg/m³) | Mass (Avg15) (µg/m³) | Latitude | Longitude |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 10/3/2016 14:38 | 12.64 | 70.03 | 0 | 0.187 | 0 | 0 | 0 | 0 | 41 | 3.6 | 0.572 | 30.7 | 14 | 3.1 | 42.8113 | -78.8528 |
| 10/3/2016 14:37 | 12.64 | 71.45 | 0 | 0.187 | 0 | 0 | 0 | 0 | 43 | 2.5 | 0.457 | 30.7 | 14 | 3.15 | 42.8113 | -78.8528 |
| 10/3/2016 14:36 | 12.65 | 70.54 | 0 | 0.187 | 0 | 0 | 0 | 0 | 42 | 2.5 | 0.453 | 30.7 | 14 | 3.23 | 42.8113 | -78.8528 |
| 10/3/2016 14:35 | 12.64 | 67.05 | 0 | 0.187 | 0 | 0 | 0 | 0 | 42 | 3.2 | 0.47 | 30.8 | 14.1 | 3.75 | 42.8113 | -78.8528 |
| 10/3/2016 14:34 | 12.64 | 70.03 | 0 | 0.187 | 0 | 0 | 0 | 0 | 42 | 2.1 | 0.427 | 30.8 | 14.1 | 3.81 | 42.8112 | -78.8528 |
| 10/3/2016 14:33 | 12.65 | 67.44 | 0 | 0.187 | 0 | 0 | 0 | 0 | 42 | 3.9 | 0.515 | 30.7 | 14.1 | 3.91 | 42.8113 | -78.8528 |
| 10/3/2016 14:32 | 12.65 | 69.51 | 0 | 0.187 | 0 | 0 | 0 | 0 | 42 | 3.7 | 0.535 | 30.7 | 14.1 | 3.89 | 42.8113 | -78.8528 |
| 10/3/2016 14:31 | 12.65 | 69.51 | 0 | 0.187 | 0 | 0 | 0 | 0 | 42 | 3.3 | 0.578 | 30.7 | 14.2 | 3.91 | 42.8113 | -78.8528 |
| 10/3/2016 14:30 | 12.64 | 65.76 | 0 | 0.187 | 0 | 0 | 0 | 0 | 42 | 4.6 | 0.523 | 30.7 | 14.2 | 4.9 | 42.8112 | -78.8528 |
| 10/3/2016 14:29 | 12.65 | 67.44 | 0 | 0.187 | 0 | 0 | 0 | 0 | 42 | 2.5 | 0.502 | 30.6 | 14.2 | 4.83 | 42.8113 | -78.8528 |
| 10/3/2016 14:28 | 12.65 | 67.7 | 0 | 0.187 | 0 | 0 | 0 | 0 | 42 | 2.6 | 0.447 | 30.6 | 14.2 | 4.93 | 42.8113 | -78.8528 |
| 10/3/2016 14:27 | 12.65 | 66.54 | 0 | 0.187 | 0 | 0 | 0 | 0 | 43 | 1.5 | 0.455 | 30.6 | 14.3 | 6.17 | 42.8112 | -78.8528 |
| 10/3/2016 14:26 | 12.63 | 85.66 | 0 | 0.187 | 0 | 0 | 0 | 0 | 43 | 2.9 | 0.676 | 30.6 | 14.3 | 6.68 | 42.8113 | -78.8528 |
| 10/3/2016 14:25 | 12.63 | 83.59 | 0 | 0.187 | 0 | 0 | 0 | 0 | 42 | 3.9 | 0.839 | 30.6 | 14.3 | 6.85 | 42.8113 | -78.8528 |
| 10/3/2016 14:24 | 12.64 | 66.15 | 0 | 0.187 | 0 | 0 | 0 | 0 | 42 | 3.7 | 0.69 | 30.6 | 14.3 | 6.85 | 42.8113 | -78.8528 |
| 10/3/2016 14:23 | 12.65 | 67.57 | 0 | 0.187 | 0 | 0 | 0 | 0 | 42 | 4.3 | 0.786 | 30.6 | 14.4 | 6.85 | 42.8113 | -78.8528 |
| 10/3/2016 14:22 | 12.66 | 68.22 | 0 | 0.187 | 0 | 0 | 0 | 0 | 41 | 3.7 | 0.65 | 30.5 | 14.4 | 6.77 | 42.8113 | -78.8528 |
| 10/3/2016 14:21 | 12.65 | 71.45 | 0 | 0.187 | 0 | 0 | 0 | 0 | 42 | 10.4 | 4 | 30.6 | 14.4 | 7.08 | 42.8113 | -78.8528 |
| 10/3/2016 14:20 | 12.64 | 68.86 | 0 | 0.187 | 0 | 0 | 0 | 0 | 42 | 4.1 | 0.601 | 30.5 | 14.4 | 6.81 | 42.8113 | -78.8528 |
| 10/3/2016 14:19 | 12.64 | 69.64 | 0 | 0.187 | 0 | 0 | 0 | 0 | 42 | 3.5 | 0.639 | 30.6 | 14.4 | 7.1 | 42.8113 | -78.8528 |
| 10/3/2016 14:18 |  |  | 0 | 0.187 | 0 | 0 | 0 | 0 | 42 | 3.7 | 0.624 | 30.5 | 14.5 | 7.1 | 42.8113 | -78.8528 |
| 10/3/2016 14:17 | 12.66 | 65.63 | 0 | 0.187 | 0 | 0 | 0 | 0 | 43 | 4 | 0.845 | 30.4 | 14.5 | 7.01 | 42.8113 | -78.8528 |
| 10/3/2016 14:16 | 12.63 | 83.85 | 0 | 0.187 | 0 | 0 | 0 | 0 | 42 | 18.1 | 4 | 30.5 | 14.5 | 7.12 | 42.8113 | -78.8528 |
| 10/3/2016 14:15 | 12.66 | 69.64 | 0 | 0.187 | 0 | 0 | 0 | 0 | 42 | 3.5 | 1.241 | 30.5 | 14.5 | 6.65 | 42.8113 | -78.8528 |
| 10/3/2016 14:14 | 12.66 | 66.02 | 0 | 0.187 | 0 | 0 | 0 | 0 | 43 | 4 | 0.67 | 30.4 | 14.5 | 6.68 | 42.8113 | -78.8528 |
| 10/3/2016 14:13 | 12.65 | 69.38 | 0 | 0.187 | 0 | 0 | 0 | 0 | 42 | 21.2 | 4 | 30.3 | 14.5 | 6.78 | 42.8113 | -78.8528 |
| 10/3/2016 14:12 | 12.64 | 81.91 | 0 | 0.187 | 0 | 0 | 0 | 0 | 43 | 9.2 | 1.981 | 30.4 | 14.5 | 5.65 | 42.8112 | -78.8528 |
| 10/3/2016 14:11 | 12.65 | 69.51 | 0 | 0.187 | 0 | 0 | 0 | 0 | 43 | 5.4 | 0.617 | 30.3 | 14.5 | 5.32 | 42.8113 | -78.8528 |
| 10/3/2016 14:10 | 12.64 | 68.48 | 0 | 0.187 | 0 | 0 | 0 | 0 | 43 | 3.9 | 0.625 | 30.3 | 14.6 | 5.23 | 42.8113 | -78.8528 |
| 10/3/2016 14:09 | 12.66 | 67.18 | 0 | 0.187 | 0 | 0 | 0 | 0 | 43 | 3.8 | 0.571 | 30.2 | 14.6 | 5.18 | 42.8113 | -78.8528 |
| 10/3/2016 14:08 | 12.63 | 86.05 | 0 | 0.187 | 0 | 0 | 0 | 0 | 43 | 3 | 0.722 | 30.3 | 14.6 | 5.35 | 42.8112 | -78.8528 |
| 10/3/2016 14:07 | 12.65 | 69.9 | 0 | 0.187 | 0 | 0 | 0 | 0 | 43 | 8.4 | 4 | 30.2 | 14.6 | 5.42 | 42.8113 | -78.8528 |
| 10/3/2016 14:06 | 12.65 | 70.41 | 0 | 0.187 | 0 | 0 | 0 | 0 | 43 | 6.4 | 1.797 | 30.2 | 14.6 | 5.09 | 42.8113 | -78.8528 |
| 10/3/2016 14:05 | 12.66 | 69.51 | 0 | 0.187 | 0 | 0 | 0 | 0 | 43 | 8.4 | 1.373 | 30.1 | 14.7 | 4.89 | 42.8113 | -78.8528 |
| 10/3/2016 14:04 | 12.64 | 83.85 | 0 | 0.187 | 0 | 0 | 0 | 0 | 42 | 3.5 | 0.54 | 30.1 | 14.7 | 4.53 | 42.8112 | -78.8528 |
| 10/3/2016 14:03 | 12.66 | 66.8 | 0 | 0.187 | 0 | 0 | 0 | 0 | 43 | 2.3 | 0.525 | 30.2 | 14.7 | 4.64 | 42.8113 | -78.8528 |
| 10/3/2016 14:02 | 12.65 | 67.18 | 0 | 0.187 | 0 | 0 | 0 | 0 | 43 | 5.7 | 0.684 | 30.1 | 14.8 | 4.94 | 42.8113 | -78.8528 |
| 10/3/2016 14:01 | 12.64 | 73.39 | 0 | 0.187 | 0 | 0 | 0 | 0 | 44 | 11 | 4 | 30.1 | 14.8 | 4.79 | 42.8113 | -78.8528 |
| 10/3/2016 14:00 | 12.65 | 67.83 | 0 | 0.187 | 0 | 0 | 0 | 0 | 45 | 4 | 0.592 | 30.1 | 14.8 | 4.36 | 42.8113 | -78.8528 |
| 10/3/2016 13:59 | 12.65 | 65.37 | 0 | 0.187 | 0 | 0 | 0 | 0 | 43 | 5.5 | 1.465 | 30 | 14.8 | 4.31 | 42.8113 | -78.8528 |
| 10/3/2016 13:58 | 12.66 | 69.9 | 0 | 0.187 | 0 | 0 | 0 | 0 | 44 | 4.2 | 0.556 | 30 | 14.8 | 4.87 | 42.8113 | -78.8528 |
| 10/3/2016 13:57 | 12.65 | 68.99 | 0 | 0.187 | 0 | 0 | 0 | 0 | 44 | 4.3 | 0.558 | 30 | 14.9 | 4.81 | 42.8113 | -78.8528 |
| 10/3/2016 13:56 | 12.66 | 71.96 | 0 | 0.187 | 0 | 0 | 0 | 0 | 45 | 4.1 | 0.655 | 29.9 | 14.9 | 4.84 | 42.8113 | -78.8528 |
| 10/3/2016 13:55 | 12.66 | 68.22 | 0 | 0.187 | 0 | 0 | 0 | 0 | 44 | 3.1 | 0.583 | 30 | 14.9 | 4.81 | 42.8113 | -78.8528 |
| 10/3/2016 13:54 | 12.66 | 64.73 | 0 | 0.187 | 0 | 0 | 0 | 0 | 43 | 6.3 | 0.846 | 29.8 | 14.9 | 4.89 | 42.8113 | -78.8528 |
| 10/3/2016 13:53 | 12.64 | 71.32 | 0 | 0.187 | 0 | 0 | 0 | 0 | 44 | 4.1 | 0.516 | 29.8 | 15 | 4.67 | 42.8113 | -78.8528 |

| Timestamp (GMT-4) | Batt. Voltage (V) | Current (mA) | Low (ppm) | Peak (ppm) | STEL (ppm) | TWA (ppm) | VOC (ppm) | VOC (Avg15) (ppm) | Humidity (%) | Mass (µg/m³) | Particle size (µm) | Temperature (℃) | TWA (µg/m³) | Mass (Avg15) (µg/m³) | Latitude | Longitude |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 10/3/2016 13:52 | 12.65 | 71.83 | 0 | 0.187 | 0 | 0 | 0 | 0 | 44 | 3.4 | 0.443 | 29.7 | 15 | 4.61 | 42.8113 | -78.8528 |
| 10/3/2016 13:51 | 12.64 | 77.39 | 0 | 0.187 | 0 | 0 | 0 | 0 | 44 | 3.5 | 0.514 | 29.8 | 15 | 4.56 | 42.8113 | -78.8528 |
| 10/3/2016 13:50 | 12.65 | 71.58 | 0 | 0.187 | 0 | 0 | 0 | 0 | 44 | 3 | 0.506 | 29.7 | 15.1 | 4.68 | 42.8113 | -78.8528 |
| 10/3/2016 13:49 | 12.65 | 66.28 | 0 | 0.187 | 0 | 0 | 0 | 0 | 45 | 5.1 | 0.642 | 29.8 | 15.1 | 4.67 | 42.8113 | -78.8529 |
| 10/3/2016 13:48 | 12.66 | 67.57 | 0 | 0.187 | 0 | 0 | 0 | 0 | 44 | 6.8 | 1.179 | 29.7 | 15.1 | 4.53 | 42.8113 | -78.8528 |
| 10/3/2016 13:47 | 12.64 | 73 | 0 | 0.187 | 0 | 0 | 0 | 0 | 45 | 3.4 | 0.405 | 29.7 | 15.1 | 4.36 | 42.8113 | -78.8528 |
| 10/3/2016 13:46 | 12.65 | 67.44 | 0 | 0.187 | 0 | 0 | 0 | 0 | 44 | 4.6 | 0.435 | 29.7 | 15.1 | 4.44 | 42.8113 | -78.8528 |
| 10/3/2016 13:45 | 12.64 | 86.05 | 0 | 0.187 | 0 | 0 | 0 | 0 | 44 | 3.2 | 0.665 | 29.7 | 15.2 | 4.29 | 42.8113 | -78.8528 |
| 10/3/2016 13:44 | 12.65 | 74.55 | 0 | 0.187 | 0 | 0 | 0 | 0 | 44 | 14 | 4 | 29.6 | 15.2 | 4.23 | 42.8113 | -78.8528 |
| 10/3/2016 13:43 | 12.65 | 72.22 | 0 | 0.187 | 0 | 0 | 0 | 0 | 45 | 3.3 | 0.497 | 29.6 | 15.2 | 3.73 | 42.8113 | -78.8528 |
| 10/3/2016 13:42 | 12.65 | 70.41 | 0 | 0.187 | 0 | 0 | 0 | 0 | 44 | 4.7 | 0.626 | 29.6 | 15.2 | 3.65 | 42.8113 | -78.8528 |
| 10/3/2016 13:41 | 12.66 | 69.12 | 0 | 0.187 | 0 | 0 | 0 | 0 | 44 | 3.7 | 0.511 | 29.5 | 15.3 | 3.46 | 42.8113 | -78.8528 |
| 10/3/2016 13:40 | 12.64 | 86.31 | 0 | 0.187 | 0 | 0 | 0 | 0 | 45 | 4.2 | 0.735 | 29.5 | 15.3 | 4.56 | 42.8113 | -78.8528 |
| 10/3/2016 13:39 | 12.65 | 68.35 | 0 | 0.187 | 0 | 0 | 0 | 0 | 45 | 3.1 | 0.6 | 29.5 | 15.3 | 4.5 | | |
| 10/3/2016 13:38 | 12.66 | 69.51 | 0 | 0.187 | 0 | 0 | 0 | 0 | 44 | 3.1 | 0.63 | 29.5 | 15.4 | 4.73 | 42.8113 | -78.8528 |
| 10/3/2016 13:37 | 12.64 | 79.33 | 0 | 0.187 | 0 | 0 | 0 | 0 | 44 | 2.7 | 0.523 | 29.3 | 15.4 | 4.65 | 42.8113 | -78.8528 |
| 10/3/2016 13:36 | 12.66 | 68.22 | 0 | 0.187 | 0 | 0 | 0 | 0 | 45 | 5.3 | 0.794 | 29.3 | 15.4 | 4.55 | 42.8113 | -78.8528 |
| 10/3/2016 13:35 | 12.66 | 69.51 | 0 | 0.187 | 0 | 0 | 0 | 0 | 45 | 2.8 | 0.606 | 29.2 | 15.5 | 4.42 | 42.8113 | -78.8528 |
| 10/3/2016 13:34 | 12.66 | 66.67 | 0 | 0.187 | 0 | 0 | 0 | 0 | 44 | 3 | 0.68 | 29.3 | 15.5 | 4.37 | 42.8113 | -78.8528 |
| 10/3/2016 13:32 | | | 0 | 0.187 | 0 | 0 | 0 | 0 | | | | | | | 42.8113 | -78.8528 |
| 10/3/2016 13:31 | 12.66 | 67.18 | 0 | 0.187 | 0 | 0 | 0 | 0 | 45 | 2.7 | 0.507 | 29 | 15.6 | 3.97 | 42.8113 | -78.8528 |
| 10/3/2016 13:30 | 12.65 | 70.03 | 0 | 0.187 | 0 | 0 | 0 | 0 | 45 | 2.4 | 0.478 | 29 | 15.6 | 3.93 | 42.8113 | -78.8528 |
| 10/3/2016 13:29 | 12.64 | 76.87 | 0 | 0.187 | 0 | 0 | 0 | 0 | 46 | 7.5 | 0.977 | 29 | 15.6 | 3.98 | 42.8113 | -78.8528 |
| 10/3/2016 13:28 | 12.63 | 95.61 | 0 | 0.187 | 0 | 0 | 0 | 0 | 46 | 2.3 | 0.521 | 28.9 | 15.7 | 3.71 | 42.8113 | -78.8528 |
| 10/3/2016 13:27 | 12.66 | 71.19 | 0 | 0.187 | 0 | 0 | 0 | 0 | 45 | 2.2 | 0.646 | 29 | 15.7 | 3.87 | 42.8113 | -78.8528 |
| 10/3/2016 13:26 | 12.65 | 70.03 | 0 | 0.187 | 0 | 0 | 0 | 0 | 46 | 18 | 4 | 28.8 | 15.7 | 3.86 | 42.8113 | -78.8528 |
| 10/3/2016 13:25 | 12.66 | 68.48 | 0 | 0.187 | 0 | 0 | 0 | 0 | 46 | 3.4 | 0.713 | 28.8 | 15.8 | 2.94 | 42.8113 | -78.8528 |
| 10/3/2016 13:24 | 12.66 | 66.67 | 0 | 0.187 | 0 | 0 | 0 | 0 | 46 | 6.1 | 2.487 | 28.8 | 15.8 | 3.16 | 42.8113 | -78.8528 |
| 10/3/2016 13:23 | 12.66 | 70.03 | 0 | 0.187 | 0 | 0 | 0 | 0 | 46 | 2 | 0.402 | 28.7 | 15.8 | 3.21 | 42.8113 | -78.8528 |
| 10/3/2016 13:22 | 12.66 | 71.58 | 0 | 0.187 | 0 | 0 | 0 | 0 | 46 | 1.5 | 0.424 | 28.7 | 15.8 | 3.28 | 42.8113 | -78.8528 |
| 10/3/2016 13:21 | 12.66 | 71.06 | 0 | 0.187 | 0 | 0 | 0 | 0 | 47 | 3.5 | 0.542 | 28.7 | 15.9 | 3.37 | 42.8112 | -78.8528 |
| 10/3/2016 13:20 | 12.66 | 72.09 | 0 | 0.187 | 0 | 0 | 0 | 0 | 46 | 2.2 | 0.46 | 28.6 | 15.9 | 3.58 | 42.8112 | -78.8528 |
| 10/3/2016 13:19 | 12.63 | 92.25 | 0 | 0.187 | 0 | 0 | 0 | 0 | 47 | 1.6 | 0.419 | 28.5 | 15.9 | 3.55 | 42.8113 | -78.8528 |
| 10/3/2016 13:18 | 12.65 | 67.44 | 0 | 0.187 | 0 | 0 | 0 | 0 | 47 | 1.3 | 0.337 | 28.6 | 16 | 3.71 | 42.8113 | -78.8528 |
| 10/3/2016 13:17 | 12.66 | 70.28 | 0 | 0.187 | 0 | 0 | 0 | 0 | 47 | 2.9 | 0.356 | 28.4 | 16 | 3.74 | 42.8113 | -78.8528 |
| 10/3/2016 13:16 | 12.66 | 67.57 | 0 | 0.187 | 0 | 0 | 0 | 0 | 47 | 2.1 | 0.408 | 28.3 | 16.1 | 3.66 | 42.8113 | -78.8528 |
| 10/3/2016 13:15 | 12.65 | 69.12 | 0 | 0.187 | 0 | 0 | 0 | 0 | 48 | 3.1 | 0.483 | 28.3 | 16.1 | 3.66 | 42.8113 | -78.8528 |
| 10/3/2016 13:14 | 12.65 | 66.67 | 0 | 0.187 | 0 | 0 | 0 | 0 | 48 | 3.4 | 0.499 | 28.3 | 16.1 | 3.53 | 42.8112 | -78.8528 |
| 10/3/2016 13:13 | 12.66 | 72.35 | 0 | 0.187 | 0 | 0 | 0 | 0 | 48 | 4.7 | 0.875 | 28.3 | 16.2 | 3.45 | 42.8112 | -78.8528 |
| 10/3/2016 13:12 | 12.66 | 68.35 | 0 | 0.187 | 0 | 0 | 0 | 0 | 47 | 2.1 | 0.523 | 28.3 | 16.2 | 3.32 | 42.8113 | -78.8528 |
| 10/3/2016 13:11 | 12.66 | 64.6 | 0 | 0.187 | 0 | 0 | 0 | 0 | 49 | 4.2 | 0.646 | 28.2 | 16.2 | 3.37 | 42.8113 | -78.8528 |
| 10/3/2016 13:10 | 12.66 | 70.28 | 0 | 0.187 | 0 | 0 | 0 | 0 | 48 | 6.7 | 1.406 | 28.1 | 16.3 | 3.31 | 42.8113 | -78.8528 |
| 10/3/2016 13:09 | 12.66 | 68.86 | 0 | 0.187 | 0 | 0 | 0 | 0 | 47 | 6.9 | 1.587 | 28.1 | 16.3 | 3.09 | 42.8113 | -78.8528 |
| 10/3/2016 13:08 | 12.66 | 72.09 | 0 | 0.187 | 0 | 0 | 0 | 0 | 48 | 3 | 0.594 | 28.1 | 16.3 | 2.88 | 42.8113 | -78.8528 |
| 10/3/2016 13:07 | 12.65 | 68.6 | 0 | 0.187 | 0 | 0 | 0 | 0 | 48 | 2.8 | 0.662 | 28 | 16.4 | 2.93 | 42.8113 | -78.8528 |
| 10/3/2016 13:06 | 12.66 | 66.54 | 0 | 0.187 | 0 | 0 | 0 | 0 | 48 | 6.7 | 4 | 27.9 | 16.4 | 2.89 | 42.8113 | -78.8528 |

| Timestamp (GMT-4) | Batt. Voltage (V) | Current (mA) | Low (ppm) | Peak (ppm) | STEL (ppm) | TWA (ppm) | VOC (ppm) | VOC (Avg15) (ppm) | Humidity (%) | Mass (µg/m³) | Particle size (µm) | Temperature (℃) | TWA (µg/m³) | Mass (Avg15) (µg/m³) | Latitude | Longitude |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 10/3/2016 13:05 | 12.66 | 68.86 | 0 | 0.187 | 0 | 0 | 0 | 0 | 49 | 1.8 | 0.737 | 27.9 | 16.4 | 2.61 | 42.8113 | -78.8528 |
| 10/3/2016 13:04 | 12.66 | 67.96 | 0 | 0.187 | 0 | 0 | 0 | 0 | 49 | 3.9 | 1.867 | 27.8 | 16.5 | 3.35 | 42.8113 | -78.8528 |
| 10/3/2016 13:03 | 12.66 | 67.31 | 0 | 0.187 | 0 | 0 | 0 | 0 | 49 | 1.8 | 0.526 | 27.8 | 16.5 | 3.32 | 42.8113 | -78.8528 |
| 10/3/2016 13:02 | 12.66 | 63.57 | 0 | 0.187 | 0 | 0 | 0 | 0 | 50 | 1.7 | 0.419 | 27.7 | 16.5 | 3.55 | 42.8113 | -78.8528 |
| 10/3/2016 13:01 | 12.65 | 69.38 | 0 | 0.187 | 0 | 0 | 0 | 0 | 50 | 2.1 | 0.471 | 27.7 | 16.6 | 3.67 | 42.8113 | -78.8528 |
| 10/3/2016 13:00 | 12.66 | 68.6 | 0 | 0.187 | 0 | 0 | 0 | 0 | 50 | 1.1 | 0.445 | 27.5 | 16.6 | 3.69 | 42.8113 | -78.8528 |
| 10/3/2016 12:59 | 12.66 | 67.96 | 0 | 0.187 | 0 | 0 | 0 | 0 | 50 | 2.2 | 0.53 | 27.5 | 16.7 | 3.86 | 42.8113 | -78.8528 |
| 10/3/2016 12:58 | 12.66 | 70.28 | 0 | 0.187 | 0 | 0 | 0 | 0 | 50 | 2.8 | 0.552 | 27.5 | 16.7 | 3.92 | 42.8113 | -78.8528 |
| 10/3/2016 12:57 | 12.66 | 70.41 | 0 | 0.187 | 0 | 0 | 0 | 0 | 50 | 2.8 | 0.518 | 27.5 | 16.8 | 3.93 | 42.8112 | -78.8528 |
| 10/3/2016 12:56 | 12.66 | 69.25 | 0 | 0.187 | 0 | 0 | 0 | 0 | 50 | 3.3 | 0.487 | 27.4 | 16.8 | 3.92 | 42.8112 | -78.8528 |
| 10/3/2016 12:55 | 12.64 | 86.31 | 0 | 0.187 | 0 | 0 | 0 | 0 | 50 | 3.4 | 0.42 | 27.3 | 16.8 | 3.87 | 42.8112 | -78.8528 |
| 10/3/2016 12:54 | 12.66 | 69.64 | 0 | 0.187 | 0 | 0 | 0 | 0 | 50 | 3.8 | 0.562 | 27.3 | 16.9 | 3.88 | 42.8113 | -78.8528 |
| 10/3/2016 12:53 | 12.66 | 67.44 | 0 | 0.187 | 0 | 0 | 0 | 0 | 50 | 3.8 | 0.575 | 27.3 | 16.9 | 3.8 | 42.8113 | -78.8528 |
| 10/3/2016 12:52 | 12.65 | 70.28 | 0 | 0.187 | 0 | 0 | 0 | 0 | 50 | 2.2 | 0.485 | 27.2 | 16.9 | 3.77 | 42.8113 | -78.8528 |
| 10/3/2016 12:51 | 12.65 | 67.57 | 0 | 0.187 | 0 | 0 | 0 | 0 | 50 | 2.5 | 0.702 | 27.2 | 17 | 3.87 | 42.8112 | -78.8528 |
| 10/3/2016 12:50 | 12.66 | 68.99 | 0 | 0.187 | 0 | 0 | 0 | 0 | 51 | 12.8 | 4 | 27.1 | 17 | 3.92 | 42.8112 | -78.8528 |
| 10/3/2016 12:49 | 12.66 | 67.44 | 0 | 0.187 | 0 | 0 | 0 | 0 | 51 | 3.5 | 0.985 | 27 | 17.1 | 3.32 | 42.8113 | -78.8528 |
| 10/3/2016 12:48 | 12.65 | 73.51 | 0 | 0.187 | 0 | 0 | 0 | 0 | 51 | 5.2 | 0.662 | 27 | 17.1 | 3.35 | 42.8113 | -78.8528 |
| 10/3/2016 12:47 | 12.66 | 67.57 | 0 | 0.187 | 0 | 0 | 0 | 0 | 50 | 3.5 | 0.62 | 27 | 17 | 3.27 | 42.8113 | -78.8528 |
| 10/3/2016 12:46 | 12.65 | 72.48 | 0 | 0.187 | 0 | 0 | 0 | 0 | 51 | 2.5 | 0.48 | 26.8 | 17 | 3.19 | 42.8113 | -78.8528 |
| 10/3/2016 12:45 | 12.66 | 73.26 | 0 | 0.187 | 0 | 0 | 0 | 0 | 51 | 3.6 | 0.564 | 26.9 | 17.1 | 3.31 | 42.8113 | -78.8528 |
| 10/3/2016 12:44 | 12.64 | 78.42 | 0 | 0.187 | 0 | 0 | 0 | 0 | 51 | 3.1 | 0.441 | 26.8 | 17.1 | 3.39 | 42.8113 | -78.8528 |
| 10/3/2016 12:43 | 12.65 | 73.77 | 0 | 0.187 | 0 | 0 | 0 | 0 | 52 | 2.9 | 0.499 | 26.8 | 17.1 | 3.51 | 42.8112 | -78.8528 |
| 10/3/2016 12:42 | 12.66 | 67.31 | 0 | 0.187 | 0 | 0 | 0 | 0 | 52 | 2.7 | 0.439 | 26.7 | 17.2 | 3.6 | 42.8112 | -78.8528 |
| 10/3/2016 12:41 | 12.65 | 67.31 | 0 | 0.187 | 0 | 0 | 0 | 0 | 51 | 2.6 | 0.4 | 26.6 | 17.2 | 3.73 | 42.8112 | -78.8528 |
| 10/3/2016 12:40 | 12.66 | 68.22 | 0 | 0.187 | 0 | 0 | 0 | 0 | 52 | 3.5 | 0.553 | 26.6 | 17.3 | 4.01 | 42.8112 | -78.8528 |
| 10/3/2016 12:39 | 12.66 | 66.8 | 0 | 0.187 | 0 | 0 | 0 | 0 | 52 | 2.6 | 0.476 | 26.7 | 17.3 | 4.19 | 42.8113 | -78.8528 |
| 10/3/2016 12:38 | 12.66 | 67.05 | 0 | 0.187 | 0 | 0 | 0 | 0 | 52 | 3.3 | 0.475 | 26.5 | 17.4 | 4.44 | 42.8113 | -78.8528 |
| 10/3/2016 12:37 | 12.66 | 66.02 | 0 | 0.187 | 0 | 0 | 0 | 0 | 53 | 3.8 | 0.444 | 26.5 | 17.4 | 4.57 | 42.8113 | -78.8528 |
| 10/3/2016 12:36 | 12.66 | 71.58 | 0 | 0.187 | 0 | 0 | 0 | 0 | 53 | 3.2 | 0.444 | 26.5 | 17.4 | 4.73 | 42.8113 | -78.8528 |
| 10/3/2016 12:35 | 12.66 | 68.35 | 0 | 0.187 | 0 | 0 | 0 | 0 | 53 | 3.8 | 0.467 | 26.5 | 17.5 | 4.97 | 42.8112 | -78.8528 |
| 10/3/2016 12:34 | 12.63 | 101.16 | 0 | 0.187 | 0 | 0 | 0 | 0 | 53 | 3.9 | 0.467 | 26.4 | 17.5 | 5.2 | 42.8113 | -78.8528 |
| 10/3/2016 12:33 | 12.66 | 67.83 | 0 | 0.187 | 0 | 0 | 0 | 0 | 53 | 4 | 0.491 | 26.4 | 17.6 | 5.44 | 42.8112 | -78.8528 |
| 10/3/2016 12:32 | 12.66 | 70.93 | 0 | 0.187 | 0 | 0 | 0 | 0 | 53 | 2.3 | 0.434 | 26.4 | 17.6 | 5.64 | 42.8113 | -78.8528 |
| 10/3/2016 12:31 | 12.65 | 70.16 | 0 | 0.187 | 0 | 0 | 0 | 0 | 54 | 4.3 | 0.455 | 26.3 | 17.7 | 5.96 | 42.8113 | -78.8528 |
| 10/3/2016 12:30 | 12.66 | 68.09 | 0 | 0.187 | 0 | 0 | 0 | 0 | 55 | 4.8 | 0.608 | 26.3 | 17.7 | 6.21 | 42.8113 | -78.8528 |
| 10/3/2016 12:29 | 12.67 | 69.64 | 0 | 0.187 | 0 | 0 | 0 | 0 | 54 | 5 | 0.542 | 26.1 | 17.7 | 6.38 | 42.8113 | -78.8528 |
| 10/3/2016 12:28 | 12.66 | 67.18 | 0 | 0.187 | 0 | 0 | 0 | 0 | 55 | 4.2 | 0.613 | 26.3 | 17.8 | 6.53 | 42.8112 | -78.8528 |
| 10/3/2016 12:27 | 12.66 | 70.41 | 0 | 0.187 | 0 | 0 | 0 | 0 | 55 | 4.7 | 0.483 | 26.2 | 17.8 | 6.81 | 42.8113 | -78.8528 |
| 10/3/2016 12:26 | 12.65 | 71.96 | 0 | 0.187 | 0 | 0 | 0 | 0 | 55 | 6.8 | 0.795 | 26.1 | 17.9 | 7.02 | 42.8113 | -78.8528 |
| 10/3/2016 12:25 | 12.65 | 70.16 | 0 | 0.187 | 0 | 0 | 0 | 0 | 55 | 6.1 | 0.555 | 26.1 | 17.9 | 7.1 | 42.8113 | -78.8528 |
| 10/3/2016 12:24 | 12.66 | 68.09 | 0 | 0.187 | 0 | 0 | 0 | 0 | 55 | 6.4 | 0.585 | 26.1 | 17.9 | 7.28 | 42.8113 | -78.8528 |
| 10/3/2016 12:23 | 12.66 | 63.31 | 0 | 0.187 | 0 | 0 | 0 | 0 | 55 | 5.3 | 0.547 | 26 | 18 | 7.43 | 42.8113 | -78.8528 |
| 10/3/2016 12:22 | 12.66 | 71.32 | 0 | 0.187 | 0 | 0 | 0 | 0 | 54 | 6.1 | 0.696 | 25.9 | 18 | 7.5 | 42.8113 | -78.8528 |
| 10/3/2016 12:21 | 12.66 | 67.05 | 0 | 0.187 | 0 | 0 | 0 | 0 | 55 | 6.9 | 0.643 | 26 | 18.1 | 7.57 | 42.8113 | -78.8528 |
| 10/3/2016 12:20 | 12.66 | 65.12 | 0 | 0.187 | 0 | 0 | 0 | 0 | 55 | 7.2 | 0.599 | 25.9 | 18.1 | 7.48 | 42.8112 | -78.8528 |

| Timestamp (GMT-4) | Batt. Voltage (V) | Current (mA) | Low (ppm) | Peak (ppm) | STEL (ppm) | TWA (ppm) | VOC (ppm) | VOC (Avg15) (ppm) | Humidity (%) | Mass (µg/m³) | Particle size (µm) | Temperature (℃) | TWA (µg/m³) | Mass (Avg15) (µg/m³) | Latitude | Longitude |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 10/3/2016 12:19 | 12.65 | 73.77 | 0 | 0.187 | 0 | 0 | 0 | 0 | 56 | 7.5 | 0.564 | 25.8 | 18.1 | 7.49 | 42.8113 | -78.8528 |
| 10/3/2016 12:18 | 12.64 | 72.35 | 0 | 0.187 | 0 | 0 | 0 | 0 | 56 | 7 | 0.69 | 25.8 | 18.2 | 7.38 | 42.8113 | -78.8528 |
| 10/3/2016 12:17 | 12.65 | 73.51 | 0 | 0.187 | 0 | 0 | 0 | 0 | 55 | 7.1 | 0.669 | 25.7 | 18.2 | 7.32 | 42.8113 | -78.8528 |
| 10/3/2016 12:16 | 12.66 | 70.16 | 0 | 0.187 | 0 | 0 | 0 | 0 | 56 | 8.1 | 0.663 | 25.7 | 18.2 | 7.39 | 42.8113 | -78.8528 |
| 10/3/2016 12:15 | 12.66 | 66.02 | 0 | 0.187 | 0 | 0 | 0 | 0 | 56 | 7.3 | 0.634 | 25.8 | 18.3 | 7.29 | 42.8112 | -78.8528 |
| 10/3/2016 12:14 | 12.65 | 71.32 | 0 | 0.187 | 0 | 0 | 0 | 0 | 57 | 7.2 | 1.034 | 25.7 | 18.3 | 7.31 | 42.8113 | -78.8528 |
| 10/3/2016 12:13 | 12.66 | 70.54 | 0 | 0.187 | 0 | 0 | 0 | 0 | 56 | 8.5 | 0.584 | 25.6 | 18.3 | 7.57 | 42.8112 | -78.8528 |
| 10/3/2016 12:12 | 12.66 | 66.93 | 0 | 0.187 | 0 | 0 | 0 | 0 | 56 | 7.8 | 0.753 | 25.6 | 18.4 | 7.46 | 42.8112 | -78.8528 |
| 10/3/2016 12:11 | 12.66 | 69.77 | 0 | 0.187 | 0 | 0 | 0 | 0 | 56 | 8 | 0.598 | 25.6 | 18.4 | 7.47 | 42.8113 | -78.8528 |
| 10/3/2016 12:10 | 12.64 | 82.95 | 0 | 0.187 | 0 | 0 | 0 | 0 | 57 | 8.8 | 1.08 | 25.5 | 18.5 | 7.33 | 42.8113 | -78.8528 |
| 10/3/2016 12:09 | 12.66 | 68.6 | 0 | 0.187 | 0 | 0 | 0 | 0 | 57 | 8.6 | 0.699 | 25.5 | 18.5 | 7.33 | 42.8113 | -78.8528 |
| 10/3/2016 12:08 | 12.66 | 72.87 | 0 | 0.187 | 0 | 0 | 0 | 0 | 57 | 6.4 | 0.656 | 25.3 | 18.5 | 7.23 | 42.8113 | -78.8528 |
| 10/3/2016 12:07 | 12.66 | 65.76 | 0 | 0.187 | 0 | 0 | 0 | 0 | 57 | 7.1 | 0.609 | 25.3 | 18.6 | 7.35 | 42.8113 | -78.8528 |
| 10/3/2016 12:06 | 12.65 | 84.24 | 0 | 0.187 | 0 | 0 | 0 | 0 | 57 | 5.6 | 0.509 | 25.3 | 18.6 | 7.45 | 42.8113 | -78.8528 |
| 10/3/2016 12:05 | 12.67 | 68.22 | 0 | 0.187 | 0 | 0 | 0 | 0 | 58 | 7.4 | 0.631 | 25.3 | 18.7 | 7.61 | 42.8113 | -78.8528 |
| 10/3/2016 12:04 | 12.66 | 66.02 | 0 | 0.187 | 0 | 0 | 0 | 0 | 58 | 5.8 | 0.531 | 25.2 | 18.7 | 7.61 | 42.8112 | -78.8528 |
| 10/3/2016 12:03 | 12.67 | 71.19 | 0 | 0.187 | 0 | 0 | 0 | 0 | 58 | 6.1 | 0.525 | 25.1 | 18.7 | 7.33 | 42.8112 | -78.8528 |
| 10/3/2016 12:02 | 12.66 | 67.83 | 0 | 0.187 | 0 | 0 | 0 | 0 | 58 | 8.1 | 0.639 | 25.1 | 18.8 | 7.29 | 42.8112 | -78.8528 |
| 10/3/2016 12:01 | 12.66 | 68.35 | 0 | 0.187 | 0 | 0 | 0 | 0 | 58 | 6.7 | 0.779 | 25 | 18.8 | 7.03 | 42.8112 | -78.8528 |
| 10/3/2016 12:00 | 12.66 | 68.99 | 0 | 0.187 | 0 | 0 | 0 | 0 | 59 | 7.6 | 0.961 | 24.9 | 18.9 | 6.84 | 42.8113 | -78.8528 |
| 10/3/2016 11:59 | 12.66 | 71.32 | 0 | 0.187 | 0 | 0 | 0 | 0 | 60 | 11.1 | 0.834 | 24.8 | 18.9 | 6.53 | 42.8113 | -78.8528 |
| 10/3/2016 11:58 | 12.66 | 70.93 | 0 | 0.187 | 0 | 0 | 0 | 0 | 59 | 6.8 | 0.667 | 24.7 | 18.9 | 6.13 | 42.8113 | -78.8528 |
| 10/3/2016 11:57 | 12.66 | 65.5 | 0 | 0.187 | 0 | 0 | 0 | 0 | 59 | 7.9 | 0.797 | 24.7 | 19 | 6.05 | 42.8113 | -78.8528 |
| 10/3/2016 11:56 | 12.67 | 66.41 | 0 | 0.187 | 0 | 0 | 0 | 0 | 60 | 6 | 0.647 | 24.7 | 19 | 5.83 | 42.8113 | -78.8528 |
| 10/3/2016 11:55 | 12.66 | 67.96 | 0 | 0.187 | 0 | 0 | 0 | 0 | 61 | 8.8 | 0.736 | 24.5 | 19 | 5.66 | 42.8113 | -78.8528 |
| 10/3/2016 11:54 | 12.66 | 71.19 | 0 | 0.187 | 0 | 0 | 0 | 0 | 61 | 7.1 | 0.625 | 24.5 | 19.1 | 5.41 | 42.8112 | -78.8528 |
| 10/3/2016 11:53 | 12.66 | 67.05 | 0 | 0.187 | 0 | 0 | 0 | 0 | 60 | 8.2 | 0.786 | 24.3 | 19.1 | 5.36 | 42.8113 | -78.8528 |
| 10/3/2016 11:52 | 12.66 | 72.22 | 0 | 0.187 | 0 | 0 | 0 | 0 | 62 | 8.5 | 0.746 | 24.2 | 19.1 | 5.3 | 42.8113 | -78.8528 |
| 10/3/2016 11:51 | 12.66 | 70.67 | 0 | 0.187 | 0 | 0 | 0 | 0 | 60 | 8 | 0.767 | 24.2 | 19.2 | 5.21 | 42.8113 | -78.8528 |
| 10/3/2016 11:50 | 12.66 | 68.35 | 0 | 0.187 | 0 | 0 | 0 | 0 | 61 | 7.4 | 0.671 | 24.1 | 19.2 | 5.27 | 42.8113 | -78.8528 |
| 10/3/2016 11:49 | 12.66 | 70.41 | 0 | 0.187 | 0 | 0 | 0 | 0 | 60 | 1.6 | 0.388 | 24.1 | 19.3 | 5.35 | 42.8112 | -78.8528 |
| 10/3/2016 11:48 | 12.66 | 69.38 | 0 | 0.187 | 0 | 0 | 0 | 0 | 61 | 5.6 | 0.574 | 24 | 19.3 | 5.71 | 42.8113 | -78.8528 |
| 10/3/2016 11:47 | 12.66 | 69.64 | 0 | 0.187 | 0 | 0 | 0 | 0 | 60 | 4.1 | 0.461 | 23.9 | 19.4 | 5.94 | 42.8112 | -78.8528 |
| 10/3/2016 11:46 | 12.66 | 69.51 | 0 | 0.187 | 0 | 0 | 0 | 0 | 60 | 3.9 | 0.539 | 23.8 | 19.4 | 6.25 | 42.8112 | -78.8528 |
| 10/3/2016 11:45 | 12.65 | 72.09 | 0 | 0.187 | 0 | 0 | 0 | 0 | 61 | 2.9 | 0.415 | 23.7 | 19.5 | 6.59 | 42.8113 | -78.8528 |
| 10/3/2016 11:44 | 12.64 | 86.43 | 0 | 0.187 | 0 | 0 | 0 | 0 | 61 | 5.2 | 0.502 | 23.7 | 19.5 | 7.13 | 42.8113 | -78.8528 |
| 10/3/2016 11:43 | 12.66 | 69.9 | 0 | 0.187 | 0 | 0 | 0 | 0 | 61 | 5.5 | 0.606 | 23.7 | 19.6 | 7.42 | 42.8113 | -78.8528 |
| 10/3/2016 11:42 | 12.66 | 68.48 | 0 | 0.187 | 0 | 0 | 0 | 0 | 60 | 4.7 | 0.589 | 23.6 | 19.7 | 7.67 | 42.8113 | -78.8528 |
| 10/3/2016 11:41 | 12.65 | 70.8 | 0 | 0.187 | 0 | 0 | 0 | 0 | 62 | 3.4 | 0.395 | 23.6 | 19.7 | 7.8 | 42.8113 | -78.8528 |
| 10/3/2016 11:40 | 12.64 | 73.13 | 0 | 0.187 | 0 | 0 | 0 | 0 | 62 | 5.1 | 0.488 | 23.5 | 19.8 | 7.92 | 42.8113 | -78.8528 |
| 10/3/2016 11:39 | 12.65 | 69.77 | 0 | 0.187 | 0 | 0 | 0 | 0 | 61 | 6.3 | 0.608 | 23.4 | 19.8 | 8.07 | 42.8113 | -78.8528 |
| 10/3/2016 11:38 | 12.65 | 66.15 | 0 | 0.187 | 0 | 0 | 0 | 0 | 62 | 7.3 | 0.668 | 23.3 | 19.9 | 8.4 | 42.8112 | -78.8528 |
| 10/3/2016 11:37 | 12.65 | 66.54 | 0 | 0.187 | 0 | 0 | 0 | 0 | 62 | 7.1 | 0.775 | 23.2 | 19.9 | 8.51 | 42.8113 | -78.8528 |
| 10/3/2016 11:36 | 12.64 | 70.54 | 0 | 0.187 | 0 | 0 | 0 | 0 | 61 | 8.9 | 1.092 | 23.2 | 20 | 8.81 | 42.8112 | -78.8528 |
| 10/3/2016 11:35 | 12.64 | 74.16 | 0 | 0.187 | 0 | 0 | 0 | 0 | 62 | 8.7 | 1.599 | 23.2 | 20 | 8.98 | 42.8113 | -78.8528 |
| 10/3/2016 11:34 | 12.66 | 66.67 | 0 | 0.187 | 0 | 0 | 0 | 0 | 62 | 7 | 0.735 | 23.1 | 20.1 | 9.08 | 42.8113 | -78.8528 |

| Timestamp (GMT-4) | Batt. Voltage (V) | Current (mA) | Low (ppm) | Peak (ppm) | STEL (ppm) | TWA (ppm) | VOC (ppm) | VOC (Avg15) (ppm) | Humidity (%) | Mass (µg/m³) | Particle size (µm) | Temperature (°C) | TWA (µg/m³) | Mass (Avg15) (µg/m³) | Latitude | Longitude |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 10/3/2016 11:33 | 12.65 | 71.45 | 0 | 0.187 | 0 | 0 | 0 | 0 | 63 | 9 | 1.289 | 23.1 | 20.1 | 9.34 | 42.8113 | -78.8528 |
| 10/3/2016 11:32 | 12.64 | 71.58 | 0 | 0.187 | 0 | 0 | 0 | 0 | 63 | 8.8 | 0.821 | 23 | 20.2 | 9.32 | 42.8113 | -78.8528 |
| 10/3/2016 11:31 | 12.65 | 71.06 | 0 | 0.187 | 0 | 0 | 0 | 0 | 62 | 9 | 0.851 | 22.9 | 20.2 | 9.45 | 42.8113 | -78.8528 |
| 10/3/2016 11:30 | 12.64 | 75.84 | 0 | 0.187 | 0 | 0 | 0 | 0 | 63 | 11 | 1.305 | 23 | 20.3 | 9.69 | 42.8113 | -78.8528 |
| 10/3/2016 11:29 | 12.64 | 74.16 | 0 | 0.187 | 0 | 0 | 0 | 0 | 63 | 9.5 | 0.98 | 23 | 20.3 | 9.64 | 42.8113 | -78.8528 |
| 10/3/2016 11:28 | 12.64 | 75.84 | 0 | 0.187 | 0 | 0 | 0 | 0 | 62 | 9.2 | 1.074 | 22.8 | 20.3 | 9.68 | 42.8113 | -78.8528 |
| 10/3/2016 11:27 | 12.64 | 67.83 | 0 | 0.187 | 0 | 0 | 0 | 0 | 62 | 6.7 | 0.63 | 22.8 | 20.4 | 9.73 | 42.8113 | -78.8528 |
| 10/3/2016 11:26 | 12.64 | 72.74 | 0 | 0.187 | 0 | 0 | 0 | 0 | 62 | 5.2 | 0.527 | 22.7 | 20.5 | 9.99 | 42.8113 | -78.8528 |
| 10/3/2016 11:25 | 12.65 | 66.41 | 0 | 0.187 | 0 | 0 | 0 | 0 | 61 | 7.4 | 0.722 | 22.8 | 20.5 | 10.41 | 42.8113 | -78.8528 |
| 10/3/2016 11:24 | 12.64 | 76.49 | 0 | 0.187 | 0 | 0 | 0 | 0 | 62 | 11.2 | 0.813 | 22.7 | 20.5 | 10.61 | 42.8113 | -78.8528 |
| 10/3/2016 11:23 | 12.64 | 66.54 | 0 | 0.187 | 0 | 0 | 0 | 0 | 62 | 8.9 | 0.803 | 22.7 | 20.6 | 10.61 | 42.8113 | -78.8528 |
| 10/3/2016 11:22 | 12.64 | 71.71 | 0 | 0.187 | 0 | 0 | 0 | 0 | 63 | 11.6 | 0.999 | 22.7 | 20.6 | 10.81 | 42.8113 | -78.8528 |
| 10/3/2016 11:21 | 12.64 | 69.51 | 0 | 0.187 | 0 | 0 | 0 | 0 | 62 | 11.5 | 0.819 | 22.6 | 20.7 | 10.97 | 42.8113 | -78.8528 |
| 10/3/2016 11:20 | 12.65 | 69.9 | 0 | 0.187 | 0 | 0 | 0 | 0 | 62 | 10.2 | 0.849 | 22.7 | 20.7 | 11.08 | 42.8113 | -78.8528 |
| 10/3/2016 11:19 | 12.64 | 80.1 | 0 | 0.187 | 0 | 0 | 0 | 0 | 62 | 10.9 | 0.937 | 22.6 | 20.8 | 11.15 | 42.8112 | -78.8528 |
| 10/3/2016 11:18 | 12.64 | 66.54 | 0 | 0.187 | 0 | 0 | 0 | 0 | 62 | 8.7 | 0.982 | 22.6 | 20.8 | 11.19 | 42.8113 | -78.8528 |
| 10/3/2016 11:17 | 12.64 | 68.86 | 0 | 0.187 | 0 | 0 | 0 | 0 | 62 | 10.8 | 0.908 | 22.5 | 20.9 | 11.46 | 42.8113 | -78.8528 |
| 10/3/2016 11:16 | 12.65 | 72.74 | 0 | 0.187 | 0 | 0 | 0 | 0 | 63 | 12.6 | 0.91 | 22.5 | 20.9 | 11.65 | 42.8113 | -78.8528 |
| 10/3/2016 11:15 | 12.64 | 70.8 | 0 | 0.187 | 0 | 0 | 0 | 0 | 63 | 10.2 | 0.981 | 22.4 | 20.9 | 11.75 | 42.8113 | -78.8528 |
| 10/3/2016 11:14 | 12.65 | 67.44 | 0 | 0.187 | 0 | 0 | 0 | 0 | 62 | 10.1 | 0.846 | 22.5 | 21 | 12.01 | 42.8113 | -78.8528 |
| 10/3/2016 11:13 | 12.64 | 73.51 | 0 | 0.187 | 0 | 0 | 0 | 0 | 62 | 10 | 0.712 | 22.4 | 21 | 12.19 | 42.8113 | -78.8528 |
| 10/3/2016 11:12 | 12.66 | 68.48 | 0 | 0.187 | 0 | 0 | 0 | 0 | 62 | 10.6 | 0.917 | 22.5 | 21.1 | 12.42 | 42.8113 | -78.8528 |
| 10/3/2016 11:11 | 12.64 | 68.73 | 0 | 0.187 | 0 | 0 | 0 | 0 | 63 | 11.4 | 0.884 | 22.4 | 21.1 | 12.53 | 42.8113 | -78.8528 |
| 10/3/2016 11:10 | 12.65 | 68.86 | 0 | 0.187 | 0 | 0 | 0 | 0 | 63 | 10.4 | 0.982 | 22.5 | 21.2 | 12.66 | 42.8113 | -78.8528 |
| 10/3/2016 11:09 | 12.63 | 86.95 | 0 | 0.187 | 0 | 0 | 0 | 0 | 63 | 11.2 | 0.896 | 22.3 | 21.2 | 12.83 | 42.8113 | -78.8528 |
| 10/3/2016 11:08 | 12.64 | 73.26 | 0 | 0.187 | 0 | 0 | 0 | 0 | 64 | 12 | 1.008 | 22.4 | 21.2 | 12.94 | 42.8113 | -78.8528 |
| 10/3/2016 11:07 | 12.64 | 73.39 | 0 | 0.187 | 0 | 0 | 0 | 0 | 63 | 14 | 0.89 | 22.4 | 21.3 | 13.01 | 42.8113 | -78.8528 |
| 10/3/2016 11:06 | 12.65 | 64.47 | 0 | 0.187 | 0 | 0 | 0 | 0 | 63 | 13.1 | 0.974 | 22.3 | 21.3 | 13.01 | 42.8113 | -78.8528 |
| 10/3/2016 11:05 | 12.63 | 82.04 | 0 | 0.187 | 0 | 0 | 0 | 0 | 63 | 11.3 | 1.043 | 22.2 | 21.4 | 12.92 | 42.8113 | -78.8528 |
| 10/3/2016 11:04 | 12.64 | 68.48 | 0 | 0.187 | 0 | 0 | 0 | 0 | 63 | 11.4 | 0.868 | 22.3 | 21.4 | 13.21 | 42.8113 | -78.8528 |
| 10/3/2016 11:03 | 12.65 | 68.99 | 0 | 0.187 | 0 | 0 | 0 | 0 | 63 | 12.8 | 0.819 | 22.3 | 21.4 | 13.47 | 42.8113 | -78.8528 |
| 10/3/2016 11:02 | 12.65 | 68.22 | 0 | 0.187 | 0 | 0 | 0 | 0 | 63 | 13.6 | 0.875 | 22.2 | 21.5 | 13.68 | 42.8113 | -78.8528 |
| 10/3/2016 11:01 | 12.63 | 80.1 | 0 | 0.187 | 0 | 0 | 0 | 0 | 63 | 14.2 | 0.907 | 22.3 | 21.5 | 13.75 | 42.8113 | -78.8528 |
| 10/3/2016 11:00 | 12.65 | 66.02 | 0 | 0.187 | 0 | 0 | 0 | 0 | 64 | 14 | 0.829 | 22.2 | 21.6 | 13.69 | 42.8113 | -78.8528 |
| 10/3/2016 10:59 | 12.66 | 68.22 | 0 | 0.187 | 0 | 0 | 0 | 0 | 63 | 12.9 | 0.871 | 22.2 | 21.6 | 13.52 | 42.8113 | -78.8528 |
| 10/3/2016 10:58 | 12.64 | 74.81 | 0 | 0.187 | 0 | 0 | 0 | 0 | 64 | 13.4 | 1.272 | 22.1 | 21.6 | 13.25 | 42.8113 | -78.8528 |
| 10/3/2016 10:57 | 12.66 | 66.8 | 0 | 0.187 | 0 | 0 | 0 | 0 | 64 | 12.3 | 1.026 | 22.1 | 21.7 | 12.92 | 42.8113 | -78.8528 |
| 10/3/2016 10:56 | 12.63 | 84.37 | 0 | 0.187 | 0 | 0 | 0 | 0 | 64 | 13.3 | 1.023 | 22.1 | 21.7 | 12.91 | 42.8113 | -78.8528 |
| 10/3/2016 10:55 | 12.65 | 65.76 | 0 | 0.187 | 0 | 0 | 0 | 0 | 64 | 13 | 0.915 | 22.1 | 21.7 | 12.91 | 42.8113 | -78.8528 |
| 10/3/2016 10:54 | 12.64 | 70.54 | 0 | 0.187 | 0 | 0 | 0 | 0 | 64 | 12.8 | 1.204 | 22.1 | 21.8 | 12.79 | 42.8113 | -78.8528 |
| 10/3/2016 10:53 | 12.64 | 66.15 | 0 | 0.187 | 0 | 0 | 0 | 0 | 65 | 13 | 0.946 | 22 | 21.8 | 12.69 | 42.8113 | -78.8528 |
| 10/3/2016 10:52 | 12.63 | 81.4 | 0 | 0.187 | 0 | 0 | 0 | 0 | 64 | 14 | 1.023 | 22 | 21.9 | 12.58 | 42.8113 | -78.8528 |
| 10/3/2016 10:51 | 12.64 | 71.83 | 0 | 0.187 | 0 | 0 | 0 | 0 | 65 | 11.8 | 0.898 | 22 | 21.9 | 12.4 | 42.8113 | -78.8528 |
| 10/3/2016 10:50 | 12.66 | 64.99 | 0 | 0.187 | 0 | 0 | 0 | 0 | 65 | 15.7 | 1.013 | 22 | 21.9 | 12.41 | 42.8113 | -78.8528 |
| 10/3/2016 10:49 | 12.64 | 76.62 | 0 | 0.187 | 0 | 0 | 0 | 0 | 65 | 15.3 | 1.052 | 22 | 22 | 12.12 | 42.8113 | -78.8528 |
| 10/3/2016 10:48 | 12.64 | 78.42 | 0 | 0.187 | 0 | 0 | 0 | 0 | 64 | 15.9 | 1.182 | 22 | 22 | 11.85 | 42.8113 | -78.8528 |

| Timestamp (GMT-4) | Batt. Voltage (V) | Current (mA) | Low (ppm) | Peak (ppm) | STEL (ppm) | TWA (ppm) | VOC (ppm) | VOC (Avg15) (ppm) | Humidity (%) | Mass (µg/m³) | Particle size (µm) | Temperature (℃) | TWA (µg/m³) | Mass (Avg15) (µg/m³) | Latitude | Longitude |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 10/3/2016 10:47 | 12.64 | 73 | 0 | 0.187 | 0 | 0 | 0 | 0 | 64 | 14.6 | 0.97 | 22 | 22 | 11.55 | 42.8113 | -78.8528 |
| 10/3/2016 10:46 | 12.64 | 68.22 | 0 | 0.187 | 0 | 0 | 0 | 0 | 64 | 13.3 | 1.055 | 21.9 | 22.1 | 11.41 | 42.8113 | -78.8528 |
| 10/3/2016 10:45 | 12.65 | 69.51 | 0 | 0.187 | 0 | 0 | 0 | 0 | 65 | 11.5 | 0.904 | 21.9 | 22.1 | 11.53 | 42.8113 | -78.8528 |
| 10/3/2016 10:44 | 12.64 | 69.51 | 0 | 0.187 | 0 | 0 | 0 | 0 | 64 | 8.8 | 0.796 | 21.8 | 22.2 | 11.72 | 42.8113 | -78.8528 |
| 10/3/2016 10:43 | 12.65 | 74.81 | 0 | 0.187 | 0 | 0 | 0 | 0 | 64 | 8.5 | 0.726 | 21.8 | 22.3 | 12.15 | 42.8113 | -78.8528 |
| 10/3/2016 10:42 | 12.64 | 80.62 | 0 | 0.187 | 0 | 0 | 0 | 0 | 65 | 12.1 | 0.913 | 21.8 | 22.3 | 12.67 | 42.8113 | -78.8528 |
| 10/3/2016 10:41 | 12.65 | 66.93 | 0 | 0.187 | 0 | 0 | 0 | 0 | 64 | 13.4 | 1.043 | 21.8 | 22.4 | 13 | 42.8113 | -78.8528 |
| 10/3/2016 10:40 | 12.64 | 74.16 | 0 | 0.187 | 0 | 0 | 0 | 0 | 65 | 11.2 | 0.858 | 21.7 | 22.4 | 13.16 | 42.8113 | -78.8528 |
| 10/3/2016 10:39 | 12.64 | 68.09 | 0 | 0.187 | 0 | 0 | 0 | 0 | 64 | 11.2 | 0.829 | 21.8 | 22.5 | 13.53 | 42.8113 | -78.8528 |
| 10/3/2016 10:38 | 12.65 | 70.67 | 0 | 0.187 | 0 | 0 | 0 | 0 | 65 | 11.4 | 1.203 | 21.7 | 22.5 | 13.93 | 42.8113 | -78.8528 |
| 10/3/2016 10:37 | 12.64 | 69.12 | 0 | 0.187 | 0 | 0 | 0 | 0 | 64 | 11.3 | 0.871 | 21.7 | 22.6 | 14.34 | 42.8113 | -78.8528 |
| 10/3/2016 10:36 | 12.65 | 68.86 | 0 | 0.187 | 0 | 0 | 0 | 0 | 64 | 12 | 0.884 | 21.7 | 22.6 | 14.83 | 42.8113 | -78.8528 |
| 10/3/2016 10:35 | 12.64 | 71.32 | 0 | 0.187 | 0 | 0 | 0 | 0 | 64 | 11.3 | 1.036 | 21.7 | 22.7 | 15.25 | 42.8113 | -78.8528 |
| 10/3/2016 10:34 | 12.64 | 72.61 | 0 | 0.187 | 0 | 0 | 0 | 0 | 64 | 11.2 | 0.998 | 21.7 | 22.7 | 15.73 | 42.8113 | -78.8528 |
| 10/3/2016 10:33 | 12.63 | 85.27 | 0 | 0.187 | 0 | 0 | 0 | 0 | 64 | 11.4 | 0.999 | 21.6 | 22.8 | 16.25 | 42.8113 | -78.8528 |
| 10/3/2016 10:32 | 12.66 | 66.93 | 0 | 0.187 | 0 | 0 | 0 | 0 | 66 | 12.5 | 0.925 | 21.7 | 22.9 | 16.8 | 42.8113 | -78.8528 |
| 10/3/2016 10:31 | 12.64 | 70.54 | 0 | 0.187 | 0 | 0 | 0 | 0 | 65 | 15.2 | 1.071 | 21.6 | 22.9 | 17.2 | 42.8113 | -78.8528 |
| 10/3/2016 10:30 | 12.65 | 69.38 | 0 | 0.187 | 0 | 0 | 0 | 0 | 65 | 14.3 | 1.086 | 21.7 | 22.9 | 17.49 | 42.8113 | -78.8528 |
| 10/3/2016 10:29 | 12.66 | 66.15 | 0 | 0.187 | 0 | 0 | 0 | 0 | 65 | 15.3 | 1.216 | 21.5 | 23 | 17.87 | 42.8113 | -78.8528 |
| 10/3/2016 10:28 | 12.64 | 76.62 | 0 | 0.187 | 0 | 0 | 0 | 0 | 65 | 16.2 | 1.099 | 21.6 | 23 | 18.05 | 42.8113 | -78.8528 |
| 10/3/2016 10:27 | 12.65 | 67.7 | 0 | 0.187 | 0 | 0 | 0 | 0 | 65 | 17.1 | 1.144 | 21.6 | 23.1 | 18.19 | 42.8113 | -78.8528 |
| 10/3/2016 10:26 | 12.64 | 69.25 | 0 | 0.187 | 0 | 0 | 0 | 0 | 65 | 15.8 | 1.051 | 21.6 | 23.1 | 18.33 | 42.8113 | -78.8528 |
| 10/3/2016 10:25 | 12.66 | 67.18 | 0 | 0.187 | 0 | 0 | 0 | 0 | 66 | 16.8 | 0.941 | 21.5 | 23.1 | 18.45 | 42.8113 | -78.8528 |
| 10/3/2016 10:24 | 12.66 | 67.31 | 0 | 0.187 | 0 | 0 | 0 | 0 | 65 | 17.2 | 0.965 | 21.6 | 23.2 | 18.35 | 42.8113 | -78.8528 |
| 10/3/2016 10:23 | 12.66 | 69.12 | 0 | 0.187 | 0 | 0 | 0 | 0 | 66 | 17.5 | 1.152 | 21.5 | 23.2 | 18.72 | 42.8113 | -78.8528 |
| 10/3/2016 10:22 | 12.64 | 74.29 | 0 | 0.187 | 0 | 0 | 0 | 0 | 65 | 18.6 | 1.053 | 21.6 | 23.2 | 18.98 | 42.8113 | -78.8528 |
| 10/3/2016 10:21 | 12.65 | 65.12 | 0 | 0.187 | 0 | 0 | 0 | 0 | 66 | 18.3 | 1.074 | 21.5 | 23.3 | 19.32 | 42.8113 | -78.8528 |
| 10/3/2016 10:20 | 12.65 | 70.54 | 0 | 0.187 | 0 | 0 | 0 | 0 | 66 | 18.5 | 1.075 | 21.5 | 23.3 | 19.69 | 42.8113 | -78.8528 |
| 10/3/2016 10:19 | 12.66 | 66.93 | 0 | 0.187 | 0 | 0 | 0 | 0 | 66 | 19 | 1.059 | 21.4 | 23.3 | 20.05 | 42.8113 | -78.8528 |
| 10/3/2016 10:18 | 12.65 | 69.25 | 0 | 0.187 | 0 | 0 | 0 | 0 | 65 | 19.7 | 1.112 | 21.5 | 23.3 | 20.25 | 42.8113 | -78.8528 |
| 10/3/2016 10:17 | 12.65 | 74.55 | 0 | 0.187 | 0 | 0 | 0 | 0 | 66 | 18.5 | 1.208 | 21.4 | 23.4 | 20.47 | 42.8113 | -78.8528 |
| 10/3/2016 10:16 | 12.64 | 77.52 | 0 | 0.187 | 0 | 0 | 0 | 0 | 66 | 19.5 | 1.146 | 21.5 | 23.4 | 20.82 | 42.8113 | -78.8528 |
| 10/3/2016 10:15 | 12.66 | 69.9 | 0 | 0.187 | 0 | 0 | 0 | 0 | 66 | 20 | 1.143 | 21.4 | 23.4 | 20.96 | 42.8113 | -78.8528 |
| 10/3/2016 10:14 | | | 0 | 0.187 | 0 | 0 | 0 | 0 | | | | | | | | |
| 10/3/2016 10:13 | 12.64 | 70.93 | | | | | | | | | | | | | 42.8113 | -78.8528 |
| 10/3/2016 10:12 | 12.66 | 67.57 | 0 | 0.187 | 0 | 0 | 0 | 0 | 66 | 18.9 | 1.035 | 21.3 | 23.4 | 21.23 | 42.8113 | -78.8528 |
| 10/3/2016 10:11 | 12.65 | 67.31 | 0 | 0.187 | 0 | 0 | 0 | 0 | 66 | 17.3 | 1.098 | 21.2 | 23.5 | 21.43 | 42.8113 | -78.8528 |
| 10/3/2016 10:10 | 12.65 | 67.83 | 0 | 0.187 | 0 | 0 | 0 | 0 | 65 | 15.5 | 1.064 | 21.3 | 23.5 | 21.68 | 42.8113 | -78.8528 |
| 10/3/2016 10:09 | 12.64 | 69.51 | 0 | 0.187 | 0 | 0 | 0 | 0 | 66 | 22 | 1.234 | 21.2 | 23.6 | 22.08 | 42.8113 | -78.8528 |
| 10/3/2016 10:08 | 12.66 | 67.44 | 0 | 0.187 | 0 | 0 | 0 | 0 | 65 | 21 | 1.238 | 21.2 | 23.6 | 21.99 | 42.8113 | -78.8528 |
| 10/3/2016 10:07 | 12.65 | 67.96 | 0 | 0.187 | 0 | 0 | 0 | 0 | 66 | 22.9 | 1.267 | 21.2 | 23.6 | 22.11 | 42.8113 | -78.8528 |
| 10/3/2016 10:06 | 12.65 | 71.71 | 0 | 0.187 | 0 | 0 | 0 | 0 | 65 | 23.2 | 1.324 | 21.2 | 23.6 | 22 | 42.8113 | -78.8528 |
| 10/3/2016 10:05 | 12.65 | 70.28 | 0 | 0.187 | 0 | 0 | 0 | 0 | 66 | 23.2 | 1.339 | 21.2 | 23.6 | 21.91 | 42.8113 | -78.8528 |
| 10/3/2016 10:04 | 12.65 | 69.12 | 0 | 0.187 | 0 | 0 | 0 | 0 | 66 | 21.5 | 1.202 | 21.2 | 23.6 | 21.77 | 42.8113 | -78.8528 |
| 10/3/2016 10:03 | 12.65 | 78.55 | 0 | 0.187 | 0 | 0 | 0 | 0 | 65 | 22.6 | 1.237 | 21.2 | 23.6 | 21.81 | 42.8113 | -78.8528 |
| 10/3/2016 10:02 | 12.66 | 77.91 | 0 | 0.187 | 0 | 0 | 0 | 0 | 66 | 23 | 1.276 | 21.1 | 23.6 | 21.8 | 42.8113 | -78.8528 |

| Timestamp (GMT-4) | Batt. Voltage (V) | Current (mA) | Low (ppm) | Peak (ppm) | STEL (ppm) | TWA (ppm) | VOC (ppm) | VOC (Avg15) (ppm) | Humidity (%) | Mass (µg/m³) | Particle size (µm) | Temperature (°C) | TWA (µg/m³) | Mass (Avg15) (µg/m³) | Latitude | Longitude |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 10/3/2016 10:01 | 12.65 | 68.99 | 0 | 0.187 | 0 | 0 | 0 | 0 | 66 | 21.4 | 1.213 | 21.1 | 23.6 | 21.69 | 42.8113 | -78.8528 |
| 10/3/2016 10:00 | 12.64 | 84.37 | 0 | 0.187 | 0 | 0 | 0 | 0 | 67 | 23.1 | 1.119 | 21.1 | 23.6 | 21.76 | 42.8113 | -78.8528 |
| 10/3/2016 9:59 | 12.65 | 71.06 | 0 | 0.187 | 0 | 0 | 0 | 0 | 66 | 21.5 | 1.151 | 21 | 23.6 | 21.7 | 42.8113 | -78.8528 |
| 10/3/2016 9:58 | 12.64 | 87.47 | 0 | 0.187 | 0 | 0 | 0 | 0 | 67 | 21.4 | 1.261 | 21.1 | 23.6 | 21.79 | 42.8113 | -78.8528 |
| 10/3/2016 9:57 | 12.64 | 78.55 | 0 | 0.187 | 0 | 0 | 0 | 0 | 66 | 21.8 | 1.234 | 21 | 23.7 | 21.83 | 42.8113 | -78.8528 |
| 10/3/2016 9:56 | 12.66 | 65.89 | 0 | 0.187 | 0 | 0 | 0 | 0 | 66 | 21.1 | 1.276 | 21.1 | 23.7 | 21.9 | 42.8113 | -78.8528 |
| 10/3/2016 9:55 | 12.65 | 70.93 | 0 | 0.187 | 0 | 0 | 0 | 0 | 66 | 21.5 | 1.227 | 20.9 | 23.7 | 22.05 | 42.8113 | -78.8528 |
| 10/3/2016 9:54 | 12.65 | 73.51 | 0 | 0.187 | 0 | 0 | 0 | 0 | 67 | 20.7 | 1.297 | 21 | 23.7 | 22.2 | 42.8113 | -78.8528 |
| 10/3/2016 9:53 | 12.65 | 69.64 | 0 | 0.187 | 0 | 0 | 0 | 0 | 65 | 22.7 | 1.256 | 21 | 23.7 | 22.43 | 42.8113 | -78.8528 |
| 10/3/2016 9:52 | 12.65 | 72.48 | 0 | 0.187 | 0 | 0 | 0 | 0 | 66 | 21.3 | 1.379 | 20.8 | 23.7 | 22.53 | 42.8113 | -78.8528 |
| 10/3/2016 9:51 | 12.66 | 66.67 | 0 | 0.187 | 0 | 0 | 0 | 0 | 65 | 21.8 | 1.262 | 20.8 | 23.7 | 22.74 | 42.8113 | -78.8528 |
| 10/3/2016 9:50 | 12.66 | 67.05 | 0 | 0.187 | 0 | 0 | 0 | 0 | 65 | 21.2 | 1.243 | 20.9 | 23.7 | 23.02 | 42.8113 | -78.8528 |
| 10/3/2016 9:49 | 12.64 | 87.86 | 0 | 0.187 | 0 | 0 | 0 | 0 | 65 | 22 | 1.352 | 20.8 | 23.7 | 23.29 | 42.8113 | -78.8528 |
| 10/3/2016 9:48 | 12.66 | 68.48 | 0 | 0.187 | 0 | 0 | 0 | 0 | 66 | 22.5 | 1.217 | 20.8 | 23.8 | 23.48 | 42.8113 | -78.8528 |
| 10/3/2016 9:47 | 12.66 | 68.48 | 0 | 0.187 | 0 | 0 | 0 | 0 | 66 | 21.4 | 1.246 | 20.9 | 23.8 | 23.67 | 42.8113 | -78.8528 |
| 10/3/2016 9:46 | 12.65 | 71.06 | 0 | 0.187 | 0 | 0 | 0 | 0 | 66 | 22.4 | 1.433 | 20.8 | 23.8 | 23.92 | 42.8113 | -78.8528 |
| 10/3/2016 9:45 | 12.65 | 70.16 | 0 | 0.187 | 0 | 0 | 0 | 0 | 67 | 22.2 | 1.254 | 20.8 | 23.8 | 24.13 | 42.8113 | -78.8528 |
| 10/3/2016 9:44 | 12.66 | 65.89 | 0 | 0.187 | 0 | 0 | 0 | 0 | 66 | 22.8 | 1.486 | 20.8 | 23.8 | 24.36 | 42.8113 | -78.8528 |
| 10/3/2016 9:43 | 12.66 | 69.77 | 0 | 0.187 | 0 | 0 | 0 | 0 | 66 | 22.1 | 1.331 | 20.8 | 23.8 | 24.63 | 42.8113 | -78.8528 |
| 10/3/2016 9:42 | 12.66 | 67.83 | 0 | 0.187 | 0 | 0 | 0 | 0 | 67 | 22.8 | 1.32 | 20.7 | 23.8 | 24.87 | 42.8113 | -78.8528 |
| 10/3/2016 9:41 | 12.66 | 71.45 | 0 | 0.187 | 0 | 0 | 0 | 0 | 67 | 23.4 | 1.421 | 20.7 | 23.8 | 25.03 | 42.8113 | -78.8528 |
| 10/3/2016 9:40 | 12.66 | 66.67 | 0 | 0.187 | 0 | 0 | 0 | 0 | 66 | 23.7 | 1.228 | 20.7 | 23.8 | 25.17 | 42.8113 | -78.8528 |
| 10/3/2016 9:39 | 12.64 | 84.11 | 0 | 0.187 | 0 | 0 | 0 | 0 | 67 | 24.2 | 1.341 | 20.8 | 23.8 | 25.29 | 42.8113 | -78.8528 |
| 10/3/2016 9:38 | 12.66 | 66.93 | 0 | 0.187 | 0 | 0 | 0 | 0 | 66 | 24.2 | 1.228 | 20.7 | 23.8 | 25.37 | 42.8113 | -78.8528 |
| 10/3/2016 9:37 | 12.66 | 66.28 | 0 | 0.187 | 0 | 0 | 0 | 0 | 66 | 24.4 | 1.198 | 20.7 | 23.8 | 25.44 | 42.8113 | -78.8528 |
| 10/3/2016 9:36 | 12.66 | 69.38 | 0 | 0.187 | 0 | 0 | 0 | 0 | 66 | 26 | 1.3 | 20.7 | 23.8 | 25.53 | 42.8113 | -78.8528 |
| 10/3/2016 9:35 | 12.65 | 74.03 | 0 | 0.187 | 0 | 0 | 0 | 0 | 66 | 25.2 | 1.273 | 20.7 | 23.8 | 25.54 | 42.8113 | -78.8528 |
| 10/3/2016 9:34 | 12.66 | 66.02 | 0 | 0.187 | 0 | 0 | 0 | 0 | 66 | 24.9 | 1.407 | 20.8 | 23.8 | 25.59 | 42.8113 | -78.8528 |
| 10/3/2016 9:33 | 12.66 | 67.31 | 0 | 0.187 | 0 | 0 | 0 | 0 | 66 | 25.4 | 1.461 | 20.7 | 23.8 | 25.65 | 42.8113 | -78.8528 |
| 10/3/2016 9:32 | 12.66 | 73.26 | 0 | 0.187 | 0 | 0 | 0 | 0 | 66 | 25.1 | 1.323 | 20.7 | 23.8 | 25.75 | 42.8113 | -78.8528 |
| 10/3/2016 9:31 | 12.66 | 68.99 | 0 | 0.187 | 0 | 0 | 0 | 0 | 66 | 25.5 | 1.423 | 20.6 | 23.7 | 25.81 | 42.8113 | -78.8528 |
| 10/3/2016 9:30 | 12.66 | 70.67 | 0 | 0.187 | 0 | 0 | 0 | 0 | 66 | 25.7 | 1.262 | 20.7 | 23.7 | 25.81 | 42.8113 | -78.8528 |
| 10/3/2016 9:29 | 12.66 | 69.9 | 0 | 0.187 | 0 | 0 | 0 | 0 | 66 | 26.9 | 1.548 | 20.7 | 23.7 | 25.78 | 42.8113 | -78.8528 |
| 10/3/2016 9:28 | 12.66 | 70.54 | 0 | 0.187 | 0 | 0 | 0 | 0 | 65 | 25.6 | 1.445 | 20.7 | 23.7 | 25.71 | 42.8113 | -78.8528 |
| 10/3/2016 9:27 | 12.66 | 69.9 | 0 | 0.187 | 0 | 0 | 0 | 0 | 65 | 25.2 | 1.349 | 20.6 | 23.7 | 25.79 | 42.8113 | -78.8528 |
| 10/3/2016 9:26 | 12.65 | 76.23 | 0 | 0.187 | 0 | 0 | 0 | 0 | 66 | 25.6 | 1.222 | 20.6 | 23.7 | 25.77 | 42.8113 | -78.8528 |
| 10/3/2016 9:25 | 12.66 | 68.48 | 0 | 0.187 | 0 | 0 | 0 | 0 | 66 | 25.4 | 1.387 | 20.6 | 23.6 | 25.75 | 42.8113 | -78.8528 |
| 10/3/2016 9:24 | 12.65 | 75.84 | 0 | 0.187 | 0 | 0 | 0 | 0 | 65 | 25.5 | 1.429 | 20.7 | 23.6 | 25.74 | 42.8113 | -78.8528 |
| 10/3/2016 9:23 | 12.66 | 67.18 | 0 | 0.187 | 0 | 0 | 0 | 0 | 65 | 25.2 | 1.178 | 20.7 | 23.6 | 25.83 | 42.8113 | -78.8528 |
| 10/3/2016 9:22 | 12.66 | 67.31 | 0 | 0.187 | 0 | 0 | 0 | 0 | 65 | 25.7 | 1.244 | 20.7 | 23.6 | 25.92 | 42.8113 | -78.8528 |
| 10/3/2016 9:21 | 12.66 | 67.83 | 0 | 0.187 | 0 | 0 | 0 | 0 | 66 | 26.2 | 1.269 | 20.7 | 23.6 | 25.94 | 42.8113 | -78.8528 |
| 10/3/2016 9:20 | 12.66 | 67.05 | 0 | 0.187 | 0 | 0 | 0 | 0 | 66 | 25.9 | 1.374 | 20.7 | 23.6 | 26.03 | 42.8113 | -78.8528 |
| 10/3/2016 9:19 | 12.66 | 69.25 | 0 | 0.187 | 0 | 0 | 0 | 0 | 66 | 25.9 | 1.196 | 20.7 | 23.5 | 26.01 | 42.8113 | -78.8528 |
| 10/3/2016 9:18 | 12.66 | 63.82 | 0 | 0.187 | 0 | 0 | 0 | 0 | 65 | 26.8 | 1.43 | 20.7 | 23.5 | 25.96 | 42.8113 | -78.8528 |
| 10/3/2016 9:17 | 12.66 | 68.48 | 0 | 0.187 | 0 | 0 | 0 | 0 | 65 | 26.1 | 1.293 | 20.7 | 23.5 | 25.91 | 42.8113 | -78.8528 |
| 10/3/2016 9:16 | 12.68 | 66.41 | 0 | 0.187 | 0 | 0 | 0 | 0 | 66 | 25.5 | 1.32 | 20.7 | 23.5 | 25.9 | 42.8113 | -78.8528 |

| Timestamp (GMT-4) | Batt. Voltage (V) | Current (mA) | Low (ppm) | Peak (ppm) | STEL (ppm) | TWA (ppm) | VOC (ppm) | VOC (Avg15) (ppm) | Humidity (%) | Mass (µg/m³) | Particle size (µm) | Temperature (℃) | TWA (µg/m³) | Mass (Avg15) (µg/m³) | Latitude | Longitude |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 10/3/2016 9:15 | 12.67 | 65.5 | 0 | 0.187 | 0 | 0 | 0 | 0 | 66 | 25.2 | 1.39 | 20.7 | 23.5 | 25.95 | 42.8113 | -78.8528 |
| 10/3/2016 9:14 | 12.66 | 70.41 | 0 | 0.187 | 0 | 0 | 0 | 0 | 65 | 25.8 | 1.285 | 20.7 | 23.4 | 25.97 | 42.8113 | -78.8528 |
| 10/3/2016 9:13 | 12.64 | 88.89 | 0 | 0.187 | 0 | 0 | 0 | 0 | 66 | 26.9 | 1.459 | 20.6 | 23.4 | 26.01 | 42.8113 | -78.8528 |
| 10/3/2016 9:12 | 12.66 | 67.31 | 0 | 0.187 | 0 | 0 | 0 | 0 | 66 | 24.8 | 1.422 | 20.7 | 23.4 | 25.95 | 42.8113 | -78.8528 |
| 10/3/2016 9:11 | 12.67 | 66.41 | 0 | 0.187 | 0 | 0 | 0 | 0 | 66 | 25.3 | 1.438 | 20.7 | 23.4 | 26.04 | 42.8113 | -78.8528 |
| 10/3/2016 9:10 | 12.67 | 65.12 | 0 | 0.187 | 0 | 0 | 0 | 0 | 65 | 25.3 | 1.231 | 20.7 | 23.3 | 26.02 | 42.8113 | -78.8528 |
| 10/3/2016 9:09 | 12.66 | 65.89 | 0 | 0.187 | 0 | 0 | 0 | 0 | 65 | 26.9 | 1.457 | 20.7 | 23.3 | 26.01 | 42.8113 | -78.8528 |
| 10/3/2016 9:08 | 12.66 | 65.89 | 0 | 0.187 | 0 | 0 | 0 | 0 | 65 | 26.5 | 1.168 | 20.8 | 23.3 | 25.86 | 42.8113 | -78.8528 |
| 10/3/2016 9:07 | 12.66 | 67.7 | 0 | 0.187 | 0 | 0 | 0 | 0 | 65 | 26 | 1.399 | 20.8 | 23.3 | 25.7 | 42.8113 | -78.8528 |
| 10/3/2016 9:06 | 12.66 | 74.68 | 0 | 0.187 | 0 | 0 | 0 | 0 | 65 | 27.6 | 1.423 | 20.7 | 23.2 | 25.53 | 42.8113 | -78.8528 |
| 10/3/2016 9:05 | 12.67 | 67.18 | 0 | 0.187 | 0 | 0 | 0 | 0 | 65 | 25.5 | 1.277 | 20.8 | 23.2 | 25.27 | 42.8113 | -78.8528 |
| 10/3/2016 9:04 | 12.66 | 66.93 | 0 | 0.187 | 0 | 0 | 0 | 0 | 66 | 25.2 | 1.263 | 20.8 | 23.2 | 25.19 | 42.8113 | -78.8528 |
| 10/3/2016 9:03 | 12.67 | 71.45 | 0 | 0.187 | 0 | 0 | 0 | 0 | 64 | 26 | 1.405 | 20.8 | 23.2 | 25.1 | 42.8113 | -78.8528 |
| 10/3/2016 9:02 | 12.66 | 68.22 | 0 | 0.187 | 0 | 0 | 0 | 0 | 65 | 26 | 1.226 | 20.7 | 23.1 | 24.99 | 42.8113 | -78.8528 |
| 10/3/2016 9:01 | 12.66 | 69.51 | 0 | 0.187 | 0 | 0 | 0 | 0 | 65 | 26.2 | 1.16 | 20.7 | 23.1 | 24.91 | 42.8113 | -78.8528 |
| 10/3/2016 9:00 | 12.66 | 68.09 | 0 | 0.187 | 0 | 0 | 0 | 0 | 64 | 25.5 | 1.252 | 20.7 | 23.1 | 24.78 | 42.8113 | -78.8528 |
| 10/3/2016 8:59 | 12.66 | 67.57 | 0 | 0.187 | 0 | 0 | 0 | 0 | 64 | 26.4 | 1.383 | 20.8 | 23.1 | 24.66 | 42.8113 | -78.8528 |
| 10/3/2016 8:58 | 12.67 | 69.64 | 0 | 0.187 | 0 | 0 | 0 | 0 | 65 | 26 | 1.412 | 20.8 | 23 | 24.49 | 42.8113 | -78.8528 |
| 10/3/2016 8:57 | 12.66 | 68.09 | 0 | 0.187 | 0 | 0 | 0 | 0 | 65 | 26.2 | 1.47 | 20.8 | 23 | 24.31 | 42.8113 | -78.8528 |
| 10/3/2016 8:56 | 12.66 | 76.49 | 0 | 0.187 | 0 | 0 | 0 | 0 | 64 | 25 | 1.252 | 20.8 | 23 | 24.17 | 42.8113 | -78.8528 |
| 10/3/2016 8:55 | 12.66 | 71.32 | 0 | 0.187 | 0 | 0 | 0 | 0 | 64 | 25.1 | 1.183 | 20.9 | 22.9 | 24.09 | 42.8113 | -78.8528 |
| 10/3/2016 8:54 | 12.66 | 75.58 | 0 | 0.187 | 0 | 0 | 0 | 0 | 64 | 24.7 | 1.457 | 20.8 | 22.9 | 23.98 | 42.8113 | -78.8528 |
| 10/3/2016 8:53 | 12.67 | 68.09 | 0 | 0.187 | 0 | 0 | 0 | 0 | 65 | 24.1 | 1.242 | 20.8 | 22.9 | 23.93 | 42.8113 | -78.8528 |
| 10/3/2016 8:52 | 12.66 | 70.41 | 0 | 0.187 | 0 | 0 | 0 | 0 | 64 | 23.5 | 1.312 | 20.9 | 22.9 | 23.91 | 42.8113 | -78.8528 |
| 10/3/2016 8:51 | 12.67 | 67.31 | 0 | 0.187 | 0 | 0 | 0 | 0 | 64 | 23.7 | 1.101 | 20.9 | 22.9 | 23.94 | 42.8113 | -78.8528 |
| 10/3/2016 8:50 | 12.66 | 69.38 | 0 | 0.187 | 0 | 0 | 0 | 0 | 64 | 24.3 | 1.203 | 21 | 22.9 | 23.93 | 42.8113 | -78.8528 |
| 10/3/2016 8:49 | 12.67 | 70.28 | 0 | 0.187 | 0 | 0 | 0 | 0 | 64 | 23.8 | 1.191 | 20.9 | 22.8 | 23.87 | 42.8113 | -78.8528 |
| 10/3/2016 8:48 | 12.66 | 74.16 | 0 | 0.187 | 0 | 0 | 0 | 0 | 64 | 24.4 | 1.302 | 21 | 22.8 | 23.81 | 42.8113 | -78.8528 |
| 10/3/2016 8:47 | 12.67 | 70.54 | 0 | 0.187 | 0 | 0 | 0 | 0 | 63 | 24.7 | 1.183 | 21 | 22.8 | 23.74 | 42.8113 | -78.8528 |
| 10/3/2016 8:46 | 12.66 | 73.64 | 0 | 0.187 | 0 | 0 | 0 | 0 | 64 | 24.3 | 1.152 | 21 | 22.8 | 23.67 | 42.8113 | -78.8528 |
| 10/3/2016 8:45 | 12.66 | 69.9 | 0 | 0.187 | 0 | 0 | 0 | 0 | 64 | 23.7 | 1.093 | 20.9 | 22.8 | 23.72 | 42.8113 | -78.8528 |
| 10/3/2016 8:44 | 12.67 | 66.8 | 0 | 0.187 | 0 | 0 | 0 | 0 | 63 | 23.9 | 1.139 | 21 | 22.8 | 23.83 | 42.8113 | -78.8528 |
| 10/3/2016 8:43 | 12.66 | 76.23 | 0 | 0.187 | 0 | 0 | 0 | 0 | 63 | 23.3 | 1.046 | 21 | 22.8 | 23.8 | 42.8113 | -78.8528 |
| 10/3/2016 8:42 | 12.65 | 81.65 | 0 | 0.187 | 0 | 0 | 0 | 0 | 63 | 24 | 1.133 | 21 | 22.8 | 23.8 | 42.8113 | -78.8528 |
| 10/3/2016 8:41 | 12.64 | 86.31 | 0 | 0.187 | 0 | 0 | 0 | 0 | 63 | 23.8 | 1.006 | 21.1 | 22.8 | 23.89 | 42.8113 | -78.8528 |
| 10/3/2016 8:40 | 12.66 | 71.83 | 0 | 0.187 | 0 | 0 | 0 | 0 | 63 | 23.5 | 1.133 | 21.1 | 22.7 | 23.97 | 42.8113 | -78.8528 |
| 10/3/2016 8:39 | 12.67 | 66.93 | 0 | 0.187 | 0 | 0 | 0 | 0 | 63 | 24 | 1.144 | 21.1 | 22.7 | 24.05 | 42.8113 | -78.8528 |
| 10/3/2016 8:38 | 12.68 | 67.57 | 0 | 0.187 | 0 | 0 | 0 | 0 | 63 | 23.7 | 1.201 | 21.1 | 22.7 | 24.13 | 42.8113 | -78.8528 |
| 10/3/2016 8:37 | 12.66 | 69.51 | 0 | 0.187 | 0 | 0 | 0 | 0 | 62 | 24 | 1.164 | 21.1 | 22.7 | 24.21 | 42.8113 | -78.8528 |
| 10/3/2016 8:36 | 12.67 | 68.48 | 0 | 0.187 | 0 | 0 | 0 | 0 | 63 | 23.6 | 1.076 | 21.1 | 22.7 | 24.17 | 42.8113 | -78.8528 |
| 10/3/2016 8:35 | 12.66 | 68.73 | 0 | 0.187 | 0 | 0 | 0 | 0 | 63 | 23.3 | 1.013 | 21.1 | 22.7 | 24.19 | 42.8113 | -78.8528 |
| 10/3/2016 8:34 | 12.66 | 74.55 | 0 | 0.187 | 0 | 0 | 0 | 0 | 63 | 23 | 1.138 | 21.2 | 22.7 | 24.28 | 42.8113 | -78.8528 |
| 10/3/2016 8:33 | 12.66 | 73.13 | 0 | 0.187 | 0 | 0 | 0 | 0 | 63 | 23.3 | 1.18 | 21.2 | 22.7 | 24.36 | 42.8113 | -78.8528 |
| 10/3/2016 8:32 | 12.67 | 66.02 | 0 | 0.187 | 0 | 0 | 0 | 0 | 62 | 23.6 | 1.126 | 21.2 | 22.6 | 24.35 | 42.8113 | -78.8528 |
| 10/3/2016 8:31 | 12.67 | 67.83 | 0 | 0.187 | 0 | 0 | 0 | 0 | 63 | 25.1 | 1.256 | 21.2 | 22.6 | 24.35 | 42.8113 | -78.8528 |
| 10/3/2016 8:30 | 12.66 | 74.68 | 0 | 0.187 | 0 | 0 | 0 | 0 | 62 | 25.4 | 1.274 | 21.2 | 22.6 | 24.2 | 42.8113 | -78.8528 |

| Timestamp (GMT-4) | Batt. Voltage (V) | Current (mA) | Low (ppm) | Peak (ppm) | STEL (ppm) | TWA (ppm) | VOC (ppm) | VOC (Avg15) (ppm) | Humidity (%) | Mass (µg/m³) | Particle size (µm) | Temperature (°C) | TWA (µg/m³) | Mass (Avg15) (µg/m³) | Latitude | Longitude |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 10/3/2016 8:29 | 12.66 | 70.67 | 0 | 0.187 | 0 | 0 | 0 | 0 | 63 | 23.4 | 1.126 | 21.2 | 22.6 | 23.99 | 42.8113 | -78.8528 |
| 10/3/2016 8:28 | 12.67 | 67.57 | 0 | 0.187 | 0 | 0 | 0 | 0 | 62 | 23.3 | 1.256 | 21.2 | 22.5 | 23.89 | 42.8113 | -78.8528 |
| 10/3/2016 8:27 | 12.65 | 84.63 | 0 | 0.187 | 0 | 0 | 0 | 0 | 62 | 25.3 | 1.253 | 21.3 | 22.5 | 23.85 | 42.8113 | -78.8528 |
| 10/3/2016 8:26 | 12.67 | 68.09 | 0 | 0.187 | 0 | 0 | 0 | 0 | 62 | 25.1 | 1.194 | 21.3 | 22.5 | 23.67 | 42.8113 | -78.8528 |
| 10/3/2016 8:25 | 12.68 | 68.48 | 0 | 0.187 | 0 | 0 | 0 | 0 | 62 | 24.6 | 1.332 | 21.3 | 22.4 | 23.53 | 42.8113 | -78.8528 |
| 10/3/2016 8:24 | 12.67 | 69.38 | 0 | 0.187 | 0 | 0 | 0 | 0 | 63 | 25.3 | 1.045 | 21.3 | 22.4 | 23.49 | 42.8113 | -78.8528 |
| 10/3/2016 8:23 | 12.67 | 67.96 | 0 | 0.187 | 0 | 0 | 0 | 0 | 61 | 24.8 | 1.09 | 21.3 | 22.4 | 23.37 | 42.8113 | -78.8528 |
| 10/3/2016 8:22 | 12.67 | 66.8 | 0 | 0.187 | 0 | 0 | 0 | 0 | 62 | 23.5 | 1.146 | 21.4 | 22.3 | 23.22 | 42.8113 | -78.8528 |
| 10/3/2016 8:21 | 12.66 | 72.35 | 0 | 0.187 | 0 | 0 | 0 | 0 | 61 | 23.9 | 1.184 | 21.4 | 22.3 | 23.15 | 42.8113 | -78.8528 |
| 10/3/2016 8:20 | 12.67 | 65.63 | 0 | 0.187 | 0 | 0 | 0 | 0 | 62 | 24.6 | 1.228 | 21.4 | 22.3 | 23.03 | 42.8113 | -78.8528 |
| 10/3/2016 8:19 | 12.68 | 72.22 | 0 | 0.187 | 0 | 0 | 0 | 0 | 62 | 24.2 | 1.199 | 21.5 | 22.2 | 22.82 | 42.8113 | -78.8528 |
| 10/3/2016 8:18 | 12.66 | 69.64 | 0 | 0.187 | 0 | 0 | 0 | 0 | 61 | 23.1 | 1.09 | 21.4 | 22.2 | 22.66 | 42.8113 | -78.8528 |
| 10/3/2016 8:17 | 12.66 | 69.77 | 0 | 0.187 | 0 | 0 | 0 | 0 | 62 | 23.7 | 1.039 | 21.5 | 22.2 | 22.53 | 42.8113 | -78.8528 |
| 10/3/2016 8:16 | 12.68 | 71.58 | 0 | 0.187 | 0 | 0 | 0 | 0 | 62 | 22.8 | 1.038 | 21.5 | 22.2 | 22.36 | 42.8113 | -78.8528 |
| 10/3/2016 8:15 | 12.68 | 66.93 | 0 | 0.187 | 0 | 0 | 0 | 0 | 60 | 22.2 | 0.991 | 21.5 | 22.1 | 22.25 | 42.8113 | -78.8528 |
| 10/3/2016 8:14 | 12.67 | 67.96 | 0 | 0.187 | 0 | 0 | 0 | 0 | 61 | 21.9 | 0.979 | 21.6 | 22.1 | 22.2 | 42.8113 | -78.8528 |
| 10/3/2016 8:13 | 12.67 | 70.41 | 0 | 0.187 | 0 | 0 | 0 | 0 | 61 | 22.7 | 1.02 | 21.6 | 22.1 | 22.15 | 42.8113 | -78.8528 |
| 10/3/2016 8:12 | 12.68 | 68.6 | 0 | 0.187 | 0 | 0 | 0 | 0 | 60 | 22.6 | 1.09 | 21.5 | 22.1 | 22.07 | 42.8113 | -78.8528 |
| 10/3/2016 8:11 | 12.68 | 70.16 | 0 | 0.187 | 0 | 0 | 0 | 0 | 60 | 23.1 | 1.061 | 21.6 | 22.1 | 21.98 | 42.8113 | -78.8528 |
| 10/3/2016 8:10 | 12.67 | 68.6 | 0 | 0.187 | 0 | 0 | 0 | 0 | 60 | 24 | 1.145 | 21.6 | 22.1 | 21.81 | 42.8113 | -78.8528 |
| 10/3/2016 8:09 | 12.67 | 67.18 | 0 | 0.187 | 0 | 0 | 0 | 0 | 61 | 23.5 | 1.111 | 21.6 | 22.1 | 21.61 | 42.8113 | -78.8528 |
| 10/3/2016 8:08 | 12.68 | 67.44 | 0 | 0.187 | 0 | 0 | 0 | 0 | 60 | 22.5 | 1.058 | 21.6 | 22 | 21.5 | 42.8113 | -78.8528 |
| 10/3/2016 8:07 | 12.68 | 70.16 | 0 | 0.187 | 0 | 0 | 0 | 0 | 61 | 22.4 | 1.173 | 21.7 | 22 | 21.39 | 42.8113 | -78.8528 |
| 10/3/2016 8:06 | 12.67 | 71.71 | 0 | 0.187 | 0 | 0 | 0 | 0 | 60 | 22.1 | 1.013 | 21.7 | 22 | 21.29 | 42.8113 | -78.8528 |
| 10/3/2016 8:05 | 12.68 | 68.73 | 0 | 0.187 | 0 | 0 | 0 | 0 | 61 | 21.5 | 1.051 | 21.6 | 22 | 21.21 | 42.8113 | -78.8528 |
| 10/3/2016 8:04 | 12.67 | 68.35 | 0 | 0.187 | 0 | 0 | 0 | 0 | 60 | 21.8 | 0.96 | 21.8 | 22 | 21.21 | 42.8113 | -78.8528 |
| 10/3/2016 8:03 | 12.68 | 65.76 | 0 | 0.187 | 0 | 0 | 0 | 0 | 60 | 21.2 | 0.961 | 21.8 | 22 | 21.18 | 42.8113 | -78.8528 |
| 10/3/2016 8:02 | 12.66 | 82.3 | 0 | 0.187 | 0 | 0 | 0 | 0 | 60 | 21.1 | 0.938 | 21.7 | 22.1 | 21.16 | 42.8113 | -78.8528 |
| 10/3/2016 8:01 | 12.67 | 67.7 | 0 | 0.187 | 0 | 0 | 0 | 0 | 60 | 21.1 | 1.021 | 21.8 | 22.1 | 21.17 | 42.8113 | -78.8528 |
| 10/3/2016 8:00 | 12.68 | 67.96 | 0 | 0.187 | 0 | 0 | 0 | 0 | 60 | 21.5 | 1.042 | 21.7 | 22.1 | 21.23 | 42.8113 | -78.8528 |
| 10/3/2016 7:59 | 12.68 | 66.93 | 0 | 0.187 | 0 | 0 | 0 | 0 | 60 | 21.1 | 0.967 | 21.8 | 22.1 | 21.23 | 42.8113 | -78.8528 |
| 10/3/2016 7:58 | 12.67 | 74.42 | 0 | 0.187 | 0 | 0 | 0 | 0 | 59 | 21.5 | 1.037 | 21.8 | 22.2 | 21.28 | 42.8113 | -78.8528 |
| 10/3/2016 7:57 | 12.68 | 67.57 | 0 | 0.187 | 0 | 0 | 0 | 0 | 59 | 21.3 | 1.221 | 21.8 | 22.2 | 21.31 | 42.8113 | -78.8528 |
| 10/3/2016 7:56 | 12.67 | 66.54 | 0 | 0.187 | 0 | 0 | 0 | 0 | 59 | 20.6 | 0.999 | 21.9 | 22.2 | 21.37 | 42.8113 | -78.8528 |
| 10/3/2016 7:55 | 12.67 | 69.77 | 0 | 0.187 | 0 | 0 | 0 | 0 | 59 | 21 | 1.017 | 21.8 | 22.3 | 21.45 | 42.8113 | -78.8528 |
| 10/3/2016 7:54 | 12.67 | 75.71 | 0 | 0.187 | 0 | 0 | 0 | 0 | 60 | 21.8 | 0.924 | 22 | 22.3 | 21.45 | 42.8113 | -78.8528 |
| 10/3/2016 7:53 | 12.68 | 67.31 | 0 | 0.187 | 0 | 0 | 0 | 0 | 59 | 20.9 | 0.872 | 21.9 | 22.3 | 21.53 | 42.8113 | -78.8528 |
| 10/3/2016 7:52 | 12.67 | 68.09 | 0 | 0.187 | 0 | 0 | 0 | 0 | 59 | 20.9 | 1.065 | 22 | 22.3 | 21.57 | 42.8112 | -78.8528 |
| 10/3/2016 7:51 | 12.68 | 65.76 | 0 | 0.187 | 0 | 0 | 0 | 0 | 58 | 20.8 | 1.103 | 21.8 | 22.4 | 21.61 | 42.8112 | -78.8528 |
| 10/3/2016 7:50 | 12.68 | 67.7 | 0 | 0.187 | 0 | 0 | 0 | 0 | 59 | 21.5 | 1.008 | 22 | 22.4 | 21.7 | 42.8113 | -78.8528 |
| 10/3/2016 7:49 | 12.67 | 68.6 | 0 | 0.187 | 0 | 0 | 0 | 0 | 59 | 21.4 | 0.933 | 22 | 22.4 | 21.7 | 42.8113 | -78.8528 |
| 10/3/2016 7:48 | 12.66 | 71.96 | 0 | 0.187 | 0 | 0 | 0 | 0 | 58 | 20.9 | 1.029 | 22 | 22.5 | 21.75 | 42.8113 | -78.8528 |
| 10/3/2016 7:47 | 12.68 | 66.93 | 0 | 0.187 | 0 | 0 | 0 | 0 | 59 | 21.3 | 0.921 | 22 | 22.5 | 21.86 | 42.8113 | -78.8528 |
| 10/3/2016 7:46 | 12.67 | 67.57 | 0 | 0.187 | 0 | 0 | 0 | 0 | 58 | 22 | 0.968 | 22 | 22.5 | 21.94 | 42.8113 | -78.8528 |
| 10/3/2016 7:45 | 12.68 | 65.37 | 0 | 0.187 | 0 | 0 | 0 | 0 | 59 | 21.4 | 1.096 | 21.9 | 22.5 | 22.04 | 42.8113 | -78.8528 |
| 10/3/2016 7:44 | 12.68 | 66.93 | 0 | 0.187 | 0 | 0 | 0 | 0 | 58 | 21.9 | 0.956 | 22.1 | 22.6 | 22.11 | 42.8113 | -78.8528 |

| Timestamp (GMT-4) | Batt. Voltage (V) | Current (mA) | Low (ppm) | Peak (ppm) | STEL (ppm) | TWA (ppm) | VOC (ppm) | VOC (Avg15) (ppm) | Humidity (%) | Mass (µg/m³) | Particle size (µm) | Temperature (°C) | TWA (µg/m³) | Mass (Avg15) (µg/m³) | Latitude | Longitude |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 10/3/2016 7:43 | 12.68 | 72.48 | 0 | 0.187 | 0 | 0 | 0 | 0 | 58 | 21.9 | 0.868 | 22 | 22.6 | 22.2 | 42.8113 | -78.8528 |
| 10/3/2016 7:42 | 12.68 | 68.86 | 0 | 0.187 | 0 | 0 | 0 | 0 | 58 | 22.3 | 1.152 | 22.1 | 22.6 | 22.27 | 42.8113 | -78.8528 |
| 10/3/2016 7:41 | 12.68 | 72.48 | 0 | 0.187 | 0 | 0 | 0 | 0 | 59 | 21.7 | 1.104 | 22.1 | 22.7 | 22.37 | 42.8113 | -78.8528 |
| 10/3/2016 7:40 | 12.68 | 76.23 | 0 | 0.187 | 0 | 0 | 0 | 0 | 57 | 21.1 | 0.994 | 22.1 | 22.7 | 22.49 | 42.8113 | -78.8528 |
| 10/3/2016 7:39 | 12.68 | 73.26 | 0 | 0.187 | 0 | 0 | 0 | 0 | 58 | 22.9 | 1.022 | 22.1 | 22.7 | 22.57 | 42.8113 | -78.8528 |
| 10/3/2016 7:38 | 12.68 | 68.73 | 0 | 0.187 | 0 | 0 | 0 | 0 | 58 | 21.5 | 0.914 | 22.1 | 22.8 | 22.57 | 42.8113 | -78.8528 |
| 10/3/2016 7:37 | 12.69 | 70.03 | 0 | 0.187 | 0 | 0 | 0 | 0 | 58 | 21.5 | 1.201 | 22.1 | 22.8 | 22.61 | 42.8113 | -78.8528 |
| 10/3/2016 7:36 | 12.7 | 71.96 | 0 | 0.187 | 0 | 0 | 0 | 0 | 58 | 22.2 | 1.076 | 22.1 | 22.9 | 22.62 | 42.8113 | -78.8528 |
| 10/3/2016 7:35 | 12.78 | 69.64 | 0 | 0.187 | 0 | 0 | 0 | 0 | 58 | 21.5 | 1.002 | 22.1 | 22.9 | 22.65 | 42.8113 | -78.8528 |
| 10/3/2016 7:34 | 12.79 | 70.67 | 0 | 0.187 | 0 | 0 | 0 | 0 | 58 | 22.2 | 0.957 | 22.1 | 23 | 22.72 | 42.8113 | -78.8528 |
| 10/3/2016 7:33 | 12.79 | 69.51 | 0 | 0.187 | 0 | 0 | 0 | 0 | 57 | 22.5 | 0.851 | 22.1 | 23.1 | 22.76 | 42.8113 | -78.8528 |
| 10/3/2016 7:32 | 12.77 | 82.69 | 0 | 0.187 | 0 | 0 | 0 | 0 | 57 | 22.5 | 0.958 | 22.1 | 23.1 | 22.78 | 42.8113 | -78.8528 |
| 10/3/2016 7:31 | 12.78 | 74.81 | 0 | 0.187 | 0 | 0 | 0 | 0 | 58 | 23.5 | 0.975 | 22.1 | 23.2 | 22.8 | 42.8113 | -78.8528 |
| 10/3/2016 7:30 | 12.82 | 66.02 | 0 | 0.187 | 0 | 0 | 0 | 0 | 57 | 22.5 | 0.869 | 22.1 | 23.2 | 22.74 | 42.8113 | -78.8528 |
| 10/3/2016 7:29 | 12.82 | 65.5 | 0 | 0.187 | 0.003 | 0 | 0 | 0 | 57 | 23.2 | 0.963 | 22.1 | 23.3 | 22.76 | 42.8113 | -78.8528 |
| 10/3/2016 7:28 | 12.82 | 69.51 | 0 | 0.187 | 0.003 | 0 | 0 | 0 | 57 | 22.9 | 1.066 | 22.1 | 23.3 | 22.72 | 42.8113 | -78.8528 |
| 10/3/2016 7:27 | 12.83 | 68.86 | 0 | 0.187 | 0 | 0 | 0 | 0 | 57 | 23.8 | 0.965 | 22.1 | 23.4 | 22.7 | 42.8113 | -78.8529 |
| 10/3/2016 7:26 | 12.83 | 67.44 | 0 | 0.187 | 0 | 0 | 0 | 0 | 56 | 23.5 | 1.09 | 22.1 | 23.4 | 22.56 | 42.8113 | -78.8529 |
| 10/3/2016 7:25 | 12.84 | 65.76 | 0 | 0.187 | 0 | 0 | 0 | 0 | 56 | 22.4 | 0.836 | 22 | 23.4 | 22.43 | 42.8113 | -78.8529 |
| 10/3/2016 7:24 | 12.84 | 68.73 | 0 | 0.187 | 0 | 0 | 0 | 0 | 57 | 22.9 | 1.015 | 22.1 | 23.6 | 22.43 | 42.8113 | -78.8529 |
| 10/3/2016 7:23 | 12.84 | 71.96 | 0 | 0.187 | 0 | 0 | 0 | 0 | 55 | 22.1 | 0.885 | 22 | 23.9 | 22.34 | 42.8113 | -78.8528 |
| 10/3/2016 7:22 | 12.85 | 70.8 | 0 | 0.187 | 0 | 0 | 0 | 0 | 54 | 21.6 | 0.91 | 22 | 24.3 | 22.4 | 42.8113 | -78.8528 |
| 10/3/2016 7:21 | 12.87 | 69.9 | 0 | 0.187 | 0 | 0 | 0 | 0 | 55 | 22.6 | 0.936 | 22.1 | 25 | 22.67 | 42.8113 | -78.8528 |
| 10/3/2016 7:20 | 12.88 | 71.58 | 0 | 0.187 | 0 | 0 | 0 | 0 | 53 | 22.6 | 0.965 | 22.1 | 26.2 | 22.7 | 42.8113 | -78.8528 |
| 10/3/2016 7:19 | 12.89 | 79.72 | 0 | 0.187 | 0 | 0 | 0 | 0 | 53 | 22.8 | 1.019 | 22.1 | 27.2 | 22.8 | 42.8113 | -78.8528 |

| Timestamp (GMT-4) | Batt. Voltage (V) | Current (mA) | Low (ppm) | Peak (ppm) | STEL (ppm) | TWA (ppm) | VOC (ppm) | VOC (Avg15) (ppm) | Humidity (%) | Mass (µg/m³) | Particle size (µm) | Temperature (°C) | TWA (µg/m³) | Mass (Avg15) (µg/m³) | Latitude | Longitude |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 10/4/2016 16:26 | 12.25 | 70.28 | 0 | 0.014 | 0 | 0.001 | 0 | 0 | 34 | 2.9 | 0.522 | 32.8 | 7.1 | 3.83 | 42.8112 | -78.8528 |
| 10/4/2016 16:25 | 12.24 | 70.54 | 0 | 0.014 | 0 | 0.001 | 0 | 0 | 33 | 4.3 | 0.644 | 33 | 7.1 | 3.85 | 42.8112 | -78.8528 |
| 10/4/2016 16:24 | 12.24 | 71.71 | 0 | 0.014 | 0 | 0.001 | 0 | 0 | 33 | 5.8 | 1.063 | 32.9 | 7.1 | 3.79 | 42.8112 | -78.8528 |
| 10/4/2016 16:23 | 12.24 | 75.19 | 0 | 0.014 | 0 | 0.001 | 0 | 0 | 33 | 8.6 | 0.828 | 33 | 7.1 | 3.76 | 42.8112 | -78.8528 |
| 10/4/2016 16:22 | 12.25 | 69.51 | 0 | 0.014 | 0 | 0.001 | 0 | 0 | 34 | 3.4 | 0.488 | 32.8 | 7.1 | 3.86 | 42.8112 | -78.8528 |
| 10/4/2016 16:21 | 12.21 | 86.82 | 0 | 0.014 | 0 | 0.001 | 0 | 0 | 33 | 3.1 | 0.539 | 33 | 7.1 | 3.99 | 42.8112 | -78.8528 |
| 10/4/2016 16:20 | 12.22 | 78.04 | 0 | 0.014 | 0 | 0.001 | 0 | 0 | 34 | 2.8 | 0.591 | 33 | 7.1 | 3.98 | 42.8112 | -78.8528 |
| 10/4/2016 16:19 | 12.25 | 69.51 | 0 | 0.014 | 0 | 0.001 | 0 | 0 | 33 | 2.4 | 0.403 | 32.9 | 7.1 | 4.03 | 42.8112 | -78.8528 |
| 10/4/2016 16:18 | 12.22 | 84.37 | 0 | 0.014 | 0 | 0.001 | 0 | 0 | 33 | 2.8 | 0.441 | 32.8 | 7.1 | 4.12 | 42.8112 | -78.8528 |
| 10/4/2016 16:17 | 12.24 | 71.19 | 0 | 0.014 | 0 | 0.001 | 0 | 0 | 34 | 3.2 | 0.458 | 33 | 7.1 | 4.43 | 42.8113 | -78.8528 |
| 10/4/2016 16:16 | 12.25 | 69.25 | 0 | 0.014 | 0 | 0.001 | 0 | 0 | 33 | 3.7 | 0.468 | 33 | 7.1 | 4.63 | 42.8113 | -78.8528 |
| 10/4/2016 16:15 | 12.25 | 67.96 | 0 | 0.014 | 0 | 0.001 | 0 | 0 | 33 | 3.8 | 0.632 | 32.8 | 7.1 | 4.57 | 42.8113 | -78.8528 |
| 10/4/2016 16:14 | 12.25 | 71.32 | 0 | 0.014 | 0 | 0.001 | 0 | 0 | 34 | 3.9 | 0.489 | 32.8 | 7.1 | 4.55 | 42.8112 | -78.8528 |
| 10/4/2016 16:13 | 12.24 | 71.19 | 0 | 0.014 | 0 | 0.001 | 0 | 0 | 33 | 3.5 | 0.502 | 33 | 7.1 | 4.5 | 42.8113 | -78.8528 |
| 10/4/2016 16:12 | 12.2 | 89.41 | 0 | 0.014 | 0 | 0.001 | 0 | 0 | 33 | 3.2 | 0.544 | 33 | 7.1 | 4.54 | 42.8113 | -78.8528 |
| 10/4/2016 16:11 | 12.25 | 68.99 | 0 | 0.014 | 0 | 0.001 | 0 | 0 | 33 | 3.2 | 0.499 | 32.9 | 7.1 | 4.61 | 42.8113 | -78.8528 |
| 10/4/2016 16:10 | 12.2 | 90.31 | 0 | 0.014 | 0 | 0.001 | 0 | 0 | 33 | 3.5 | 0.687 | 32.8 | 7.1 | 4.67 | 42.8113 | -78.8528 |
| 10/4/2016 16:09 | 12.26 | 66.02 | 0 | 0.014 | 0 | 0.001 | 0 | 0 | 33 | 5.3 | 0.908 | 32.9 | 7.1 | 4.64 | 42.8113 | -78.8528 |
| 10/4/2016 16:08 | 12.24 | 77.13 | 0 | 0.014 | 0 | 0.001 | 0 | 0 | 34 | 10.1 | 1.852 | 33 | 7.1 | 4.56 | 42.8113 | -78.8528 |
| 10/4/2016 16:07 | 12.24 | 81.78 | 0 | 0.014 | 0 | 0.001 | 0 | 0 | 34 | 5.3 | 0.826 | 33 | 7.1 | 4.12 | 42.8113 | -78.8528 |
| 10/4/2016 16:06 | 12.21 | 85.92 | 0 | 0.014 | 0 | 0.001 | 0 | 0 | 33 | 3 | 0.455 | 33 | 7.1 | 4.02 | 42.8113 | -78.8528 |
| 10/4/2016 16:05 | 12.22 | 85.01 | 0 | 0.014 | 0 | 0.001 | 0 | 0 | 34 | 3.6 | 0.432 | 33 | 7.2 | 4.01 | 42.8113 | -78.8528 |
| 10/4/2016 16:04 | 12.21 | 84.11 | 0 | 0.014 | 0 | 0.001 | 0 | 0 | 33 | 3.7 | 0.483 | 32.9 | 7.2 | 4 | 42.8113 | -78.8528 |
| 10/4/2016 16:03 | 12.22 | 79.59 | 0 | 0.014 | 0 | 0.001 | 0 | 0 | 34 | 7.4 | 3.473 | 33 | 7.2 | 4.09 | 42.8113 | -78.8528 |
| 10/4/2016 16:02 | 12.21 | 86.69 | 0 | 0.014 | 0 | 0.001 | 0 | 0 | 33 | 6.3 | 1.008 | 33 | 7.2 | 4.15 | 42.8113 | -78.8528 |
| 10/4/2016 16:01 | 12.24 | 76.23 | 0 | 0.014 | 0 | 0.001 | 0 | 0 | 33 | 2.7 | 0.438 | 33 | 7.2 | 5.56 | 42.8113 | -78.8528 |
| 10/4/2016 16:00 | 12.24 | 71.32 | 0 | 0.014 | 0 | 0.001 | 0 | 0 | 33 | 3.6 | 0.439 | 33 | 7.2 | 5.94 | 42.8113 | -78.8528 |
| 10/4/2016 15:59 | 12.22 | 83.85 | 0 | 0.014 | 0 | 0.001 | 0 | 0 | 33 | 3.1 | 0.584 | 33 | 7.2 | 5.99 | 42.8113 | -78.8528 |
| 10/4/2016 15:58 | 12.23 | 81.27 | 0 | 0.014 | 0 | 0.001 | 0 | 0 | 33 | 4.1 | 0.596 | 33.1 | 7.2 | 6.02 | 42.8113 | -78.8528 |
| 10/4/2016 15:57 | 12.26 | 69.25 | 0 | 0.014 | 0 | 0.001 | 0 | 0 | 33 | 4.3 | 0.608 | 33.1 | 7.2 | 5.94 | 42.8113 | -78.8528 |
| 10/4/2016 15:56 | 12.26 | 69.51 | 0 | 0.014 | 0 | 0.001 | 0 | 0 | 33 | 4.1 | 0.506 | 33 | 7.2 | 5.94 | 42.8113 | -78.8528 |
| 10/4/2016 15:55 | 12.26 | 69.77 | 0 | 0.014 | 0 | 0.001 | 0 | 0 | 34 | 3 | 0.56 | 33 | 7.2 | 5.91 | 42.8113 | -78.8528 |
| 10/4/2016 15:54 | 12.26 | 69.25 | 0 | 0.014 | 0 | 0.001 | 0 | 0 | 34 | 4.1 | 0.653 | 33 | 7.2 | 5.92 | 42.8113 | -78.8528 |
| 10/4/2016 15:53 | 12.22 | 84.88 | 0 | 0.014 | 0 | 0.001 | 0 | 0 | 33 | 3.5 | 0.7 | 33.1 | 7.2 | 5.83 | 42.8113 | -78.8528 |
| 10/4/2016 15:52 | 12.27 | 69.9 | 0 | 0.014 | 0 | 0.001 | 0 | 0 | 34 | 3.8 | 0.564 | 33 | 7.2 | 5.81 | 42.8113 | -78.8528 |
| 10/4/2016 15:51 | 12.24 | 82.04 | 0 | 0.014 | 0 | 0.001 | 0 | 0 | 33 | 2.8 | 0.42 | 33.1 | 7.2 | 5.78 | 42.8113 | -78.8528 |
| 10/4/2016 15:50 | 12.26 | 73.26 | 0 | 0.014 | 0 | 0.001 | 0 | 0 | 33 | 3.5 | 0.869 | 33.1 | 7.2 | 5.82 | 42.8113 | -78.8528 |
| 10/4/2016 15:49 | 12.27 | 67.83 | 0 | 0.014 | 0 | 0.001 | 0 | 0 | 34 | 5 | 1.155 | 33.1 | 7.2 | 5.8 | 42.8113 | -78.8528 |
| 10/4/2016 15:48 | 12.27 | 71.32 | 0 | 0.014 | 0 | 0.001 | 0 | 0 | 34 | 8.3 | 2.444 | 33.1 | 7.2 | 5.77 | 42.8113 | -78.8528 |
| 10/4/2016 15:47 | 12.28 | 67.83 | 0 | 0.014 | 0 | 0.001 | 0 | 0 | 34 | 27.5 | 4 | 33.1 | 7.2 | 5.41 | 42.8113 | -78.8528 |
| 10/4/2016 15:46 | 12.27 | 71.71 | 0 | 0.014 | 0 | 0.001 | 0 | 0 | 34 | 8.4 | 1.73 | 33 | 7.2 | 3.76 | 42.8113 | -78.8528 |
| 10/4/2016 15:45 | 12.28 | 66.93 | 0 | 0.014 | 0 | 0.001 | 0 | 0 | 33 | 4.3 | 0.486 | 33 | 7.2 | 3.95 | 42.8113 | -78.8528 |
| 10/4/2016 15:44 | 12.22 | 87.98 | 0 | 0.014 | 0 | 0.001 | 0 | 0 | 34 | 3.6 | 0.492 | 33.1 | 7.2 | 3.93 | 42.8113 | -78.8528 |
| 10/4/2016 15:43 | 12.28 | 71.58 | 0 | 0.014 | 0 | 0.001 | 0 | 0 | 34 | 2.9 | 0.445 | 33 | 7.2 | 3.93 | 42.8113 | -78.8528 |
| 10/4/2016 15:42 | 12.28 | 67.96 | 0 | 0.014 | 0 | 0.001 | 0 | 0 | 34 | 4.3 | 0.496 | 33 | 7.2 | 3.97 | 42.8113 | -78.8528 |
| 10/4/2016 15:41 | 12.26 | 73.39 | 0 | 0.014 | 0 | 0.001 | 0 | 0 | 33 | 3.7 | 0.467 | 33 | 7.2 | 3.89 | 42.8113 | -78.8528 |

| Timestamp (GMT-4) | Batt. Voltage (V) | Current (mA) | Low (ppm) | Peak (ppm) | STEL (ppm) | TWA (ppm) | VOC (ppm) | VOC (Avg15) (ppm) | Humidity (%) | Mass (µg/m³) | Particle size (µm) | Temperature (°C) | TWA (µg/m³) | Mass (Avg15) (µg/m³) | Latitude | Longitude |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 10/4/2016 15:40 | 12.23 | 89.92 | 0 | 0.014 | 0 | 0.001 | 0 | 0 | 33 | 3.1 | 0.493 | 33 | 7.2 | 3.94 | 42.8113 | -78.8528 |
| 10/4/2016 15:39 | 12.29 | 67.44 | 0 | 0.014 | 0 | 0.001 | 0 | 0 | 33 | 2.8 | 0.417 | 33 | 7.2 | 3.95 | 42.8113 | -78.8528 |
| 10/4/2016 15:38 | 12.23 | 86.31 | 0 | 0.014 | 0 | 0.001 | 0 | 0 | 34 | 3.2 | 0.442 | 33.1 | 7.3 | 3.95 | 42.8113 | -78.8528 |
| 10/4/2016 15:37 | 12.28 | 68.22 | 0 | 0.014 | 0 | 0.001 | 0 | 0 | 34 | 3.3 | 0.436 | 33.1 | 7.3 | 3.95 | 42.8113 | -78.8528 |
| 10/4/2016 15:36 | 12.28 | 70.28 | 0 | 0.014 | 0 | 0.001 | 0 | 0 | 34 | 3.4 | 0.542 | 33.1 | 7.3 | 3.94 | 42.8113 | -78.8528 |
| 10/4/2016 15:35 | 12.29 | 70.93 | 0 | 0.014 | 0 | 0.001 | 0 | 0 | 33 | 3.2 | 0.576 | 33.1 | 7.3 | 3.86 | 42.8113 | -78.8528 |
| 10/4/2016 15:34 | 12.28 | 71.19 | 0 | 0.014 | 0 | 0.001 | 0 | 0 | 34 | 4.6 | 0.636 | 33.1 | 7.3 | 3.88 | 42.8112 | -78.8528 |
| 10/4/2016 15:33 | 12.29 | 72.48 | 0 | 0.014 | 0 | 0.001 | 0 | 0 | 33 | 2.8 | 0.441 | 33.1 | 7.3 | 3.77 | 42.8113 | -78.8528 |
| 10/4/2016 15:32 | 12.26 | 79.72 | 0 | 0.014 | 0 | 0.001 | 0 | 0 | 33 | 2.8 | 0.448 | 33.1 | 7.3 | 3.77 | 42.8113 | -78.8528 |
| 10/4/2016 15:31 | 12.3 | 66.54 | 0 | 0.014 | 0 | 0.001 | 0 | 0 | 34 | 11.3 | 1.711 | 33.2 | 7.3 | 3.88 | 42.8113 | -78.8528 |
| 10/4/2016 15:30 | 12.28 | 71.83 | 0 | 0.014 | 0 | 0.001 | 0 | 0 | 33 | 3.9 | 0.531 | 33.1 | 7.3 | 3.43 | 42.8113 | -78.8528 |
| 10/4/2016 15:29 | 12.3 | 70.28 | 0 | 0.014 | 0 | 0.001 | 0 | 0 | 33 | 3.7 | 0.591 | 33.1 | 7.3 | 3.96 | 42.8113 | -78.8528 |
| 10/4/2016 15:28 | 12.25 | 86.56 | 0 | 0.014 | 0 | 0.001 | 0 | 0 | 34 | 3.4 | 0.546 | 33.2 | 7.3 | 4.41 | 42.8113 | -78.8528 |
| 10/4/2016 15:27 | 12.3 | 74.16 | 0 | 0.014 | 0 | 0.001 | 0 | 0 | 34 | 3.2 | 0.565 | 33.2 | 7.3 | 4.55 | 42.8113 | -78.8528 |
| 10/4/2016 15:26 | 12.29 | 70.8 | 0 | 0.014 | 0 | 0.001 | 0 | 0 | 33 | 4.4 | 0.563 | 33.2 | 7.3 | 4.57 | 42.8113 | -78.8528 |
| 10/4/2016 15:25 | 12.3 | 68.99 | 0 | 0.014 | 0 | 0.001 | 0 | 0 | 34 | 3.3 | 0.556 | 33.2 | 7.3 | 4.47 | 42.8113 | -78.8528 |
| 10/4/2016 15:24 | 12.26 | 85.27 | 0 | 0.014 | 0 | 0.001 | 0 | 0 | 34 | 2.8 | 0.428 | 33.3 | 7.4 | 4.48 | 42.8113 | -78.8528 |
| 10/4/2016 15:23 | 12.3 | 70.8 | 0 | 0.014 | 0 | 0.001 | 0 | 0 | 34 | 3.1 | 0.412 | 33.3 | 7.4 | 4.53 | 42.8113 | -78.8528 |
| 10/4/2016 15:22 | 12.26 | 92.12 | 0 | 0.014 | 0 | 0.001 | 0 | 0 | 34 | 3.2 | 0.479 | 33.2 | 7.4 | 4.64 | 42.8113 | -78.8528 |
| 10/4/2016 15:21 | 12.31 | 69.9 | 0 | 0.014 | 0 | 0.001 | 0 | 0 | 33 | 2.2 | 0.491 | 33.2 | 7.4 | 4.68 | 42.8113 | -78.8528 |
| 10/4/2016 15:20 | 12.3 | 73.13 | 0 | 0.014 | 0 | 0.001 | 0 | 0 | 34 | 3.5 | 0.509 | 33.3 | 7.4 | 4.86 | 42.8113 | -78.8528 |
| 10/4/2016 15:19 | 12.3 | 69.77 | 0 | 0.014 | 0 | 0.001 | 0 | 0 | 33 | 2.9 | 0.521 | 33.3 | 7.4 | 5.12 | 42.8113 | -78.8528 |
| 10/4/2016 15:18 | 12.3 | 70.67 | 0 | 0.014 | 0 | 0.001 | 0 | 0 | 33 | 2.9 | 0.544 | 33.2 | 7.4 | 5.28 | 42.8113 | -78.8528 |
| 10/4/2016 15:17 | 12.3 | 70.54 | 0 | 0.014 | 0 | 0.001 | 0 | 0 | 33 | 4.4 | 0.653 | 33.3 | 7.4 | 5.3 | 42.8113 | -78.8528 |
| 10/4/2016 15:16 | 12.3 | 74.03 | 0 | 0.014 | 0 | 0.001 | 0 | 0 | 34 | 4.6 | 0.614 | 33.2 | 7.4 | 5.29 | 42.8113 | -78.8528 |
| 10/4/2016 15:15 | 12.28 | 84.88 | 0 | 0.014 | 0 | 0.001 | 0 | 0 | 33 | 11.8 | 2.667 | 33.2 | 7.4 | 5.19 | 42.8113 | -78.8528 |
| 10/4/2016 15:14 | 12.31 | 67.83 | 0 | 0.014 | 0 | 0.001 | 0 | 0 | 33 | 10.4 | 1.515 | 33.3 | 7.4 | 4.59 | 42.8113 | -78.8528 |
| 10/4/2016 15:13 | 12.3 | 73 | 0 | 0.014 | 0 | 0.001 | 0 | 0 | 33 | 5.6 | 0.842 | 33.2 | 7.4 | 4.05 | 42.8112 | -78.8528 |
| 10/4/2016 15:12 | 12.31 | 68.09 | 0 | 0.014 | 0 | 0.001 | 0 | 0 | 34 | 3.4 | 0.569 | 33.3 | 7.4 | 3.93 | 42.8113 | -78.8528 |
| 10/4/2016 15:11 | 12.31 | 69.77 | 0 | 0.014 | 0 | 0.001 | 0 | 0 | 34 | 3 | 0.456 | 33.3 | 7.4 | 3.95 | 42.8113 | -78.8528 |
| 10/4/2016 15:10 | 12.31 | 70.03 | 0 | 0.014 | 0 | 0.001 | 0 | 0 | 33 | 3.4 | 0.567 | 33.2 | 7.4 | 4.04 | 42.8113 | -78.8528 |
| 10/4/2016 15:09 | 12.31 | 69.77 | 0 | 0.014 | 0 | 0.001 | 0 | 0 | 33 | 3.5 | 0.505 | 33.2 | 7.4 | 3.97 | 42.8112 | -78.8528 |
| 10/4/2016 15:08 | 12.31 | 71.83 | 0 | 0.014 | 0 | 0.001 | 0 | 0 | 34 | 4.8 | 0.667 | 33.2 | 7.5 | 4.03 | 42.8112 | -78.8528 |
| 10/4/2016 15:07 | 12.31 | 68.99 | 0 | 0.014 | 0 | 0.001 | 0 | 0 | 34 | 3.8 | 0.466 | 33.1 | 7.5 | 3.99 | 42.8112 | -78.8528 |
| 10/4/2016 15:06 | 12.31 | 70.8 | 0 | 0.014 | 0 | 0.001 | 0 | 0 | 34 | 4.9 | 0.405 | 33.2 | 7.5 | 3.99 | 42.8112 | -78.8528 |
| 10/4/2016 15:05 | 12.28 | 87.86 | 0 | 0.014 | 0 | 0.001 | 0 | 0 | 33 | 7.4 | 0.592 | 33.2 | 7.5 | 3.99 | 42.8112 | -78.8528 |
| 10/4/2016 15:04 | 12.31 | 70.67 | 0 | 0.014 | 0 | 0.001 | 0 | 0 | 34 | 5.3 | 0.505 | 33.2 | 7.5 | 3.73 | 42.8112 | -78.8528 |
| 10/4/2016 15:03 | 12.29 | 85.92 | 0 | 0.014 | 0 | 0.001 | 0 | 0 | 34 | 3.2 | 0.552 | 33.2 | 7.5 | 3.61 | 42.8112 | -78.8528 |
| 10/4/2016 15:02 | 12.31 | 71.19 | 0 | 0.014 | 0 | 0.001 | 0 | 0 | 34 | 4.2 | 0.55 | 33.2 | 7.5 | 3.59 | 42.8113 | -78.8528 |
| 10/4/2016 15:01 | 12.29 | 82.95 | 0 | 0.014 | 0 | 0.001 | 0 | 0 | 35 | 3.2 | 0.486 | 33.2 | 7.5 | 3.52 | 42.8113 | -78.8528 |
| 10/4/2016 15:00 | 12.33 | 69.25 | 0 | 0.014 | 0 | 0.001 | 0 | 0 | 35 | 2.8 | 0.44 | 33.1 | 7.5 | 3.51 | 42.8113 | -78.8528 |
| 10/4/2016 14:59 | 12.29 | 84.37 | 0 | 0.014 | 0 | 0.001 | 0 | 0 | 35 | 2.2 | 0.437 | 33.1 | 7.5 | 3.63 | 42.8112 | -78.8528 |
| 10/4/2016 14:58 | 12.32 | 68.6 | 0 | 0.014 | 0 | 0.001 | 0 | 0 | 33 | 3.9 | 0.462 | 33.1 | 7.5 | 3.78 | 42.8113 | -78.8528 |
| 10/4/2016 14:57 | 12.29 | 83.85 | 0 | 0.014 | 0 | 0.001 | 0 | 0 | 34 | 3.6 | 0.479 | 33.1 | 7.5 | 3.72 | 42.8112 | -78.8528 |
| 10/4/2016 14:56 | 12.33 | 68.73 | 0 | 0.014 | 0 | 0.001 | 0 | 0 | 34 | 4.4 | 0.551 | 33.1 | 7.5 | 3.66 | 42.8113 | -78.8528 |
| 10/4/2016 14:55 | 12.32 | 69.51 | 0 | 0.014 | 0 | 0.001 | 0 | 0 | 34 | 2.3 | 0.483 | 33.1 | 7.6 | 3.8 | 42.8113 | -78.8528 |

| Timestamp (GMT-4) | Batt. Voltage (V) | Current (mA) | Low (ppm) | Peak (ppm) | STEL (ppm) | TWA (ppm) | VOC (ppm) | VOC (Avg15) (ppm) | Humidity (%) | Mass (µg/m³) | Particle size (µm) | Temperature (°C) | TWA (µg/m³) | Mass (Avg15) (µg/m³) | Latitude | Longitude |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 10/4/2016 14:54 | 12.33 | 70.67 | 0 | 0.014 | 0 | 0.001 | 0 | 0 | 35 | 4.5 | 0.592 | 33.1 | 7.6 | 4 | 42.8112 | -78.8528 |
| 10/4/2016 14:53 | 12.32 | 72.61 | 0 | 0.014 | 0 | 0.001 | 0 | 0 | 35 | 4.1 | 0.411 | 33.1 | 7.6 | 3.93 | 42.8112 | -78.8528 |
| 10/4/2016 14:52 | 12.33 | 68.09 | 0 | 0.014 | 0 | 0.001 | 0 | 0 | 34 | 3.8 | 0.464 | 33.1 | 7.6 | 3.96 | 42.8113 | -78.8528 |
| 10/4/2016 14:51 | 12.28 | 92.51 | 0 | 0.014 | 0 | 0.001 | 0 | 0 | 34 | 4.9 | 0.849 | 33.1 | 7.6 | 3.97 | 42.8113 | -78.8528 |
| 10/4/2016 14:50 | 12.31 | 76.36 | 0 | 0.014 | 0 | 0.001 | 0 | 0 | 34 | 3.6 | 0.722 | 33.1 | 7.6 | 3.84 | 42.8113 | -78.8528 |
| 10/4/2016 14:49 | 12.33 | 68.73 | 0 | 0.014 | 0 | 0.001 | 0 | 0 | 33 | 3.4 | 0.51 | 33.1 | 7.6 | 3.82 | 42.8112 | -78.8528 |
| 10/4/2016 14:48 | 12.33 | 67.18 | 0 | 0.014 | 0 | 0.001 | 0 | 0 | 34 | 2.9 | 0.424 | 33 | 7.6 | 3.91 | 42.8112 | -78.8528 |
| 10/4/2016 14:47 | 12.31 | 77.39 | 0 | 0.014 | 0 | 0.001 | 0 | 0 | 34 | 3.2 | 0.495 | 33.1 | 7.6 | 3.97 | 42.8112 | -78.8528 |
| 10/4/2016 14:46 | 12.33 | 67.18 | 0 | 0.014 | 0 | 0.001 | 0 | 0 | 35 | 3 | 0.498 | 33.1 | 7.6 | 4.08 | 42.8112 | -78.8528 |
| 10/4/2016 14:45 | 12.33 | 67.83 | 0 | 0.014 | 0 | 0.001 | 0 | 0 | 34 | 4.6 | 0.761 | 33 | 7.6 | 4.13 | 42.8112 | -78.8528 |
| 10/4/2016 14:44 | 12.33 | 69.51 | 0 | 0.014 | 0 | 0.001 | 0 | 0 | 35 | 4.5 | 0.616 | 33.1 | 7.6 | 4.09 | 42.8112 | -78.8528 |
| 10/4/2016 14:43 | 12.33 | 67.7 | 0 | 0.014 | 0 | 0.001 | 0 | 0 | 34 | 3 | 0.463 | 33 | 7.6 | 4.01 | 42.8112 | -78.8528 |
| 10/4/2016 14:42 | 12.33 | 69.12 | 0 | 0.014 | 0 | 0.001 | 0 | 0 | 36 | 2.7 | 0.631 | 33 | 7.6 | 4.41 | 42.8112 | -78.8528 |
| 10/4/2016 14:41 | 12.31 | 81.65 | 0 | 0.014 | 0 | 0.001 | 0 | 0 | 34 | 6.5 | 0.643 | 33 | 7.7 | 4.52 | 42.8112 | -78.8528 |
| 10/4/2016 14:40 | 12.31 | 81.01 | 0 | 0.014 | 0 | 0.001 | 0 | 0 | 34 | 5.3 | 0.545 | 33.1 | 7.7 | 4.24 | 42.8112 | -78.8528 |
| 10/4/2016 14:39 | 12.34 | 67.44 | 0 | 0.014 | 0 | 0.001 | 0 | 0 | 35 | 3.4 | 0.424 | 33 | 7.7 | 4.11 | 42.8112 | -78.8528 |
| 10/4/2016 14:38 | 12.3 | 85.79 | 0 | 0.014 | 0 | 0.001 | 0 | 0 | 35 | 4.6 | 0.51 | 33.1 | 7.7 | 4.03 | 42.8113 | -78.8528 |
| 10/4/2016 14:37 | 12.35 | 70.54 | 0 | 0.014 | 0 | 0.001 | 0 | 0 | 35 | 4 | 0.64 | 33.1 | 7.7 | 3.96 | 42.8112 | -78.8528 |
| 10/4/2016 14:36 | 12.35 | 67.7 | 0 | 0.014 | 0 | 0.001 | 0 | 0 | 34 | 2.9 | 0.471 | 33 | 7.7 | 4.03 | 42.8113 | -78.8528 |
| 10/4/2016 14:35 | 12.35 | 72.22 | 0 | 0.014 | 0 | 0.001 | 0 | 0 | 35 | 3.3 | 0.468 | 32.9 | 7.7 | 4.06 | 42.8112 | -78.8528 |
| 10/4/2016 14:34 | 12.31 | 84.88 | 0 | 0.014 | 0 | 0.001 | 0 | 0 | 35 | 4.8 | 0.612 | 33 | 7.7 | 4.06 | 42.8112 | -78.8528 |
| 10/4/2016 14:33 | 12.36 | 67.18 | 0 | 0.014 | 0 | 0.001 | 0 | 0 | 35 | 3.7 | 0.442 | 33 | 7.7 | 3.99 | 42.8112 | -78.8528 |
| 10/4/2016 14:32 | 12.35 | 66.93 | 0 | 0.014 | 0 | 0.001 | 0 | 0 | 34 | 4.9 | 0.518 | 33 | 7.7 | 3.94 | 42.8112 | -78.8528 |
| 10/4/2016 14:31 | 12.35 | 78.29 | 0 | 0.014 | 0 | 0.001 | 0 | 0 | 35 | 3.8 | 0.436 | 33 | 7.7 | 3.85 | 42.8112 | -78.8528 |
| 10/4/2016 14:30 | 12.32 | 89.41 | 0 | 0.014 | 0 | 0.001 | 0 | 0 | 35 | 3.9 | 0.718 | 33.1 | 7.7 | 3.8 | 42.8113 | -78.8528 |
| 10/4/2016 14:29 | 12.35 | 68.22 | 0 | 0.014 | 0 | 0.001 | 0 | 0 | 35 | 3.4 | 0.599 | 33.1 | 7.8 | 3.71 | 42.8112 | -78.8528 |
| 10/4/2016 14:28 | 12.35 | 68.86 | 0 | 0.014 | 0 | 0.001 | 0 | 0 | 35 | 9 | 1.326 | 33 | 7.8 | 3.69 | 42.8113 | -78.8528 |
| 10/4/2016 14:27 | 12.35 | 70.54 | 0 | 0.014 | 0 | 0.001 | 0 | 0 | 35 | 4.3 | 0.534 | 33 | 7.8 | 3.26 | 42.8113 | -78.8528 |
| 10/4/2016 14:26 | 12.34 | 77.91 | 0 | 0.014 | 0 | 0.001 | 0 | 0 | 34 | 2.3 | 0.421 | 32.9 | 7.8 | 3.21 | 42.8112 | -78.8528 |
| 10/4/2016 14:25 | 12.36 | 66.41 | 0 | 0.014 | 0 | 0.001 | 0 | 0 | 34 | 3.3 | 0.518 | 33 | 7.8 | 3.36 | 42.8113 | -78.8528 |
| 10/4/2016 14:24 | 12.35 | 70.03 | 0 | 0.014 | 0 | 0.001 | 0 | 0 | 35 | 2.2 | 0.563 | 33 | 7.8 | 3.36 | 42.8113 | -78.8528 |
| 10/4/2016 14:23 | 12.33 | 77.91 | 0 | 0.014 | 0 | 0.001 | 0 | 0 | 34 | 3.6 | 0.482 | 33 | 7.8 | 3.37 | 42.8112 | -78.8528 |
| 10/4/2016 14:22 | 12.34 | 73.64 | 0 | 0.014 | 0 | 0.001 | 0 | 0 | 34 | 5 | 0.462 | 33 | 7.8 | 3.35 | 42.8112 | -78.8528 |
| 10/4/2016 14:21 | 12.35 | 67.57 | 0 | 0.014 | 0 | 0.001 | 0 | 0 | 35 | 3.4 | 0.44 | 32.9 | 7.8 | 3.32 | 42.8112 | -78.8528 |
| 10/4/2016 14:20 | 12.35 | 70.41 | 0 | 0.014 | 0 | 0.001 | 0 | 0 | 35 | 3.3 | 0.523 | 33 | 7.8 | 3.45 | 42.8112 | -78.8528 |
| 10/4/2016 14:19 | 12.35 | 67.44 | 0 | 0.014 | 0 | 0.001 | 0 | 0 | 35 | 3.8 | 0.475 | 32.9 | 7.8 | 3.49 | 42.8112 | -78.8528 |
| 10/4/2016 14:18 | 12.36 | 70.8 | 0 | 0.014 | 0 | 0.001 | 0 | 0 | 35 | 2.9 | 0.473 | 32.9 | 7.9 | 3.43 | 42.8112 | -78.8528 |
| 10/4/2016 14:17 | 12.35 | 68.35 | 0 | 0.014 | 0 | 0.001 | 0 | 0 | 35 | 3.6 | 0.436 | 33 | 7.9 | 3.46 | 42.8112 | -78.8528 |
| 10/4/2016 14:16 | 12.35 | 68.99 | 0 | 0.014 | 0 | 0.001 | 0 | 0 | 35 | 3 | 0.432 | 32.8 | 7.9 | 3.47 | 42.8112 | -78.8528 |
| 10/4/2016 14:15 | 12.35 | 68.22 | 0 | 0.014 | 0 | 0.001 | 0 | 0 | 36 | 2.5 | 0.401 | 32.8 | 7.9 | 3.46 | 42.8112 | -78.8528 |
| 10/4/2016 14:14 | 12.31 | 86.43 | 0 | 0.014 | 0 | 0.001 | 0 | 0 | 35 | 3.1 | 0.449 | 32.9 | 7.9 | 3.49 | 42.8112 | -78.8528 |
| 10/4/2016 14:13 | 12.35 | 69.12 | 0 | 0.014 | 0 | 0.001 | 0 | 0 | 35 | 2.6 | 0.509 | 33 | 7.9 | 3.51 | 42.8112 | -78.8528 |
| 10/4/2016 14:12 | 12.35 | 68.09 | 0 | 0.014 | 0 | 0.001 | 0 | 0 | 36 | 3.6 | 0.487 | 32.8 | 7.9 | 3.55 | 42.8112 | -78.8528 |
| 10/4/2016 14:11 | 12.34 | 70.03 | 0 | 0.014 | 0 | 0.001 | 0 | 0 | 35 | 4.5 | 0.511 | 32.8 | 7.9 | 3.56 | 42.8112 | -78.8528 |
| 10/4/2016 14:10 | 12.31 | 86.69 | 0 | 0.014 | 0 | 0.001 | 0 | 0 | 35 | 3.3 | 0.532 | 32.7 | 7.9 | 3.47 | 42.8112 | -78.8528 |
| 10/4/2016 14:09 | 12.36 | 70.03 | 0 | 0.014 | 0 | 0.001 | 0 | 0 | 36 | 2.3 | 0.393 | 32.9 | 8 | 3.47 | 42.8112 | -78.8528 |

| Timestamp (GMT-4) | Batt. Voltage (V) | Current (mA) | Low (ppm) | Peak (ppm) | STEL (ppm) | TWA (ppm) | VOC (ppm) | VOC (Avg15) (ppm) | Humidity (%) | Mass (µg/m³) | Particle size (µm) | Temperature (°C) | TWA (µg/m³) | Mass (Avg15) (µg/m³) | Latitude | Longitude |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 10/4/2016 14:08 | 12.36 | 67.05 | 0 | 0.014 | 0 | 0.001 | 0 | 0 | 36 | 3.4 | 0.454 | 32.8 | 8 | 4.29 | 42.8112 | -78.8528 |
| 10/4/2016 14:07 | 12.31 | 84.5 | 0 | 0.014 | 0 | 0.001 | 0 | 0 | 36 | 4.5 | 0.643 | 32.8 | 8 | 4.3 | 42.8112 | -78.8528 |
| 10/4/2016 14:06 | 12.34 | 73.77 | 0 | 0.014 | 0 | 0.001 | 0 | 0 | 36 | 5.3 | 0.957 | 32.7 | 8 | 4.21 | 42.8112 | -78.8528 |
| 10/4/2016 14:05 | 12.34 | 75.97 | 0 | 0.014 | 0 | 0.001 | 0 | 0 | 35 | 3.9 | 0.709 | 32.7 | 8 | 4.07 | 42.8112 | -78.8528 |
| 10/4/2016 14:04 | 12.34 | 74.03 | 0 | 0.014 | 0 | 0.001 | 0 | 0 | 36 | 3 | 0.647 | 32.7 | 8 | 4.01 | 42.8112 | -78.8528 |
| 10/4/2016 14:03 | 12.35 | 67.83 | 0 | 0.014 | 0 | 0.001 | 0 | 0 | 35 | 3.3 | 0.476 | 32.7 | 8 | 4.15 | 42.8112 | -78.8528 |
| 10/4/2016 14:02 | 12.35 | 68.35 | 0 | 0.014 | 0 | 0.001 | 0 | 0 | 36 | 3.7 | 0.695 | 32.7 | 8 | 4.14 | 42.8112 | -78.8528 |
| 10/4/2016 14:01 | 12.35 | 71.58 | 0 | 0.014 | 0 | 0.001 | 0 | 0 | 36 | 2.9 | 0.618 | 32.7 | 8 | 4.08 | 42.8112 | -78.8528 |
| 10/4/2016 14:00 | 12.35 | 69.12 | 0 | 0.014 | 0 | 0.001 | 0 | 0 | 35 | 2.9 | 0.467 | 32.7 | 8 | 4.07 | 42.8112 | -78.8528 |
| 10/4/2016 13:59 | 12.35 | 67.05 | 0 | 0.014 | 0 | 0.001 | 0 | 0 | 36 | 3.4 | 0.498 | 32.7 | 8.1 | 4.07 | 42.8112 | -78.8528 |
| 10/4/2016 13:58 | 12.35 | 73.77 | 0 | 0.014 | 0 | 0.001 | 0 | 0 | 37 | 3.3 | 0.762 | 32.7 | 8.1 | 4.03 | 42.8112 | -78.8528 |
| 10/4/2016 13:57 | 12.36 | 69.77 | 0 | 0.014 | 0 | 0.001 | 0 | 0 | 37 | 3.7 | 0.671 | 32.6 | 8.1 | 4.05 | 42.8112 | -78.8528 |
| 10/4/2016 13:56 | 12.35 | 72.48 | 0 | 0.014 | 0 | 0.001 | 0 | 0 | 36 | 3.2 | 0.59 | 32.7 | 8.1 | 3.99 | 42.8112 | -78.8528 |
| 10/4/2016 13:55 | 12.35 | 69.25 | 0 | 0.014 | 0 | 0.001 | 0 | 0 | 36 | 3.3 | 0.628 | 32.5 | 8.1 | 4.01 | 42.8112 | -78.8528 |
| 10/4/2016 13:54 | 12.35 | 70.93 | 0 | 0.014 | 0 | 0.001 | 0 | 0 | 36 | 14.5 | 4 | 32.5 | 8.1 | 4.01 | 42.8112 | -78.8528 |
| 10/4/2016 13:53 | 12.33 | 83.2 | 0 | 0.014 | 0 | 0.001 | 0 | 0 | 36 | 3.6 | 0.509 | 32.5 | 8.1 | 3.31 | 42.8112 | -78.8528 |
| 10/4/2016 13:52 | 12.35 | 73.51 | 0 | 0.014 | 0 | 0.001 | 0 | 0 | 36 | 3.2 | 0.522 | 32.5 | 8.1 | 3.31 | 42.8112 | -78.8528 |
| 10/4/2016 13:51 | 12.35 | 69.64 | 0 | 0.014 | 0 | 0.001 | 0 | 0 | 36 | 3.2 | 0.57 | 32.4 | 8.1 | 3.35 | 42.8113 | -78.8528 |
| 10/4/2016 13:50 | 12.35 | 70.8 | 0 | 0.014 | 0 | 0.001 | 0 | 0 | 36 | 2.9 | 0.563 | 32.5 | 8.2 | 3.39 | 42.8113 | -78.8528 |
| 10/4/2016 13:49 | 12.33 | 80.1 | 0 | 0.014 | 0 | 0.001 | 0 | 0 | 37 | 5.1 | 0.81 | 32.5 | 8.2 | 3.43 | 42.8113 | -78.8528 |
| 10/4/2016 13:48 | 12.35 | 68.35 | 0 | 0.014 | 0 | 0.001 | 0 | 0 | 36 | 3.2 | 0.484 | 32.4 | 8.2 | 3.33 | 42.8113 | -78.8528 |
| 10/4/2016 13:47 | 12.32 | 89.28 | 0 | 0.014 | 0 | 0.001 | 0 | 0 | 36 | 2.8 | 0.472 | 32.3 | 8.2 | 3.37 | 42.8113 | -78.8529 |
| 10/4/2016 13:46 | 12.36 | 67.96 | 0 | 0.014 | 0 | 0.001 | 0 | 0 | 36 | 2.8 | 0.474 | 32.3 | 8.2 | 3.4 | 42.8113 | -78.8529 |
| 10/4/2016 13:45 | 12.36 | 68.48 | 0 | 0.014 | 0 | 0.001 | 0 | 0 | 36 | 2.8 | 0.461 | 32.3 | 8.2 | 3.45 | 42.8113 | -78.8529 |
| 10/4/2016 13:44 | 12.31 | 89.02 | 0 | 0.014 | 0 | 0.001 | 0 | 0 | 37 | 2.8 | 0.458 | 32.4 | 8.2 | 3.51 | 42.8113 | -78.8528 |
| 10/4/2016 13:43 | 12.35 | 70.41 | 0 | 0.014 | 0 | 0.001 | 0 | 0 | 36 | 3.7 | 0.423 | 32.3 | 8.2 | 3.54 | 42.8113 | -78.8529 |
| 10/4/2016 13:42 | 12.35 | 69.51 | 0 | 0.014 | 0 | 0.001 | 0 | 0 | 37 | 2.8 | 0.437 | 32.3 | 8.2 | 3.52 | 42.8113 | -78.8528 |
| 10/4/2016 13:41 | 12.33 | 80.1 | 0 | 0.014 | 0 | 0.001 | 0 | 0 | 36 | 3.5 | 0.462 | 32.2 | 8.3 | 3.57 | 42.8112 | -78.8528 |
| 10/4/2016 13:40 | 12.35 | 70.8 | 0 | 0.014 | 0 | 0.001 | 0 | 0 | 37 | 3.2 | 0.433 | 32.2 | 8.3 | 3.6 | 42.8112 | -78.8528 |
| 10/4/2016 13:39 | 12.35 | 71.83 | 0 | 0.014 | 0 | 0.001 | 0 | 0 | 37 | 4.1 | 0.464 | 32.3 | 8.3 | 3.65 | 42.8112 | -78.8528 |
| 10/4/2016 13:38 | 12.36 | 68.99 | 0 | 0.014 | 0 | 0.001 | 0 | 0 | 37 | 3.6 | 0.471 | 32.2 | 8.3 | 3.64 | 42.8112 | -78.8528 |
| 10/4/2016 13:37 | 12.35 | 67.31 | 0 | 0.014 | 0 | 0.001 | 0 | 0 | 37 | 3.7 | 0.426 | 32.1 | 8.3 | 3.63 | 42.8112 | -78.8528 |
| 10/4/2016 13:36 | 12.32 | 86.31 | 0 | 0.014 | 0 | 0.001 | 0 | 0 | 37 | 3.8 | 0.437 | 32.2 | 8.3 | 3.57 | 42.8112 | -78.8528 |
| 10/4/2016 13:35 | 12.35 | 69.38 | 0 | 0.014 | 0 | 0.001 | 0 | 0 | 37 | 3.5 | 0.441 | 32.2 | 8.3 | 3.52 | 42.8112 | -78.8528 |
| 10/4/2016 13:34 | 12.36 | 68.35 | 0 | 0.014 | 0 | 0.001 | 0 | 0 | 37 | 3.6 | 0.408 | 32.1 | 8.3 | 3.48 | 42.8113 | -78.8528 |
| 10/4/2016 13:33 | 12.35 | 71.58 | 0 | 0.014 | 0 | 0.001 | 0 | 0 | 37 | 3.9 | 0.436 | 32 | 8.4 | 3.58 | 42.8113 | -78.8528 |
| 10/4/2016 13:32 | 12.32 | 86.56 | 0 | 0.014 | 0 | 0.001 | 0 | 0 | 38 | 3.2 | 0.426 | 32.1 | 8.4 | 3.64 | 42.8113 | -78.8528 |
| 10/4/2016 13:31 | 12.35 | 72.09 | 0 | 0.014 | 0 | 0.001 | 0 | 0 | 38 | 3.5 | 0.483 | 32.1 | 8.4 | 3.69 | 42.8113 | -78.8528 |
| 10/4/2016 13:30 | 12.36 | 67.44 | 0 | 0.014 | 0 | 0.001 | 0 | 0 | 37 | 3.7 | 0.479 | 32 | 8.4 | 3.77 | 42.8113 | -78.8528 |
| 10/4/2016 13:29 | 12.37 | 66.54 | 0 | 0.014 | 0 | 0.001 | 0 | 0 | 38 | 3.3 | 0.453 | 32.1 | 8.4 | 3.77 | 42.8113 | -78.8528 |
| 10/4/2016 13:28 | 12.35 | 69.25 | 0 | 0.014 | 0 | 0.001 | 0 | 0 | 38 | 3.4 | 0.446 | 32 | 8.4 | 3.87 | 42.8113 | -78.8528 |
| 10/4/2016 13:27 | 12.34 | 75.32 | 0 | 0.014 | 0 | 0.001 | 0 | 0 | 37 | 3.5 | 0.457 | 32 | 8.4 | 3.95 | 42.8113 | -78.8528 |
| 10/4/2016 13:26 | 12.37 | 67.18 | 0 | 0.014 | 0 | 0.001 | 0 | 0 | 38 | 4 | 0.492 | 31.8 | 8.4 | 3.99 | 42.8113 | -78.8528 |
| 10/4/2016 13:25 | 12.35 | 74.16 | 0 | 0.014 | 0 | 0.001 | 0 | 0 | 38 | 4 | 0.462 | 31.9 | 8.5 | 3.92 | 42.8112 | -78.8528 |
| 10/4/2016 13:24 | 12.36 | 67.05 | 0 | 0.014 | 0 | 0.001 | 0 | 0 | 38 | 3.9 | 0.43 | 31.9 | 8.5 | 3.89 | 42.8113 | -78.8528 |
| 10/4/2016 13:23 | 12.35 | 77.78 | 0 | 0.014 | 0 | 0.001 | 0 | 0 | 38 | 3.5 | 0.43 | 31.9 | 8.5 | 3.86 | 42.8113 | -78.8528 |

| Timestamp (GMT-4) | Batt. Voltage (V) | Current (mA) | Low (ppm) | Peak (ppm) | STEL (ppm) | TWA (ppm) | VOC (ppm) | VOC (Avg15) (ppm) | Humidity (%) | Mass (µg/m³) | Particle size (µm) | Temperature (°C) | TWA (µg/m³) | Mass (Avg15) (µg/m³) | Latitude | Longitude |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 10/4/2016 13:22 | 12.32 | 91.6 | 0 | 0.014 | 0 | 0.001 | 0 | 0 | 38 | 2.8 | 0.474 | 31.8 | 8.5 | 3.91 | 42.8113 | -78.8528 |
| 10/4/2016 13:21 | 12.36 | 66.93 | 0 | 0.014 | 0 | 0.001 | 0 | 0 | 37 | 3 | 0.472 | 31.7 | 8.5 | 4.01 | 42.8113 | -78.8528 |
| 10/4/2016 13:20 | 12.35 | 71.58 | 0 | 0.014 | 0 | 0.001 | 0 | 0 | 38 | 2.9 | 0.461 | 31.8 | 8.5 | 4.09 | 42.8112 | -78.8528 |
| 10/4/2016 13:19 | 12.37 | 70.41 | 0 | 0.014 | 0 | 0.001 | 0 | 0 | 38 | 5.1 | 0.597 | 31.6 | 8.5 | 4.25 | 42.8112 | -78.8528 |
| 10/4/2016 13:18 | 12.36 | 69.38 | 0 | 0.014 | 0 | 0.001 | 0 | 0 | 38 | 4.8 | 0.488 | 31.7 | 8.5 | 4.22 | 42.8112 | -78.8528 |
| 10/4/2016 13:17 | 12.37 | 67.05 | 0 | 0.014 | 0 | 0.001 | 0 | 0 | 38 | 3.9 | 0.577 | 31.7 | 8.6 | 4.25 | 42.8112 | -78.8528 |
| 10/4/2016 13:16 | 12.33 | 84.37 | 0 | 0.014 | 0 | 0.001 | 0 | 0 | 39 | 4.7 | 0.715 | 31.6 | 8.6 | 4.29 | 42.8113 | -78.8528 |
| 10/4/2016 13:15 | 12.36 | 70.67 | 0 | 0.014 | 0 | 0.001 | 0 | 0 | 38 | 3.7 | 0.423 | 31.7 | 8.6 | 4.19 | 42.8113 | -78.8528 |
| 10/4/2016 13:14 | 12.35 | 66.54 | 0 | 0.014 | 0 | 0.001 | 0 | 0 | 39 | 4.8 | 0.426 | 31.5 | 8.6 | 4.19 | 42.8113 | -78.8528 |
| 10/4/2016 13:13 | 12.36 | 67.31 | 0 | 0.014 | 0 | 0.001 | 0 | 0 | 38 | 4.6 | 0.579 | 31.5 | 8.6 | 4.15 | 42.8112 | -78.8528 |
| 10/4/2016 13:12 | 12.35 | 72.22 | 0 | 0.014 | 0 | 0.001 | 0 | 0 | 39 | 4.1 | 0.53 | 31.5 | 8.6 | 4.17 | 42.8113 | -78.8528 |
| 10/4/2016 13:11 | 12.32 | 86.43 | 0 | 0.014 | 0 | 0.001 | 0 | 0 | 38 | 3 | 0.41 | 31.4 | 8.6 | 4.22 | 42.8113 | -78.8528 |
| 10/4/2016 13:10 | 12.36 | 68.6 | 0 | 0.014 | 0 | 0.001 | 0 | 0 | 39 | 3.5 | 0.454 | 31.4 | 8.6 | 4.31 | 42.8112 | -78.8528 |
| 10/4/2016 13:09 | 12.33 | 84.88 | 0 | 0.014 | 0 | 0.001 | 0 | 0 | 39 | 3.5 | 0.427 | 31.4 | 8.7 | 4.32 | 42.8112 | -78.8528 |
| 10/4/2016 13:08 | 12.36 | 68.6 | 0 | 0.014 | 0 | 0.001 | 0 | 0 | 39 | 4.3 | 0.465 | 31.3 | 8.7 | 4.34 | 42.8112 | -78.8528 |
| 10/4/2016 13:07 | 12.33 | 86.31 | 0 | 0.014 | 0 | 0.001 | 0 | 0 | 39 | 4.2 | 0.51 | 31.3 | 8.7 | 4.31 | 42.8113 | -78.8528 |
| 10/4/2016 13:06 | 12.36 | 72.35 | 0 | 0.014 | 0 | 0.001 | 0 | 0 | 40 | 4.2 | 0.454 | 31.2 | 8.7 | 4.29 | 42.8113 | -78.8528 |
| 10/4/2016 13:05 | 12.37 | 68.22 | 0 | 0.014 | 0 | 0.001 | 0 | 0 | 40 | 5.4 | 0.541 | 31.3 | 8.7 | 4.3 | 42.8113 | -78.8528 |
| 10/4/2016 13:04 | 12.35 | 72.61 | 0 | 0.014 | 0 | 0.001 | 0 | 0 | 40 | 4.6 | 0.511 | 31.2 | 8.7 | 4.17 | 42.8112 | -78.8528 |
| 10/4/2016 13:03 | 12.35 | 73.64 | 0 | 0.014 | 0 | 0.001 | 0 | 0 | 40 | 5.3 | 0.528 | 31.1 | 8.7 | 4.07 | 42.8113 | -78.8528 |
| 10/4/2016 13:02 | 12.36 | 72.61 | 0 | 0.014 | 0 | 0.001 | 0 | 0 | 40 | 4.4 | 0.533 | 31.1 | 8.7 | 4.07 | 42.8113 | -78.8528 |
| 10/4/2016 13:01 | 12.37 | 69.12 | 0 | 0.014 | 0 | 0.001 | 0 | 0 | 40 | 3.3 | 0.472 | 31 | 8.8 | 4.03 | 42.8112 | -78.8528 |
| 10/4/2016 13:00 | 12.37 | 68.73 | 0 | 0.014 | 0 | 0.001 | 0 | 0 | 39 | 3.6 | 0.466 | 31 | 8.8 | 4.09 | 42.8113 | -78.8528 |
| 10/4/2016 12:59 | 12.36 | 70.28 | 0 | 0.014 | 0 | 0.001 | 0 | 0 | 39 | 4.2 | 0.441 | 31 | 8.8 | 4.16 | 42.8113 | -78.8528 |
| 10/4/2016 12:58 | 12.35 | 70.8 | 0 | 0.014 | 0 | 0.001 | 0 | 0 | 40 | 5 | 0.504 | 31 | 8.8 | 4.18 | 42.8113 | -78.8528 |
| 10/4/2016 12:57 | 12.35 | 70.8 | 0 | 0.014 | 0 | 0.001 | 0 | 0 | 40 | 4.8 | 0.749 | 30.8 | 8.8 | 4.12 | 42.8112 | -78.8528 |
| 10/4/2016 12:56 | 12.37 | 71.96 | 0 | 0.014 | 0 | 0.001 | 0 | 0 | 41 | 4.4 | 0.55 | 30.9 | 8.8 | 4.09 | 42.8112 | -78.8528 |
| 10/4/2016 12:55 | 12.32 | 85.53 | 0 | 0.014 | 0 | 0.001 | 0 | 0 | 40 | 3.6 | 0.495 | 30.7 | 8.8 | 4.19 | 42.8112 | -78.8528 |
| 10/4/2016 12:54 | 12.37 | 68.09 | 0 | 0.014 | 0 | 0.001 | 0 | 0 | 40 | 3.8 | 0.448 | 30.7 | 8.8 | 4.2 | 42.8113 | -78.8528 |
| 10/4/2016 12:53 | 12.35 | 73.13 | 0 | 0.014 | 0 | 0.001 | 0 | 0 | 41 | 3.8 | 0.451 | 30.8 | 8.9 | 4.21 | 42.8112 | -78.8528 |
| 10/4/2016 12:52 | 12.37 | 68.22 | 0 | 0.014 | 0 | 0.001 | 0 | 0 | 40 | 4 | 0.423 | 30.7 | 8.9 | 4.25 | 42.8112 | -78.8528 |
| 10/4/2016 12:51 | 12.32 | 89.54 | 0 | 0.014 | 0 | 0.001 | 0 | 0 | 41 | 4.3 | 0.544 | 30.7 | 8.9 | 4.33 | 42.8112 | -78.8528 |
| 10/4/2016 12:50 | 12.36 | 69.51 | 0 | 0.014 | 0 | 0.001 | 0 | 0 | 40 | 3.4 | 0.408 | 30.6 | 8.9 | 4.31 | 42.8113 | -78.8528 |
| 10/4/2016 12:49 | 12.36 | 69.9 | 0 | 0.014 | 0 | 0.001 | 0 | 0 | 41 | 3.1 | 0.426 | 30.6 | 8.9 | 4.49 | 42.8113 | -78.8528 |
| 10/4/2016 12:48 | 12.37 | 67.57 | 0 | 0.014 | 0 | 0.001 | 0 | 0 | 41 | 5.4 | 0.471 | 30.6 | 8.9 | 4.57 | 42.8113 | -78.8528 |
| 10/4/2016 12:47 | 12.32 | 89.92 | 0 | 0.014 | 0 | 0.001 | 0 | 0 | 41 | 3.7 | 0.456 | 30.4 | 8.9 | 4.58 | 42.8112 | -78.8528 |
| 10/4/2016 12:46 | 12.37 | 68.35 | 0 | 0.014 | 0 | 0.001 | 0 | 0 | 42 | 4.3 | 0.48 | 30.5 | 9 | 4.67 | 42.8113 | -78.8528 |
| 10/4/2016 12:45 | 12.35 | 70.93 | 0 | 0.014 | 0 | 0.001 | 0 | 0 | 41 | 4.6 | 0.537 | 30.4 | 9 | 4.72 | 42.8113 | -78.8528 |
| 10/4/2016 12:44 | 12.35 | 74.42 | 0 | 0.014 | 0 | 0.001 | 0 | 0 | 41 | 4.5 | 0.675 | 30.5 | 9 | 4.76 | 42.8112 | -78.8528 |
| 10/4/2016 12:43 | 12.33 | 85.79 | 0 | 0.014 | 0 | 0.001 | 0 | 0 | 40 | 4.1 | 0.546 | 30.4 | 9 | 4.76 | 42.8113 | -78.8528 |
| 10/4/2016 12:42 | 12.37 | 68.6 | 0 | 0.014 | 0 | 0.001 | 0 | 0 | 41 | 4.4 | 0.615 | 30.3 | 9 | 4.77 | 42.8113 | -78.8528 |
| 10/4/2016 12:41 | 12.37 | 76.49 | 0 | 0.014 | 0 | 0.001 | 0 | 0 | 41 | 5.9 | 1.238 | 30.3 | 9 | 4.81 | 42.8112 | -78.8528 |
| 10/4/2016 12:40 | 12.37 | 69.77 | 0 | 0.014 | 0 | 0.001 | 0 | 0 | 42 | 3.7 | 0.489 | 30.2 | 9 | 4.69 | 42.8112 | -78.8528 |
| 10/4/2016 12:39 | 12.35 | 80.88 | 0 | 0.014 | 0 | 0.001 | 0 | 0 | 42 | 3.9 | 0.561 | 30.1 | 9 | 4.73 | 42.8112 | -78.8528 |
| 10/4/2016 12:38 | 12.34 | 85.53 | 0 | 0.014 | 0 | 0.001 | 0 | 0 | 42 | 4.4 | 0.514 | 30.1 | 9.1 | 4.76 | 42.8112 | -78.8528 |
| 10/4/2016 12:37 | 12.37 | 69.64 | 0 | 0.014 | 0 | 0.001 | 0 | 0 | 42 | 5.3 | 0.593 | 30.1 | 9.1 | 4.78 | 42.8112 | -78.8528 |

| Timestamp (GMT-4) | Batt. Voltage (V) | Current (mA) | Low (ppm) | Peak (ppm) | STEL (ppm) | TWA (ppm) | VOC (ppm) | VOC (Avg15) (ppm) | Humidity (%) | Mass (µg/m³) | Particle size (µm) | Temperature (°C) | TWA (µg/m³) | Mass (Avg15) (µg/m³) | Latitude | Longitude |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 10/4/2016 12:36 | 12.37 | 67.18 | 0 | 0.014 | 0 | 0.001 | 0 | 0 | 41 | 3.9 | 0.601 | 30.1 | 9.1 | 4.73 | 42.8112 | -78.8528 |
| 10/4/2016 12:35 | 12.38 | 70.41 | 0 | 0.014 | 0 | 0.001 | 0 | 0 | 42 | 6.1 | 0.506 | 30.1 | 9.1 | 4.73 | 42.8112 | -78.8528 |
| 10/4/2016 12:34 | 12.37 | 67.18 | 0 | 0.014 | 0 | 0.001 | 0 | 0 | 42 | 4.3 | 0.475 | 30 | 9.1 | 4.61 | 42.8113 | -78.8528 |
| 10/4/2016 12:33 | 12.37 | 69.38 | 0 | 0.014 | 0 | 0.001 | 0 | 0 | 42 | 5.6 | 1.299 | 30 | 9.1 | 4.67 | 42.8113 | -78.8528 |
| 10/4/2016 12:32 | 12.35 | 85.01 | 0 | 0.014 | 0 | 0.001 | 0 | 0 | 43 | 5.1 | 0.517 | 29.8 | 9.1 | 4.6 | 42.8112 | -78.8528 |
| 10/4/2016 12:31 | 12.38 | 68.73 | 0 | 0.014 | 0 | 0.001 | 0 | 0 | 43 | 5 | 0.49 | 29.7 | 9.2 | 4.63 | 42.8112 | -78.8528 |
| 10/4/2016 12:30 | 12.33 | 82.95 | 0 | 0.014 | 0 | 0.001 | 0 | 0 | 42 | 5.2 | 0.653 | 29.7 | 9.2 | 4.61 | 42.8112 | -78.8528 |
| 10/4/2016 12:29 | 12.36 | 75.58 | 0 | 0.014 | 0 | 0.001 | 0 | 0 | 43 | 4.5 | 0.474 | 29.6 | 9.2 | 4.59 | 42.8112 | -78.8528 |
| 10/4/2016 12:28 | 12.37 | 71.71 | 0 | 0.014 | 0 | 0.001 | 0 | 0 | 43 | 4.3 | 0.437 | 29.7 | 9.2 | 4.57 | 42.8112 | -78.8528 |
| 10/4/2016 12:27 | 12.38 | 67.96 | 0 | 0.014 | 0 | 0.001 | 0 | 0 | 43 | 4.9 | 0.455 | 29.6 | 9.2 | 4.65 | 42.8112 | -78.8528 |
| 10/4/2016 12:26 | 12.34 | 87.08 | 0 | 0.014 | 0 | 0.001 | 0 | 0 | 42 | 4.1 | 0.422 | 29.6 | 9.2 | 4.73 | 42.8113 | -78.8528 |
| 10/4/2016 12:25 | 12.39 | 70.28 | 0 | 0.014 | 0 | 0.001 | 0 | 0 | 42 | 4.4 | 0.48 | 29.5 | 9.2 | 4.79 | 42.8112 | -78.8528 |
| 10/4/2016 12:24 | 12.33 | 94.06 | 0 | 0.014 | 0 | 0.001 | 0 | 0 | 43 | 4.3 | 0.568 | 29.5 | 9.2 | 5 | 42.8112 | -78.8528 |
| 10/4/2016 12:23 | 12.4 | 66.41 | 0 | 0.014 | 0 | 0.001 | 0 | 0 | 43 | 4.7 | 0.542 | 29.4 | 9.3 | 5.05 | 42.8112 | -78.8528 |
| 10/4/2016 12:22 | 12.38 | 73 | 0 | 0.014 | 0 | 0.001 | 0 | 0 | 43 | 4.5 | 0.469 | 29.3 | 9.3 | 5.09 | 42.8112 | -78.8528 |
| 10/4/2016 12:21 | 12.4 | 66.15 | 0 | 0.014 | 0 | 0.001 | 0 | 0 | 43 | 4 | 0.403 | 29.3 | 9.3 | 5.11 | 42.8112 | -78.8528 |
| 10/4/2016 12:20 | 12.39 | 70.54 | 0 | 0.014 | 0 | 0.001 | 0 | 0 | 44 | 4.3 | 0.463 | 29.3 | 9.3 | 5.15 | 42.8113 | -78.8528 |
| 10/4/2016 12:19 | 12.39 | 70.93 | 0 | 0.014 | 0 | 0.001 | 0 | 0 | 43 | 5.2 | 0.44 | 29.2 | 9.3 | 5.2 | 42.8112 | -78.8528 |
| 10/4/2016 12:18 | 12.4 | 67.96 | 0 | 0.014 | 0 | 0.001 | 0 | 0 | 43 | 4.5 | 0.432 | 29.2 | 9.3 | 5.22 | 42.8113 | -78.8528 |
| 10/4/2016 12:17 | 12.4 | 71.19 | 0 | 0.014 | 0 | 0.001 | 0 | 0 | 44 | 5.5 | 0.456 | 29.2 | 9.4 | 5.28 | 42.8112 | -78.8528 |
| 10/4/2016 12:16 | 12.41 | 66.54 | 0 | 0.014 | 0 | 0.001 | 0 | 0 | 44 | 4.8 | 0.47 | 29.1 | 9.4 | 5.23 | 42.8112 | -78.8528 |
| 10/4/2016 12:15 | 12.41 | 68.22 | 0 | 0.014 | 0 | 0.001 | 0 | 0 | 44 | 4.9 | 0.506 | 29.1 | 9.4 | 5.21 | 42.8112 | -78.8528 |
| 10/4/2016 12:14 | 12.41 | 68.48 | 0 | 0.014 | 0 | 0.001 | 0 | 0 | 44 | 4.2 | 0.429 | 29 | 9.4 | 5.23 | 42.8112 | -78.8528 |
| 10/4/2016 12:13 | 12.41 | 67.31 | 0 | 0.014 | 0 | 0.001 | 0 | 0 | 43 | 5.5 | 0.497 | 28.9 | 9.4 | 5.28 | 42.8112 | -78.8528 |
| 10/4/2016 12:12 | 12.4 | 69.38 | 0 | 0.014 | 0 | 0.001 | 0 | 0 | 44 | 6.1 | 0.84 | 29 | 9.4 | 5.17 | 42.8113 | -78.8528 |
| 10/4/2016 12:11 | 12.41 | 65.89 | 0 | 0.014 | 0 | 0.001 | 0 | 0 | 44 | 5 | 0.482 | 28.8 | 9.4 | 5.05 | 42.8112 | -78.8528 |
| 10/4/2016 12:10 | 12.4 | 70.28 | 0 | 0.014 | 0 | 0.001 | 0 | 0 | 45 | 7.5 | 0.798 | 28.8 | 9.5 | 5.05 | 42.8112 | -78.8528 |
| 10/4/2016 12:09 | 12.4 | 71.06 | 0 | 0.014 | 0 | 0.001 | 0 | 0 | 44 | 5 | 0.482 | 28.7 | 9.5 | 4.85 | 42.8112 | -78.8528 |
| 10/4/2016 12:08 | 12.41 | 67.57 | 0 | 0.014 | 0 | 0.001 | 0 | 0 | 44 | 5.3 | 0.468 | 28.7 | 9.5 | 4.8 | 42.8112 | -78.8528 |
| 10/4/2016 12:07 | 12.41 | 70.67 | 0 | 0.014 | 0 | 0.001 | 0 | 0 | 44 | 4.8 | 0.464 | 28.6 | 9.5 | 4.79 | 42.8112 | -78.8528 |
| 10/4/2016 12:06 | 12.41 | 73.64 | 0 | 0.014 | 0 | 0.001 | 0 | 0 | 45 | 4.7 | 0.544 | 28.6 | 9.5 | 4.83 | 42.8113 | -78.8528 |
| 10/4/2016 12:05 | 12.41 | 70.67 | 0 | 0.014 | 0 | 0.001 | 0 | 0 | 45 | 5 | 0.502 | 28.5 | 9.5 | 4.89 | 42.8112 | -78.8528 |
| 10/4/2016 12:04 | 12.41 | 66.28 | 0 | 0.014 | 0 | 0.001 | 0 | 0 | 44 | 5.5 | 0.54 | 28.5 | 9.5 | 4.91 | 42.8112 | -78.8528 |
| 10/4/2016 12:03 | 12.4 | 68.99 | 0 | 0.014 | 0 | 0.001 | 0 | 0 | 45 | 5.4 | 0.514 | 28.5 | 9.6 | 4.89 | 42.8112 | -78.8528 |
| 10/4/2016 12:02 | 12.39 | 74.29 | 0 | 0.014 | 0 | 0.001 | 0 | 0 | 45 | 4.8 | 0.553 | 28.3 | 9.6 | 4.87 | 42.8113 | -78.8528 |
| 10/4/2016 12:01 | 12.38 | 83.33 | 0 | 0.014 | 0 | 0.001 | 0 | 0 | 46 | 4.5 | 0.458 | 28.3 | 9.6 | 4.82 | 42.8113 | -78.8528 |
| 10/4/2016 12:00 | 12.4 | 72.22 | 0 | 0.014 | 0 | 0.001 | 0 | 0 | 45 | 5.2 | 0.584 | 28.3 | 9.6 | 4.93 | 42.8113 | -78.8528 |
| 10/4/2016 11:59 | 12.41 | 67.7 | 0 | 0.014 | 0 | 0.001 | 0 | 0 | 46 | 4.9 | 0.456 | 28.2 | 9.6 | 4.93 | 42.8112 | -78.8528 |
| 10/4/2016 11:58 | 12.4 | 69.38 | 0 | 0.014 | 0 | 0.001 | 0 | 0 | 45 | 3.8 | 0.422 | 28.1 | 9.6 | 4.96 | 42.8112 | -78.8528 |
| 10/4/2016 11:57 | 12.41 | 68.35 | 0 | 0.014 | 0 | 0.001 | 0 | 0 | 46 | 4.4 | 0.488 | 28.1 | 9.7 | 4.95 | 42.8112 | -78.8528 |
| 10/4/2016 11:56 | 12.41 | 68.48 | 0 | 0.014 | 0 | 0.001 | 0 | 0 | 45 | 5 | 0.542 | 28.1 | 9.7 | 4.97 | 42.8113 | -78.8528 |
| 10/4/2016 11:55 | 12.39 | 86.69 | 0 | 0.014 | 0 | 0.001 | 0 | 0 | 45 | 4.5 | 0.461 | 28 | 9.7 | 4.98 | 42.8113 | -78.8528 |
| 10/4/2016 11:54 | 12.41 | 68.99 | 0 | 0.014 | 0 | 0.001 | 0 | 0 | 45 | 4.2 | 0.453 | 28 | 9.7 | 4.98 | 42.8113 | -78.8528 |
| 10/4/2016 11:53 | 12.4 | 85.79 | 0 | 0.014 | 0 | 0.001 | 0 | 0 | 46 | 5.2 | 0.55 | 27.8 | 9.7 | 5.01 | 42.8113 | -78.8528 |
| 10/4/2016 11:52 | 12.43 | 67.31 | 0 | 0.014 | 0 | 0.001 | 0 | 0 | 46 | 5.3 | 0.426 | 27.8 | 9.7 | 5.02 | 42.8112 | -78.8528 |
| 10/4/2016 11:51 | 12.42 | 71.96 | 0 | 0.014 | 0 | 0.001 | 0 | 0 | 46 | 5.7 | 0.515 | 27.7 | 9.8 | 5.01 | 42.8113 | -78.8528 |

| Timestamp (GMT-4) | Batt. Voltage (V) | Current (mA) | Low (ppm) | Peak (ppm) | STEL (ppm) | TWA (ppm) | VOC (ppm) | VOC (Avg15) (ppm) | Humidity (%) | Mass (µg/m³) | Particle size (µm) | Temperature (°C) | TWA (µg/m³) | Mass (Avg15) (µg/m³) | Latitude | Longitude |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 10/4/2016 11:50 | 12.42 | 72.35 | 0 | 0.014 | 0 | 0.001 | 0 | 0 | 47 | 5.2 | 0.649 | 27.7 | 9.8 | 4.99 | 42.8112 | -78.8528 |
| 10/4/2016 11:49 | 12.4 | 87.34 | 0 | 0.014 | 0 | 0.001 | 0 | 0 | 46 | 5.2 | 0.5 | 27.7 | 9.8 | 5.01 | 42.8113 | -78.8528 |
| 10/4/2016 11:48 | 12.41 | 73.26 | 0 | 0.014 | 0 | 0.001 | 0 | 0 | 47 | 5.2 | 0.721 | 27.6 | 9.8 | 5.01 | 42.8113 | -78.8528 |
| 10/4/2016 11:47 | 12.42 | 71.06 | 0 | 0.014 | 0 | 0.001 | 0 | 0 | 47 | 4 | 0.555 | 27.6 | 9.8 | 4.99 | 42.8113 | -78.8528 |
| 10/4/2016 11:46 | 12.42 | 69.9 | 0 | 0.014 | 0 | 0.001 | 0 | 0 | 47 | 6.2 | 0.595 | 27.5 | 9.8 | 5.03 | 42.8113 | -78.8528 |
| 10/4/2016 11:45 | 12.39 | 89.02 | 0 | 0.014 | 0 | 0.001 | 0 | 0 | 47 | 5.1 | 0.392 | 27.5 | 9.9 | 4.97 | 42.8112 | -78.8528 |
| 10/4/2016 11:44 | 12.42 | 68.09 | 0 | 0.014 | 0 | 0.001 | 0 | 0 | 47 | 5.4 | 0.543 | 27.3 | 9.9 | 5.01 | 42.8112 | -78.8528 |
| 10/4/2016 11:43 | 12.42 | 67.44 | 0 | 0.014 | 0 | 0.001 | 0 | 0 | 47 | 3.7 | 0.431 | 27.4 | 9.9 | 5.07 | 42.8112 | -78.8528 |
| 10/4/2016 11:42 | 12.42 | 69.77 | 0 | 0.014 | 0 | 0.001 | 0 | 0 | 48 | 4.6 | 0.479 | 27.3 | 9.9 | 5.27 | 42.8112 | -78.8528 |
| 10/4/2016 11:41 | 12.41 | 69.51 | 0 | 0.014 | 0 | 0.001 | 0 | 0 | 47 | 5.2 | 0.546 | 27.2 | 9.9 | 5.35 | 42.8112 | -78.8528 |
| 10/4/2016 11:40 | 12.42 | 67.44 | 0 | 0.014 | 0 | 0.001 | 0 | 0 | 48 | 4.5 | 0.42 | 27.2 | 9.9 | 5.39 | 42.8112 | -78.8528 |
| 10/4/2016 11:39 | 12.38 | 88.63 | 0 | 0.014 | 0 | 0.001 | 0 | 0 | 48 | 4.6 | 0.461 | 27.1 | 10 | 5.51 | 42.8113 | -78.8528 |
| 10/4/2016 11:38 | 12.42 | 68.35 | 0 | 0.014 | 0 | 0.001 | 0 | 0 | 49 | 5.4 | 0.497 | 27.1 | 10 | 5.56 | 42.8113 | -78.8528 |
| 10/4/2016 11:37 | 12.39 | 86.95 | 0 | 0.014 | 0 | 0.001 | 0 | 0 | 49 | 5.1 | 0.593 | 27 | 10 | 5.57 | 42.8113 | -78.8528 |
| 10/4/2016 11:36 | 12.42 | 67.57 | 0 | 0.014 | 0 | 0.001 | 0 | 0 | 48 | 5.5 | 0.656 | 27 | 10 | 5.67 | 42.8112 | -78.8528 |
| 10/4/2016 11:35 | 12.42 | 66.28 | 0 | 0.014 | 0 | 0.001 | 0 | 0 | 48 | 5.4 | 0.538 | 27 | 10 | 5.71 | 42.8113 | -78.8528 |
| 10/4/2016 11:34 | 12.42 | 70.16 | 0 | 0.014 | 0 | 0.001 | 0 | 0 | 49 | 5.2 | 0.459 | 26.8 | 10.1 | 5.79 | 42.8113 | -78.8528 |
| 10/4/2016 11:33 | 12.39 | 83.85 | 0 | 0.014 | 0 | 0.001 | 0 | 0 | 49 | 4.9 | 0.621 | 26.7 | 10.1 | 5.95 | 42.8112 | -78.8528 |
| 10/4/2016 11:32 | 12.41 | 73.13 | 0 | 0.014 | 0 | 0.001 | 0 | 0 | 49 | 4.7 | 0.486 | 26.7 | 10.1 | 6.06 | 42.8112 | -78.8528 |
| 10/4/2016 11:31 | 12.42 | 72.35 | 0 | 0.014 | 0 | 0.001 | 0 | 0 | 49 | 5.3 | 0.518 | 26.6 | 10.1 | 6.13 | 42.8113 | -78.8528 |
| 10/4/2016 11:30 | 12.42 | 67.96 | 0 | 0.014 | 0 | 0.001 | 0 | 0 | 50 | 5.7 | 0.781 | 26.6 | 10.1 | 6.05 | 42.8112 | -78.8528 |
| 10/4/2016 11:29 | 12.39 | 85.27 | 0 | 0.014 | 0 | 0.001 | 0 | 0 | 48 | 6.3 | 0.721 | 26.6 | 10.1 | 5.97 | 42.8113 | -78.8528 |
| 10/4/2016 11:28 | 12.42 | 70.03 | 0 | 0.014 | 0 | 0.001 | 0 | 0 | 49 | 6.6 | 0.754 | 26.5 | 10.2 | 5.94 | 42.8113 | -78.8528 |
| 10/4/2016 11:27 | 12.42 | 69.9 | 0 | 0.014 | 0 | 0.001 | 0 | 0 | 49 | 5.8 | 0.649 | 26.5 | 10.2 | 5.93 | 42.8112 | -78.8528 |
| 10/4/2016 11:26 | 12.41 | 69.9 | 0 | 0.014 | 0 | 0.001 | 0 | 0 | 49 | 5.8 | 0.512 | 26.3 | 10.2 | 5.93 | 42.8112 | -78.8528 |
| 10/4/2016 11:25 | 12.42 | 73.13 | 0 | 0.014 | 0 | 0.001 | 0 | 0 | 50 | 6.4 | 0.594 | 26.4 | 10.2 | 5.99 | 42.8113 | -78.8528 |
| 10/4/2016 11:24 | 12.42 | 74.29 | 0 | 0.014 | 0 | 0.001 | 0 | 0 | 49 | 5.3 | 0.662 | 26.3 | 10.2 | 5.88 | 42.8113 | -78.8528 |
| 10/4/2016 11:23 | 12.42 | 71.71 | 0 | 0.014 | 0 | 0.001 | 0 | 0 | 51 | 5.6 | 0.616 | 26.2 | 10.2 | 5.85 | 42.8112 | -78.8528 |
| 10/4/2016 11:22 | 12.43 | 67.7 | 0 | 0.014 | 0 | 0.001 | 0 | 0 | 50 | 6.5 | 0.683 | 26.1 | 10.2 | 5.87 | 42.8113 | -78.8528 |
| 10/4/2016 11:21 | 12.42 | 73.9 | 0 | 0.014 | 0 | 0.001 | 0 | 0 | 51 | 6.2 | 0.584 | 26.2 | 10.3 | 5.89 | 42.8113 | -78.8528 |
| 10/4/2016 11:20 | 12.42 | 71.32 | 0 | 0.014 | 0 | 0.001 | 0 | 0 | 50 | 6.5 | 0.548 | 26.1 | 10.3 | 5.95 | 42.8113 | -78.8528 |
| 10/4/2016 11:19 | 12.43 | 66.93 | 0 | 0.014 | 0 | 0.001 | 0 | 0 | 50 | 7.6 | 0.738 | 26 | 10.3 | 5.99 | 42.8113 | -78.8528 |
| 10/4/2016 11:18 | 12.42 | 70.41 | 0 | 0.014 | 0 | 0.001 | 0 | 0 | 51 | 6.6 | 0.652 | 26 | 10.3 | 5.88 | 42.8113 | -78.8528 |
| 10/4/2016 11:17 | 12.42 | 73.13 | 0 | 0.014 | 0 | 0.001 | 0 | 0 | 51 | 5.8 | 0.59 | 26 | 10.3 | 5.83 | 42.8113 | -78.8528 |
| 10/4/2016 11:16 | 12.44 | 70.93 | 0 | 0.014 | 0 | 0.001 | 0 | 0 | 51 | 4 | 0.491 | 25.9 | 10.3 | 5.91 | 42.8113 | -78.8528 |
| 10/4/2016 11:15 | 12.43 | 71.32 | 0 | 0.014 | 0 | 0.001 | 0 | 0 | 51 | 4.5 | 0.464 | 25.8 | 10.4 | 6.16 | 42.8113 | -78.8528 |
| 10/4/2016 11:14 | 12.44 | 67.44 | 0 | 0.014 | 0 | 0.001 | 0 | 0 | 52 | 5.9 | 0.606 | 25.8 | 10.4 | 6.35 | 42.8113 | -78.8528 |
| 10/4/2016 11:13 | 12.41 | 84.63 | 0 | 0.014 | 0 | 0.001 | 0 | 0 | 51 | 6.4 | 1.012 | 25.6 | 10.4 | 6.35 | 42.8113 | -78.8528 |
| 10/4/2016 11:12 | 12.44 | 66.02 | 0 | 0.014 | 0 | 0.001 | 0 | 0 | 52 | 5.8 | 0.613 | 25.6 | 10.4 | 6.32 | 42.8112 | -78.8528 |
| 10/4/2016 11:11 | 12.44 | 71.06 | 0 | 0.014 | 0 | 0.001 | 0 | 0 | 51 | 6.7 | 0.622 | 25.5 | 10.4 | 6.33 | 42.8112 | -78.8528 |
| 10/4/2016 11:10 | 12.43 | 75.45 | 0 | 0.014 | 0 | 0.001 | 0 | 0 | 52 | 4.8 | 0.505 | 25.5 | 10.5 | 6.23 | 42.8113 | -78.8528 |
| 10/4/2016 11:09 | 12.42 | 71.58 | 0 | 0.014 | 0 | 0.001 | 0 | 0 | 53 | 4.9 | 0.471 | 25.5 | 10.5 | 6.33 | 42.8112 | -78.8528 |
| 10/4/2016 11:08 | 12.44 | 66.8 | 0 | 0.014 | 0 | 0.001 | 0 | 0 | 52 | 5.8 | 0.584 | 25.3 | 10.5 | 6.35 | 42.8112 | -78.8528 |
| 10/4/2016 11:07 | 12.43 | 76.87 | 0 | 0.014 | 0 | 0.001 | 0 | 0 | 52 | 6.8 | 0.655 | 25.2 | 10.5 | 6.42 | 42.8112 | -78.8528 |
| 10/4/2016 11:06 | 12.43 | 76.36 | 0 | 0.014 | 0 | 0.001 | 0 | 0 | 54 | 7.2 | 1.156 | 25.1 | 10.5 | 6.34 | 42.8113 | -78.8528 |
| 10/4/2016 11:05 | 12.44 | 67.7 | 0 | 0.014 | 0 | 0.001 | 0 | 0 | 54 | 7.1 | 0.536 | 25.1 | 10.5 | 6.31 | 42.8113 | -78.8528 |

| Timestamp (GMT-4) | Batt. Voltage (V) | Current (mA) | Low (ppm) | Peak (ppm) | STEL (ppm) | TWA (ppm) | VOC (ppm) | VOC (Avg15) (ppm) | Humidity (%) | Mass (µg/m³) | Particle size (µm) | Temperature (°C) | TWA (µg/m³) | Mass (Avg15) (µg/m³) | Latitude | Longitude |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 10/4/2016 11:04 | 12.43 | 74.29 | 0 | 0.014 | 0 | 0.001 | 0 | 0 | 54 | 5.9 | 0.683 | 25 | 10.6 | 6.29 | 42.8113 | -78.8528 |
| 10/4/2016 11:03 | 12.44 | 67.7 | 0 | 0.014 | 0 | 0.001 | 0 | 0 | 53 | 5.9 | 0.654 | 24.8 | 10.6 | 6.3 | 42.8113 | -78.8528 |
| 10/4/2016 11:02 | 12.44 | 65.89 | 0 | 0.014 | 0 | 0.001 | 0 | 0 | 53 | 7 | 0.643 | 24.8 | 10.6 | 6.3 | 42.8113 | -78.8528 |
| 10/4/2016 11:01 | 12.44 | 71.32 | 0 | 0.014 | 0 | 0.001 | 0 | 0 | 54 | 7.7 | 0.922 | 24.8 | 10.6 | 6.19 | 42.8113 | -78.8528 |
| 10/4/2016 11:00 | 12.41 | 86.69 | 0 | 0.014 | 0 | 0.001 | 0 | 0 | 53 | 7.4 | 0.765 | 24.8 | 10.6 | 6.11 | 42.8113 | -78.8528 |
| 10/4/2016 10:59 | 12.44 | 67.44 | 0 | 0.014 | 0 | 0.001 | 0 | 0 | 54 | 5.9 | 0.7 | 24.6 | 10.7 | 5.99 | 42.8113 | -78.8528 |
| 10/4/2016 10:58 | 12.41 | 87.86 | 0 | 0.014 | 0 | 0.001 | 0 | 0 | 53 | 5.9 | 0.656 | 24.6 | 10.7 | 6 | 42.8113 | -78.8528 |
| 10/4/2016 10:57 | 12.44 | 67.18 | 0 | 0.014 | 0 | 0.001 | 0 | 0 | 54 | 5.9 | 0.694 | 24.5 | 10.7 | 6.01 | 42.8113 | -78.8528 |
| 10/4/2016 10:56 | 12.41 | 92.51 | 0 | 0.014 | 0 | 0.001 | 0 | 0 | 54 | 5.3 | 0.635 | 24.3 | 10.7 | 6.12 | 42.8113 | -78.8528 |
| 10/4/2016 10:55 | 12.44 | 66.54 | 0 | 0.014 | 0 | 0.001 | 0 | 0 | 54 | 6.2 | 0.669 | 24.4 | 10.7 | 6.17 | 42.8113 | -78.8528 |
| 10/4/2016 10:54 | 12.44 | 69.12 | 0 | 0.014 | 0 | 0.001 | 0 | 0 | 54 | 5.3 | 0.647 | 24.3 | 10.8 | 6.22 | 42.8113 | -78.8528 |
| 10/4/2016 10:53 | 12.44 | 67.05 | 0 | 0.014 | 0 | 0.001 | 0 | 0 | 55 | 6.8 | 0.764 | 24.2 | 10.8 | 6.3 | 42.8113 | -78.8528 |
| 10/4/2016 10:52 | 12.43 | 68.99 | 0 | 0.014 | 0 | 0.001 | 0 | 0 | 55 | 5.6 | 2.373 | 24.2 | 10.8 | 6.16 | 42.8113 | -78.8528 |
| 10/4/2016 10:51 | 12.44 | 68.35 | 0 | 0.014 | 0 | 0.001 | 0 | 0 | 55 | 6.8 | 0.644 | 24.1 | 10.8 | 6.23 | 42.8113 | -78.8528 |
| 10/4/2016 10:50 | 12.43 | 70.41 | 0 | 0.014 | 0 | 0.001 | 0 | 0 | 55 | 6.8 | 0.743 | 24 | 10.8 | 6.26 | 42.8113 | -78.8528 |
| 10/4/2016 10:49 | 12.43 | 69.25 | 0 | 0.014 | 0 | 0.001 | 0 | 0 | 55 | 6 | 0.581 | 24 | 10.9 | 6.28 | 42.8113 | -78.8528 |
| 10/4/2016 10:48 | 12.42 | 78.42 | 0 | 0.014 | 0 | 0.001 | 0 | 0 | 56 | 5.9 | 0.531 | 23.9 | 10.9 | 6.35 | 42.8113 | -78.8528 |
| 10/4/2016 10:47 | 12.43 | 69.64 | 0 | 0.014 | 0 | 0.001 | 0 | 0 | 56 | 5.4 | 0.746 | 23.7 | 10.9 | 6.47 | 42.8113 | -78.8528 |
| 10/4/2016 10:46 | 12.42 | 72.35 | 0 | 0.014 | 0 | 0.001 | 0 | 0 | 57 | 6.5 | 0.584 | 23.7 | 10.9 | 6.57 | 42.8113 | -78.8528 |
| 10/4/2016 10:45 | 12.43 | 73.51 | 0 | 0.014 | 0 | 0.001 | 0 | 0 | 57 | 5.6 | 0.518 | 23.6 | 10.9 | 6.55 | 42.8113 | -78.8528 |
| 10/4/2016 10:44 | | | 0 | 0.014 | 0 | 0.001 | 0 | 0 | | | | | | | | |
| 10/4/2016 10:43 | 12.43 | 66.93 | | | | | | | | | | | | | 42.8113 | -78.8528 |
| 10/4/2016 10:42 | 12.43 | 69.64 | 0 | 0.014 | 0 | 0.001 | 0 | 0 | 57 | 7.4 | 0.621 | 23.4 | 11 | 6.57 | 42.8113 | -78.8528 |
| 10/4/2016 10:41 | 12.42 | 69.51 | 0 | 0.014 | 0 | 0.001 | 0 | 0 | 57 | 5.9 | 0.936 | 23.3 | 11 | 6.47 | 42.8113 | -78.8528 |
| 10/4/2016 10:40 | 12.43 | 73 | 0 | 0.014 | 0 | 0.001 | 0 | 0 | 58 | 6.8 | 0.695 | 23.3 | 11 | 6.53 | 42.8113 | -78.8528 |
| 10/4/2016 10:39 | 12.43 | 69.77 | 0 | 0.014 | 0 | 0.001 | 0 | 0 | 58 | 6.4 | 0.665 | 23.1 | 11.1 | 6.48 | 42.8113 | -78.8528 |
| 10/4/2016 10:38 | 12.43 | 68.35 | 0 | 0.014 | 0 | 0.001 | 0 | 0 | 58 | 5 | 0.538 | 23.1 | 11.1 | 6.49 | 42.8113 | -78.8528 |
| 10/4/2016 10:37 | 12.41 | 83.98 | 0 | 0.014 | 0 | 0.001 | 0 | 0 | 58 | 6.5 | 0.652 | 23.1 | 11.1 | 6.62 | 42.8113 | -78.8528 |
| 10/4/2016 10:36 | 12.42 | 72.35 | 0 | 0.014 | 0 | 0.001 | 0 | 0 | 58 | 7.2 | 0.895 | 23 | 11.1 | 6.69 | 42.8113 | -78.8528 |
| 10/4/2016 10:35 | 12.43 | 69.25 | 0 | 0.014 | 0 | 0.001 | 0 | 0 | 58 | 7.1 | 0.637 | 22.8 | 11.1 | 6.75 | 42.8113 | -78.8529 |
| 10/4/2016 10:34 | 12.43 | 70.54 | 0 | 0.014 | 0 | 0.001 | 0 | 0 | 58 | 6.9 | 0.855 | 22.8 | 11.2 | 6.81 | 42.8113 | -78.8528 |
| 10/4/2016 10:33 | 12.42 | 74.42 | 0 | 0.014 | 0 | 0.001 | 0 | 0 | 58 | 7.4 | 0.926 | 22.7 | 11.2 | 6.75 | 42.8113 | -78.8528 |
| 10/4/2016 10:32 | 12.42 | 72.74 | 0 | 0.014 | 0 | 0.001 | 0 | 0 | 58 | 6.7 | 0.696 | 22.7 | 11.2 | 6.9 | 42.8113 | -78.8528 |
| 10/4/2016 10:31 | 12.43 | 70.03 | 0 | 0.014 | 0 | 0.001 | 0 | 0 | 58 | 6.2 | 0.63 | 22.7 | 11.2 | 7.19 | 42.8113 | -78.8528 |
| 10/4/2016 10:30 | 12.41 | 75.84 | 0 | 0.014 | 0 | 0.001 | 0 | 0 | 59 | 6.2 | 0.912 | 22.6 | 11.3 | 7.27 | 42.8113 | -78.8528 |
| 10/4/2016 10:29 | 12.42 | 73.39 | 0 | 0.014 | 0 | 0.001 | 0 | 0 | 59 | 6.6 | 0.793 | 22.5 | 11.3 | 7.33 | 42.8113 | -78.8528 |
| 10/4/2016 10:28 | 12.43 | 67.31 | 0 | 0.014 | 0 | 0.001 | 0 | 0 | 59 | 6.2 | 0.731 | 22.4 | 11.3 | 7.23 | 42.8113 | -78.8528 |
| 10/4/2016 10:27 | 12.42 | 69.9 | 0 | 0.014 | 0 | 0.001 | 0 | 0 | 60 | 6 | 0.562 | 22.4 | 11.3 | 7.2 | 42.8113 | -78.8528 |
| 10/4/2016 10:26 | 12.42 | 71.19 | 0 | 0.014 | 0 | 0.001 | 0 | 0 | 60 | 6.7 | 0.871 | 22.3 | 11.4 | 7.18 | 42.8113 | -78.8528 |
| 10/4/2016 10:25 | 12.43 | 68.86 | 0 | 0.014 | 0 | 0.001 | 0 | 0 | 60 | 6.1 | 0.686 | 22.1 | 11.4 | 7.15 | 42.8113 | -78.8528 |
| 10/4/2016 10:24 | 12.42 | 73.13 | 0 | 0.014 | 0 | 0.001 | 0 | 0 | 60 | 6.6 | 0.675 | 22.1 | 11.4 | 7.17 | 42.8112 | -78.8528 |
| 10/4/2016 10:23 | 12.41 | 74.16 | 0 | 0.014 | 0 | 0.001 | 0 | 0 | 61 | 6.9 | 1.104 | 22.1 | 11.4 | 7.13 | 42.8113 | -78.8528 |
| 10/4/2016 10:22 | 12.42 | 73.26 | 0 | 0.014 | 0 | 0.001 | 0 | 0 | 61 | 7.5 | 1.177 | 22 | 11.4 | 7.11 | 42.8113 | -78.8528 |
| 10/4/2016 10:21 | 12.42 | 73.64 | 0 | 0.014 | 0 | 0.001 | 0 | 0 | 61 | 8.1 | 1.01 | 21.8 | 11.5 | 7.07 | 42.8113 | -78.8528 |
| 10/4/2016 10:20 | 12.43 | 68.99 | 0 | 0.014 | 0 | 0.001 | 0 | 0 | 61 | 8.1 | 1.164 | 21.8 | 11.5 | 6.96 | 42.8113 | -78.8528 |
| 10/4/2016 10:19 | 12.43 | 69.51 | 0 | 0.014 | 0 | 0.001 | 0 | 0 | 61 | 5.9 | 0.532 | 21.8 | 11.5 | 6.87 | 42.8112 | -78.8528 |

| Timestamp (GMT-4) | Batt. Voltage (V) | Current (mA) | Low (ppm) | Peak (ppm) | STEL (ppm) | TWA (ppm) | VOC (ppm) | VOC (Avg15) (ppm) | Humidity (%) | Mass (µg/m³) | Particle size (µm) | Temperature (°C) | TWA (µg/m³) | Mass (Avg15) (µg/m³) | Latitude | Longitude |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 10/4/2016 10:18 | 12.42 | 70.54 | 0 | 0.014 | 0 | 0.001 | 0 | 0 | 61 | 9.7 | 1.876 | 21.6 | 11.5 | 7.03 | 42.8112 | -78.8528 |
| 10/4/2016 10:17 | 12.43 | 68.22 | 0 | 0.014 | 0 | 0.001 | 0 | 0 | 62 | 11 | 1.643 | 21.6 | 11.5 | 6.81 | 42.8112 | -78.8528 |
| 10/4/2016 10:16 | 12.42 | 67.05 | 0 | 0.014 | 0 | 0.001 | 0 | 0 | 62 | 7.5 | 0.83 | 21.5 | 11.5 | 6.54 | 42.8112 | -78.8528 |
| 10/4/2016 10:15 | 12.42 | 77.13 | 0 | 0.014 | 0 | 0.001 | 0 | 0 | 61 | 7 | 0.556 | 21.4 | 11.6 | 6.43 | 42.8113 | -78.8528 |
| 10/4/2016 10:14 | 12.43 | 71.96 | 0 | 0.014 | 0 | 0.001 | 0 | 0 | 62 | 5.2 | 0.519 | 21.4 | 11.6 | 6.51 | 42.8113 | -78.8528 |
| 10/4/2016 10:13 | 12.41 | 79.2 | 0 | 0.014 | 0 | 0.001 | 0 | 0 | 62 | 5.7 | 0.615 | 21.3 | 11.6 | 6.55 | 42.8112 | -78.8528 |
| 10/4/2016 10:12 | 12.42 | 68.48 | 0 | 0.014 | 0 | 0.001 | 0 | 0 | 61 | 5.7 | 0.722 | 21.2 | 11.7 | 6.6 | 42.8112 | -78.8528 |
| 10/4/2016 10:11 | 12.42 | 73.64 | 0 | 0.014 | 0 | 0.001 | 0 | 0 | 63 | 6.2 | 0.691 | 21.2 | 11.7 | 6.65 | 42.8112 | -78.8528 |
| 10/4/2016 10:10 | 12.41 | 75.45 | 0 | 0.014 | 0 | 0.001 | 0 | 0 | 63 | 6.4 | 0.787 | 21.1 | 11.7 | 6.66 | 42.8113 | -78.8528 |
| 10/4/2016 10:09 | 12.41 | 78.04 | 0 | 0.014 | 0 | 0.001 | 0 | 0 | 63 | 6 | 0.7 | 21.1 | 11.7 | 6.69 | 42.8112 | -78.8528 |
| 10/4/2016 10:08 | 12.42 | 71.06 | 0 | 0.014 | 0 | 0.001 | 0 | 0 | 63 | 6.6 | 0.642 | 20.9 | 11.8 | 6.73 | 42.8113 | -78.8528 |
| 10/4/2016 10:07 | 12.42 | 67.7 | 0 | 0.014 | 0 | 0.001 | 0 | 0 | 63 | 7 | 0.777 | 20.8 | 11.8 | 6.85 | 42.8112 | -78.8528 |
| 10/4/2016 10:06 | 12.41 | 77.91 | 0 | 0.014 | 0 | 0.001 | 0 | 0 | 64 | 6.4 | 0.924 | 20.8 | 11.8 | 6.99 | 42.8112 | -78.8528 |
| 10/4/2016 10:05 | 12.42 | 72.87 | 0 | 0.014 | 0 | 0.001 | 0 | 0 | 64 | 6.8 | 1.051 | 20.8 | 11.9 | 7.05 | 42.8112 | -78.8528 |
| 10/4/2016 10:04 | 12.42 | 73.26 | 0 | 0.014 | 0 | 0.001 | 0 | 0 | 63 | 8.3 | 0.934 | 20.7 | 11.9 | 7.13 | 42.8112 | -78.8528 |
| 10/4/2016 10:03 | 12.42 | 69.51 | 0 | 0.014 | 0 | 0.001 | 0 | 0 | 65 | 6.3 | 1.012 | 20.6 | 11.9 | 7.11 | 42.8112 | -78.8528 |
| 10/4/2016 10:02 | 12.42 | 68.99 | 0 | 0.014 | 0 | 0.001 | 0 | 0 | 65 | 7 | 1.183 | 20.5 | 11.9 | 7.35 | 42.8113 | -78.8528 |
| 10/4/2016 10:01 | 12.42 | 73.77 | 0 | 0.014 | 0 | 0.001 | 0 | 0 | 65 | 5.9 | 0.624 | 20.5 | 12 | 7.37 | 42.8113 | -78.8528 |
| 10/4/2016 10:00 | 12.43 | 68.09 | 0 | 0.014 | 0 | 0.001 | 0 | 0 | 65 | 8.1 | 1.028 | 20.3 | 12 | 7.41 | 42.8112 | -78.8528 |
| 10/4/2016 9:59 | 12.42 | 67.31 | 0 | 0.014 | 0 | 0.001 | 0 | 0 | 66 | 5.9 | 0.814 | 20.3 | 12 | 7.24 | 42.8113 | -78.8528 |
| 10/4/2016 9:58 | 12.41 | 79.72 | 0 | 0.014 | 0 | 0.001 | 0 | 0 | 65 | 6.4 | 0.672 | 20.2 | 12.1 | 7.41 | 42.8113 | -78.8528 |
| 10/4/2016 9:57 | 12.41 | 80.1 | 0 | 0.014 | 0 | 0.001 | 0 | 0 | 66 | 6.4 | 0.953 | 20.1 | 12.1 | 7.38 | 42.8112 | -78.8528 |
| 10/4/2016 9:56 | 12.41 | 76.62 | 0 | 0.014 | 0 | 0.001 | 0 | 0 | 66 | 6.4 | 0.679 | 20.1 | 12.1 | 7.33 | 42.8113 | -78.8528 |
| 10/4/2016 9:55 | 12.42 | 68.99 | 0 | 0.014 | 0 | 0.001 | 0 | 0 | 67 | 6.8 | 1.552 | 20 | 12.2 | 7.33 | 42.8113 | -78.8528 |
| 10/4/2016 9:54 | 12.42 | 70.67 | 0 | 0.014 | 0 | 0.001 | 0 | 0 | 66 | 6.6 | 0.784 | 19.9 | 12.2 | 7.29 | 42.8113 | -78.8528 |
| 10/4/2016 9:53 | 12.42 | 73.13 | 0 | 0.014 | 0 | 0.001 | 0 | 0 | 66 | 8.5 | 0.785 | 19.8 | 12.2 | 7.27 | 42.8113 | -78.8528 |
| 10/4/2016 9:52 | 12.42 | 68.6 | 0 | 0.014 | 0 | 0.001 | 0 | 0 | 67 | 9.1 | 1.048 | 19.7 | 12.3 | 7.02 | 42.8113 | -78.8528 |
| 10/4/2016 9:51 | 12.42 | 71.96 | 0 | 0.014 | 0 | 0.001 | 0 | 0 | 67 | 7.3 | 0.854 | 19.7 | 12.3 | 6.75 | 42.8113 | -78.8528 |
| 10/4/2016 9:50 | 12.42 | 67.83 | 0 | 0.014 | 0 | 0.001 | 0 | 0 | 67 | 7.9 | 0.991 | 19.6 | 12.3 | 6.62 | 42.8113 | -78.8528 |
| 10/4/2016 9:49 | 12.42 | 68.48 | 0 | 0.014 | 0 | 0.001 | 0 | 0 | 67 | 8 | 1.359 | 19.6 | 12.3 | 6.54 | 42.8113 | -78.8528 |
| 10/4/2016 9:48 | 12.42 | 72.74 | 0 | 0.014 | 0 | 0.001 | 0 | 0 | 68 | 10 | 1.537 | 19.5 | 12.4 | 6.44 | 42.8113 | -78.8528 |
| 10/4/2016 9:47 | 12.4 | 85.14 | 0 | 0.014 | 0 | 0.001 | 0 | 0 | 67 | 7.3 | 1.34 | 19.5 | 12.4 | 6.25 | 42.8113 | -78.8528 |
| 10/4/2016 9:46 | 12.42 | 71.32 | 0 | 0.014 | 0 | 0.001 | 0 | 0 | 68 | 6.4 | 1.015 | 19.3 | 12.4 | 6.21 | 42.8113 | -78.8528 |
| 10/4/2016 9:45 | 12.42 | 67.96 | 0 | 0.014 | 0 | 0.001 | 0 | 0 | 67 | 5.6 | 0.629 | 19.2 | 12.5 | 6.19 | 42.8113 | -78.8528 |
| 10/4/2016 9:44 | 12.42 | 68.86 | 0 | 0.014 | 0 | 0.001 | 0 | 0 | 68 | 8.5 | 2.005 | 19.2 | 12.5 | 6.23 | 42.8113 | -78.8528 |
| 10/4/2016 9:43 | 12.42 | 66.54 | 0 | 0.014 | 0 | 0.001 | 0 | 0 | 68 | 5.9 | 0.848 | 19.1 | 12.5 | 6.08 | 42.8113 | -78.8528 |
| 10/4/2016 9:42 | 12.42 | 68.09 | 0 | 0.014 | 0 | 0.001 | 0 | 0 | 68 | 5.7 | 0.855 | 19 | 12.6 | 6.14 | 42.8113 | -78.8528 |
| 10/4/2016 9:41 | 12.41 | 69.51 | 0 | 0.014 | 0 | 0.001 | 0 | 0 | 68 | 6.3 | 0.7 | 19 | 12.6 | 6.27 | 42.8113 | -78.8528 |
| 10/4/2016 9:40 | 12.41 | 72.09 | 0 | 0.014 | 0 | 0.001 | 0 | 0 | 69 | 6.2 | 0.853 | 18.8 | 12.7 | 6.54 | 42.8113 | -78.8528 |
| 10/4/2016 9:39 | 12.42 | 70.16 | 0 | 0.014 | 0 | 0.001 | 0 | 0 | 69 | 6.3 | 0.69 | 18.8 | 12.7 | 6.7 | 42.8113 | -78.8528 |
| 10/4/2016 9:38 | 12.39 | 87.6 | 0 | 0.014 | 0 | 0.001 | 0 | 0 | 69 | 4.8 | 0.645 | 18.6 | 12.7 | 7.25 | 42.8113 | -78.8528 |
| 10/4/2016 9:37 | 12.41 | 69.38 | 0 | 0.014 | 0 | 0.001 | 0 | 0 | 70 | 5.1 | 0.72 | 18.6 | 12.8 | 7.51 | 42.8113 | -78.8528 |
| 10/4/2016 9:36 | 12.4 | 77.91 | 0 | 0.014 | 0 | 0.001 | 0 | 0 | 70 | 5.3 | 0.732 | 18.5 | 12.8 | 7.84 | 42.8113 | -78.8528 |
| 10/4/2016 9:35 | 12.42 | 69.77 | 0 | 0.014 | 0 | 0.001 | 0 | 0 | 71 | 6.7 | 0.796 | 18.4 | 12.9 | 8.15 | 42.8113 | -78.8528 |
| 10/4/2016 9:34 | 12.42 | 73.13 | 0 | 0.014 | 0 | 0.001 | 0 | 0 | 71 | 6.5 | 0.784 | 18.5 | 12.9 | 8.41 | 42.8113 | -78.8528 |
| 10/4/2016 9:33 | 12.42 | 69.38 | 0 | 0.014 | 0 | 0.001 | 0 | 0 | 71 | 7.2 | 0.886 | 18.3 | 13 | 8.81 | 42.8113 | -78.8528 |

| Timestamp (GMT-4) | Batt. Voltage (V) | Current (mA) | Low (ppm) | Peak (ppm) | STEL (ppm) | TWA (ppm) | VOC (ppm) | VOC (Avg15) (ppm) | Humidity (%) | Mass (µg/m³) | Particle size (µm) | Temperature (°C) | TWA (µg/m³) | Mass (Avg15) (µg/m³) | Latitude | Longitude |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 10/4/2016 9:32 | 12.42 | 69.38 | 0 | 0.014 | 0 | 0.001 | 0 | 0 | 71 | 6.7 | 0.888 | 18.3 | 13 | 8.99 | 42.8113 | -78.8528 |
| 10/4/2016 9:31 | 12.41 | 70.54 | 0 | 0.014 | 0 | 0.001 | 0 | 0 | 71 | 6 | 0.824 | 18.2 | 13.1 | 9.25 | 42.8113 | -78.8528 |
| 10/4/2016 9:30 | 12.42 | 69.25 | 0 | 0.014 | 0 | 0.001 | 0 | 0 | 72 | 6.2 | 0.643 | 18.1 | 13.1 | 9.65 | 42.8113 | -78.8528 |
| 10/4/2016 9:29 | 12.42 | 71.45 | 0 | 0.014 | 0 | 0.001 | 0 | 0 | 72 | 6.3 | 0.848 | 18 | 13.2 | 10.01 | 42.8113 | -78.8528 |
| 10/4/2016 9:28 | 12.42 | 68.09 | 0 | 0.014 | 0 | 0.001 | 0 | 0 | 71 | 6.8 | 0.85 | 18 | 13.2 | 10.22 | 42.8113 | -78.8528 |
| 10/4/2016 9:27 | 12.37 | 102.2 | 0 | 0.014 | 0 | 0.001 | 0 | 0 | 72 | 7.6 | 1.092 | 17.9 | 13.3 | 10.31 | 42.8113 | -78.8528 |
| 10/4/2016 9:26 | 12.41 | 69.38 | 0 | 0.014 | 0 | 0.001 | 0 | 0 | 72 | 10.4 | 1.101 | 17.7 | 13.3 | 10.45 | 42.8113 | -78.8528 |
| 10/4/2016 9:25 | 12.41 | 69.25 | 0 | 0.014 | 0 | 0.001 | 0 | 0 | 72 | 8.6 | 2.004 | 17.7 | 13.3 | 10.35 | 42.8113 | -78.8528 |
| 10/4/2016 9:24 | 12.41 | 73.39 | 0 | 0.014 | 0 | 0.001 | 0 | 0 | 73 | 14.5 | 4 | 17.7 | 13.3 | 10.29 | 42.8113 | -78.8528 |
| 10/4/2016 9:23 | 12.4 | 72.48 | 0 | 0.014 | 0 | 0.001 | 0 | 0 | 73 | 8.8 | 1.575 | 17.6 | 13.3 | 9.85 | 42.8113 | -78.8528 |
| 10/4/2016 9:22 | 12.41 | 77.39 | 0 | 0.014 | 0 | 0.001 | 0 | 0 | 73 | 10 | 1.431 | 17.5 | 13.3 | 9.8 | 42.8113 | -78.8528 |
| 10/4/2016 9:21 | 12.42 | 69.12 | 0 | 0.014 | 0 | 0.001 | 0 | 0.0001 | 74 | 10 | 1.989 | 17.4 | 13.4 | 9.74 | 42.8113 | -78.8528 |
| 10/4/2016 9:20 | 12.41 | 70.16 | 0 | 0.014 | 0 | 0.001 | 0 | 0.0001 | 73 | 10.6 | 1.517 | 17.3 | 13.4 | 9.66 | 42.8113 | -78.8528 |
| 10/4/2016 9:19 | 12.41 | 71.06 | 0 | 0.014 | 0 | 0.001 | 0 | 0.0001 | 74 | 12.4 | 4 | 17.2 | 13.4 | 9.57 | 42.8113 | -78.8528 |
| 10/4/2016 9:18 | 12.42 | 66.8 | 0 | 0.014 | 0 | 0.001 | 0 | 0.0003 | 73 | 10 | 1.163 | 17.2 | 13.4 | 9.31 | 42.8113 | -78.8528 |
| 10/4/2016 9:17 | 12.41 | 72.48 | 0 | 0.014 | 0 | 0.001 | 0 | 0.0003 | 74 | 10.5 | 1.715 | 17.1 | 13.5 | 9.23 | 42.8113 | -78.8528 |
| 10/4/2016 9:16 | 12.41 | 70.67 | 0 | 0.014 | 0 | 0.001 | 0 | 0.0003 | 73 | 12.1 | 2.228 | 17 | 13.5 | 9.05 | 42.8113 | -78.8528 |
| 10/4/2016 9:15 | 12.4 | 70.28 | 0 | 0.014 | 0 | 0.001 | 0 | 0.0003 | 74 | 11.5 | 1.4 | 17 | 13.5 | 8.92 | 42.8113 | -78.8528 |
| 10/4/2016 9:14 | 12.41 | 72.22 | 0 | 0.014 | 0 | 0.001 | 0 | 0.0003 | 74 | 9.5 | 1.506 | 16.9 | 13.5 | 8.81 | 42.8113 | -78.8528 |
| 10/4/2016 9:13 | 12.41 | 70.93 | 0 | 0.014 | 0 | 0.001 | 0 | 0.0003 | 75 | 8.2 | 1.17 | 16.8 | 13.5 | 9 | 42.8113 | -78.8528 |
| 10/4/2016 9:12 | 12.41 | 68.99 | 0 | 0.014 | 0 | 0.001 | 0 | 0.0003 | 74 | 9.7 | 1.333 | 16.7 | 13.6 | 9.34 | 42.8113 | -78.8528 |
| 10/4/2016 9:11 | 12.41 | 73.9 | 0 | 0.014 | 0 | 0.001 | 0 | 0.0003 | 74 | 8.8 | 1.394 | 16.7 | 13.6 | 9.61 | 42.8113 | -78.8528 |
| 10/4/2016 9:10 | 12.41 | 69.51 | 0 | 0.014 | 0 | 0.001 | 0 | 0.0003 | 75 | 7.8 | 1.344 | 16.6 | 13.7 | 9.65 | 42.8113 | -78.8528 |
| 10/4/2016 9:09 | 12.39 | 78.94 | 0 | 0.014 | 0 | 0.001 | 0 | 0.0003 | 74 | 7.9 | 0.941 | 16.5 | 13.7 | 9.74 | 42.8113 | -78.8528 |
| 10/4/2016 9:08 | 12.39 | 71.96 | 0 | 0.014 | 0 | 0.001 | 0 | 0.0004 | 75 | 8 | 1.029 | 16.5 | 13.7 | 9.89 | 42.8113 | -78.8528 |
| 10/4/2016 9:07 | 12.41 | 67.7 | 0.001 | 0.014 | 0 | 0.001 | 0.001 | 0.0005 | 74 | 9.1 | 0.95 | 16.5 | 13.8 | 10.15 | 42.8113 | -78.8528 |
| 10/4/2016 9:06 | 12.41 | 71.32 | 0 | 0.014 | 0 | 0.001 | 0 | 0.0005 | 75 | 8.8 | 1.057 | 16.3 | 13.8 | 10.19 | 42.8113 | -78.8528 |
| 10/4/2016 9:05 | 12.41 | 68.48 | 0 | 0.014 | 0 | 0.001 | 0 | 0.0006 | 75 | 9.2 | 1.366 | 16.4 | 13.9 | 10.22 | 42.8113 | -78.8528 |
| 10/4/2016 9:04 | 12.39 | 72.09 | 0.003 | 0.014 | 0 | 0.001 | 0.003 | 0.0007 | 75 | 8.6 | 1.452 | 16.2 | 13.9 | 10.29 | 42.8113 | -78.8528 |
| 10/4/2016 9:03 | 12.39 | 85.79 | 0 | 0.014 | 0 | 0.001 | 0 | 0.0007 | 75 | 8.7 | 1.094 | 16.2 | 14 | 10.25 | 42.8113 | -78.8528 |
| 10/4/2016 9:02 | 12.4 | 70.67 | 0.001 | 0.014 | 0 | 0.001 | 0 | 0.0007 | 75 | 7.8 | 1.373 | 16.1 | 14 | 10.27 | 42.8113 | -78.8528 |
| 10/4/2016 9:01 | 12.39 | 78.04 | 0 | 0.014 | 0 | 0.001 | 0 | 0.0009 | 75 | 10.2 | 1.575 | 16.1 | 14.1 | 10.32 | 42.8113 | -78.8528 |
| 10/4/2016 9:00 | 12.41 | 68.6 | 0.001 | 0.014 | 0 | 0.001 | 0 | 0.0011 | 75 | 9.8 | 2.074 | 16 | 14.1 | 10.23 | 42.8113 | -78.8528 |
| 10/4/2016 8:59 | 12.39 | 74.16 | 0 | 0.014 | 0 | 0.001 | 0 | 0.0011 | 75 | 12.4 | 3.217 | 16 | 14.1 | 10.19 | 42.8113 | -78.8528 |
| 10/4/2016 8:58 | 12.4 | 69.64 | 0 | 0.014 | 0 | 0.001 | 0 | 0.0013 | 75 | 13.3 | 2.918 | 15.9 | 14.2 | 9.98 | 42.8113 | -78.8528 |
| 10/4/2016 8:57 | 12.41 | 67.96 | 0.001 | 0.014 | 0.001 | 0.001 | 0 | 0.0015 | 75 | 13.8 | 2.411 | 15.8 | 14.2 | 9.69 | 42.8113 | -78.8528 |
| 10/4/2016 8:56 | 12.39 | 70.67 | 0 | 0.014 | 0.001 | 0.001 | 0 | 0.0017 | 75 | 9.3 | 1.431 | 15.8 | 14.2 | 9.34 | 42.8113 | -78.8528 |
| 10/4/2016 8:55 | 12.37 | 87.08 | 0 | 0.014 | 0.001 | 0.001 | 0.001 | 0.0019 | 75 | 9.2 | 1.286 | 15.8 | 14.2 | 9.39 | 42.8113 | -78.8528 |
| 10/4/2016 8:54 | 12.39 | 70.41 | 0.001 | 0.014 | 0.001 | 0.001 | 0.001 | 0.002 | 75 | 10.2 | 1.346 | 15.7 | 14.3 | 9.43 | 42.8113 | -78.8528 |
| 10/4/2016 8:53 | 12.4 | 66.41 | 0.001 | 0.014 | 0.001 | 0.001 | 0.001 | 0.0021 | 76 | 11.8 | 1.689 | 15.6 | 14.3 | 9.51 | 42.8113 | -78.8528 |
| 10/4/2016 8:52 | 12.37 | 86.31 | 0.001 | 0.014 | 0.001 | 0.001 | 0.002 | 0.0023 | 75 | 9.7 | 1.305 | 15.6 | 14.3 | 9.51 | 42.8113 | -78.8528 |
| 10/4/2016 8:51 | 12.4 | 69.12 | 0.002 | 0.014 | 0.002 | 0.001 | 0.001 | 0.0023 | 76 | 9.3 | 1.215 | 15.6 | 14.4 | 9.56 | 42.8113 | -78.8528 |
| 10/4/2016 8:50 | 12.39 | 74.29 | 0.002 | 0.014 | 0.002 | 0.001 | 0.002 | 0.0025 | 75 | 10.2 | 1.395 | 15.5 | 14.4 | 9.57 | 42.8113 | -78.8528 |
| 10/4/2016 8:49 | 12.4 | 67.7 | 0.002 | 0.014 | 0.002 | 0.001 | 0.002 | 0.0026 | 75 | 8.1 | 1.137 | 15.4 | 14.5 | 9.48 | 42.8113 | -78.8528 |
| 10/4/2016 8:48 | 12.4 | 68.48 | 0.002 | 0.014 | 0.002 | 0.001 | 0.001 | 0.0027 | 75 | 9 | 1.095 | 15.3 | 14.5 | 9.6 | 42.8113 | -78.8528 |
| 10/4/2016 8:47 | 12.39 | 68.99 | 0.003 | 0.014 | 0.002 | 0.001 | 0.003 | 0.0029 | 75 | 8.5 | 1.172 | 15.3 | 14.6 | 9.66 | 42.8113 | -78.8528 |

| Timestamp (GMT-4) | Batt. Voltage (V) | Current (mA) | Low (ppm) | Peak (ppm) | STEL (ppm) | TWA (ppm) | VOC (ppm) | VOC (Avg15) (ppm) | Humidity (%) | Mass (µg/m³) | Particle size (µm) | Temperature (°C) | TWA (µg/m³) | Mass (Avg15) (µg/m³) | Latitude | Longitude |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 10/4/2016 8:46 | 12.4 | 70.28 | 0.002 | 0.014 | 0.002 | 0.001 | 0.002 | 0.003 | 76 | 8.9 | 1.356 | 15.3 | 14.6 | 9.74 | 42.8113 | -78.8528 |
| 10/4/2016 8:45 | 12.39 | 67.96 | 0.002 | 0.014 | 0.002 | 0.001 | 0.001 | 0.0031 | 76 | 9.1 | 1.934 | 15.2 | 14.7 | 9.81 | 42.8113 | -78.8528 |
| 10/4/2016 8:44 | 12.39 | 71.96 | 0.001 | 0.014 | 0.003 | 0.001 | 0.002 | 0.0034 | 76 | 9.3 | 1.289 | 15.2 | 14.8 | 9.91 | 42.8113 | -78.8528 |
| 10/4/2016 8:43 | 12.4 | 70.16 | 0.003 | 0.014 | 0.003 | 0.001 | 0.003 | 0.0036 | 75 | 9 | 1.192 | 15.2 | 14.8 | 9.96 | 42.8113 | -78.8528 |
| 10/4/2016 8:42 | 12.4 | 71.58 | 0.003 | 0.014 | 0.003 | 0.001 | 0.004 | 0.0037 | 76 | 8.5 | 1.177 | 15.1 | 14.9 | 10.13 | 42.8113 | -78.8528 |
| 10/4/2016 8:41 | 12.4 | 68.48 | 0.002 | 0.014 | 0.003 | 0.001 | 0.003 | 0.0038 | 77 | 10 | 1.51 | 15 | 14.9 | 10.35 | 42.8113 | -78.8528 |
| 10/4/2016 8:40 | 12.4 | 68.22 | 0.002 | 0.014 | 0.004 | 0.001 | 0.002 | 0.0039 | 76 | 9.8 | 1.877 | 15 | 15 | 10.52 | 42.8113 | -78.8528 |
| 10/4/2016 8:39 | 12.39 | 72.48 | 0.002 | 0.014 | 0.004 | 0.001 | 0.002 | 0.0041 | 75 | 11.5 | 1.63 | 14.9 | 15 | 10.57 | 42.8113 | -78.8528 |
| 10/4/2016 8:38 | 12.4 | 69.25 | 0.005 | 0.014 | 0.004 | 0.001 | 0.004 | 0.0045 | 76 | 11.7 | 1.578 | 14.9 | 15.1 | 10.52 | 42.8113 | -78.8528 |
| 10/4/2016 8:37 | 12.38 | 78.42 | 0.004 | 0.014 | 0.004 | 0.001 | 0.003 | 0.0045 | 76 | 10.5 | 1.386 | 14.8 | 15.1 | 10.47 | 42.8113 | -78.8528 |
| 10/4/2016 8:36 | 12.39 | 70.93 | 0.004 | 0.014 | 0.004 | 0.001 | 0.004 | 0.0047 | 76 | 9.4 | 1.322 | 14.8 | 15.2 | 10.5 | 42.8113 | -78.8528 |
| 10/4/2016 8:35 | 12.39 | 73.51 | 0.003 | 0.014 | 0.004 | 0.001 | 0.003 | 0.0048 | 77 | 8.9 | 1.236 | 14.7 | 15.2 | 10.59 | 42.8113 | -78.8528 |
| 10/4/2016 8:34 | 12.39 | 69.38 | 0.003 | 0.014 | 0.004 | 0.001 | 0.003 | 0.0051 | 76 | 9.9 | 1.171 | 14.7 | 15.3 | 10.72 | 42.8113 | -78.8528 |
| 10/4/2016 8:33 | 12.39 | 71.32 | 0.005 | 0.014 | 0.004 | 0.001 | 0.005 | 0.0053 | 77 | 9.9 | 1.386 | 14.6 | 15.4 | 10.76 | 42.8113 | -78.8528 |
| 10/4/2016 8:32 | 12.39 | 71.06 | 0.005 | 0.014 | 0.005 | 0.001 | 0.004 | 0.0054 | 76 | 9.7 | 1.178 | 14.7 | 15.4 | 10.83 | 42.8113 | -78.8528 |
| 10/4/2016 8:31 | 12.4 | 69.51 | 0.004 | 0.014 | 0.005 | 0.001 | 0.004 | 0.0057 | 76 | 10 | 1.621 | 14.6 | 15.5 | 10.99 | 42.8113 | -78.8528 |
| 10/4/2016 8:30 | 12.4 | 70.16 | 0.005 | 0.014 | 0.005 | 0.001 | 0.005 | 0.0059 | 76 | 10.6 | 1.541 | 14.5 | 15.6 | 11.12 | 42.8113 | -78.8528 |
| 10/4/2016 8:29 | 12.38 | 72.74 | 0.004 | 0.014 | 0.005 | 0.001 | 0.005 | 0.0061 | 76 | 10 | 1.338 | 14.5 | 15.6 | 11.18 | 42.8113 | -78.8528 |
| 10/4/2016 8:28 | 12.39 | 68.35 | 0.005 | 0.014 | 0.006 | 0.001 | 0.004 | 0.0065 | 76 | 11.5 | 1.301 | 14.4 | 15.7 | 11.41 | 42.8113 | -78.8528 |
| 10/4/2016 8:27 | 12.38 | 75.84 | 0.006 | 0.014 | 0.006 | 0.001 | 0.006 | 0.0068 | 76 | 11.8 | 1.531 | 14.5 | 15.7 | 11.78 | 42.8113 | -78.8528 |
| 10/4/2016 8:26 | 12.39 | 73.13 | 0.005 | 0.014 | 0.006 | 0.001 | 0.005 | 0.0071 | 76 | 12.6 | 3.01 | 14.3 | 15.8 | 12.01 | 42.8113 | -78.8528 |
| 10/4/2016 8:25 | 12.39 | 68.35 | 0.006 | 0.014 | 0.007 | 0.001 | 0.005 | 0.0076 | 76 | 10.5 | 2.147 | 14.3 | 15.8 | 12.05 | 42.8113 | -78.8528 |
| 10/4/2016 8:24 | 12.38 | 69.9 | 0.006 | 0.014 | 0.007 | 0.001 | 0.007 | 0.008 | 76 | 10.8 | 1.503 | 14.2 | 15.9 | 12.35 | 42.8113 | -78.8528 |
| 10/4/2016 8:23 | 12.39 | 69.9 | 0.004 | 0.014 | 0.008 | 0.001 | 0.005 | 0.0083 | 75 | 11 | 1.54 | 14.2 | 16 | 12.56 | 42.8113 | -78.8528 |
| 10/4/2016 8:22 | 12.39 | 70.8 | 0.005 | 0.014 | 0.008 | 0.001 | 0.005 | 0.0087 | 76 | 10.9 | 1.764 | 14.1 | 16 | 12.71 | 42.8113 | -78.8528 |
| 10/4/2016 8:21 | 12.39 | 69.64 | 0.005 | 0.014 | 0.008 | 0.001 | 0.006 | 0.0091 | 75 | 10.8 | 1.212 | 14.1 | 16.1 | 13.01 | 42.8113 | -78.8528 |
| 10/4/2016 8:20 | 12.39 | 73.77 | 0.006 | 0.014 | 0.009 | 0.001 | 0.007 | 0.0096 | 76 | 10.8 | 1.488 | 14.2 | 16.2 | 13.27 | 42.8113 | -78.8528 |
| 10/4/2016 8:19 | 12.37 | 71.06 | 0.007 | 0.014 | 0.009 | 0.001 | 0.006 | 0.0099 | 75 | 10.5 | 1.318 | 14.1 | 16.2 | 13.47 | 42.8113 | -78.8528 |
| 10/4/2016 8:18 | 12.37 | 79.33 | 0.007 | 0.014 | 0.009 | 0.001 | 0.007 | 0.0102 | 75 | 11 | 1.143 | 14.1 | 16.3 | 13.63 | 42.8113 | -78.8528 |
| 10/4/2016 8:17 | 12.38 | 70.8 | 0.008 | 0.014 | 0.01 | 0.001 | 0.008 | 0.0105 | 75 | 12.1 | 1.369 | 14 | 16.4 | 13.83 | 42.8113 | -78.8528 |
| 10/4/2016 8:16 | 12.39 | 70.16 | 0.008 | 0.014 | 0.01 | 0.001 | 0.008 | 0.0108 | 75 | 11.9 | 1.385 | 13.9 | 16.4 | 13.96 | 42.8113 | -78.8528 |
| 10/4/2016 8:15 | 12.38 | 70.8 | 0.009 | 0.014 | 0.01 | 0.001 | 0.008 | 0.0111 | 75 | 11.5 | 1.6 | 14 | 16.5 | 14.2 | 42.8113 | -78.8528 |
| 10/4/2016 8:14 | 12.39 | 72.35 | 0.01 | 0.014 | 0.01 | 0.001 | 0.01 | 0.0113 | 75 | 13.4 | 1.265 | 13.9 | 16.6 | 14.45 | 42.8113 | -78.8528 |
| 10/4/2016 8:13 | 12.38 | 72.61 | 0.01 | 0.014 | 0.011 | 0.001 | 0.009 | 0.0115 | 75 | 17.1 | 1.549 | 13.8 | 16.6 | 14.63 | 42.8113 | -78.8528 |
| 10/4/2016 8:12 | 12.37 | 74.94 | 0.012 | 0.014 | 0.011 | 0.001 | 0.011 | 0.0117 | 74 | 15.2 | 2.575 | 13.8 | 16.6 | 14.49 | 42.8113 | -78.8528 |
| 10/4/2016 8:11 | 12.39 | 67.96 | 0.012 | 0.014 | 0.011 | 0.001 | 0.012 | 0.0117 | 75 | 13.3 | 1.256 | 13.8 | 16.6 | 14.43 | 42.8113 | -78.8528 |
| 10/4/2016 8:10 | 12.38 | 69.12 | 0.011 | 0.014 | 0.011 | 0.001 | 0.011 | 0.0117 | 75 | 14.9 | 1.265 | 13.8 | 16.7 | 14.43 | 42.8113 | -78.8528 |
| 10/4/2016 8:09 | 12.36 | 77.78 | 0.012 | 0.014 | 0.011 | 0.001 | 0.012 | 0.0117 | 76 | 14 | 1.957 | 13.8 | 16.7 | 14.36 | 42.8113 | -78.8528 |
| 10/4/2016 8:08 | 12.38 | 67.96 | 0.012 | 0.014 | 0.011 | 0.001 | 0.011 | 0.0116 | 75 | 13.2 | 2.127 | 13.8 | 16.8 | 14.32 | 42.8113 | -78.8528 |
| 10/4/2016 8:07 | 12.37 | 71.58 | 0.011 | 0.014 | 0.011 | 0.001 | 0.011 | 0.0117 | 75 | 15.5 | 2.259 | 13.7 | 16.8 | 14.39 | 42.8113 | -78.8528 |
| 10/4/2016 8:06 | 12.38 | 68.73 | 0.013 | 0.014 | 0.011 | 0 | 0.013 | 0.0116 | 74 | 14.7 | 3.137 | 13.7 | 16.8 | 14.3 | 42.8113 | -78.8528 |
| 10/4/2016 8:05 | 12.36 | 72.35 | 0.01 | 0.014 | 0.011 | 0 | 0.011 | 0.0115 | 75 | 13.7 | 1.806 | 13.6 | 16.9 | 14.58 | 42.8113 | -78.8528 |
| 10/4/2016 8:04 | 12.37 | 75.45 | 0.011 | 0.014 | 0.011 | 0 | 0.011 | 0.0114 | 74 | 12.9 | 1.391 | 13.6 | 16.9 | 14.94 | 42.8113 | -78.8528 |
| 10/4/2016 8:03 | 12.37 | 67.83 | 0.011 | 0.014 | 0.011 | 0 | 0.012 | 0.0114 | 74 | 14 | 1.525 | 13.7 | 17 | 15.39 | 42.8113 | -78.8528 |
| 10/4/2016 8:02 | 12.35 | 75.06 | 0.013 | 0.014 | 0.011 | 0 | 0.012 | 0.0113 | 74 | 14.1 | 1.852 | 13.6 | 17.1 | 15.6 | 42.8113 | -78.8528 |
| 10/4/2016 8:01 | 12.36 | 73.77 | 0.012 | 0.014 | 0.011 | 0 | 0.012 | 0.0112 | 74 | 15.5 | 2.384 | 13.5 | 17.1 | 15.84 | 42.8113 | -78.8528 |

| Timestamp (GMT-4) | Batt. Voltage (V) | Current (mA) | Low (ppm) | Peak (ppm) | STEL (ppm) | TWA (ppm) | VOC (ppm) | VOC (Avg15) (ppm) | Humidity (%) | Mass (µg/m³) | Particle size (µm) | Temperature (°C) | TWA (µg/m³) | Mass (Avg15) (µg/m³) | Latitude | Longitude |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 10/4/2016 8:00 | 12.35 | 68.73 | 0.012 | 0.014 | 0.01 | 0 | 0.012 | 0.0111 | 74 | 15.2 | 2.247 | 13.6 | 17.1 | 15.97 | 42.8113 | -78.8528 |
| 10/4/2016 7:59 | 12.37 | 67.57 | 0.013 | 0.014 | 0.01 | 0 | 0.013 | 0.0111 | 73 | 16.2 | 2.009 | 13.5 | 17.2 | 16.02 | 42.8113 | -78.8528 |
| 10/4/2016 7:58 | 12.36 | 70.03 | 0.014 | 0.014 | 0.01 | 0 | 0.012 | 0.011 | 74 | 14.9 | 2.36 | 13.5 | 17.2 | 16.01 | 42.8113 | -78.8528 |
| 10/4/2016 7:57 | 12.34 | 71.19 | 0.011 | 0.014 | 0.01 | 0 | 0.011 | 0.0109 | 74 | 14.4 | 2.594 | 13.6 | 17.3 | 16.14 | 42.8113 | -78.8528 |
| 10/4/2016 7:56 | 12.36 | 70.28 | 0.011 | 0.014 | 0.01 | 0 | 0.011 | 0.0109 | 73 | 13.2 | 1.619 | 13.5 | 17.3 | 16.21 | 42.8113 | -78.8528 |
| 10/4/2016 7:55 | 12.36 | 69.25 | 0.011 | 0.013 | 0.01 | 0 | 0.011 | 0.0108 | 73 | 13.9 | 1.343 | 13.5 | 17.4 | 16.46 | 42.8113 | -78.8528 |
| 10/4/2016 7:54 | 12.36 | 69.9 | 0.011 | 0.013 | 0.01 | 0 | 0.011 | 0.0109 | 73 | 13.4 | 1.335 | 13.4 | 17.5 | 16.63 | 42.8113 | -78.8528 |
| 10/4/2016 7:53 | 12.35 | 71.32 | 0.011 | 0.013 | 0.01 | 0 | 0.012 | 0.0108 | 73 | 14.2 | 1.354 | 13.5 | 17.6 | 16.85 | 42.8113 | -78.8528 |
| 10/4/2016 7:52 | 12.35 | 69.51 | 0.011 | 0.013 | 0.01 | 0 | 0.01 | 0.0106 | 73 | 14.2 | 1.644 | 13.3 | 17.7 | 17.08 | 42.8113 | -78.8528 |
| 10/4/2016 7:51 | 12.35 | 70.16 | 0.011 | 0.013 | 0.01 | 0 | 0.011 | 0.0105 | 73 | 18.9 | 2.908 | 13.4 | 17.7 | 17.29 | 42.8113 | -78.8528 |
| 10/4/2016 7:50 | 12.35 | 67.57 | 0.011 | 0.013 | 0.009 | 0 | 0.01 | 0.0103 | 72 | 19.1 | 2.6 | 13.4 | 17.7 | 17.19 | 42.8113 | -78.8528 |
| 10/4/2016 7:49 | 12.35 | 70.67 | 0.011 | 0.013 | 0.009 | 0 | 0.011 | 0.0102 | 73 | 19.7 | 2.065 | 13.3 | 17.6 | 17.15 | 42.8113 | -78.8528 |
| 10/4/2016 7:48 | 12.34 | 70.67 | 0.01 | 0.013 | 0.009 | 0 | 0.01 | 0.0101 | 72 | 17.1 | 1.586 | 13.4 | 17.6 | 16.97 | 42.8113 | -78.8528 |
| 10/4/2016 7:47 | 12.35 | 67.44 | 0.011 | 0.013 | 0.009 | 0 | 0.011 | 0.0099 | 72 | 17.7 | 1.95 | 13.3 | 17.7 | 16.97 | 42.8112 | -78.8528 |
| 10/4/2016 7:46 | 12.35 | 68.6 | 0.01 | 0.013 | 0.009 | 0 | 0.011 | 0.0098 | 72 | 17.5 | 2.314 | 13.3 | 17.7 | 16.97 | 42.8112 | -78.8528 |
| 10/4/2016 7:45 | 12.34 | 69.25 | 0.012 | 0.013 | 0.008 | 0 | 0.012 | 0.0095 | 72 | 15.9 | 2.023 | 13.3 | 17.7 | 17.02 | 42.8113 | -78.8528 |
| 10/4/2016 7:44 | 12.35 | 67.96 | 0.011 | 0.013 | 0.008 | 0 | 0.011 | 0.0093 | 72 | 16.1 | 1.48 | 13.2 | 17.7 | 17.11 | 42.8113 | -78.8528 |
| 10/4/2016 7:43 | 12.35 | 68.86 | 0.011 | 0.012 | 0.008 | 0 | 0.011 | 0.009 | 71 | 16.8 | 1.543 | 13.2 | 17.8 | 17.15 | 42.8113 | -78.8528 |
| 10/4/2016 7:42 | 12.33 | 70.28 | 0.011 | 0.012 | 0.008 | 0 | 0.011 | 0.0087 | 72 | 15.5 | 1.342 | 13.2 | 17.8 | 17.22 | 42.8113 | -78.8528 |
| 10/4/2016 7:41 | 12.33 | 70.03 | 0.009 | 0.012 | 0.007 | 0 | 0.009 | 0.0086 | 71 | 16.9 | 1.899 | 13.2 | 17.9 | 17.33 | 42.8113 | -78.8529 |
| 10/4/2016 7:40 | 12.33 | 69.12 | 0.011 | 0.012 | 0.007 | 0 | 0.012 | 0.0085 | 71 | 16.5 | 1.469 | 13.2 | 17.9 | 17.45 | 42.8113 | -78.8529 |
| 10/4/2016 7:39 | 12.33 | 68.6 | 0.01 | 0.012 | 0.007 | 0 | 0.01 | 0.0082 | 71 | 16.6 | 2.083 | 13.2 | 17.9 | 17.62 | 42.8113 | -78.8528 |
| 10/4/2016 7:38 | 12.33 | 69.77 | 0.009 | 0.01 | 0.007 | 0 | 0.009 | 0.0081 | 71 | 17.7 | 1.84 | 13.2 | 18 | 17.77 | 42.8113 | -78.8528 |
| 10/4/2016 7:37 | 12.32 | 75.71 | 0.008 | 0.01 | 0.007 | 0 | 0.008 | 0.008 | 70 | 17.3 | 1.643 | 13.2 | 18 | 18 | 42.8113 | -78.8528 |
| 10/4/2016 7:36 | 12.31 | 71.96 | 0.009 | 0.01 | 0.007 | 0 | 0.009 | 0.0081 | 70 | 17.4 | 1.871 | 13.2 | 18 | 18.27 | 42.8113 | -78.8528 |
| 10/4/2016 7:35 | 12.31 | 70.28 | 0.009 | 0.01 | 0.007 | 0 | 0.008 | 0.008 | 69 | 18.5 | 1.972 | 13.2 | 18 | 18.53 | 42.8113 | -78.8528 |
| 10/4/2016 7:34 | 12.3 | 78.04 | 0.009 | 0.01 | 0.007 | 0 | 0.009 | 0.008 | 69 | 17.1 | 1.549 | 13.2 | 18 | 18.64 | 42.8113 | -78.8528 |
| 10/4/2016 7:33 | 12.3 | 76.62 | 0.009 | 0.01 | 0.007 | 0 | 0.008 | 0.0078 | 69 | 17 | 1.507 | 13 | 18 | 18.86 | 42.8113 | -78.8528 |
| 10/4/2016 7:32 | 12.3 | 69.12 | 0.008 | 0.01 | 0.007 | 0 | 0.009 | 0.0078 | 68 | 17.8 | 2.352 | 13.1 | 18.1 | 18.91 | 42.8113 | -78.8528 |
| 10/4/2016 7:31 | 12.3 | 72.09 | 0.007 | 0.01 | 0.007 | 0 | 0.007 | 0.0077 | 68 | 18.2 | 1.825 | 13.1 | 18.1 | 18.97 | 42.8113 | -78.8528 |
| 10/4/2016 7:30 | 12.28 | 73.51 | 0.008 | 0.01 | 0.006 | 0 | 0.008 | 0.0077 | 67 | 17.2 | 2.149 | 13 | 18.1 | 18.89 | 42.8113 | -78.8528 |
| 10/4/2016 7:29 | 12.3 | 68.09 | 0.007 | 0.01 | 0.006 | 0 | 0.007 | 0.0075 | 68 | 16.8 | 1.379 | 13.1 | 18.1 | 18.82 | 42.8113 | -78.8528 |
| 10/4/2016 7:28 | 12.3 | 76.1 | 0.007 | 0.01 | 0.006 | 0 | 0.007 | 0.0072 | 68 | 17.8 | 1.455 | 13 | 18.2 | 18.8 | 42.8113 | -78.8528 |
| 10/4/2016 7:27 | 12.3 | 71.19 | 0.007 | 0.01 | 0.005 | 0 | 0.009 | 0.0067 | 67 | 17.2 | 1.396 | 13 | 18.2 | 18.75 | 42.8113 | -78.8528 |
| 10/4/2016 7:26 | 12.28 | 72.22 | 0.007 | 0.01 | 0.005 | 0 | 0.008 | 0.0061 | 67 | 18.6 | 1.789 | 13 | 18.2 | 18.69 | 42.8113 | -78.8528 |
| 10/4/2016 7:25 | 12.3 | 73.64 | 0.007 | 0.01 | 0.004 | 0 | 0.007 | 0.0056 | 66 | 19.1 | 1.684 | 13 | 18.1 | 18.59 | 42.8113 | -78.8528 |
| 10/4/2016 7:24 | 12.3 | 69.64 | 0.008 | 0.01 | 0.004 | 0 | 0.008 | 0.0051 | 66 | 18.8 | 1.505 | 13 | 18 | 18.45 | 42.8113 | -78.8529 |
| 10/4/2016 7:23 | 12.3 | 70.03 | 0.008 | 0.01 | 0.004 | 0 | 0.008 | 0.0046 | 65 | 21.2 | 1.378 | 13 | 18 | 18.21 | 42.8113 | -78.8529 |
| 10/4/2016 7:22 | 12.31 | 69.12 | 0.009 | 0.01 | 0 | 0 | 0.009 | 0.0041 | 66 | 21.4 | 1.702 | 13 | 17.8 | 18.77 | 42.8113 | -78.8529 |
| 10/4/2016 7:21 | 12.31 | 69.51 | 0.008 | 0.009 | 0 | 0 | 0.008 | 0.0037 | 65 | 21.3 | 1.79 | 13 | 17.6 | 18.59 | 42.8113 | -78.8529 |
| 10/4/2016 7:20 | 12.31 | 75.06 | 0.008 | 0.009 | 0 | 0 | 0.008 | 0.0034 | 64 | 20.1 | 1.544 | 12.9 | 17.4 | 18.38 | 42.8113 | -78.8529 |
| 10/4/2016 7:19 | 12.32 | 71.19 | 0.006 | 0.009 | 0 | 0 | 0.006 | 0.003 | 64 | 20.4 | 2.146 | 12.9 | 17.2 | 18.23 | 42.8113 | -78.8529 |
| 10/4/2016 7:18 | 12.32 | 73.13 | 0.007 | 0.009 | 0 | 0 | 0.008 | 0.0027 | 63 | 17.7 | 2.095 | 12.9 | 16.9 | 18.04 | 42.8113 | -78.8529 |
| 10/4/2016 7:17 | 12.3 | 78.94 | 0.007 | 0.008 | 0 | 0 | 0.008 | 0.0022 | 62 | 18.7 | 2.03 | 12.7 | 16.8 | 18.07 | 42.8113 | -78.8529 |
| 10/4/2016 7:16 | 12.31 | 73.26 | 0.007 | 0.007 | 0 | 0 | 0.007 | 0.0016 | 62 | 17.1 | 1.19 | 12.7 | 16.7 | 18 | 42.8113 | -78.8529 |
| 10/4/2016 7:15 | 12.31 | 78.42 | 0.005 | 0.007 | 0 | 0 | 0.005 | 0.0009 | 61 | 16.1 | 1.146 | 12.7 | 16.8 | 18.11 | 42.8113 | -78.8529 |

| Timestamp (GMT-4) | Batt. Voltage (V) | Current (mA) | Low (ppm) | Peak (ppm) | STEL (ppm) | TWA (ppm) | VOC (ppm) | VOC (Avg15) (ppm) | Humidity (%) | Mass (µg/m³) | Particle size (µm) | Temperature (°C) | TWA (µg/m³) | Mass (Avg15) (µg/m³) | Latitude | Longitude |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 10/4/2016 7:14 | 12.33 | 83.46 | 0.001 | 0.002 | 0 | 0 | 0.002 | 0.0003 | 60 | 16.5 | 1.242 | 12.7 | 16.8 | 18.4 | 42.8113 | -78.8529 |
| 10/4/2016 7:13 | 12.35 | 71.45 | 0 | 0 | 0 | 0 | 0 | 0 | 58 | 17.1 | 1.254 | 12.7 | 16.8 | 18.72 | 42.8113 | -78.8529 |
| 10/4/2016 7:12 | 12.34 | 78.17 | 0 | 0 | 0 | 0 | 0 | 0 | 56 | 16.3 | 1.149 | 12.6 | 16.8 | 19.04 | 42.8113 | -78.8529 |
| 10/4/2016 7:11 | 12.33 | 75.71 | 0 | 0 | 0 | 0 | 0 | 0 | 53 | 17.1 | 1.421 | 12.6 | 16.7 | 19.73 | 42.8113 | -78.8529 |
| 10/4/2016 7:10 | 12.35 | 71.58 | 0 | 0 | 0 | 0 | 0 | 0 | 51 | 16.9 | 1.242 | 12.6 | 16.8 | 20.6 | 42.8113 | -78.8529 |
| 10/4/2016 7:09 | 12.37 | 68.6 | 0 | 0 | 0 | 0 | 0 | 0 | 47 | 15.2 | 0.956 | 12.6 | 18.3 | 22.45 | 42.8113 | -78.8529 |
| 10/4/2016 7:08 | 12.08 | 78.04 | 0 | 0 | 0 | 0 | 0 | 0 | 45 | 29.7 | 1.408 | 12.6 | 21 | 29.7 | 42.8113 | -78.8529 |

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| Timestamp (GMT-4) | Batt. Voltage (V) | Current (mA) | Low (ppm) | Peak (ppm) | STEL (ppm) | TWA (ppm) | VOC (ppm) | VOC (Avg15) (ppm) | Humidity (%) | Mass (µg/m³) | Particle size (µm) | Temperature (°C) | TWA (µg/m³) | Mass (Avg15) (µg/m³) | TWA (Avg15) (µg/m³) | Latitude | Longitude |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 10/26/2016 15:27 | 11.93 | 88.11 | 0 | 0 | 0 | 0 | 0 | 0 | 27 | 1.2 | 0.291 | 16.7 | 2.8 | 1.35 | | 42.8093 | -78.8496 |
| 10/26/2016 15:26 | 11.97 | 71.96 | 0 | 0 | 0 | 0 | 0 | 0 | 28 | 1.5 | 0.293 | 16.7 | 2.8 | 1.37 | | 42.8093 | -78.8496 |
| 10/26/2016 15:25 | 11.97 | 71.06 | 0 | 0 | 0 | 0 | 0 | 0 | 28 | 1.2 | 0.279 | 16.7 | 2.8 | 1.38 | | 42.8093 | -78.8496 |
| 10/26/2016 15:24 | 11.96 | 71.19 | 0 | 0 | 0 | 0 | 0 | 0 | 28 | 1.5 | 0.281 | 16.7 | 2.8 | 1.39 | | 42.8093 | -78.8496 |
| 10/26/2016 15:23 | 11.97 | 70.41 | 0 | 0 | 0 | 0 | 0 | 0 | 28 | 1 | 0.275 | 16.7 | 2.8 | 1.41 | | 42.8093 | -78.8496 |
| 10/26/2016 15:22 | 11.96 | 70.8 | 0 | 0 | 0 | 0 | 0 | 0 | 28 | 1.3 | 0.27 | 16.6 | 2.9 | 1.45 | | 42.8093 | -78.8496 |
| 10/26/2016 15:21 | 11.97 | 70.41 | 0 | 0 | 0 | 0 | 0 | 0 | 28 | 1 | 0.275 | 16.6 | 2.9 | 1.62 | | 42.8093 | -78.8496 |
| 10/26/2016 15:20 | 11.95 | 72.35 | 0 | 0 | 0 | 0 | 0 | 0 | 28 | 1.2 | 0.283 | 16.7 | 2.9 | 1.67 | | 42.8093 | -78.8496 |
| 10/26/2016 15:19 | 11.96 | 71.83 | 0 | 0 | 0 | 0 | 0 | 0 | 27 | 1.6 | 0.242 | 16.7 | 2.9 | 1.69 | | 42.8093 | -78.8496 |
| 10/26/2016 15:18 | 11.97 | 71.19 | 0 | 0 | 0 | 0 | 0 | 0 | 27 | 1.4 | 0.279 | 16.7 | 2.9 | 1.67 | | 42.8093 | -78.8496 |
| 10/26/2016 15:17 | 11.97 | 70.16 | 0 | 0 | 0 | 0 | 0 | 0 | 28 | 1.4 | 0.298 | 16.8 | 2.9 | 1.69 | | 42.8093 | -78.8496 |
| 10/26/2016 15:16 | 11.97 | 67.83 | 0 | 0 | 0 | 0 | 0 | 0 | 28 | 1.2 | 0.298 | 16.8 | 2.9 | 1.75 | | 42.8093 | -78.8496 |
| 10/26/2016 15:15 | 11.96 | 73.77 | 0 | 0 | 0 | 0 | 0 | 0 | 27 | 1.4 | 0.287 | 16.8 | 2.9 | 1.82 | | 42.8093 | -78.8496 |
| 10/26/2016 15:14 | 11.97 | 72.35 | 0 | 0 | 0 | 0 | 0 | 0 | 27 | 1.7 | 0.253 | 16.8 | 2.9 | 1.85 | | 42.8093 | -78.8496 |
| 10/26/2016 15:13 | 11.97 | 76.1 | 0 | 0 | 0 | 0 | 0 | 0 | 28 | 1.7 | 0.257 | 16.7 | 2.9 | 1.87 | | 42.8093 | -78.8496 |
| 10/26/2016 15:12 | 11.97 | 70.03 | 0 | 0 | 0 | 0 | 0 | 0 | 27 | 1.4 | 0.289 | 16.7 | 2.9 | 1.89 | | 42.8093 | -78.8496 |
| 10/26/2016 15:11 | 11.97 | 68.6 | 0 | 0 | 0 | 0 | 0 | 0 | 27 | 1.7 | 0.272 | 16.8 | 2.9 | 1.91 | | 42.8093 | -78.8496 |
| 10/26/2016 15:10 | 11.97 | 69.51 | 0 | 0 | 0 | 0 | 0 | 0 | 27 | 1.3 | 0.293 | 16.8 | 2.9 | 1.99 | | 42.8093 | -78.8496 |
| 10/26/2016 15:09 | 11.96 | 73.9 | 0 | 0 | 0 | 0 | 0 | 0 | 27 | 1.9 | 0.267 | 16.8 | 2.9 | 2.91 | | 42.8092 | -78.8496 |
| 10/26/2016 15:08 | 11.97 | 68.99 | 0 | 0 | 0 | 0 | 0 | 0 | 28 | 1.5 | 0.238 | 16.8 | 2.9 | 3.15 | | 42.8093 | -78.8496 |
| 10/26/2016 15:07 | 11.96 | 71.71 | 0 | 0 | 0 | 0 | 0 | 0 | 28 | 3.9 | 0.223 | 16.8 | 2.9 | 3.35 | | 42.8092 | -78.8496 |
| 10/26/2016 15:06 | 11.96 | 75.19 | 0 | 0 | 0 | 0 | 0 | 0 | 27 | 1.8 | 0.257 | 16.8 | 2.9 | 3.2 | | 42.8092 | -78.8496 |
| 10/26/2016 15:05 | 11.97 | 70.67 | 0 | 0 | 0 | 0 | 0 | 0 | 28 | 1.5 | 0.265 | 16.8 | 2.9 | 3.41 | | 42.8093 | -78.8496 |
| 10/26/2016 15:04 | 11.97 | 71.06 | 0 | 0 | 0 | 0 | 0 | 0 | 27 | 1.2 | 0.289 | 16.9 | 2.9 | 3.53 | | 42.8092 | -78.8496 |
| 10/26/2016 15:03 | 11.97 | 70.16 | 0 | 0 | 0 | 0 | 0 | 0 | 28 | 1.7 | 0.265 | 16.8 | 2.9 | 4.34 | | 42.8092 | -78.8496 |
| 10/26/2016 15:02 | 11.97 | 77.26 | 0 | 0 | 0 | 0 | 0 | 0 | 27 | 2.4 | 0.244 | 16.8 | 2.9 | 4.33 | | 42.8092 | -78.8496 |
| 10/26/2016 15:01 | 11.97 | 72.48 | 0 | 0 | 0 | 0 | 0 | 0 | 27 | 2.2 | 0.246 | 16.9 | 2.9 | 4.25 | | 42.8093 | -78.8496 |
| 10/26/2016 15:00 | 11.96 | 73.51 | 0 | 0 | 0 | 0 | 0 | 0 | 27 | 1.9 | 0.265 | 16.8 | 2.9 | 4.19 | | 42.8092 | -78.8496 |
| 10/26/2016 14:59 | 11.97 | 71.96 | 0 | 0 | 0 | 0 | 0 | 0 | 26 | 1.9 | 0.267 | 17 | 2.9 | 4.14 | | 42.8092 | -78.8496 |
| 10/26/2016 14:58 | 11.97 | 73.9 | 0 | 0 | 0 | 0 | 0 | 0 | 27 | 2 | 0.288 | 16.8 | 2.9 | 4.09 | | 42.8092 | -78.8496 |
| 10/26/2016 14:57 | 11.97 | 70.03 | 0 | 0 | 0 | 0 | 0 | 0 | 27 | 1.8 | 0.274 | 17 | 2.9 | 4.04 | | 42.8092 | -78.8496 |
| 10/26/2016 14:56 | 11.97 | 69.51 | 0 | 0 | 0 | 0 | 0 | 0 | 27 | 2.8 | 0.247 | 17 | 2.9 | 4.01 | | 42.8093 | -78.8496 |
| 10/26/2016 14:55 | 11.97 | 70.93 | 0 | 0 | 0 | 0 | 0 | 0 | 27 | 15.2 | 0.098 | 16.9 | 2.9 | 3.94 | | 42.8092 | -78.8496 |
| 10/26/2016 14:54 | 11.97 | 70.41 | 0 | 0 | 0 | 0 | 0 | 0 | 27 | 5.5 | 0.085 | 17 | 2.9 | 3.05 | | 42.8092 | -78.8496 |
| 10/26/2016 14:53 | 11.97 | 69.77 | 0 | 0 | 0 | 0 | 0 | 0 | 27 | 4.4 | 0.222 | 16.9 | 2.9 | 3.07 | | 42.8092 | -78.8496 |
| 10/26/2016 14:52 | 11.97 | 68.99 | 0 | 0 | 0 | 0 | 0 | 0 | 27 | 1.7 | 0.244 | 17 | 2.9 | 3.01 | | 42.8092 | -78.8496 |
| 10/26/2016 14:51 | 11.97 | 72.61 | 0 | 0 | 0 | 0 | 0 | 0 | 27 | 5 | 0.184 | 17 | 2.9 | 3 | | 42.8092 | -78.8496 |
| 10/26/2016 14:50 | 11.98 | 69.77 | 0 | 0 | 0 | 0 | 0 | 0 | 27 | 3.3 | 0.271 | 17 | 2.9 | 2.91 | | 42.8092 | -78.8496 |
| 10/26/2016 14:49 | 11.97 | 72.74 | 0 | 0 | 0 | 0 | 0 | 0 | 28 | 13.3 | 0.028 | 17.1 | 2.9 | 3.13 | | 42.8093 | -78.8496 |
| 10/26/2016 14:48 | 11.98 | 71.58 | 0 | 0 | 0 | 0 | 0 | 0 | 27 | 1.5 | 0.275 | 17 | 2.9 | 2.65 | | 42.8092 | -78.8496 |
| 10/26/2016 14:47 | 11.98 | 73 | 0 | 0 | 0 | 0 | 0 | 0 | 26 | 1.3 | 0.291 | 17.1 | 2.9 | 2.65 | | 42.8092 | -78.8496 |
| 10/26/2016 14:46 | 11.98 | 68.22 | 0 | 0 | 0 | 0 | 0 | 0 | 26 | 1.3 | 0.265 | 17.1 | 2.9 | 2.65 | | 42.8092 | -78.8496 |
| 10/26/2016 14:45 | 11.98 | 68.73 | 0 | 0 | 0 | 0 | 0 | 0 | 26 | 1.1 | 0.298 | 17.1 | 2.9 | 2.59 | | 42.8092 | -78.8496 |
| 10/26/2016 14:44 | 11.96 | 87.21 | 0 | 0 | 0 | 0 | 0 | 0 | 27 | 1.1 | 0.276 | 17.1 | 2.9 | 2.61 | | 42.8092 | -78.8496 |
| 10/26/2016 14:43 | 11.97 | 74.03 | 0 | 0 | 0 | 0 | 0 | 0 | 27 | 1.3 | 0.261 | 17.1 | 2.9 | 2.65 | | 42.8092 | -78.8496 |
| 10/26/2016 14:42 | 11.98 | 69.12 | 0 | 0 | 0 | 0 | 0 | 0 | 26 | 1.4 | 0.257 | 17.1 | 2.9 | 2.85 | | 42.8092 | -78.8496 |
| 10/26/2016 14:41 | 11.97 | 71.32 | 0 | 0 | 0 | 0 | 0 | 0 | 26 | 1.7 | 0.279 | 17.2 | 2.9 | 2.95 | | 42.8092 | -78.8496 |
| 10/26/2016 14:40 | 11.98 | 67.7 | 0 | 0 | 0 | 0 | 0 | 0 | 27 | 1.8 | 0.264 | 17.2 | 2.9 | 2.95 | | 42.8092 | -78.8496 |
| 10/26/2016 14:39 | 11.98 | 69.77 | 0 | 0 | 0 | 0 | 0 | 0 | 27 | 5.9 | 0.141 | 17.3 | 2.9 | 3.19 | | 42.8093 | -78.8496 |
| 10/26/2016 14:38 | 11.97 | 71.32 | 0 | 0 | 0 | 0 | 0 | 0 | 27 | 3.5 | 0.19 | 17.3 | 2.9 | 3.92 | | 42.8093 | -78.8496 |
| 10/26/2016 14:37 | 11.98 | 67.7 | 0 | 0 | 0 | 0 | 0 | 0 | 27 | 1.5 | 0.291 | 17.1 | 2.9 | 3.81 | | 42.8093 | -78.8496 |
| 10/26/2016 14:36 | 11.97 | 73.26 | 0 | 0 | 0 | 0 | 0 | 0 | 26 | 3.7 | 0.241 | 17.3 | 2.9 | 3.77 | | 42.8093 | -78.8496 |
| 10/26/2016 14:35 | 11.98 | 76.49 | 0 | 0 | 0 | 0 | 0 | 0 | 26 | 6.6 | 0.028 | 17.2 | 2.8 | 3.63 | | 42.8093 | -78.8496 |
| 10/26/2016 14:34 | 11.97 | 72.35 | 0 | 0 | 0 | 0 | 0 | 0 | 26 | 6 | 0.186 | 17.3 | 2.8 | 3.25 | | 42.8093 | -78.8496 |

BENCHMARK ENVIRONMENTAL ENGINEERING & SCIENCE, PLLC

| Timestamp (GMT-4) | Batt. Voltage (V) | Current (mA) | Low (ppm) | Peak (ppm) | STEL (ppm) | TWA (ppm) | VOC (ppm) | VOC (Avg15) (ppm) | Humidity (%) | Mass (µg/m³) | Particle size (µm) | Temperature (°C) | TWA (µg/m³) | Mass (Avg15) (µg/m³) | TWA (Avg15) (µg/m³) | Latitude | Longitude |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 10/26/2016 14:33 | 11.98 | 69.51 | 0 | 0 | 0 | 0 | 0 | 0 | 26 | 1.5 | 0.281 | 17.3 | 2.8 | 2.93 | | 42.8093 | -78.8496 |
| 10/26/2016 14:32 | 11.98 | 71.58 | 0 | 0 | 0 | 0 | 0 | 0 | 26 | 1.3 | 0.256 | 17.3 | 2.8 | 2.86 | | 42.8093 | -78.8496 |
| 10/26/2016 14:31 | 11.97 | 68.99 | 0 | 0 | 0 | 0 | 0 | 0 | 26 | 0.5 | 0.283 | 17.4 | 2.8 | 2.85 | | 42.8093 | -78.8496 |
| 10/26/2016 14:30 | 11.97 | 71.45 | 0 | 0 | 0 | 0 | 0 | 0 | 26 | 1.4 | 0.262 | 17.4 | 2.9 | 2.88 | | 42.8093 | -78.8496 |
| 10/26/2016 14:29 | 11.98 | 67.7 | 0 | 0 | 0 | 0 | 0 | 0 | 26 | 1.6 | 0.255 | 17.4 | 2.9 | 2.9 | | 42.8093 | -78.8496 |
| 10/26/2016 14:28 | 11.96 | 86.95 | 0 | 0 | 0 | 0 | 0 | 0 | 27 | 4.4 | 0.15 | 17.3 | 2.9 | 2.9 | | 42.8093 | -78.8496 |
| 10/26/2016 14:27 | 11.97 | 72.35 | 0 | 0 | 0 | 0 | 0 | 0 | 27 | 2.9 | 0.192 | 17.4 | 2.9 | 2.71 | | 42.8093 | -78.8496 |
| 10/26/2016 14:26 | 11.98 | 72.48 | 0 | 0 | 0 | 0 | 0 | 0 | 27 | 1.6 | 0.25 | 17.4 | 2.9 | 2.61 | | 42.8093 | -78.8496 |
| 10/26/2016 14:25 | 11.98 | 68.86 | 0 | 0 | 0 | 0 | 0 | 0 | 27 | 5.4 | 0.207 | 17.3 | 2.8 | 2.61 | | 42.8093 | -78.8496 |
| 10/26/2016 14:24 | 11.98 | 72.48 | 0 | 0 | 0 | 0 | 0 | 0 | 26 | 16.9 | 0.096 | 17.5 | 2.8 | 2.36 | | 42.8093 | -78.8496 |
| 10/26/2016 14:23 | 11.97 | 71.19 | 0 | 0 | 0 | 0 | 0 | 0 | 26 | 1.9 | 0.221 | 17.5 | 2.8 | 1.29 | | 42.8093 | -78.8496 |
| 10/26/2016 14:22 | 11.96 | 81.14 | 0 | 0 | 0 | 0 | 0 | 0 | 27 | 0.9 | 0.288 | 17.5 | 2.8 | 1.21 | | 42.8093 | -78.8496 |
| 10/26/2016 14:21 | 11.98 | 73.26 | 0 | 0 | 0 | 0 | 0 | 0 | 27 | 1.5 | 0.274 | 17.5 | 2.8 | 1.23 | | 42.8093 | -78.8496 |
| 10/26/2016 14:20 | 11.98 | 70.41 | 0 | 0 | 0 | 0 | 0 | 0 | 27 | 1 | 0.258 | 17.5 | 2.8 | 1.21 | | 42.8093 | -78.8496 |
| 10/26/2016 14:19 | 11.96 | 77.13 | 0 | 0 | 0 | 0 | 0 | 0 | 27 | 1.1 | 0.282 | 17.6 | 2.8 | 1.21 | | 42.8093 | -78.8496 |
| 10/26/2016 14:18 | 11.97 | 70.67 | 0 | 0 | 0 | 0 | 0 | 0 | 27 | 0.5 | 0.301 | 17.6 | 2.8 | 1.21 | | 42.8093 | -78.8496 |
| 10/26/2016 14:17 | 11.98 | 77.78 | 0 | 0 | 0 | 0 | 0 | 0 | 26 | 1.1 | 0.295 | 17.6 | 2.8 | 1.24 | | 42.8093 | -78.8496 |
| 10/26/2016 14:16 | 11.97 | 70.16 | 0 | 0 | 0 | 0 | 0 | 0 | 26 | 1 | 0.282 | 17.5 | 2.8 | 1.27 | | 42.8093 | -78.8496 |
| 10/26/2016 14:15 | 11.93 | 98.71 | 0 | 0 | 0 | 0 | 0 | 0 | 27 | 1.7 | 0.259 | 17.6 | 2.8 | 1.28 | | 42.8093 | -78.8496 |
| 10/26/2016 14:14 | 11.98 | 72.48 | 0 | 0 | 0 | 0 | 0 | 0 | 27 | 1.6 | 0.224 | 17.6 | 2.8 | 1.26 | | 42.8093 | -78.8496 |
| 10/26/2016 14:13 | 11.97 | 74.03 | 0 | 0 | 0 | 0 | 0 | 0 | 27 | 1.5 | 0.278 | 17.6 | 2.8 | 1.28 | | 42.8093 | -78.8496 |
| 10/26/2016 14:12 | 11.95 | 89.79 | 0 | 0 | 0 | 0 | 0 | 0 | 26 | 1.4 | 0.251 | 17.6 | 2.9 | 1.28 | | 42.8093 | -78.8496 |
| 10/26/2016 14:11 | 11.98 | 71.71 | 0 | 0 | 0 | 0 | 0 | 0 | 26 | 1.7 | 0.265 | 17.6 | 2.9 | 1.29 | | 42.8093 | -78.8496 |
| 10/26/2016 14:10 | 11.98 | 73.39 | 0 | 0 | 0 | 0 | 0 | 0 | 26 | 1.6 | 0.243 | 17.7 | 2.9 | 1.25 | | 42.8093 | -78.8496 |
| 10/26/2016 14:09 | 11.97 | 81.27 | 0 | 0 | 0 | 0 | 0 | 0 | 26 | 0.8 | 0.252 | 17.7 | 2.9 | 1.21 | | 42.8093 | -78.8496 |
| 10/26/2016 14:08 | 11.97 | 71.45 | 0 | 0 | 0 | 0 | 0 | 0 | 27 | 0.8 | 0.275 | 17.6 | 2.9 | 1.27 | | 42.8093 | -78.8496 |
| 10/26/2016 14:07 | 11.96 | 85.66 | 0 | 0 | 0 | 0 | 0 | 0 | 26 | 1.2 | 0.302 | 17.7 | 2.9 | 1.31 | | 42.8093 | -78.8496 |
| 10/26/2016 14:06 | 11.97 | 73.13 | 0 | 0 | 0 | 0 | 0 | 0 | 27 | 1.1 | 0.277 | 17.7 | 2.9 | 1.31 | | 42.8093 | -78.8496 |
| 10/26/2016 14:05 | 11.98 | 69.38 | 0 | 0 | 0 | 0 | 0 | 0 | 27 | 1 | 0.306 | 17.7 | 2.9 | 1.33 | | 42.8093 | -78.8496 |
| 10/26/2016 14:04 | 11.98 | 66.67 | 0 | 0 | 0 | 0 | 0 | 0 | 27 | 1.1 | 0.254 | 17.7 | 2.9 | 1.33 | | 42.8093 | -78.8496 |
| 10/26/2016 14:03 | 11.97 | 71.96 | 0 | 0 | 0 | 0 | 0 | 0 | 27 | 1 | 0.283 | 17.7 | 2.9 | 1.62 | | 42.8093 | -78.8496 |
| 10/26/2016 14:02 | 11.98 | 69.77 | 0 | 0 | 0 | 0 | 0 | 0 | 26 | 1.5 | 0.258 | 17.7 | 2.9 | 1.67 | | 42.8093 | -78.8496 |
| 10/26/2016 14:01 | 11.98 | 71.32 | 0 | 0 | 0 | 0 | 0 | 0 | 28 | 1.2 | 0.278 | 17.7 | 2.9 | 1.67 | | 42.8093 | -78.8496 |
| 10/26/2016 14:00 | 11.98 | 70.8 | 0 | 0 | 0 | 0 | 0 | 0 | 27 | 1.4 | 0.28 | 17.8 | 2.9 | 1.71 | | 42.8093 | -78.8496 |
| 10/26/2016 13:59 | 11.97 | 72.61 | 0 | 0 | 0 | 0 | 0 | 0 | 27 | 1.9 | 0.256 | 17.8 | 3 | 1.73 | | 42.8093 | -78.8496 |
| 10/26/2016 13:58 | 11.97 | 76.1 | 0 | 0 | 0 | 0 | 0 | 0 | 26 | 1.5 | 0.255 | 17.8 | 3 | 1.7 | | 42.8093 | -78.8496 |
| 10/26/2016 13:57 | 11.97 | 69.77 | 0 | 0 | 0 | 0 | 0 | 0 | 27 | 1.5 | 0.263 | 17.8 | 3 | 1.7 | | 42.8093 | -78.8496 |
| 10/26/2016 13:56 | 11.97 | 72.87 | 0 | 0 | 0 | 0 | 0 | 0 | 26 | 1.1 | 0.295 | 17.8 | 3 | 1.67 | | 42.8093 | -78.8496 |
| 10/26/2016 13:55 | 11.98 | 74.03 | 0 | 0 | 0 | 0 | 0 | 0 | 27 | 1.1 | 0.277 | 17.9 | 3 | 1.66 | | 42.8093 | -78.8496 |
| 10/26/2016 13:54 | 11.96 | 80.49 | 0 | 0 | 0 | 0 | 0 | 0 | 27 | 1.7 | 0.248 | 17.9 | 3 | 1.72 | | 42.8093 | -78.8496 |
| 10/26/2016 13:53 | 11.97 | 74.68 | 0 | 0 | 0 | 0 | 0 | 0 | 27 | 1.3 | 0.284 | 17.8 | 3 | 1.7 | | 42.8093 | -78.8496 |
| 10/26/2016 13:52 | 11.98 | 70.41 | 0 | 0 | 0 | 0 | 0 | 0 | 26 | 1.3 | 0.273 | 17.9 | 3 | 1.69 | | 42.8093 | -78.8496 |
| 10/26/2016 13:51 | 11.98 | 68.48 | 0 | 0 | 0 | 0 | 0 | 0 | 26 | 1.4 | 0.299 | 17.8 | 3 | 1.69 | | 42.8093 | -78.8496 |
| 10/26/2016 13:50 | 11.97 | 74.03 | 0 | 0 | 0 | 0 | 0 | 0 | 27 | 0.9 | 0.299 | 17.9 | 3 | 1.7 | | 42.8093 | -78.8496 |
| 10/26/2016 13:49 | 11.96 | 76.49 | 0 | 0 | 0 | 0 | 0 | 0 | 27 | 5.5 | 0.193 | 17.9 | 3 | 1.75 | | 42.8093 | -78.8496 |
| 10/26/2016 13:48 | 11.98 | 69.51 | 0 | 0 | 0 | 0 | 0 | 0 | 27 | 1.7 | 0.289 | 18 | 3 | 1.49 | | 42.8093 | -78.8496 |
| 10/26/2016 13:47 | 11.98 | 69.12 | 0 | 0 | 0 | 0 | 0 | 0 | 27 | 1.6 | 0.211 | 18 | 3 | 1.48 | | 42.8093 | -78.8496 |
| 10/26/2016 13:46 | 11.97 | 71.71 | 0 | 0 | 0 | 0 | 0 | 0 | 27 | 1.7 | 0.224 | 18 | 3 | 1.43 | | 42.8093 | -78.8496 |
| 10/26/2016 13:45 | 11.97 | 73.51 | 0 | 0 | 0 | 0 | 0 | 0 | 27 | 1.8 | 0.264 | 18 | 3 | 1.41 | | 42.8093 | -78.8496 |
| 10/26/2016 13:44 | 11.97 | 72.48 | 0 | 0 | 0 | 0 | 0 | 0 | 26 | 1.4 | 0.259 | 18 | 3 | 1.36 | | 42.8093 | -78.8496 |
| 10/26/2016 13:43 | 11.98 | 69.64 | 0 | 0 | 0 | 0 | 0 | 0 | 27 | 1.5 | 0.246 | 18 | 3.1 | 1.35 | | 42.8093 | -78.8496 |
| 10/26/2016 13:42 | 11.97 | 72.48 | 0 | 0 | 0 | 0 | 0 | 0 | 27 | 1 | 0.272 | 18.1 | 3.1 | 1.33 | | 42.8093 | -78.8496 |
| 10/26/2016 13:41 | 11.97 | 77.78 | 0 | 0 | 0 | 0 | 0 | 0 | 27 | 1 | 0.28 | 18 | 3.1 | 1.35 | | 42.8092 | -78.8496 |
| 10/26/2016 13:40 | 11.97 | 67.96 | 0 | 0 | 0 | 0 | 0 | 0 | 27 | 2 | 0.248 | 18 | 3.1 | 1.39 | | 42.8092 | -78.8496 |

| Timestamp (GMT-4) | Batt. Voltage (V) | Current (mA) | Low (ppm) | Peak (ppm) | STEL (ppm) | TWA (ppm) | VOC (ppm) | VOC (Avg15) (ppm) | Humidity (%) | Mass (µg/m³) | Particle size (µm) | Temperature (°C) | TWA (µg/m³) | Mass (Avg15) (µg/m³) | TWA (Avg15) (µg/m³) | Latitude | Longitude |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 10/26/2016 13:39 | 11.97 | 71.19 | 0 | 0 | 0 | 0 | 0 | 0 | 27 | 1.4 | 0.26 | 18 | 3.1 | 1.38 | | 42.8093 | -78.8496 |
| 10/26/2016 13:38 | 11.95 | 81.01 | 0 | 0 | 0 | 0 | 0 | 0 | 26 | 1.1 | 0.262 | 18 | 3.1 | 1.52 | | 42.8092 | -78.8496 |
| 10/26/2016 13:37 | 11.97 | 74.55 | 0 | 0 | 0 | 0 | 0 | 0 | 27 | 1.4 | 0.274 | 18.1 | 3.1 | 1.55 | | 42.8092 | -78.8496 |
| 10/26/2016 13:36 | 11.97 | 70.16 | 0 | 0 | 0 | 0 | 0 | 0 | 26 | 1.5 | 0.271 | 18.1 | 3.1 | 1.6 | | 42.8092 | -78.8496 |
| 10/26/2016 13:35 | 11.94 | 87.98 | 0 | 0 | 0 | 0 | 0 | 0 | 27 | 1.7 | 0.255 | 18 | 3.1 | 1.61 | | 42.8092 | -78.8496 |
| 10/26/2016 13:34 | 11.97 | 71.96 | 0 | 0 | 0 | 0 | 0 | 0 | 27 | 1.5 | 0.239 | 18 | 3.1 | 1.59 | | 42.8092 | -78.8496 |
| 10/26/2016 13:33 | 11.97 | 71.96 | 0 | 0 | 0 | 0 | 0 | 0 | 27 | 1.6 | 0.246 | 18 | 3.1 | 1.57 | | 42.8092 | -78.8496 |
| 10/26/2016 13:32 | 11.95 | 86.31 | 0 | 0 | 0 | 0 | 0 | 0 | 26 | 0.9 | 0.27 | 18.1 | 3.2 | 1.59 | | 42.8092 | -78.8496 |
| 10/26/2016 13:31 | 11.98 | 69.64 | 0 | 0 | 0 | 0 | 0 | 0 | 27 | 1.3 | 0.22 | 18.1 | 3.2 | 1.64 | | 42.8092 | -78.8496 |
| 10/26/2016 13:30 | 11.97 | 75.32 | 0 | 0 | 0 | 0 | 0 | 0 | 27 | 1.1 | 0.306 | 18 | 3.2 | 1.69 | | 42.8092 | -78.8496 |
| 10/26/2016 13:29 | 11.97 | 74.94 | 0 | 0 | 0 | 0 | 0 | 0 | 27 | 1.2 | 0.285 | 18 | 3.2 | 1.76 | | 42.8092 | -78.8496 |
| 10/26/2016 13:28 | 11.97 | 75.84 | 0 | 0 | 0 | 0 | 0 | 0 | 27 | 1.2 | 0.28 | 18 | 3.2 | 1.83 | | 42.8092 | -78.8496 |
| 10/26/2016 13:27 | 11.95 | 91.09 | 0 | 0 | 0 | 0 | 0 | 0 | 27 | 1.4 | 0.286 | 18 | 3.2 | 1.91 | | 42.8092 | -78.8496 |
| 10/26/2016 13:26 | 11.96 | 75.84 | 0 | 0 | 0 | 0 | 0 | 0 | 27 | 1.6 | 0.276 | 18 | 3.2 | 1.96 | | 42.8092 | -78.8496 |
| 10/26/2016 13:25 | 11.97 | 71.83 | 0 | 0 | 0 | 0 | 0 | 0 | 27 | 1.8 | 0.287 | 18.1 | 3.2 | 1.96 | | 42.8092 | -78.8496 |
| 10/26/2016 13:24 | 11.97 | 68.86 | 0 | 0 | 0 | 0 | 0 | 0 | 27 | 3.5 | 0.161 | 18 | 3.2 | 1.95 | | 42.8092 | -78.8496 |
| 10/26/2016 13:23 | 11.98 | 66.93 | 0 | 0 | 0 | 0 | 0 | 0 | 27 | 1.5 | 0.268 | 18 | 3.2 | 3.26 | | 42.8092 | -78.8496 |
| 10/26/2016 13:22 | 11.96 | 75.71 | 0 | 0 | 0 | 0 | 0 | 0 | 26 | 2.2 | 0.258 | 18 | 3.3 | 3.42 | | 42.8092 | -78.8496 |
| 10/26/2016 13:21 | 11.95 | 81.01 | 0 | 0 | 0 | 0 | 0 | 0 | 27 | 1.6 | 0.284 | 18 | 3.3 | 3.7 | | 42.8092 | -78.8496 |
| 10/26/2016 13:20 | 11.98 | 71.19 | 0 | 0 | 0 | 0 | 0 | 0 | 28 | 1.4 | 0.276 | 18 | 3.3 | 3.74 | | 42.8093 | -78.8496 |
| 10/26/2016 13:19 | 11.97 | 72.22 | 0 | 0 | 0 | 0 | 0 | 0 | 28 | 1.2 | 0.301 | 18 | 3.3 | 3.79 | | 42.8093 | -78.8496 |
| 10/26/2016 13:18 | 11.97 | 72.22 | 0 | 0 | 0 | 0 | 0 | 0 | 28 | 2 | 0.271 | 17.9 | 3.3 | 3.85 | | 42.8093 | -78.8496 |
| 10/26/2016 13:17 | 11.97 | 71.32 | 0 | 0 | 0 | 0 | 0 | 0 | 27 | 1.6 | 0.285 | 18 | 3.3 | 3.8 | | 42.8093 | -78.8496 |
| 10/26/2016 13:16 | 11.98 | 69.12 | 0 | 0 | 0 | 0 | 0 | 0 | 27 | 2 | 0.25 | 18 | 3.3 | 3.77 | | 42.8093 | -78.8496 |
| 10/26/2016 13:15 | 11.97 | 73.64 | 0 | 0 | 0 | 0 | 0 | 0 | 27 | 2.2 | 0.283 | 17.9 | 3.3 | 3.77 | | 42.8092 | -78.8496 |
| 10/26/2016 13:14 | 11.97 | 72.48 | 0 | 0 | 0 | 0 | 0 | 0 | 28 | 2.2 | 0.201 | 17.9 | 3.3 | 3.75 | | 42.8093 | -78.8496 |
| 10/26/2016 13:13 | 11.97 | 73.64 | 0 | 0 | 0 | 0 | 0 | 0 | 28 | 2.5 | 0.242 | 17.8 | 3.3 | 3.67 | | 42.8093 | -78.8496 |
| 10/26/2016 13:12 | 11.97 | 73 | 0 | 0 | 0 | 0 | 0 | 0 | 26 | 2.1 | 0.268 | 17.9 | 3.3 | 3.6 | | 42.8093 | -78.8496 |
| 10/26/2016 13:11 | 11.97 | 70.41 | 0 | 0 | 0 | 0 | 0 | 0 | 27 | 1.6 | 0.273 | 17.9 | 3.3 | 3.91 | | 42.8092 | -78.8496 |
| 10/26/2016 13:10 | 11.97 | 70.03 | 0 | 0 | 0 | 0 | 0 | 0 | 28 | 1.7 | 0.29 | 17.7 | 3.4 | 4.06 | | 42.8093 | -78.8496 |
| 10/26/2016 13:09 | 11.98 | 71.58 | 0 | 0 | 0 | 0 | 0 | 0 | 27 | 23.1 | 0.091 | 17.8 | 3.4 | 4.04 | | 42.8092 | -78.8496 |
| 10/26/2016 13:08 | 11.98 | 74.55 | 0 | 0 | 0 | 0 | 0 | 0 | 27 | 3.9 | 0.235 | 17.8 | 3.3 | 2.6 | | 42.8093 | -78.8496 |
| 10/26/2016 13:07 | 11.97 | 76.36 | 0 | 0 | 0 | 0 | 0 | 0 | 27 | 6.4 | 0.12 | 17.8 | 3.3 | 2.41 | | 42.8092 | -78.8496 |
| 10/26/2016 13:06 | 11.98 | 73.51 | 0 | 0 | 0 | 0 | 0 | 0 | 27 | 2.2 | 0.155 | 17.6 | 3.3 | 2.06 | | 42.8092 | -78.8496 |
| 10/26/2016 13:05 | 11.98 | 72.61 | 0 | 0 | 0 | 0 | 0 | 0 | 27 | 2.2 | 0.226 | 17.7 | 3.3 | 2.01 | | 42.8093 | -78.8496 |
| 10/26/2016 13:04 | 11.95 | 84.5 | 0 | 0 | 0 | 0 | 0 | 0 | 28 | 2 | 0.231 | 17.7 | 3.3 | 1.95 | | 42.8093 | -78.8496 |
| 10/26/2016 13:03 | 11.98 | 70.28 | 0 | 0 | 0 | 0 | 0 | 0 | 27 | 1.3 | 0.268 | 17.5 | 3.3 | 1.89 | | 42.8093 | -78.8496 |
| 10/26/2016 13:02 | 11.99 | 71.83 | 0 | 0 | 0 | 0 | 0 | 0 | 27 | 1.2 | 0.29 | 17.6 | 3.3 | 1.89 | | 42.8093 | -78.8496 |
| 10/26/2016 13:01 | 11.99 | 68.73 | 0 | 0 | 0 | 0 | 0 | 0 | 27 | 1.9 | 0.27 | 17.6 | 3.3 | 1.89 | | 42.8093 | -78.8496 |
| 10/26/2016 13:00 | 11.97 | 86.69 | 0 | 0 | 0 | 0 | 0 | 0 | 28 | 1.9 | 0.269 | 17.5 | 3.3 | 1.84 | | 42.8093 | -78.8496 |
| 10/26/2016 12:59 | 11.98 | 72.09 | 0 | 0 | 0 | 0 | 0 | 0 | 27 | 1.1 | 0.283 | 17.5 | 3.3 | 1.79 | | 42.8093 | -78.8496 |
| 10/26/2016 12:58 | 11.98 | 72.74 | 0 | 0 | 0 | 0 | 0 | 0 | 28 | 1.4 | 0.264 | 17.4 | 3.3 | 1.81 | | 42.8093 | -78.8496 |
| 10/26/2016 12:57 | 11.99 | 71.19 | 0 | 0 | 0 | 0 | 0 | 0 | 27 | 6.7 | 0.028 | 17.5 | 3.3 | 1.79 | | 42.8093 | -78.8496 |
| 10/26/2016 12:56 | 11.98 | 72.61 | 0 | 0 | 0 | 0 | 0 | 0 | 28 | 3.9 | 0.149 | 17.4 | 3.3 | 1.45 | | 42.8093 | -78.8496 |
| 10/26/2016 12:55 | 11.99 | 72.35 | 0 | 0 | 0 | 0 | 0 | 0 | 27 | 1.4 | 0.287 | 17.4 | 3.3 | 1.29 | | 42.8093 | -78.8496 |
| 10/26/2016 12:54 | 11.99 | 74.42 | 0 | 0 | 0 | 0 | 0 | 0 | 28 | 1.5 | 0.28 | 17.5 | 3.4 | 1.27 | | 42.8092 | -78.8496 |
| 10/26/2016 12:53 | 11.98 | 72.74 | 0 | 0 | 0 | 0 | 0 | 0 | 28 | 1.1 | 0.181 | 17.3 | 3.4 | 1.27 | | 42.8092 | -78.8496 |
| 10/26/2016 12:52 | 11.98 | 73.77 | 0 | 0 | 0 | 0 | 0 | 0 | 28 | 1.1 | 0.278 | 17.4 | 3.4 | 1.29 | | 42.8092 | -78.8496 |
| 10/26/2016 12:51 | 11.99 | 72.74 | 0 | 0 | 0 | 0 | 0 | 0 | 27 | 1.4 | 0.309 | 17.3 | 3.4 | 1.53 | | 42.8093 | -78.8496 |
| 10/26/2016 12:50 | 11.98 | 81.65 | 0 | 0 | 0 | 0 | 0 | 0 | 28 | 1.4 | 0.258 | 17.4 | 3.4 | 1.52 | | 42.8093 | -78.8496 |
| 10/26/2016 12:49 | 11.98 | 71.32 | 0 | 0 | 0 | 0 | 0 | 0 | 28 | 1 | 0.306 | 17.3 | 3.4 | 1.53 | | 42.8093 | -78.8496 |
| 10/26/2016 12:48 | 11.99 | 70.03 | 0 | 0 | 0 | 0 | 0 | 0 | 29 | 1.4 | 0.253 | 17.2 | 3.4 | 1.54 | | 42.8093 | -78.8496 |
| 10/26/2016 12:47 | 11.99 | 74.29 | 0 | 0 | 0 | 0 | 0 | 0 | 28 | 1.1 | 0.3 | 17.3 | 3.5 | 1.56 | | 42.8093 | -78.8496 |
| 10/26/2016 12:46 | 11.99 | 70.28 | 0 | 0 | 0 | 0 | 0 | 0 | 28 | 1.2 | 0.304 | 17.3 | 3.5 | 1.57 | | 42.8093 | -78.8496 |

| Timestamp (GMT-4) | Batt. Voltage (V) | Current (mA) | Low (ppm) | Peak (ppm) | STEL (ppm) | TWA (ppm) | VOC (ppm) | VOC (Avg15) (ppm) | Humidity (%) | Mass (µg/m³) | Particle size (µm) | Temperature (°C) | TWA (µg/m³) | Mass (Avg15) (µg/m³) | TWA (Avg15) (µg/m³) | Latitude | Longitude |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 10/26/2016 12:45 | 12 | 72.09 | 0 | 0 | 0 | 0 | 0 | 0 | 28 | 1.1 | 0.258 | 17.2 | 3.5 | 1.57 | | 42.8092 | -78.8496 |
| 10/26/2016 12:44 | 12 | 75.32 | 0 | 0 | 0 | 0 | 0 | 0 | 28 | 1.4 | 0.252 | 17.1 | 3.5 | 1.6 | | 42.8093 | -78.8496 |
| 10/26/2016 12:43 | 11.99 | 75.19 | 0 | 0 | 0 | 0 | 0 | 0 | 28 | 1.2 | 0.28 | 17.2 | 3.5 | 1.59 | | 42.8092 | -78.8496 |
| 10/26/2016 12:42 | 11.99 | 68.99 | 0 | 0 | 0 | 0 | 0 | 0 | 28 | 1.6 | 0.274 | 17.1 | 3.6 | 1.59 | | 42.8092 | -78.8496 |
| 10/26/2016 12:41 | 11.99 | 71.83 | 0 | 0 | 0 | 0 | 0 | 0 | 29 | 1.4 | 0.282 | 17.2 | 3.6 | 1.61 | | 42.8093 | -78.8496 |
| 10/26/2016 12:40 | 11.98 | 76.74 | 0 | 0 | 0 | 0 | 0 | 0 | 28 | 1.1 | 0.284 | 17.1 | 3.6 | 1.64 | | 42.8093 | -78.8496 |
| 10/26/2016 12:39 | 11.95 | 96.9 | 0 | 0 | 0 | 0 | 0 | 0 | 29 | 1.5 | 0.275 | 17.1 | 3.6 | 1.67 | | 42.8093 | -78.8496 |
| 10/26/2016 12:38 | 12.01 | 68.09 | 0 | 0 | 0 | 0 | 0 | 0 | 28 | 1.4 | 0.274 | 17.1 | 3.6 | 1.67 | | 42.8093 | -78.8496 |
| 10/26/2016 12:37 | 12 | 71.06 | 0 | 0 | 0 | 0 | 0 | 0 | 29 | 4.7 | 0.099 | 17.1 | 3.6 | 1.69 | | 42.8093 | -78.8496 |
| 10/26/2016 12:36 | 12 | 70.67 | 0 | 0 | 0 | 0 | 0 | 0 | 28 | 1.3 | 0.281 | 17.2 | 3.6 | 1.72 | | 42.8093 | -78.8496 |
| 10/26/2016 12:35 | 11.96 | 96.64 | 0 | 0 | 0 | 0 | 0 | 0 | 28 | 1.5 | 0.269 | 17.1 | 3.7 | 2.03 | | 42.8093 | -78.8496 |
| 10/26/2016 12:34 | 12 | 72.74 | 0 | 0 | 0 | 0 | 0 | 0 | 29 | 1.2 | 0.281 | 17.1 | 3.7 | 2.17 | | 42.8092 | -78.8496 |
| 10/26/2016 12:33 | 12 | 71.06 | 0 | 0 | 0 | 0 | 0 | 0 | 28 | 1.7 | 0.28 | 17.1 | 3.7 | 2.58 | | 42.8093 | -78.8496 |
| 10/26/2016 12:32 | 11.98 | 86.95 | 0 | 0 | 0 | 0 | 0 | 0 | 29 | 1.2 | 0.282 | 17.2 | 3.7 | 2.59 | | 42.8093 | -78.8496 |
| 10/26/2016 12:31 | 12 | 71.58 | 0 | 0 | 0 | 0 | 0 | 0 | 28 | 1.2 | 0.286 | 17.2 | 3.7 | 2.62 | | 42.8093 | -78.8496 |
| 10/26/2016 12:30 | 12 | 70.03 | 0 | 0 | 0 | 0 | 0 | 0 | 29 | 1.6 | 0.277 | 17.1 | 3.7 | 2.6 | | 42.8093 | -78.8496 |
| 10/26/2016 12:29 | 12 | 73.26 | 0 | 0 | 0 | 0 | 0 | 0 | 28 | 1.3 | 0.29 | 17.2 | 3.8 | 2.58 | | 42.8093 | -78.8496 |
| 10/26/2016 12:28 | 12 | 71.45 | 0 | 0 | 0 | 0 | 0 | 0 | 28 | 1.2 | 0.284 | 17.1 | 3.8 | 2.59 | | 42.8093 | -78.8496 |
| 10/26/2016 12:27 | 11.98 | 79.33 | 0 | 0 | 0 | 0 | 0 | 0 | 29 | 1.9 | 0.268 | 17.2 | 3.8 | 2.61 | | 42.8093 | -78.8496 |
| 10/26/2016 12:26 | 12.01 | 71.19 | 0 | 0 | 0 | 0 | 0 | 0 | 29 | 1.8 | 0.262 | 17.2 | 3.8 | 2.6 | | 42.8093 | -78.8496 |
| 10/26/2016 12:25 | 12 | 71.06 | 0 | 0 | 0 | 0 | 0 | 0 | 28 | 1.5 | 0.29 | 17.2 | 3.8 | 2.56 | | 42.8093 | -78.8496 |
| 10/26/2016 12:24 | 12 | 73.13 | 0 | 0 | 0 | 0 | 0 | 0 | 28 | 1.5 | 0.268 | 17.2 | 3.9 | 2.55 | | 42.8093 | -78.8496 |
| 10/26/2016 12:23 | 12 | 72.48 | 0 | 0 | 0 | 0 | 0 | 0 | 29 | 1.8 | 0.265 | 17.3 | 3.9 | 2.54 | | 42.8093 | -78.8496 |
| 10/26/2016 12:22 | 12 | 69.51 | 0 | 0 | 0 | 0 | 0 | 0 | 28 | 5.1 | 0.159 | 17.2 | 3.9 | 2.51 | | 42.8093 | -78.8496 |
| 10/26/2016 12:21 | 12 | 73.39 | 0 | 0 | 0 | 0 | 0 | 0 | 28 | 5.9 | 0.028 | 17.2 | 3.8 | 2.27 | | 42.8093 | -78.8496 |
| 10/26/2016 12:20 | 12.01 | 71.45 | 0 | 0 | 0 | 0 | 0 | 0 | 28 | 3.7 | 0.188 | 17.2 | 3.8 | 1.99 | | 42.8093 | -78.8496 |
| 10/26/2016 12:19 | 12 | 70.16 | 0 | 0 | 0 | 0 | 0 | 0 | 28 | 7.3 | 0.079 | 17.3 | 3.8 | 1.94 | | 42.8093 | -78.8496 |
| 10/26/2016 12:18 | 12 | 72.61 | 0 | 0 | 0 | 0 | 0 | 0 | 28 | 1.8 | 0.223 | 17.3 | 3.8 | 2.15 | | 42.8093 | -78.8496 |
| 10/26/2016 12:17 | 12.02 | 68.09 | 0 | 0 | 0 | 0 | 0 | 0 | 27 | 1.7 | 0.14 | 17.3 | 3.8 | 2.14 | | 42.8093 | -78.8496 |
| 10/26/2016 12:16 | 12 | 71.32 | 0 | 0 | 0 | 0 | 0 | 0 | 29 | 0.9 | 0.282 | 17.3 | 3.8 | 2.14 | | 42.8093 | -78.8496 |
| 10/26/2016 12:15 | 12.02 | 70.03 | 0 | 0 | 0 | 0 | 0 | 0 | 29 | 1.3 | 0.263 | 17.3 | 3.9 | 2.17 | | 42.8093 | -78.8496 |
| 10/26/2016 12:14 | 12 | 71.19 | 0 | 0 | 0 | 0 | 0 | 0 | 27 | 1.5 | 0.266 | 17.3 | 3.9 | 2.27 | | 42.8093 | -78.8496 |
| 10/26/2016 12:13 | 12.01 | 68.99 | 0 | 0 | 0 | 0 | 0 | 0 | 28 | 1.5 | 0.281 | 17.4 | 3.9 | 2.38 | | 42.8093 | -78.8496 |
| 10/26/2016 12:12 | 12.01 | 68.86 | 0 | 0 | 0 | 0 | 0 | 0 | 28 | 1.7 | 0.288 | 17.5 | 3.9 | 2.39 | | 42.8093 | -78.8496 |
| 10/26/2016 12:11 | 12 | 70.28 | 0 | 0 | 0 | 0 | 0 | 0 | 29 | 1.2 | 0.28 | 17.4 | 4 | 2.37 | | 42.8093 | -78.8496 |
| 10/26/2016 12:10 | 12.01 | 71.45 | 0 | 0 | 0 | 0 | 0 | 0 | 28 | 1.3 | 0.275 | 17.5 | 4 | 2.38 | | 42.8093 | -78.8496 |
| 10/26/2016 12:09 | 12 | 81.27 | 0 | 0 | 0 | 0 | 0 | 0 | 28 | 1.4 | 0.234 | 17.5 | 4 | 2.42 | | 42.8093 | -78.8496 |
| 10/26/2016 12:08 | 12.01 | 70.03 | 0 | 0 | 0 | 0 | 0 | 0 | 28 | 1.4 | 0.266 | 17.5 | 4 | 2.41 | | 42.8093 | -78.8496 |
| 10/26/2016 12:07 | 12.01 | 73 | 0 | 0 | 0 | 0 | 0 | 0 | 28 | 1.4 | 0.278 | 17.5 | 4.1 | 2.41 | | 42.8093 | -78.8496 |
| 10/26/2016 12:06 | 12 | 74.03 | 0 | 0 | 0 | 0 | 0 | 0 | 28 | 1.7 | 0.262 | 17.6 | 4.1 | 2.61 | | 42.8093 | -78.8496 |
| 10/26/2016 12:05 | 12.01 | 70.67 | 0 | 0 | 0 | 0 | 0 | 0 | 29 | 3 | 0.276 | 17.6 | 4.1 | 2.71 | | 42.8093 | -78.8496 |
| 10/26/2016 12:04 | 12 | 72.35 | 0 | 0 | 0 | 0 | 0 | 0 | 27 | 10.5 | 0.12 | 17.6 | 4.1 | 2.72 | | 42.8093 | -78.8496 |
| 10/26/2016 12:03 | 12 | 71.71 | 0 | 0 | 0 | 0 | 0 | 0 | 28 | 1.6 | 0.261 | 17.6 | 4.1 | 2.95 | | 42.8093 | -78.8496 |
| 10/26/2016 12:02 | 12 | 73.51 | 0 | 0 | 0 | 0 | 0 | 0 | 29 | 1.7 | 0.239 | 17.6 | 4.1 | 2.97 | | 42.8093 | -78.8496 |
| 10/26/2016 12:01 | 12.01 | 72.87 | 0 | 0 | 0 | 0 | 0 | 0 | 29 | 1.4 | 0.293 | 17.6 | 4.2 | 2.98 | | 42.8093 | -78.8496 |
| 10/26/2016 12:00 | 12 | 69.77 | 0 | 0 | 0 | 0 | 0 | 0 | 28 | 2.7 | 0.275 | 17.7 | 4.2 | 2.99 | | 42.8093 | -78.8496 |
| 10/26/2016 11:59 | 12.01 | 66.67 | 0 | 0 | 0 | 0 | 0 | 0 | 28 | 3.2 | 0.195 | 17.7 | 4.2 | 2.94 | | 42.8093 | -78.8496 |
| 10/26/2016 11:58 | 12.01 | 71.45 | 0 | 0 | 0 | 0 | 0 | 0 | 28 | 1.6 | 0.252 | 17.7 | 4.2 | 2.81 | | 42.8093 | -78.8496 |
| 10/26/2016 11:57 | 12.01 | 74.55 | 0 | 0 | 0 | 0 | 0 | 0 | 28 | 1.4 | 0.285 | 17.8 | 4.2 | 2.86 | | 42.8093 | -78.8496 |
| 10/26/2016 11:56 | 11.98 | 87.47 | 0 | 0 | 0 | 0 | 0 | 0 | 28 | 1.4 | 0.304 | 17.8 | 4.3 | 2.85 | | 42.8093 | -78.8496 |
| 10/26/2016 11:55 | 11.99 | 83.33 | 0 | 0 | 0 | 0 | 0 | 0 | 27 | 1.9 | 0.241 | 17.8 | 4.3 | 2.87 | | 42.8093 | -78.8496 |
| 10/26/2016 11:54 | 12 | 77 | 0 | 0 | 0 | 0 | 0 | 0 | 28 | 1.3 | 0.28 | 17.9 | 4.3 | 2.87 | | 42.8093 | -78.8496 |
| 10/26/2016 11:53 | 12 | 79.85 | 0 | 0 | 0 | 0 | 0 | 0 | 28 | 1.3 | 0.271 | 17.9 | 4.4 | 3.06 | | 42.8093 | -78.8496 |
| 10/26/2016 11:52 | 12 | 74.16 | 0 | 0 | 0 | 0 | 0 | 0 | 27 | 4.5 | 0.227 | 17.9 | 4.4 | 3.51 | | 42.8093 | -78.8496 |

| Timestamp (GMT-4) | Batt. Voltage (V) | Current (mA) | Low (ppm) | Peak (ppm) | STEL (ppm) | TWA (ppm) | VOC (ppm) | VOC (Avg15) (ppm) | Humidity (%) | Mass (µg/m³) | Particle size (µm) | Temperature (°C) | TWA (µg/m³) | Mass (Avg15) (µg/m³) | TWA (Avg15) (µg/m³) | Latitude | Longitude |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 10/26/2016 11:51 | 12.01 | 72.61 | 0 | 0 | 0 | 0 | 0 | 0 | 28 | 3.1 | 0.191 | 18 | 3.9 | 3.31 | | 42.8093 | -78.8496 |
| 10/26/2016 11:50 | 12 | 76.62 | 0 | 0 | 0 | 0 | 0 | 0 | 28 | 3.2 | 0.275 | 18.1 | 3.9 | 3.2 | | 42.8093 | -78.8496 |
| 10/26/2016 11:49 | 12.01 | 71.06 | 0 | 0 | 0 | 0 | 0 | 0 | 28 | 14 | 0.139 | 18.1 | 3.6 | 3.19 | | 42.8093 | -78.8496 |
| 10/26/2016 11:48 | 12.01 | 70.41 | 0 | 0 | 0 | 0 | 0 | 0 | 27 | 1.9 | 0.262 | 18.2 | 3.6 | 2.37 | | 42.8093 | -78.8496 |
| 10/26/2016 11:47 | 12.01 | 74.94 | 0 | 0 | 0 | 0 | 0 | 0 | 27 | 1.8 | 0.26 | 18.2 | 3.6 | 2.33 | | 42.8093 | -78.8496 |
| 10/26/2016 11:46 | 12.01 | 72.74 | 0 | 0 | 0 | 0 | 0 | 0 | 28 | 1.5 | 0.294 | 18.2 | 3.6 | 2.3 | | 42.8093 | -78.8496 |
| 10/26/2016 11:45 | 12.01 | 70.16 | 0 | 0 | 0 | 0 | 0 | 0 | 28 | 2 | 0.281 | 18.2 | 3.7 | 2.29 | | 42.8093 | -78.8496 |
| 10/26/2016 11:44 | 11.98 | 90.18 | 0 | 0 | 0 | 0 | 0 | 0 | 28 | 1.3 | 0.289 | 18.3 | 3.7 | 2.25 | | 42.8093 | -78.8496 |
| 10/26/2016 11:43 | 12.01 | 71.06 | 0 | 0 | 0 | 0 | 0 | 0 | 27 | 2.3 | 0.26 | 18.3 | 3.7 | 2.27 | | 42.8093 | -78.8496 |
| 10/26/2016 11:42 | 12 | 72.09 | 0 | 0 | 0 | 0 | 0 | 0 | 27 | 1.2 | 0.288 | 18.5 | 3.7 | 2.21 | | 42.8092 | -78.8496 |
| 10/26/2016 11:41 | 12.01 | 70.16 | 0 | 0 | 0 | 0 | 0 | 0 | 28 | 1.7 | 0.285 | 18.6 | 3.8 | 2.23 | | 42.8093 | -78.8496 |
| 10/26/2016 11:40 | 12.01 | 69.51 | 0 | 0 | 0 | 0 | 0 | 0 | 27 | 1.9 | 0.266 | 18.5 | 3.8 | 2.21 | | 42.8093 | -78.8496 |
| 10/26/2016 11:39 | 12 | 71.45 | 0 | 0 | 0 | 0 | 0 | 0 | 28 | 4.2 | 0.253 | 18.6 | 3.8 | 2.17 | | 42.8093 | -78.8496 |
| 10/26/2016 11:38 | 12.01 | 69.12 | 0 | 0 | 0 | 0 | 0 | 0 | 28 | 8.1 | 0.028 | 18.6 | 3.7 | 1.99 | | 42.8093 | -78.8496 |
| 10/26/2016 11:37 | 12 | 72.22 | 0 | 0 | 0 | 0 | 0 | 0 | 27 | 1.4 | 0.284 | 18.7 | 3.7 | 1.57 | | 42.8093 | -78.8496 |
| 10/26/2016 11:36 | 12.01 | 70.67 | 0 | 0 | 0 | 0 | 0 | 0 | 28 | 1.5 | 0.257 | 18.7 | 3.8 | 1.59 | | 42.8093 | -78.8496 |
| 10/26/2016 11:35 | 12 | 70.8 | 0 | 0 | 0 | 0 | 0 | 0 | 27 | 3 | 0.173 | 18.7 | 3.8 | 1.58 | | 42.8093 | -78.8496 |
| 10/26/2016 11:34 | 12 | 79.59 | 0 | 0 | 0 | 0 | 0 | 0 | 27 | 1.7 | 0.277 | 18.8 | 3.8 | 1.51 | | 42.8093 | -78.8496 |
| 10/26/2016 11:33 | 12.01 | 68.22 | 0 | 0 | 0 | 0 | 0 | 0 | 27 | 1.4 | 0.262 | 18.9 | 3.8 | 1.5 | | 42.8093 | -78.8496 |
| 10/26/2016 11:32 | 12.01 | 70.16 | 0 | 0 | 0 | 0 | 0 | 0 | 27 | 1.3 | 0.293 | 18.8 | 3.8 | 1.51 | | 42.8093 | -78.8496 |
| 10/26/2016 11:31 | 12 | 70.8 | 0 | 0 | 0 | 0 | 0 | 0 | 27 | 1.3 | 0.281 | 18.8 | 3.9 | 1.52 | | 42.8093 | -78.8496 |
| 10/26/2016 11:30 | 12.02 | 69.77 | 0 | 0 | 0 | 0 | 0 | 0 | 27 | 1.5 | 0.289 | 19 | 3.9 | 1.54 | | 42.8093 | -78.8496 |
| 10/26/2016 11:29 | 12.01 | 66.8 | 0 | 0 | 0 | 0 | 0 | 0 | 28 | 1.6 | 0.276 | 19.1 | 4 | 1.53 | | 42.8092 | -78.8496 |
| 10/26/2016 11:28 | 12 | 76.87 | 0 | 0 | 0 | 0 | 0 | 0 | 27 | 1.4 | 0.28 | 19.1 | 4 | 1.55 | | 42.8092 | -78.8496 |
| 10/26/2016 11:27 | 12.02 | 70.16 | 0 | 0 | 0 | 0 | 0 | 0 | 27 | 1.5 | 0.282 | 19.1 | 4.1 | 1.62 | | 42.8093 | -78.8496 |
| 10/26/2016 11:26 | 12.01 | 70.03 | 0 | 0 | 0 | 0 | 0 | 0 | 28 | 1.4 | 0.298 | 19.2 | 4.1 | 2.1 | | 42.8093 | -78.8496 |
| 10/26/2016 11:25 | 12.01 | 72.35 | 0 | 0 | 0 | 0 | 0 | 0 | 26 | 1.3 | 0.255 | 19.2 | 4.2 | 2.11 | | 42.8093 | -78.8496 |
| 10/26/2016 11:24 | 12.02 | 67.96 | 0 | 0 | 0 | 0 | 0 | 0 | 27 | 1.5 | 0.29 | 19.3 | 4.2 | 2.51 | | 42.8093 | -78.8496 |
| 10/26/2016 11:23 | 12.02 | 65.76 | 0 | 0 | 0 | 0 | 0 | 0 | 27 | 1.7 | 0.28 | 19.3 | 4.3 | 2.89 | | 42.8093 | -78.8496 |
| 10/26/2016 11:22 | 12.02 | 68.73 | 0 | 0 | 0 | 0 | 0 | 0 | 27 | 1.7 | 0.274 | 19.4 | 4.3 | 3.35 | | 42.8093 | -78.8496 |
| 10/26/2016 11:21 | 11.99 | 80.36 | 0 | 0 | 0 | 0 | 0 | 0 | 27 | 1.4 | 0.273 | 19.5 | 4.4 | 3.36 | | 42.8093 | -78.8496 |
| 10/26/2016 11:20 | 12.01 | 71.06 | 0 | 0 | 0 | 0 | 0 | 0 | 27 | 1.9 | 0.205 | 19.5 | 4.4 | 4.52 | | 42.8093 | -78.8496 |
| 10/26/2016 11:19 | 12.01 | 72.22 | 0 | 0 | 0 | 0 | 0 | 0 | 27 | 1.6 | 0.258 | 19.5 | 4.5 | 4.48 | | 42.8093 | -78.8496 |
| 10/26/2016 11:18 | 12.02 | 67.44 | 0 | 0 | 0 | 0 | 0 | 0 | 27 | 1.5 | 0.286 | 19.6 | 4.6 | 4.47 | | 42.8093 | -78.8496 |
| 10/26/2016 11:17 | 12.01 | 74.16 | 0 | 0 | 0 | 0 | 0 | 0 | 27 | 1.5 | 0.293 | 19.6 | 4.6 | 4.46 | | 42.8093 | -78.8496 |
| 10/26/2016 11:16 | 11.99 | 82.82 | 0 | 0 | 0 | 0 | 0 | 0 | 27 | 1.6 | 0.28 | 19.7 | 4.7 | 4.47 | | 42.8093 | -78.8496 |
| 10/26/2016 11:15 | 12.01 | 71.32 | 0 | 0 | 0 | 0 | 0 | 0 | 27 | 1.3 | 0.273 | 19.8 | 4.8 | 4.44 | | 42.8093 | -78.8496 |
| 10/26/2016 11:14 | 12 | 83.08 | 0 | 0 | 0 | 0 | 0 | 0 | 28 | 1.9 | 0.275 | 19.8 | 4.9 | 4.47 | | 42.8093 | -78.8496 |
| 10/26/2016 11:13 | 12 | 77.13 | 0 | 0 | 0 | 0 | 0 | 0 | 27 | 2.5 | 0.248 | 19.8 | 4.9 | 4.45 | | 42.8092 | -78.8496 |
| 10/26/2016 11:12 | 11.98 | 86.56 | 0 | 0 | 0 | 0 | 0 | 0 | 27 | 8.7 | 0.043 | 19.8 | 4.9 | 4.38 | | 42.8093 | -78.8496 |
| 10/26/2016 11:11 | 11.99 | 86.18 | 0 | 0 | 0 | 0 | 0 | 0 | 27 | 1.6 | 0.279 | 20 | 5 | 3.89 | | 42.8093 | -78.8496 |
| 10/26/2016 11:10 | 12.02 | 69.51 | 0 | 0 | 0 | 0 | 0 | 0 | 27 | 7.3 | 0.142 | 20 | 5 | 3.86 | | 42.8093 | -78.8496 |
| 10/26/2016 11:09 | 12 | 75.32 | 0 | 0 | 0 | 0 | 0 | 0 | 27 | 7.2 | 0.095 | 20.1 | 4.7 | 3.49 | | 42.8093 | -78.8496 |
| 10/26/2016 11:08 | 11.98 | 86.05 | 0 | 0 | 0 | 0 | 0 | 0 | 28 | 8.5 | 0.069 | 20.1 | 4.6 | 3.33 | | 42.8093 | -78.8496 |
| 10/26/2016 11:07 | 11.99 | 84.11 | 0 | 0 | 0 | 0 | 0 | 0 | 28 | 1.9 | 0.274 | 20.2 | 4.6 | 4.17 | | 42.8093 | -78.8496 |
| 10/26/2016 11:06 | 11.99 | 82.43 | 0 | 0 | 0 | 0 | 0 | 0 | 27 | 18.8 | 0.186 | 20.3 | 4.7 | 4.51 | | 42.8093 | -78.8496 |
| 10/26/2016 11:05 | 12.02 | 70.54 | 0 | 0 | 0 | 0 | 0 | 0 | 27 | 1.3 | 0.287 | 20.3 | 4.5 | 3.35 | | 42.8093 | -78.8496 |
| 10/26/2016 11:04 | 12.02 | 67.96 | 0 | 0 | 0 | 0 | 0 | 0 | 27 | 1.5 | 0.262 | 20.3 | 4.6 | 3.39 | | 42.8093 | -78.8496 |
| 10/26/2016 11:03 | 12.01 | 72.22 | 0 | 0 | 0 | 0 | 0 | 0 | 27 | 1.3 | 0.285 | 20.5 | 4.7 | 3.42 | | 42.8093 | -78.8496 |
| 10/26/2016 11:02 | 11.99 | 84.5 | 0 | 0 | 0 | 0 | 0 | 0 | 28 | 1.7 | 0.282 | 20.5 | 4.8 | 3.5 | | 42.8093 | -78.8496 |
| 10/26/2016 11:01 | 12.02 | 66.67 | 0 | 0 | 0 | 0 | 0 | 0 | 27 | 1.1 | 0.304 | 20.6 | 4.9 | 3.57 | | 42.8093 | -78.8496 |
| 10/26/2016 11:00 | 12.01 | 72.09 | 0 | 0 | 0 | 0 | 0 | 0 | 28 | 1.8 | 0.276 | 20.6 | 5 | 3.63 | | 42.8093 | -78.8496 |
| 10/26/2016 10:59 | 12.01 | 70.16 | 0 | 0 | 0 | 0 | 0 | 0 | 28 | 1.6 | 0.265 | 20.6 | 5.2 | 3.63 | | 42.8093 | -78.8496 |
| 10/26/2016 10:58 | 12 | 72.87 | 0 | 0 | 0 | 0 | 0 | 0 | 28 | 1.4 | 0.287 | 20.7 | 5.3 | 3.67 | | 42.8093 | -78.8496 |

| Timestamp (GMT-4) | Batt. Voltage (V) | Current (mA) | Low (ppm) | Peak (ppm) | STEL (ppm) | TWA (ppm) | VOC (ppm) | VOC (Avg15) (ppm) | Humidity (%) | Mass (µg/m³) | Particle size (µm) | Temperature (°C) | TWA (µg/m³) | Mass (Avg15) (µg/m³) | TWA (Avg15) (µg/m³) | Latitude | Longitude |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 10/26/2016 10:57 | 11.98 | 84.75 | 0 | 0 | 0 | 0 | 0 | 0 | 27 | 1.3 | 0.305 | 20.7 | 5.5 | 3.81 | | 42.8093 | -78.8496 |
| 10/26/2016 10:56 | 12 | 69.77 | 0 | 0 | 0 | 0 | 0 | 0 | 27 | 1.2 | 0.29 | 20.8 | 5.7 | 3.91 | | 42.8093 | -78.8496 |
| 10/26/2016 10:55 | 11.98 | 83.85 | 0 | 0 | 0 | 0 | 0 | 0 | 28 | 1.8 | 0.263 | 21 | 5.8 | 4.06 | | 42.8093 | -78.8496 |
| 10/26/2016 10:54 | 11.97 | 88.37 | 0 | 0 | 0 | 0 | 0 | 0 | 28 | 4.7 | 0.198 | 20.9 | 6 | 4.15 | | 42.8093 | -78.8496 |
| 10/26/2016 10:53 | 11.99 | 74.81 | 0 | 0 | 0 | 0 | 0 | 0 | 28 | 21.1 | 0.344 | 21 | 6 | 4.07 | | 42.8093 | -78.8496 |
| 10/26/2016 10:52 | 11.95 | 97.16 | 0 | 0 | 0 | 0 | 0 | 0 | 28 | 7 | 0.109 | 21.1 | 5.4 | 3.02 | | 42.8093 | -78.8496 |
| 10/26/2016 10:51 | 11.97 | 82.17 | 0 | 0 | 0 | 0 | 0 | 0 | 29 | 1.5 | 0.279 | 21.1 | 5.4 | 3.49 | | 42.8093 | -78.8496 |
| 10/26/2016 10:50 | 12 | 70.28 | 0 | 0 | 0 | 0 | 0 | 0 | 29 | 1.8 | 0.261 | 21.1 | 5.6 | 3.6 | | 42.8093 | -78.8496 |
| 10/26/2016 10:49 | 11.98 | 76.49 | 0 | 0 | 0 | 0 | 0 | 0 | 29 | 2 | 0.233 | 21.2 | 5.9 | 3.91 | | 42.8093 | -78.8496 |
| 10/26/2016 10:48 | 12 | 71.83 | 0 | 0 | 0 | 0 | 0 | 0 | 29 | 2.5 | 0.203 | 21.2 | 6.1 | 4.41 | | 42.8093 | -78.8496 |
| 10/26/2016 10:47 | 11.98 | 78.55 | 0 | 0 | 0 | 0 | 0 | 0 | 30 | 2.7 | 0.214 | 21.2 | 6.3 | 4.55 | | 42.8093 | -78.8496 |
| 10/26/2016 10:46 | 12 | 70.8 | 0 | 0 | 0 | 0 | 0 | 0 | 30 | 2 | 0.24 | 21.3 | 6.6 | 4.69 | | 42.8093 | -78.8496 |
| 10/26/2016 10:45 | 11.97 | 80.1 | 0 | 0 | 0 | 0 | 0 | 0 | 30 | 1.8 | 0.275 | 21.3 | 7 | 4.92 | | 42.8093 | -78.8496 |
| 10/26/2016 10:44 | 11.99 | 70.28 | 0 | 0 | 0 | 0 | 0 | 0 | 30 | 2.2 | 0.228 | 21.3 | 7.5 | 5.2 | | 42.8093 | -78.8496 |
| 10/26/2016 10:43 | 11.97 | 84.75 | 0 | 0 | 0 | 0 | 0 | 0 | 31 | 3.5 | 0.231 | 21.4 | 7.9 | 5.5 | | 42.8093 | -78.8496 |
| 10/26/2016 10:42 | 11.97 | 83.33 | 0 | 0 | 0 | 0 | 0 | 0 | 31 | 2.9 | 0.208 | 21.5 | 8.4 | 5.72 | | 42.8093 | -78.8496 |
| 10/26/2016 10:41 | 11.97 | 78.68 | 0 | 0 | 0 | 0 | 0 | 0 | 32 | 3.4 | 0.169 | 21.5 | 9 | 6.08 | | 42.8093 | -78.8496 |
| 10/26/2016 10:40 | 11.97 | 83.85 | 0 | 0 | 0 | 0 | 0 | 0 | 32 | 3.2 | 0.195 | 21.5 | 9.7 | 6.46 | | 42.8093 | -78.8496 |
| 10/26/2016 10:39 | 11.97 | 80.49 | 0 | 0 | 0 | 0 | 0 | 0 | 33 | 3.5 | 0.179 | 21.5 | 10.8 | 7 | | 42.8093 | -78.8496 |
| 10/26/2016 10:38 | 11.95 | 85.01 | 0 | 0 | 0 | 0 | 0 | 0 | 34 | 5.3 | 0.133 | 21.6 | 12.2 | 7.7 | | 42.8093 | -78.8496 |
| 10/26/2016 10:37 | 11.95 | 85.79 | 0 | 0 | 0 | 0 | 0 | 0 | 35 | 14 | 0.222 | 21.6 | 13.8 | 8.3 | | 42.8093 | -78.8496 |
| 10/26/2016 10:36 | 11.98 | 73 | 0 | 0 | 0 | 0 | 0 | 0 | 36 | 3.2 | 0.229 | 21.6 | 11 | 6.4 | | 42.8093 | -78.8496 |
| 10/26/2016 10:35 | 11.98 | 72.22 | 0 | 0 | 0 | 0 | 0 | 0 | 38 | 6.4 | 0.21 | 21.6 | 14.4 | 8 | | 42.8093 | -78.8496 |
| 10/26/2016 10:34 | 11.95 | 95.87 | 0 | 0 | 0 | 0 | 0 | 0 | 38 | 9.6 | 0.106 | 21.7 | 18.2 | 9.6 | | 42.8093 | -78.8496 |
| 10/26/2016 10:33 | 11.95 | 99.35 | | | | | | | | | | | | | | 42.8093 | -78.8496 |

# APPENDIX F

## DAILY REPORTS

# INSPECTOR'S DAILY REPORT

*(CONTINUED)*

Page 1 of 2

| CONTRACTOR: | JOB NO.: |
|---|---|
| BM/TK ; Woodz | B0261-016-001 |
| CLIENT: | DATE: |
| Steel Sws | 09/15/16 (Thur) |

**MEETINGS HELD & RESULTS:**

**CONTRACTOR'S WORK FORCE AND EQUIPMENT**

| DESCRIPTION | H | # | DESCRIPTION | H | # | DESCRIPTION | H | # |
|---|---|---|---|---|---|---|---|---|
| Field Engineer | | 1 | | | | Front Loader Ton | | 1 |
| Superintendent | | | | | | Bulldozer | | 2 |
| Laborer-Foreman | | | | | | DJ Dump Truck | | 1 |
| Laborer | | | | | | Water Truck | | |
| Operating Engineer | | 4 | Equipment | | | Backhoe | | |
| Carpenter | | | Generators | | | Excavator | | 2 |
| Ironworker | | | Welding Equipment | | | Pad foot roller | | |
| Concrete Finisher | | | Roller | | | Hydro-Ax | | 1 |
| | | | Paving Equipment | | | | | |
| | | | Air Compressor | | | | | |

**REMARKS:**

**REFERENCES TO OTHER FORMS:**

**SAMPLES COLLECTED:**

| |
|---|
| Sample Number: |
| Approx. Location of Stockpile: |
| No. of Stockpile |
| Date of Collection: |
| Weather: |
| Field Observations: |

# INSPECTOR'S DAILY REPORT

Page 2 of 2

| CONTRACTOR: | JOB NO.: |
|---|---|
| BM/TK ; Zolada | B0261-016-001 |
| CLIENT: | DATE: |
| Steel Sun | 09/15/16 |

| LOCATION: | DAY: |
|---|---|
| BP-III-4,3,2 | Su M Tu W (Th) F Sa |

| WEATHER: | TEMP: | START: | END: |
|---|---|---|---|
| PTLY Sun 6mph(ENE) | 52-70 °F | 0700 | 1700 |

**WORK PERFORMED:**

BM/TK - Continued excavating Key-in trench along BLKTP Parking Area (staged Sand Stockpile BLKTP) and areas to receive cover in prep to start cover. All spoils were placed within EAST ditch line to be filled in.

JM - GPS surveyed subgrades Ground ELEC, Steel Building in prep for cover to be placed.

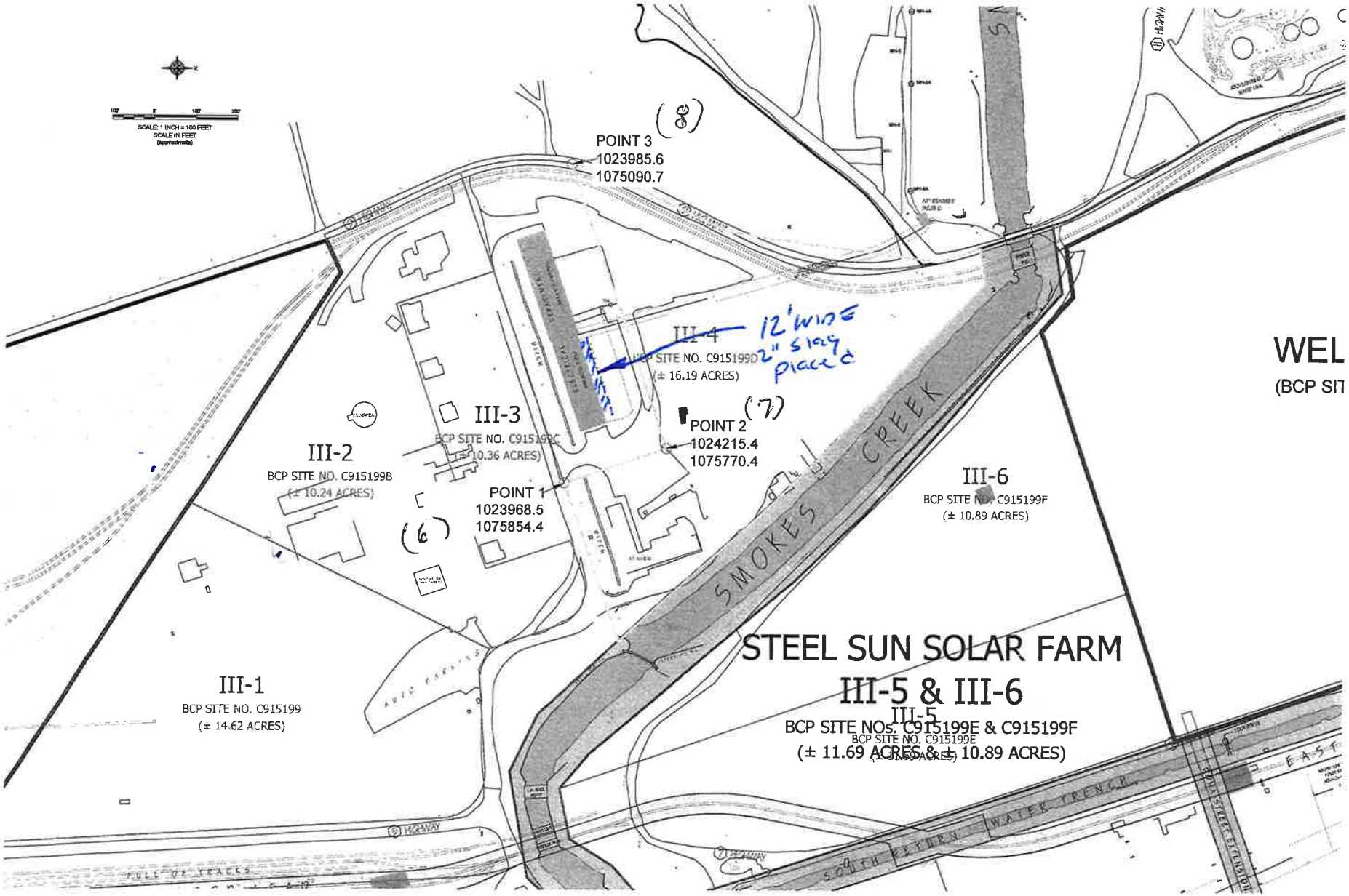
Mid-day. Started placing 2" slag adjacent to North side ELEC BLDG. (Approx 12' wide) to act as relief for rain water off Building roof.

Zolada - completed taking down trees & staging, continued prepping subgrade BP-III-4B.
- Started taking down trees BP-III-2,3 this day.
- Removed concrete stanchions above grade w/steel as needed, BP-III-4.

Camp Monitor Station set up this day with no exceedances noted.

| TEST PERFORMED: | QA PERSONNEL: |
|---|---|
| | SIGNATURE: |

09/15/16


SCALE: 1 INCH = 100 FEET
SCALE IN FEET
(approximate)
POINT 3
1023985.6
1075090.7
(8)
III-4
BCP SITE NO. C915199D
(± 16.19 ACRES)
12' WIDE
2" STONE
PLACED
III-3
BCP SITE NO. C915199C
(± 10.36 ACRES)
POINT 2
1024215.4
1075770.4
(7)
III-2
BCP SITE NO. C915199B
(± 10.24 ACRES)
POINT 1
1023968.5
1075854.4
(6)
III-6
BCP SITE NO. C915199F
(± 10.89 ACRES)
SMOKES CREEK
STEEL SUN SOLAR FARM
III-5 & III-6
III-5
BCP SITE NOs. C915199E & C915199F
BCP SITE NO. C915199E
(± 11.69 ACRES & ± 10.89 ACRES)
III-1
BCP SITE NO. C915199
(± 14.62 ACRES)
HIGHWAY
SOUTH RETURN WATER TRENCH
EAST
WEL
(BCP SIT

# INSPECTOR'S DAILY REPORT

*(CONTINUED)*

Page 1 of 2

| | |
|---|---|
| CONTRACTOR: BM/TK - III 4 ; Zolada - III 2, 3 | JOB NO.: B0261-016-001 |
| CLIENT: STEEL SUN | DATE: 09/16/16 (FRI) |

**MEETINGS HELD & RESULTS:**

**CONTRACTOR'S WORK FORCE AND EQUIPMENT**

| DESCRIPTION | H | # | DESCRIPTION | H | # | DESCRIPTION | H | # |
|---|---|---|---|---|---|---|---|---|
| Field Engineer | | | | | | Front Loader Ton | | 1 |
| Superintendent | | | | | | Bulldozer | | 2 |
| Laborer-Foreman | | | | | | DJ Dump Truck | | 1 |
| Laborer | | | | | | Water Truck | | |
| Operating Engineer | | 4 | Equipment | | | Backhoe w/ Compr. Buster | | 1 |
| Carpenter | | | Generators | | | Excavator | | |
| Ironworker | | | Welding Equipment | | | Pad foot roller | | |
| Concrete Finisher | | | Roller | | | Hypro-Ax | | 1 |
| | | | Paving Equipment | | | | | |
| | | | Air Compressor | | | | | |

**REMARKS:**

**REFERENCES TO OTHER FORMS:**

**SAMPLES COLLECTED:**

Sample Number:

Approx. Location of Stockpile:

No. of Stockpile

Date of Collection:

Weather:

Field Observations:

# INSPECTOR'S DAILY REPORT

Page 2 of 2

| CONTRACTOR: | JOB NO: |
|---|---|
| BM/TK - III-4; Zolada III-2,3 | B0261-016-001 |
| CLIENT: | DATE: |
| STEEL SUN | 9/16/16 |

| LOCATION: | DAY: |
|---|---|
| Bf Parcels III-2,3,4 | Su M Tu W Th (F) Sa |

| WEATHER: | TEMP: | START: | END: |
|---|---|---|---|
| PTLY SUN 7mph (SSE) | 55-80 °F | 0700 | 1700 |

WORK PERFORMED:

Parcel III-4

BM/TK: 2" slag hauled & placed along S/side ELEC. STORES Building aprox 12' wide, to act as storm water relief from building roof line. Slag placed after demarcation netting placed onto subgrade. Oversize (5"+) slag was add. manually hauled to south side Building and placed over demarcation layer in the prepared ditch subgrade area. This ditch will serve to become hold pond area for stormwater here. All stone being placed, was put in 12"+ thickness layer. Aprox. half the ditch line was stone lined this day, working from west to east with 2" slag by building. with loader, placing sand on the identified soil areas (North side building) (JTD + MJ)

(RD) picked up GPS Battery for base station set-up.

Comp monitors setup all day - no reported exceedances.

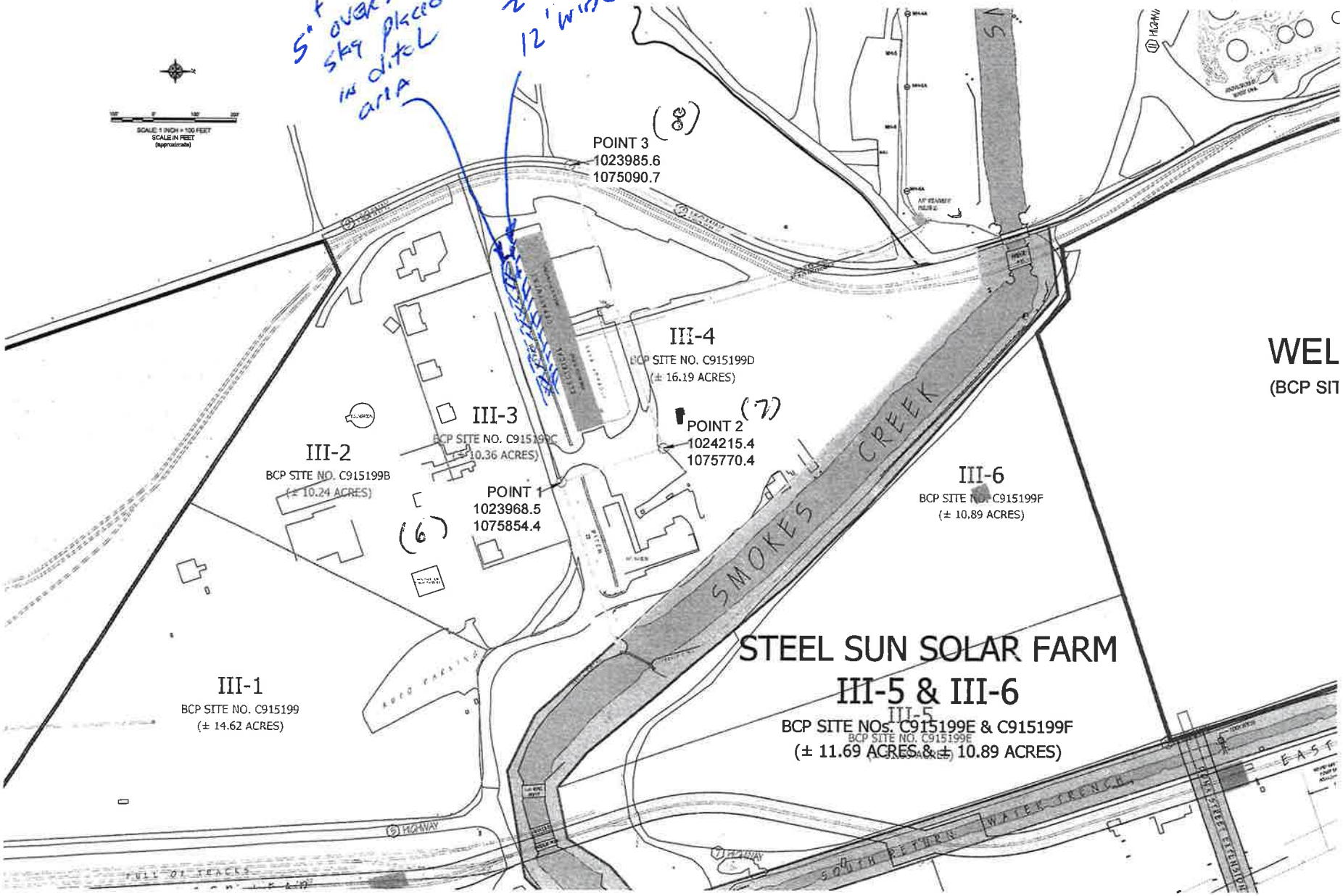
Left rear tire on CAT loader repaired (Good Times!)

Parcels III-2,3

Zolada - continued clearing parcel with hydro-Ax
- continued grubbing & staging trees + brush near NE Elec. Stores area.
Hauled RR TIES to Z. Yard

| TEST PERFORMED: | QA PERSONNEL: |
|---|---|
| | SIGNATURE: |

09/16/16


5' oversize slag placed in ditch area
2" slag 12' wide
POINT 3
1023985.6
1075090.7
(8)
III-4
BCP SITE NO. C915199D
(± 16.19 ACRES)
III-3
BCP SITE NO. C915199C
(± 10.36 ACRES)
POINT 2
1024215.4
1075770.4
(7)
III-2
BCP SITE NO. C915199B
(± 10.24 ACRES)
POINT 1
1023968.5
1075854.4
(6)
SMOKES CREEK
III-6
BCP SITE NO. C915199F
(± 10.89 ACRES)
STEEL SUN SOLAR FARM
III-5 & III-6
BCP SITE NOs. C915199E & C915199F
(± 11.69 ACRES & ± 10.89 ACRES)
III-1
BCP SITE NO. C915199
(± 14.62 ACRES)
HIGHWAY
WATER TRENCH
WEL
(BCP SIT

# INSPECTOR'S DAILY REPORT

(CONTINUED)



| CONTRACTOR: | JOB NO. |
|---|---|
| BM/TK - III-4 ; Zolada III-2,3 | B0261-016-001 |
| CLIENT: | DATE: |
| STEEL SUN | 09/19/16 (MON) |

**MEETINGS HELD & RESULTS:**

PHW (BM) on site in afternoon to walk III-4 and observe concrete pads & blacktop conditions to determine cover.

**CONTRACTOR'S WORK FORCE AND EQUIPMENT**

| DESCRIPTION | H | # | DESCRIPTION | H | # | DESCRIPTION | H | # |
|---|---|---|---|---|---|---|---|---|
| Field Engineer | | | | | | Front Loader Ton | | 1 |
| Superintendent | | | | | | Bulldozer | | 2 |
| Laborer-Foreman | | | | | | DJ Dump Truck | | 1 |
| Laborer | | | | | | Water Truck | | |
| Operating Engineer | | 4 | Equipment | | | Backhoe w/Buster | | 1 |
| Carpenter | | | Generators | | | Excavator | | |
| Ironworker | | | Welding Equipment | | | Pad foot roller | | |
| Concrete Finisher | | | Roller | | | | | |
| Driver | | 1 | Paving Equipment | | | | | |
| | | | Air Compressor | | | | | |

**REMARKS:**

**REFERENCES TO OTHER FORMS:**

**SAMPLES COLLECTED:**

| |
|---|
| Sample Number: |
| Approx. Location of Stockpile: |
| No. of Stockpile |
| Date of Collection: |
| Weather: |
| Field Observations: |

# INSPECTOR'S DAILY REPORT



| | |
|---|---|
| CONTRACTOR: BM/TK- III-4 ; Zolack - III-2,3 | JOB NO: 30261-016-001 |
| CLIENT: STEEL SUN | DATE: 09/19/16 |

| | | | | |
|---|---|---|---|---|
| LOCATION: Parcels ~~III~~, III - 2,3,4 | | | DAY: Su (M) Tu W Th F Sa | |
| WEATHER: PTLY SUN | SSW 6mph | TEMP: 62-80 °F | START: 0700 | END: 1700 |

WORK PERFORMED:

BM/TK Parcel III-4 & Continued placing import 2"+5"+ slag along S/side Elec. Stores Building and adjacent ditch line after rolling out orange demarcation netting on top of prepared subgrades.

-Continued placing sand within soil areas on North side building w/loader.

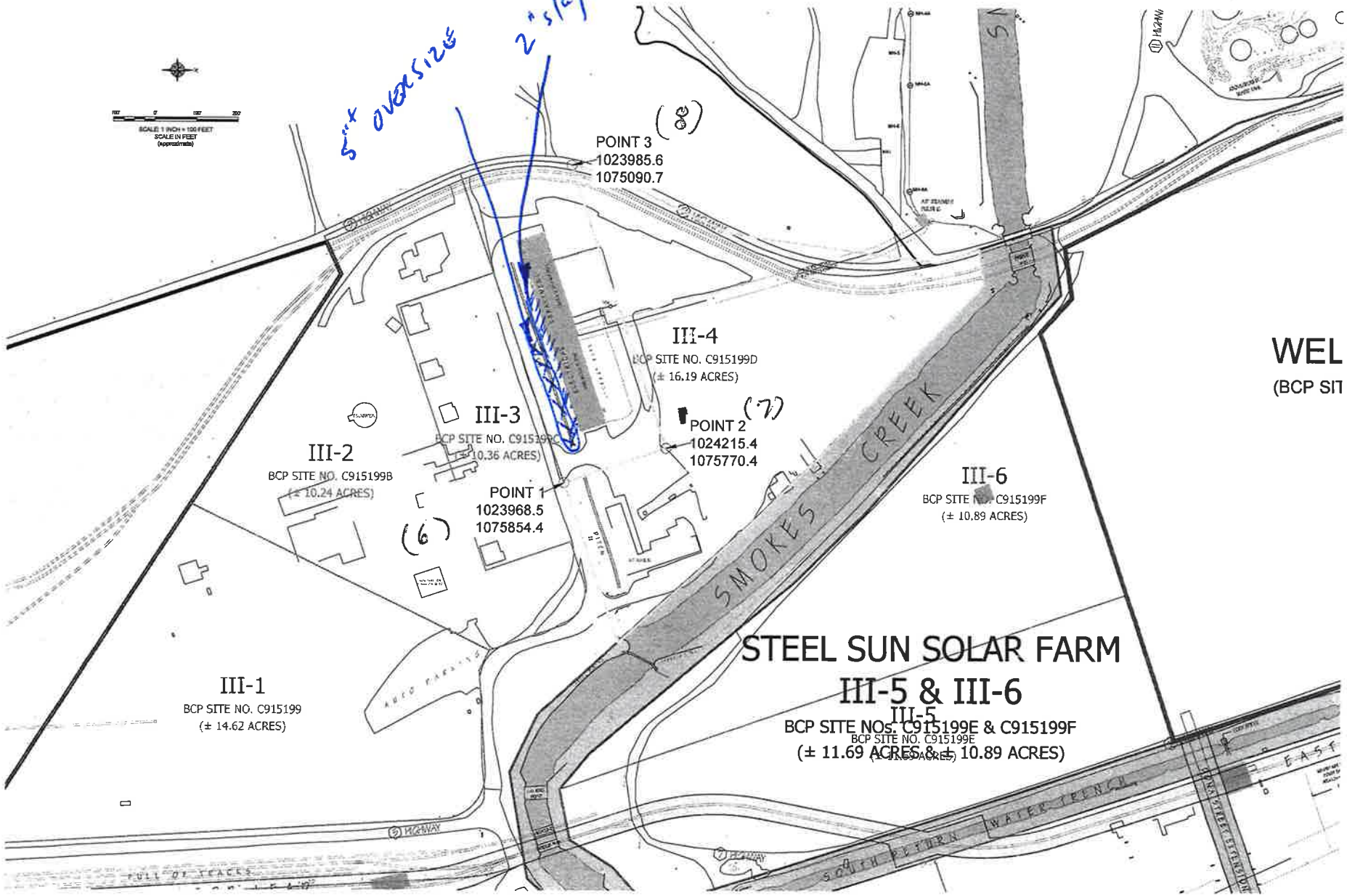
Zolack III-4 - Removed elevated concrete abutments to grade using buster on backhoe. loaded rubble & debris out w/off-Road truck.

III-2,3: Zolack continued to clear & grub area with dozer.

Camp Monitor station set up this day- no reported exceedances noted.

| | |
|---|---|
| TEST PERFORMED: | QA PERSONNEL: |
| | SIGNATURE: |

09/19/16


5" OVERSIZE
2" SLAG
(8)
POINT 3
1023985.6
1075090.7
III-4
BCP SITE NO. C915199D
(± 16.19 ACRES)
III-3
BCP SITE NO. C915199C
(± 10.36 ACRES)
(7)
POINT 2
1024215.4
1075770.4
III-2
BCP SITE NO. C915199B
(± 10.24 ACRES)
POINT 1
1023968.5
1075854.4
(6)
III-6
BCP SITE NO. C915199F
(± 10.89 ACRES)
SMOKES CREEK
STEEL SUN SOLAR FARM
III-5 & III-6
III-5
BCP SITE NOS. C915199E & C915199F
BCP SITE NO. C915199E
(± 11.69 ACRES & ± 10.89 ACRES)
III-1
BCP SITE NO. C915199
(± 14.62 ACRES)
WEL
(BCP SIT

# INSPECTOR'S DAILY REPORT

(CONTINUED)



| CONTRACTOR: | JOB NO.: |
|---|---|
| BM/TK - III-4 ; Zoida II-2, 3 | B0261-016-001 |
| CLIENT: | DATE: |
| STEEL SUN | 09/20/16 (TUE) |

**MEETINGS HELD & RESULTS:**

**CONTRACTOR'S WORK FORCE AND EQUIPMENT**

| DESCRIPTION | H | # | DESCRIPTION | H | # | DESCRIPTION | H | # |
|---|---|---|---|---|---|---|---|---|
| Field Engineer | | | | | | Front Loader Ton | | 1 |
| Superintendent | | | | | | Bulldozer | | 2 |
| Laborer-Foreman | | | | | | DJ Dump Truck | | 1 |
| Laborer | | | | | | Water Truck | | |
| Operating Engineer | | 5 | Equipment | | | Backhoe | | |
| Carpenter | | | Generators | | | Excavator | | 1 |
| Ironworker | | | Welding Equipment | | | Pad foot roller | | |
| Concrete Finisher | | | Roller (SD) | | 1 | | | |
| Driver | | 1 | Paving Equipment | | | | | |
| | | | Air Compressor | | | | | |

**REMARKS:**

**REFERENCES TO OTHER FORMS:**

**SAMPLES COLLECTED:**

| |
|---|
| Sample Number: |
| Approx. Location of Stockpile: |
| No. of Stockpile |
| Date of Collection: |
| Weather: |
| Field Observations: |

# INSPECTOR'S DAILY REPORT



| | |
|---|---|
| CONTRACTOR: BM/TK - III-4; ~~Toladz~~ - III-2,3 | JOB NO: B0261-016-001 |
| CLIENT: STEEL SUN | DATE: 9/20/16 |

| | | | | |
|---|---|---|---|---|
| LOCATION: PARCELS III-2, 3, 4 | | | DAY: Su M (TU) W Th F Sa | |
| WEATHER: PTLY SUN | SSW 8mph | TEMP: 60-79 °F | START: 0700 | END: 1730 |

WORK PERFORMED:

III-4

BM/TK - Prepared subgrade area east of existing power poles (sketch below), rolled subgrader, GPS surveyed, and began placing import 2" slag in afternoon in this area after orange demarcation netting rolled out on subgrade.
GPS model was setup in dozer to control lift thickness.
5-6 tandem trucks hauled in 2" slag.

Sand (on-site) placed on soil areal just north of building

CAMP monitors were set up this day - Due to dust within immediate area of monitors (TNCIS within 10'); monitors reset at boundry limits downwind of roadway.

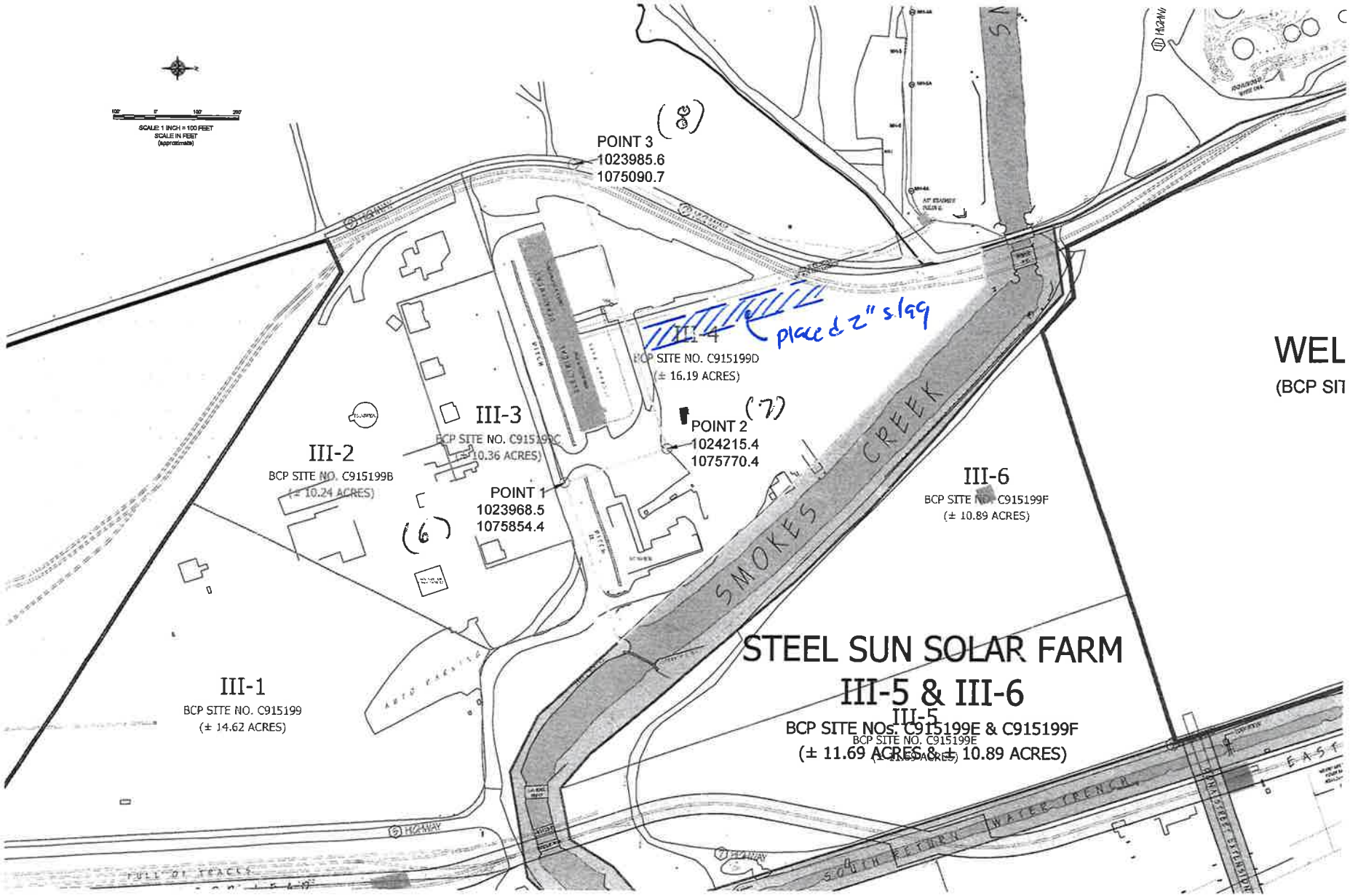
(* Admar delivered roller in morning - rental)

III-2,3

~~Toladz~~ - continued clearing, grubbing and subgrade prep all day. Hauled RR ties away from parcels to on site disposal facility.

| | |
|---|---|
| TEST PERFORMED: | QA PERSONNEL: |
| | SIGNATURE: |

09/20/16


SCALE: 1 INCH = 100 FEET
SCALE IN FEET
(Approximate)
POINT 3
1023985.6
1075090.7
(8)
III-4
BCP SITE NO. C915199D
(± 16.19 ACRES)
place d 2" s.199
POINT 2
1024215.4
1075770.4
(7)
III-3
BCP SITE NO. C915199C
(± 10.36 ACRES)
III-2
BCP SITE NO. C915199B
(± 10.24 ACRES)
POINT 1
1023968.5
1075854.4
(6)
SMOKES CREEK
III-6
BCP SITE NO. C915199F
(± 10.89 ACRES)
STEEL SUN SOLAR FARM
III-5 & III-6
III-5
BCP SITE NOS. C915199E & C915199F
BCP SITE NO. C915199E
(± 11.69 ACRES & ± 10.89 ACRES)
III-1
BCP SITE NO. C915199
(± 14.62 ACRES)
WEL
(BCP SIT

# INSPECTOR'S DAILY REPORT

(CONTINUED)



| CONTRACTOR: | JOB NO.: |
|---|---|
| BM/TK - II-4 | B0261-016-001 |
| CLIENT: | DATE: |
| STEEL SUN | 9/21/16 (wed) |

**MEETINGS HELD & RESULTS:**

Pitwr site tour in afternoon

BM (TK, STD) Z-(NL, PG) - met @ II-23 to walk areas of concrete foundations & asbestos area for planned cover needs here.

**CONTRACTOR'S WORK FORCE AND EQUIPMENT**

| DESCRIPTION | H | # | DESCRIPTION | H | # | DESCRIPTION | H | # |
|---|---|---|---|---|---|---|---|---|
| Field Engineer | | | | | | Front Loader Ton | | |
| Superintendent | | | | | | Bulldozer | | 3 |
| Laborer-Foreman | | | | | | DJ Dump Truck | | 1 |
| Laborer | | | | | | Water Truck | | 1 |
| Operating Engineer | | 4 | Equipment | | | Backhoe | | 1 |
| Carpenter | | | Generators | | | Excavator | | |
| Ironworker | | | Welding Equipment | | | Pad foot roller | | |
| Concrete Finisher | | | Roller (SD) | | | | | |
| Driver | | 1 | Paving Equipment | | | | | |
| | | | Air Compressor | | | | | |

**REMARKS:**

Identified asbestos area requires minimum of 2' thick layer slag regardless of whether concrete foundations or not on parcel II-3

**REFERENCES TO OTHER FORMS:**

**SAMPLES COLLECTED:**

| |
|---|
| Sample Number: |
| Approx. Location of Stockpile: |
| No. of Stockpile |
| Date of Collection: |
| Weather: |
| Field Observations: |

# INSPECTOR'S DAILY REPORT



| | |
|---|---|
| CONTRACTOR: BM/TK - III-4 ; Zolada - III-2,3 | JOB NO: B0261-016-001 |
| CLIENT: STEEL SUN | DATE: 09/21/16 |

| | | | | |
|---|---|---|---|---|
| LOCATION: Parcels III-2,3,4 | | | DAY: Su M Tu (W) Th F Sa | |
| WEATHER: PTLY SUN/OC | SE 5MPH | TEMP: 58-82 °F | START: 0700 | END: 1730 |

WORK PERFORMED:

III-4
BM/TK - Continued to prepare subgrade, roll subgrade, survey, and place demarcation netting ahead of 2" slag being hauled in & placed w/dozer. Work progressed in area EAST of previous day.

Updated top slag model into dozer for layer thickness control

CAMP Monitor station setup with no reported exceedances noted.

On-site sand was placed within soil areas over demarcation netting layer using high-lift on NE and west sides Elec. Building.

Haul Roads watered periodically during day to control dust.

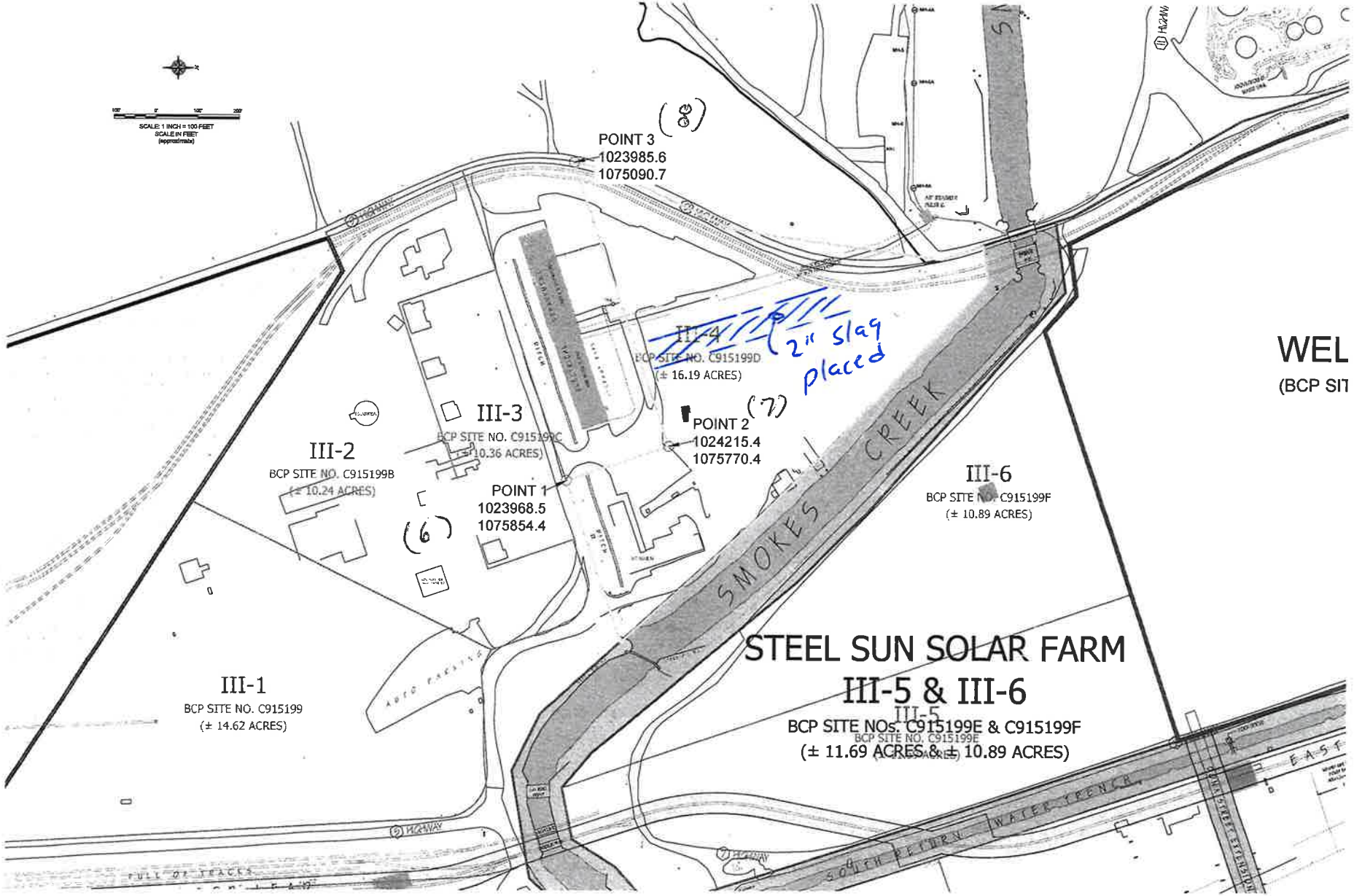
T - III-2,3 Preparing subgrades with 2 dozers all day.

TEST PERFORMED:

QA PERSONNEL:

SIGNATURE:

09/21/16


SCALE: 1 INCH = 100 FEET
SCALE IN FEET
(approximate)
POINT 3
1023985.6
1075090.7
(8)
III-4
BCP SITE NO. C915199D
(± 16.19 ACRES)
2" slag placed
III-3
BCP SITE NO. C915199C
(± 10.36 ACRES)
POINT 2
1024215.4
1075770.4
(7)
III-2
BCP SITE NO. C915199B
(± 10.24 ACRES)
POINT 1
1023968.5
1075854.4
(6)
SMOKES CREEK
III-6
BCP SITE NO. C915199F
(± 10.89 ACRES)
STEEL SUN SOLAR FARM
III-5 & III-6
BCP SITE NOs. C915199E & C915199F
(± 11.69 ACRES & ± 10.89 ACRES)
III-1
BCP SITE NO. C915199
(± 14.62 ACRES)
WEL
(BCP SIT

# INSPECTOR'S DAILY REPORT

(CONTINUED)

Page 1 of 2

| CONTRACTOR: | JOB NO.: |
|---|---|
| BM/TK - III-4 ; Zo/Lade - III-2,3 | B0261-016-001 |
| CLIENT: | DATE: |
| Steel Sun | 09/22/16 (Thur) |

**MEETINGS HELD & RESULTS:**

NYSDEC (M. Moore) 830am. found III-4, Reviewed concrete pads & blacktop road areas to be left in place. Roadway between III-3 & 4 will need repairs where damaged.

**CONTRACTOR'S WORK FORCE AND EQUIPMENT**

| DESCRIPTION | H | # | DESCRIPTION | H | # | DESCRIPTION | H | # |
|---|---|---|---|---|---|---|---|---|
| Field Engineer | | | | | | Front Loader Ton | | 1 |
| Superintendent | | | | | | Bulldozer | | 3 |
| Laborer-Foreman | | | | | | DJ Dump Truck | | |
| Laborer | | | | | | Water Truck | | 1 |
| Operating Engineer | | 5 | Equipment | | | Backhoe | | |
| Carpenter | | | Generators | | | Excavator | | 2 |
| Ironworker | | | Welding Equipment | | | Pad foot roller | | |
| Concrete Finisher | | | Roller SD | | 1 | | | |
| | | | Paving Equipment | | | | | |
| | | | Air Compressor | | | | | |

**REMARKS:**

**REFERENCES TO OTHER FORMS:**

**SAMPLES COLLECTED:**

| |
|---|
| Sample Number: |
| Approx. Location of Stockpile: |
| No. of Stockpile |
| Date of Collection: |
| Weather: |
| Field Observations: |

# INSPECTOR'S DAILY REPORT

Page 2 of 2

| | |
|---|---|
| CONTRACTOR: BM/TK III-4; Tolunday III-2,3 | JOB NO: B0261-016-001 |
| CLIENT: Steel Sun | DATE: 9/22/16 |

| | | | | |
|---|---|---|---|---|
| LOCATION: Parcels III-2,3,4 | | | DAY: Su M Tu W (Th) F Sa | |
| WEATHER: PTLY SUN | SSW-8MPH | TEMP: 61-81 °F | START: 0700 | END: 1730 |

WORK PERFORMED:

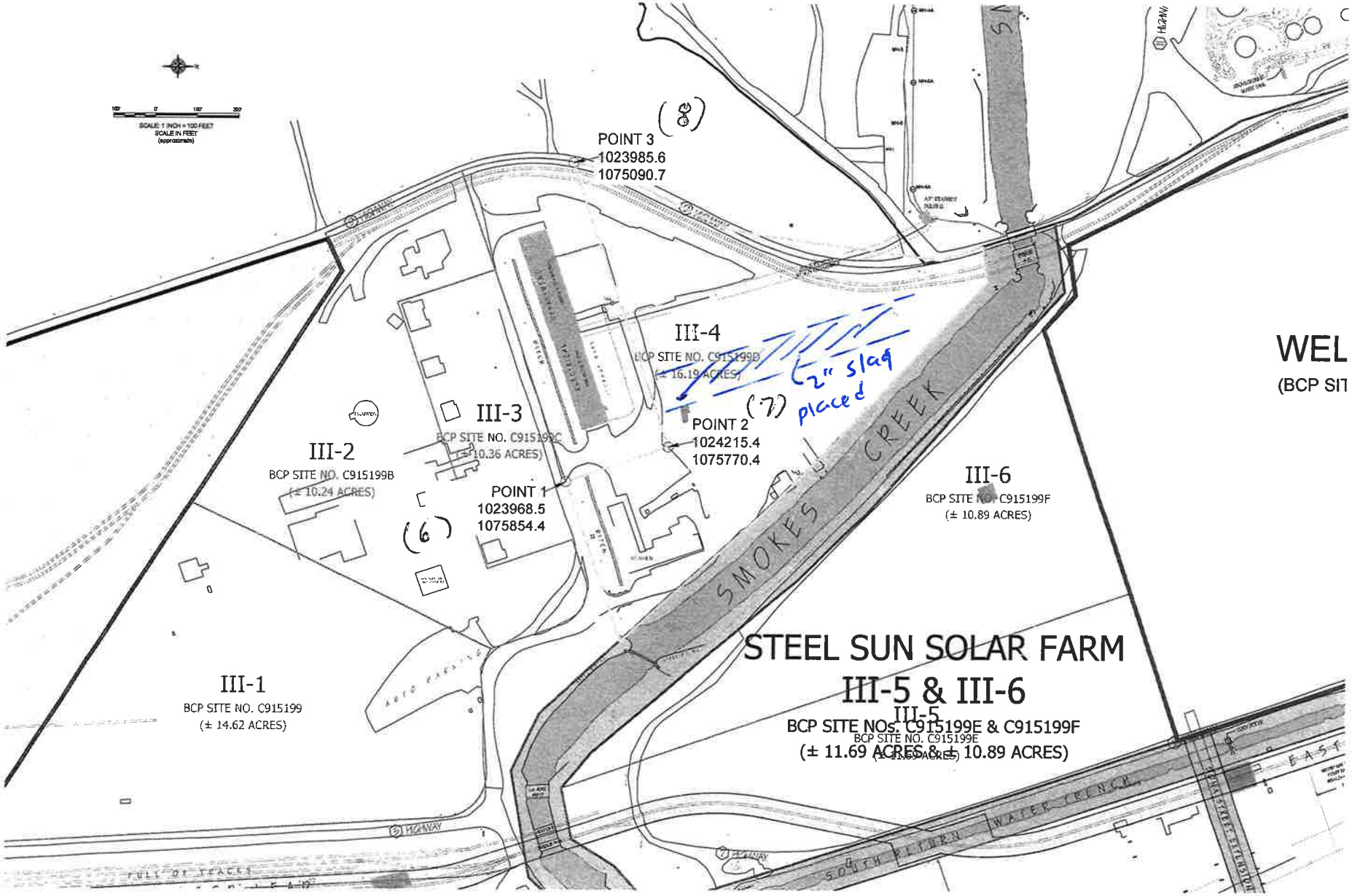
BM/TK - continued preparing subgrade, rolling, surveying and placing orange demarcation netting ahead of placing 2" slag cover down this day.
2" slag hauled in slag all day w/ 8-10 trucks running from Iron City on site
(STO) pulled old blktop access up on site near Northern end III-4, to lower grades and prepare subgrade here. Slag/blacktop broken up was spread in low areas near to this area.
Sand (on-site) was placed along north & west sides ELEC. Building w/ hitch-lift during day.
Camp Monitor station set-up w/ no exceedances noted.
T - III-2,3: continued preparing subgrades with dozer & excavator used around concrete.
NYSDEC (M. Moore site visit)

TEST PERFORMED:

QA PERSONNEL:

SIGNATURE:

09/22/16


SCALE: 1 INCH = 100 FEET
SCALE IN FEET
(approximate)
POINT 3
1023985.6
1075090.7
(8)
III-4
BCP SITE NO. C915199D
(± 16.19 ACRES)
2" slag placed
(7)
POINT 2
1024215.4
1075770.4
III-3
BCP SITE NO. C915199C
(± 10.36 ACRES)
III-2
BCP SITE NO. C915199B
(± 10.24 ACRES)
POINT 1
1023968.5
1075854.4
(6)
III-6
BCP SITE NO. C915199F
(± 10.89 ACRES)
SMOKES CREEK
III-1
BCP SITE NO. C915199
(± 14.62 ACRES)
STEEL SUN SOLAR FARM
III-5 & III-6
III-5
BCP SITE NOS. C915199E & C915199F
BCP SITE NO. C915199E
(± 11.69 ACRES & ± 10.89 ACRES)
WATER CREEK
SOUTH RETURN
EAST
WEL
(BCP SIT

# INSPECTOR'S DAILY REPORT

(CONTINUED)

Page 1 of 2

| CONTRACTOR: | JOB NO.: |
|---|---|
| BM/TL - III-4; Blade - III-2,3 | B0261-016-001 |
| CLIENT: | DATE: |
| STEGE SAN | 09/23/16 (FRI) |

**MEETINGS HELD & RESULTS:**

**CONTRACTOR'S WORK FORCE AND EQUIPMENT**

| DESCRIPTION | H | # | DESCRIPTION | H | # | DESCRIPTION | H | # |
|---|---|---|---|---|---|---|---|---|
| Field Engineer | | | | | | Front Loader Ton | | 1 |
| Superintendent | | | | | | Bulldozer | | 2 |
| Laborer-Foreman | | | | | | DJ Dump Truck | | |
| Laborer | | | | | | Water Truck | | 1 |
| Operating Engineer | | 5 | Equipment | | | Backhoe | | |
| Carpenter | | | Generators | | | Excavator | | 1 |
| Ironworker | | | Welding Equipment | | | Pad foot roller | | |
| Concrete Finisher | | | Roller | | 2 | | | |
| | | | Paving Equipment | | | | | |
| | | | Air Compressor | | | | | |

**REMARKS:**

630-9AM (STD) Surveyed subgrade for Grade Parcel III-2,3 ahead of demare netting & Slag start.

**REFERENCES TO OTHER FORMS:**

**SAMPLES COLLECTED:**

| |
|---|
| Sample Number: |
| Approx. Location of Stockpile: |
| No. of Stockpile |
| Date of Collection: |
| Weather: |
| Field Observations: |

# INSPECTOR'S DAILY REPORT

Page 2 of 2

| | |
|---|---|
| CONTRACTOR: BM/TK - III-4; Toladz - III-2,3 | JOB NO: B0261-016-001 |
| CLIENT: Stoel Sun | DATE: 09/23/16 |

| | | | | |
|---|---|---|---|---|
| LOCATION: Parcels III-2,3,4 | | | DAY: Su M Tu W Th (F) Sa | |
| WEATHER: OC/Lt Rain NE 9MPH | TEMP: 60-74 °F | | START: 0700 | END: 1730 |

WORK PERFORMED:

III-4
BM/TK: NO trucks hauling slag this day. Spent day grading previous hauled in slag placed & fine grading in the northwest area III-4. Using excavator, went around concrete areas & exposed 9-10" of walls on all sides for slag to be placed up to and over 2-4" above concrete.

Graded & rolled additional prepared areas toward east, working toward Smith Creek. Located concrete pads for record and shot subgrades as prepared.

Camp monitors setup all day with no noted exceedances to note. Water truck keeping haul roads from dust as needed.

Toladz - III-2,3: Began hauling & placing 2" slag on prepared subgrade, after demarcation and survey recorded of subgrade in am. Slag began being placed in far Northwest corner III-2, working easterly toward III-3. In afternoon, Toladz hauled oversize slag to wedge build area North of asbestos cover, to minimize fill needed w/ 2" slag here, due to elevated concrete on top asbestos area.

| | |
|---|---|
| TEST PERFORMED: | QA PERSONNEL: |
| | SIGNATURE: |

# INSPECTOR'S DAILY REPORT

(CONTINUED) Page 1 of 2

| CONTRACTOR: | JOB NO.: |
|---|---|
| BM/TK - III-4; Glade - III-2,3 | B0261-016-001 |
| CLIENT: | DATE: |
| Steel Sun | 09/24/16 (SAT) |

**MEETINGS HELD & RESULTS:**

Met w/ ~~Glade~~ surveyor (PG) in am to go over site control being held & subgrade area shots taken (550)

**CONTRACTOR'S WORK FORCE AND EQUIPMENT**

| DESCRIPTION | H | # | DESCRIPTION | H | # | DESCRIPTION | H | # |
|---|---|---|---|---|---|---|---|---|
| Field Engineer | | | | | | Front Loader Ton | | |
| Superintendent | | | | | | Bulldozer | | 2 |
| Laborer-Foreman | | | | | | DJ Dump Truck | | |
| Laborer | | | | | | Water Truck | | |
| Operating Engineer | | 3 | Equipment | | | Backhoe | | |
| Carpenter | | | Generators | | | Excavator | | 1 |
| Ironworker | | | Welding Equipment | | | Pad foot roller | | |
| Concrete Finisher | | | Roller | | | | | |
| | | | Paving Equipment | | | | | |
| | | | Air Compressor | | | | | |

**REMARKS:**

**REFERENCES TO OTHER FORMS:**

**SAMPLES COLLECTED:**

| |
|---|
| Sample Number: |
| Approx. Location of Stockpile: |
| No. of Stockpile |
| Date of Collection: |
| Weather: |
| Field Observations: |

# INSPECTOR'S DAILY REPORT



| | |
|---|---|
| CONTRACTOR: BM/TK - III-4 ; Toland - III-2,3 | JOB NO: B0261-016-001 |
| CLIENT: STEEL SUN | DATE: 09/24/16 |

| | | | | |
|---|---|---|---|---|
| LOCATION: Parcels III-2,3,4 | | | DAY: Su M Tu W Th F (Sa) | |
| WEATHER: Mstly OC | NE 6MPH | TEMP: 49-65 °F | START: 0700 | END: 1430 |

WORK PERFORMED:

III-4
BM/TK - Hauled & placed 2' slag to northeast area III-4 from 7A - 1pm. Demarcation netting rolled out ahead of slag as needed.

CAMP Monitor station setup for Toland work on III-2,3. - No reported exceedances.

Toland subgrading prep and excavating around existing concrete foundations to expose 8-10" concrete outside of asbestos area, where to receive 2' minimum over concrete.

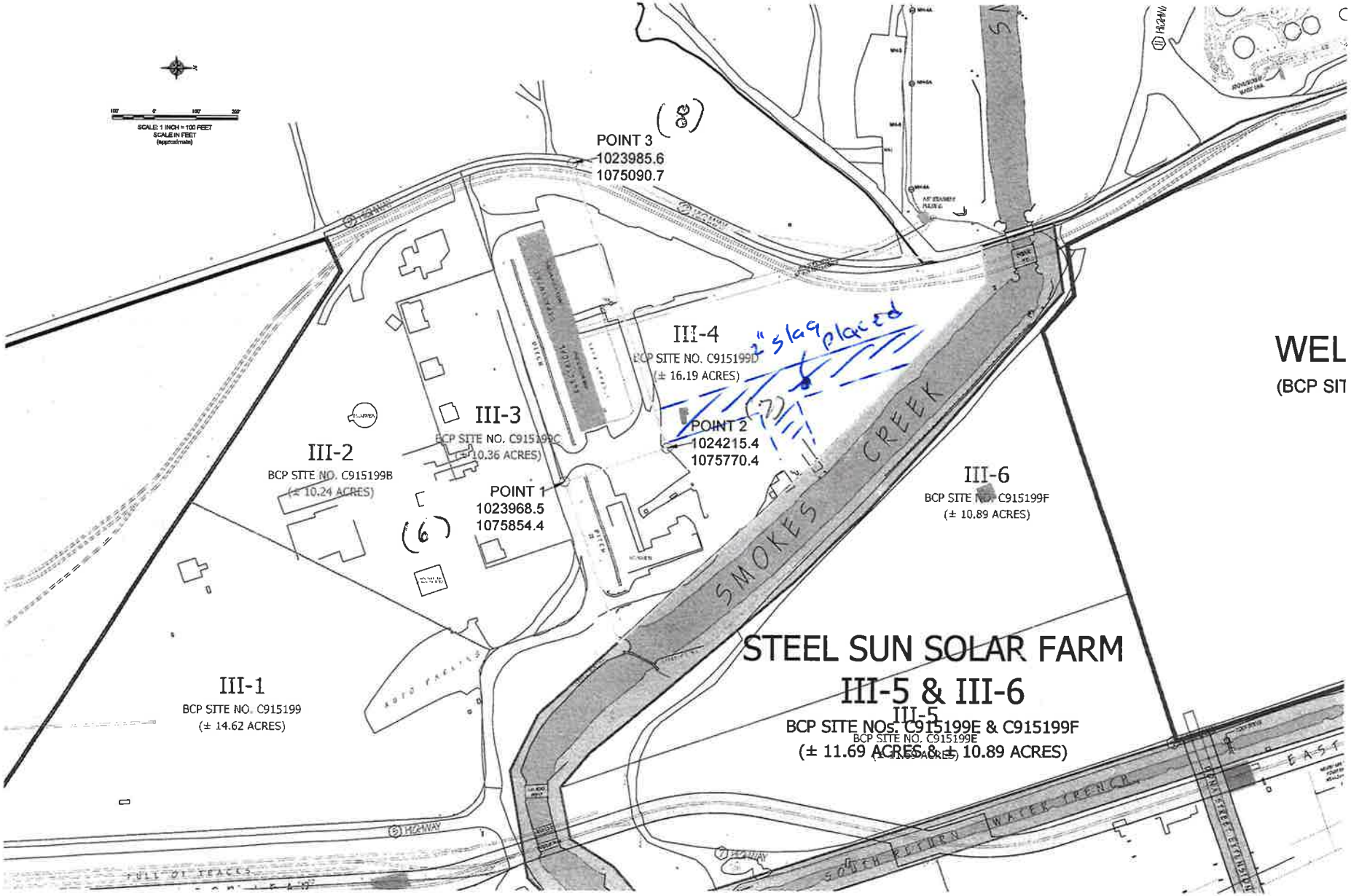
Toland surveyor establishing limits & subgrade survey where areas prepared for slag.

TEST PERFORMED:

QA PERSONNEL:

SIGNATURE:

09/24/16


SCALE 1 INCH = 100 FEET
SCALE IN FEET
(approximate)
POINT 3
1023985.6
1075090.7
POINT 2
1024215.4
1075770.4
POINT 1
1023968.5
1075854.4
III-1
BCP SITE NO. C915199
(± 14.62 ACRES)
III-2
BCP SITE NO. C915199B
(± 10.24 ACRES)
III-3
BCP SITE NO. C915199C
(± 10.36 ACRES)
III-4
BCP SITE NO. C915199D
(± 16.19 ACRES)
III-5
BCP SITE NOs. C915199E & C915199F
BCP SITE NO. C915199E
(± 11.69 ACRES & ± 10.89 ACRES)
III-6
BCP SITE NO. C915199F
(± 10.89 ACRES)
2" slag placed
SMOKES CREEK
STEEL SUN SOLAR FARM
III-5 & III-6
WEL
(BCP SIT
HIGHWAY
AUTO FACILITY
SOUTH RITTEN
WATER TRENCH
EAST

# INSPECTOR'S DAILY REPORT

*(CONTINUED)*



| | |
|---|---|
| CONTRACTOR: BMTK: II-4 ; 20/42 III-2.3 | JOB NO.: B0261-216-001 |
| CLIENT: STEEL SUN | DATE: 09/26/16 (WED) |

**MEETINGS HELD & RESULTS:**

**CONTRACTOR'S WORK FORCE AND EQUIPMENT**

| DESCRIPTION | H | # | DESCRIPTION | H | # | DESCRIPTION | H | # |
|---|---|---|---|---|---|---|---|---|
| Field Engineer | | | | | | Front Loader Ton | | 1 |
| Superintendent | | | | | | Bulldozer | | 3 |
| Laborer-Foreman | | | | | | DJ Dump Truck | | 1 |
| Laborer | | | | | | Water Truck | | |
| Operating Engineer | | 4 | Equipment | | | Backhoe | | |
| Carpenter | | | Generators | | | Excavator | | 2 |
| Ironworker | | | Welding Equipment | | | Pad foot roller | | |
| Concrete Finisher | | | Roller | | 1 | Grinder | | 1 |
| | | | Paving Equipment | | | | | |
| | | | Air Compressor | | | | | |

**REMARKS:**

**REFERENCES TO OTHER FORMS:**

**SAMPLES COLLECTED:**

Sample Number:

Approx. Location of Stockpile:

No. of Stockpile

Date of Collection:

Weather:

Field Observations:

# INSPECTOR'S DAILY REPORT

Page 2 of 2

| CONTRACTOR: | JOB NO: |
|---|---|
| BM/TK - III-4 ; Zoladz - III-2,3 | B0261-016-001 |
| CLIENT: | DATE: |
| STEEL SUN | 09/26/16 |

| LOCATION: | | DAY: | |
|---|---|---|---|
| Parcels III-2,3,4 | | Su (M) Tu W Th F Sa | |
| WEATHER: | TEMP: | START: | END: |
| Misty/Cloudy/Rain SSW 9MPH | 53-71 °F | 0700 | 1700 |

WORK PERFORMED:

BM/TK III-4: Grading previous day slag on the EAST side III-4 (JHD). Surveyed existing concrete + subgrades on southeast area of site. Marked easterly boundry along Creek,

(MTJ) Excavated Key-in trench along Road + parcel on S/side ELEC Building. Spoils from here was hauled + placed in former ditch line east of elec. Building where being filled in. (High-lift used (RD))

Re-staged demarcation rolls.

Zoladz - Began Grinding steel + brush over by northeast Elec. Steel Building (NEW Grinder)

III-2,3: Hauled + spread 2" slag along front area (North side) III-2,3, easterly to 'S' curve in roadway.

Camp Monitor station setup until 2pm - No exceedances (Rain 2pm)

TEST PERFORMED:

QA PERSONNEL:

SIGNATURE:

# INSPECTOR'S DAILY REPORT

(CONTINUED) Page 1 of 2

| CONTRACTOR | JOB NO. |
|---|---|
| B&M/TK: III-4 ; Tolade - III-2,3 | B0261-016-001 |
| CLIENT | DATE |
| STEEL SOM | 09/27/16 (TUE) |

**MEETINGS HELD & RESULTS:**

(PHW – Site tour)

NYSDEC – (M. Moore) Part site visit

**CONTRACTOR'S WORK FORCE AND EQUIPMENT**

| DESCRIPTION | H | # | DESCRIPTION | H | # | DESCRIPTION | H | # |
|---|---|---|---|---|---|---|---|---|
| Field Engineer | | | | | | Front Loader Ton | | 1 |
| Superintendent | | | | | | Bulldozer | | 2 |
| Laborer-Foreman | | | | | | DJ Dump Truck | | 1 |
| Laborer | | | | | | Water Truck | | 1 |
| Operating Engineer | | 5 | Equipment | | | Backhoe | | 1 |
| Carpenter | | | Generators | | | Excavator | | |
| Ironworker | | | Welding Equipment | | | Pad foot roller | | |
| Concrete Finisher | | | Roller 50 | | 2 | Grinder | | 1 |
| Driver | | 1 | Paving Equipment | | | | | |
| | | | Air Compressor | | | | | |

**REMARKS:**

(JDD) As-built survey. Spot-shots taken on Northern end III-4 – a few points capture 2nd± along RR track tie-ins for minimum coverage. (to spot loads in here)

**REFERENCES TO OTHER FORMS:**

**SAMPLES COLLECTED:**

| |
|---|
| Sample Number: |
| Approx. Location of Stockpile: |
| No. of Stockpile |
| Date of Collection: |
| Weather: |
| Field Observations: |

# INSPECTOR'S DAILY REPORT

Page 2 of 2

| | |
|---|---|
| CONTRACTOR: BM/TK: III-4; Zolads III-2,3 | JOB NO: 30261-016-001 |
| CLIENT: STEEL SOW | DATE: 09/27/16 |

| | | | | |
|---|---|---|---|---|
| LOCATION: Parcels III-2,3,4 | | | DAY: Su M (Tu) W Th F Sa | |
| WEATHER: Clouds SSW-11 MPH | TEMP: 55-70 °F | | START: 0630 | END: 1730 |

WORK PERFORMED:

BM/TK III-4: Impo A 2" slag hauled + placed from 7AM until 12 pm in prepared area of parcel (Southeast quadrant) All areas receiving slag first had subgrades prepared, surveyed and orange demarcation netting rolled out prior.

Spoils from road tie in along S/side Building were hauled and placed in low area of former ditch line east of Building, using high-lift (RD)

Zolads - Continued grinding & hauling away trees + brush from all parcels. Mulch was taken to on-site facility.

Zolads hauled + placed 2" slag in Afternoon with trucks used by BM/TK in AM.

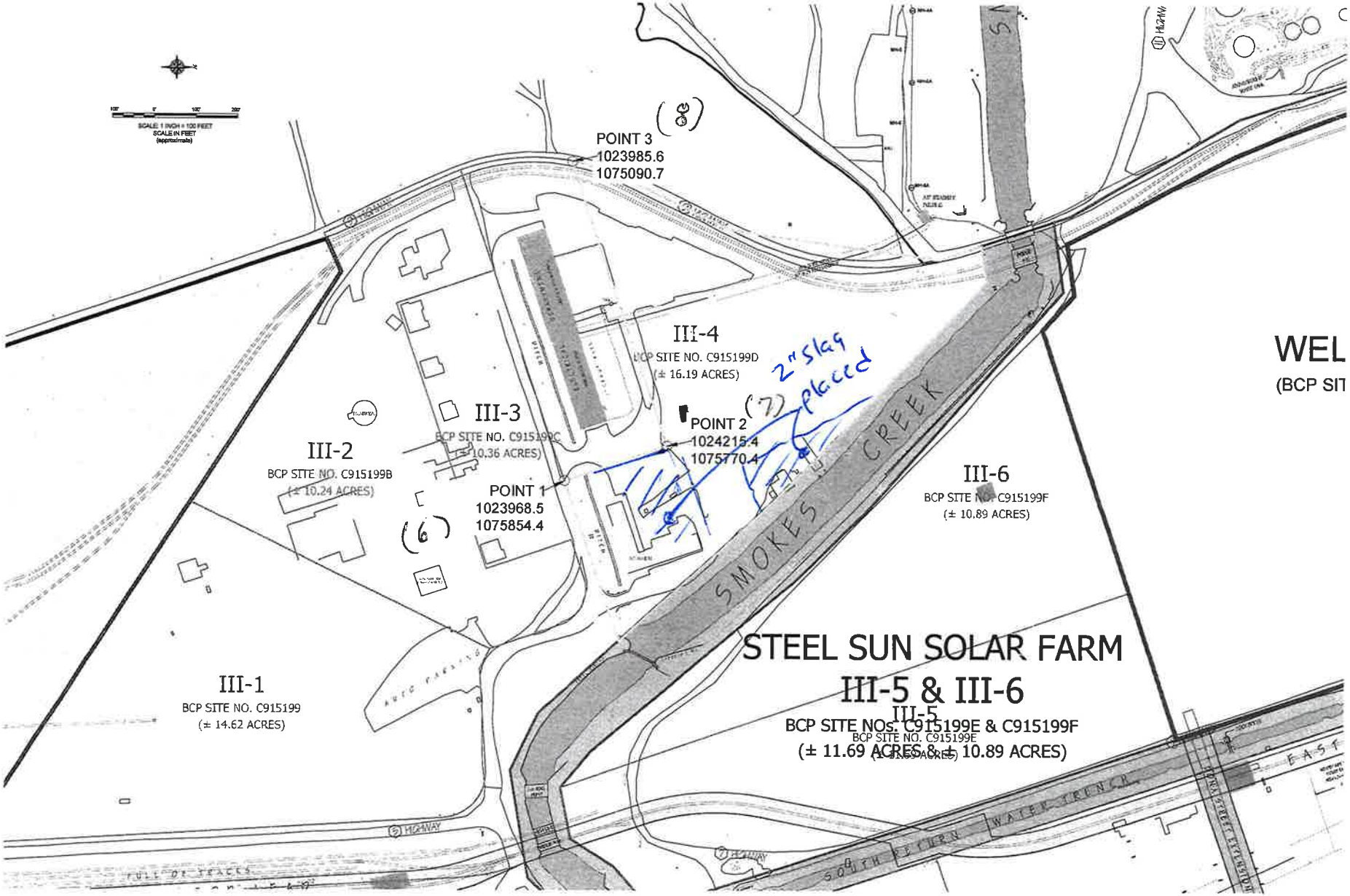
Camp monitor station up w/ no reported exceedances.
Water truck called in during day.

TEST PERFORMED:

QA PERSONNEL:

SIGNATURE:

09/27/16


SCALE: 1 INCH = 100 FEET
SCALE IN FEET
(approximate)
POINT 3
1023985.6
1075090.7
(8)
III-4
BCP SITE NO. C915199D
(± 16.19 ACRES)
2" slag placed
(7)
POINT 2
1024215.4
1075770.4
III-3
BCP SITE NO. C915199C
(± 10.36 ACRES)
III-2
BCP SITE NO. C915199B
(± 10.24 ACRES)
POINT 1
1023968.5
1075854.4
(6)
III-6
BCP SITE NO. C915199F
(± 10.89 ACRES)
SMOKES CREEK
STEEL SUN SOLAR FARM
III-5 & III-6
III-5
BCP SITE NOs. C915199E & C915199F
BCP SITE NO. C915199E
(± 11.69 ACRES & ± 10.89 ACRES)
III-1
BCP SITE NO. C915199
(± 14.62 ACRES)
HIGHWAY
WEL
(BCP SIT

# INSPECTOR'S DAILY REPORT

(CONTINUED)



| | |
|---|---|
| CONTRACTOR: BM/TK - III-4 ; blade III-2,3 | JOB NO.: B0261-016-001 |
| CLIENT: STEEL SUN | DATE: 09/28/16 (Wed) |

**MEETINGS HELD & RESULTS:**

**CONTRACTOR'S WORK FORCE AND EQUIPMENT**

| DESCRIPTION | H | # | DESCRIPTION | H | # | DESCRIPTION | H | # |
|---|---|---|---|---|---|---|---|---|
| Field Engineer | | 1 | | | | Front Loader Ton | | 1 |
| Superintendent | | | | | | Bulldozer | | 2 |
| Laborer-Foreman | | | | | | DJ Dump Truck | | |
| Laborer | | | | | | Water Truck | | |
| Operating Engineer | | 4 | Equipment | | | Backhoe | | |
| Carpenter | | | Generators | | | Excavator | | 1 |
| Ironworker | | | Welding Equipment | | | Pad foot roller | | |
| Concrete Finisher | | | Roller | | 1 | | | |
| | | | Paving Equipment | | | | | |
| | | | Air Compressor | | | | | |

**REMARKS:**

**REFERENCES TO OTHER FORMS:**

**SAMPLES COLLECTED:**

| |
|---|
| Sample Number: |
| Approx. Location of Stockpile: |
| No. of Stockpile |
| Date of Collection: |
| Weather: |
| Field Observations: |

# INSPECTOR'S DAILY REPORT



| | |
|---|---|
| CONTRACTOR: BM/TK III-4 ; Zoladz III-2,3 | JOE NO: B0261-016-001 |
| CLIENT: STEER SUN | DATE: 09/28/16 |

| | | | | |
|---|---|---|---|---|
| LOCATION: Parcels III-2,3,4 | | | DAY: Su M Tu (W) Th F Sa | |
| WEATHER: MSTLY Cloudy ESE-11MPH | TEMP: 56-76 °F | | START: 0630 | END: 1730 |

WORK PERFORMED:

BM/TK III-4 : Spent this day fine grading previous placed slag, refining GPS model in dozer. fine graded previously placed sand around ~~ELEC~~ STORES Building.

Hauled & placed on-site sand to south side ELEC Building between holding basin (ditch) and Asphalt roadway, with high-lift.

Excavated tie-in trench along roadway south and east of elec. stores building.

Knocked down sand stockpile for ease of loading w/ high-lift.

Comp monitor station up all day - no reported exceedences this day.

JTD - Surveyed subgrade toward southeastern quadrant of III-4.
- Staged demarcation rolls netting for prep ~~of~~ slag.

- JTD - surveyed EASTERN & southern property limits III-2 ~~for~~ Zoladz request

Zoladz had ~~l~~operator working subgrade prep toward south limits this day.

TEST PERFORMED:

QA PERSONNEL:

SIGNATURE:

TURNKEY

# INSPECTOR'S DAILY REPORT

*(CONTINUED)*

Page 1 of 2

| | |
|---|---|
| CONTRACTOR: BM/TK III-4; Zolada- III-3,2 | JOB NO.: B0261-016-001 |
| CLIENT: STEEL SUP | DATE: 09/29/16 (Thur) |

**MEETINGS HELD & RESULTS:**

**CONTRACTOR'S WORK FORCE AND EQUIPMENT**

| DESCRIPTION | H | # | DESCRIPTION | H | # | DESCRIPTION | H | # |
|---|---|---|---|---|---|---|---|---|
| Field Engineer | | | | | | Front Loader Ton | | 1 |
| Superintendent | | | | | | Bulldozer | | 2 |
| Laborer-Foreman | | | | | | DJ Dump Truck | | |
| Laborer | | | | | | Water Truck | | |
| Operating Engineer | | 4 | Equipment | | | Backhoe | | |
| Carpenter | | | Generators | | | Excavator | | 1 |
| Ironworker | | | Welding Equipment | | | Pad foot roller | | |
| Concrete Finisher | | | Roller 50 | | 1 | | | |
| | | | Paving Equipment | | | | | |
| | | | Air Compressor | | | | | |

**REMARKS:**

**REFERENCES TO OTHER FORMS:**

**SAMPLES COLLECTED:**

| |
|---|
| Sample Number: |
| Approx. Location of Stockpile: |
| No. of Stockpile |
| Date of Collection: |
| Weather: |
| Field Observations: |

# INSPECTOR'S DAILY REPORT

Page 2 of 2

| | |
|---|---|
| CONTRACTOR: BM/TK III-4 ; Zolada III-2,3 | JOB NO.: B0261-016-001 |
| CLIENT: STEEL SUN | DATE: 09/29/16 |

| | | | | |
|---|---|---|---|---|
| LOCATION: Parcel III-2,3,4 | | | DAY: Su M Tu W (Th) F Sa | |
| WEATHER: LT RN Most day ENE 13MPH | TEMP: 57-62 °F | | START: 0630 | END: 1730 |

WORK PERFORMED:

BM/TK III-4: Hauled and placed 2" slag import stone all day to southeast quadrant to within 40'± North of main roadway.

All subgrade areas was rolled, surveyed and demarcation netting placed prior to slag placement.

Misc. steel & spoils were picked up and consolidated w/ high lift (RD)

Key-in trench wal excavated along west asphalt parking area (by sand-pile) and started along Railroad ballast along west side. Spoils picked up and placed adjacent + East of railroad ballast on sub-parcel 4A while soil planned across driveway West of ELEC. STORES Building.

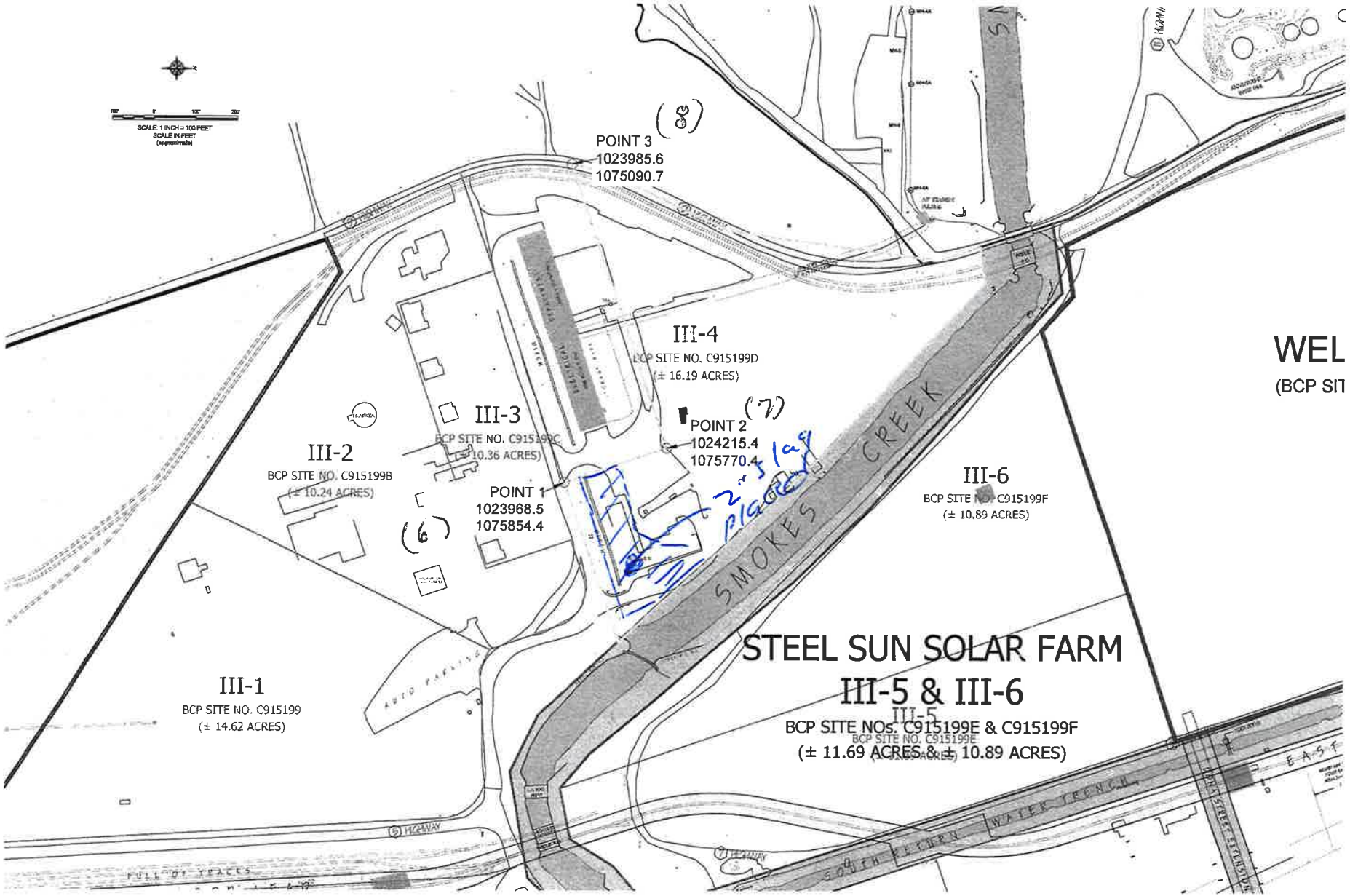
Zolada - working on subgrade prep in AM- (NO other work on III-2,3)

TEST PERFORMED:

QA PERSONNEL:

SIGNATURE:

09/29/16




WEL
(BCP SIT

# INSPECTOR'S DAILY REPORT

*(CONTINUED)*



| | |
|---|---|
| CONTRACTOR: BM/TK - III-4 | JOB NO.: B0261-016-001 |
| CLIENT: STEEL SUN | DATE: 09/30/16 (FRI) |

**MEETINGS HELD & RESULTS:**

**CONTRACTOR'S WORK FORCE AND EQUIPMENT**

| DESCRIPTION | H | # | DESCRIPTION | H | # | DESCRIPTION | H | # |
|---|---|---|---|---|---|---|---|---|
| Field Engineer | | 1 | | | | Front Loader Ton | | 1 |
| Superintendent | | | | | | Bulldozer | | 1 |
| Laborer-Foreman | | | | | | DJ Dump Truck | | |
| Laborer | | | | | | Water Truck | | |
| Operating Engineer | | 3 | Equipment | | | Backhoe | | |
| Carpenter | | | Generators | | | Excavator | | 1 |
| Ironworker | | | Welding Equipment | | | Pad foot roller | | |
| Concrete Finisher | | | Roller | | 1 | TANDUM (TK) | | 1 |
| | | | Paving Equipment | | | | | |
| | | | Air Compressor | | | | | |

**REMARKS:**

* No work over on III-2,3 this day

**REFERENCES TO OTHER FORMS:**

**SAMPLES COLLECTED:**

| |
|---|
| Sample Number: |
| Approx. Location of Stockpile: |
| No. of Stockpile |
| Date of Collection: |
| Weather: |
| Field Observations: |

# INSPECTOR'S DAILY REPORT

Page 2 of 2

| | |
|---|---|
| CONTRACTOR: BM/TK - III-4 | JOB NO.: B0261-016-001 |
| CLIENT: Steel Sump | DATE: 09/30/16 |

| | | | |
|---|---|---|---|
| LOCATION: Parcel III-4 | | DAY: Su M Tu W Th (F) Sa | |
| WEATHER: OC ENE-13mph | TEMP: 51-67 °F | START: 0630 | END: 1700 |

**WORK PERFORMED:**

Fine graded previously placed 2" slag in the southeast quadrant w/dozer.

TurnKey Tandem truck & CAT loader - hauled Green Lakes soil to northside ~~ELEC~~ Stores Building to use as soil supplement over sand for vegetation growth. (Approx 2½ loads hauled)

Placed sand along southeast edge ELEC STORES Building roadway.

Excavated Key-in trenches by wedge between Highway 9 (State Rd.) and Railroad Ballast, just South of Smokes Creek. All spoils being hauled to security berm west of ELEC. Stores BLDG. and W. of Access driveway Parcel "4A".

Camp Monitor station setup w/ no reported exceedances.

| | |
|---|---|
| TEST PERFORMED: | QA PERSONNEL: [signature] |
| | SIGNATURE: |

# INSPECTOR'S DAILY REPORT

(CONTINUED)

Page 1 of 2

| CONTRACTOR: | JOB NO.: |
|---|---|
| BM/TK - III-4 | B0261-016-001 |
| CLIENT: | DATE: |
| Steel Bow | 10/01/16 (SAT) |

**MEETINGS HELD & RESULTS:**

**CONTRACTOR'S WORK FORCE AND EQUIPMENT**

| DESCRIPTION | H | # | DESCRIPTION | H | # | DESCRIPTION | H | # |
|---|---|---|---|---|---|---|---|---|
| Field Engineer | | 1 | | | | Front Loader Ton | | 1 |
| Superintendent | | | | | | Bulldozer | | |
| Laborer-Foreman | | | | | | DJ Dump Truck | | |
| Laborer | | | | | | Water Truck | | |
| Operating Engineer | | | Equipment | | | Backhoe | | |
| Carpenter | | | Generators | | | Excavator | | |
| Ironworker | | | Welding Equipment | | | Pad foot roller | | |
| Concrete Finisher | | | Roller | | | | | |
| | | | Paving Equipment | | | | | |
| | | | Air Compressor | | | | | |

**REMARKS:**

High-lift - hauled spoils to security berm from Highway 9 key-in trench (S. Smokey Creek)
- no other operations.
GPS surveyed 4A/4B parcel boundry

**REFERENCES TO OTHER FORMS:**

**SAMPLES COLLECTED:**

| |
|---|
| Sample Number: |
| Approx. Location of Stockpile: |
| No. of Stockpile |
| Date of Collection: |
| Weather: |
| Field Observations: |

# INSPECTOR'S DAILY REPORT

Page 2 of 2

| | |
|---|---|
| CONTRACTOR: Bmltl. III-4 | JOB NO.: B0261-016-001 |
| CLIENT: Steel Sons | DATE: 10/01/16 |

| | | | | |
|---|---|---|---|---|
| LOCATION: Parcel III-4 | | | DAY: Su M Tu W Th F (Sa) | |
| WEATHER: Hvy Rain/oc | ENE 6mph | TEMP: 56-68 °F | START: 0700 | END: 1100 |

WORK PERFORMED:

- 20 lads NOT ON SITE this day

TEST PERFORMED:

QA PERSONNEL:

SIGNATURE:

# INSPECTOR'S DAILY REPORT

(CONTINUED)

Page 1 of 2

| | |
|---|---|
| CONTRACTOR: BM/TK - III-4, ~~III-3~~ | JOB NO.: B0261-016-001 |
| CLIENT: STEEL SUN | DATE: 10/03/16 (MON) |

**MEETINGS HELD & RESULTS:**

**CONTRACTOR'S WORK FORCE AND EQUIPMENT**

| DESCRIPTION | H | # | DESCRIPTION | H | # | DESCRIPTION | H | # |
|---|---|---|---|---|---|---|---|---|
| Field Engineer | | 1 | | | | Front Loader Ton | | 1 |
| Superintendent | | | | | | Bulldozer | | 1 |
| Laborer-Foreman | | | | | | DJ Dump Truck | | |
| Laborer | | | | | | Water Truck | | |
| Operating Engineer | | 3 | Equipment | | | Backhoe | | |
| Carpenter | | | Generators | | | Excavator | | 1 |
| Ironworker | | | Welding Equipment | | | Pad foot roller | | |
| Concrete Finisher | | | Roller SD | | 1 | | | |
| | | | Paving Equipment | | | | | |
| | | | Air Compressor | | | | | |

**REMARKS:**

Bldg 2 - III-2,3 No work this day on site (other than BM/TK by Lumber Yard) Staging Pad.

**REFERENCES TO OTHER FORMS:**

**SAMPLES COLLECTED:**

| |
|---|
| Sample Number: |
| Approx. Location of Stockpile: |
| No. of Stockpile |
| Date of Collection: |
| Weather: |
| Field Observations: |

# INSPECTOR'S DAILY REPORT



| | |
|---|---|
| CONTRACTOR: BM/TK III-4, III-3 | JOB NO.: B0261-016-001 |
| CLIENT: STEEL SUN | DATE: 10/03/16 |

| | | | | |
|---|---|---|---|---|
| LOCATION: Parcels III-4,3 | | | DAY: Su (M) Tu W Th F Sa | |
| WEATHER: Mstly Clouds/Lt Rain NW 5MPH | TEMP: 56-70 °F | | START: 0630 | END: 1730 |

**WORK PERFORMED:**

BM/TK III-2 started excavating existing slag staging area for lumber yard trucks as part of III-2 cover system parcel. Existing grades of staging area are such that the North side (toward Creek) were left as is, with demarcation netting placed down on top of existing slag - Excavated slag was cast on top of netting/demarc. with demarcation then rolled out onto southern area to roadway tie-in. Subgrades (prior to demarcation netting) were shot in for grade/thickness verifications.

III-4: Soil security berm on sub-parcel 4A was graded and shaped up between driveway and RR tracks.
- Hauled remaining spoils to berm from Highway 9 wedge.
- Green baked soil previously hauled to north side building, was graded into sand layer.

fine graded misc. slag piles brought in at low spots along tele pole line adjacent to BKTP parking on 4B.

Surveyed subgrades by Highway 9/RR and RR and on site Asphalt parking in prep for slag placement
- staged demarcation rolls for slag "Grab"
- Began static rolling 4B @ North end "Grab"

| | |
|---|---|
| TEST PERFORMED: Comp Monitor Station Setup (No reported exceedances) | QA PERSONNEL: SIGNATURE: |

# INSPECTOR'S DAILY REPORT

*(CONTINUED)*

Page 1 of 2

CONTRACTOR: BM/TK: III-4,3 Toldoz III-2

CLIENT:

JOB NO.: B0261-016-001

DATE: 10/04/16 (TUE)

**MEETINGS HELD & RESULTS:**

**CONTRACTOR'S WORK FORCE AND EQUIPMENT**

| DESCRIPTION | H | # | DESCRIPTION | H | # | DESCRIPTION | H | # |
|---|---|---|---|---|---|---|---|---|
| Field Engineer | | | | | | Front Loader Ton | | |
| Superintendent | | | | | | Bulldozer | | 1 |
| Laborer-Foreman | | | | | | DJ Dump Truck | | |
| Laborer | | | | | | Water Truck | | |
| Operating Engineer | | 4 | Equipment | | | Backhoe | | |
| Carpenter | | | Generators | | | Excavator | | 1 |
| Ironworker | | | Welding Equipment | | | Pad foot roller | | |
| Concrete Finisher | | | Roller | | 2 | | | |
| | | | Paving Equipment | | | | | |
| | | | Air Compressor | | | | | |

**REMARKS:**

**REFERENCES TO OTHER FORMS:**

**SAMPLES COLLECTED:**

Sample Number:

Approx. Location of Stockpile:

No. of Stockpile

Date of Collection:

Weather:

Field Observations:

# INSPECTOR'S DAILY REPORT

Page 2 of 2

| | |
|---|---|
| CONTRACTOR: Bulk III-4, 3; Zoladz III-2, 3 | JOB NO: B0261-016-001 |
| CLIENT: STEEL SOL | DATE: 10/04/16 |

| | | | | |
|---|---|---|---|---|
| LOCATION: Parcels - III-2, 3, 4 | | | DAY: Su M (Tu) W Th F Sa | |
| WEATHER: PTLY SUN | E 7MPH | TEMP: 52-73 °F | START: 0630 | END: 1330 |

**WORK PERFORMED:**

Bulk: Hauled & placed 2" slag all day substantially completed the southern end Parcels 4, 1+3, strip along railroad and blacktop parking (adjacent to sand stockpile), spotted loads within existing Asphalt road around building to taper across to soil placed, hauled 2" slag over to lumber Yard staging pad after excavating complete, surveyed (subgrade complete) and demarcation netting rolled out here. Approx. 15 loads slag placed by staging. * Need aprox 3-4 loads to complete here.

Dozer graded lumber staging pad & 50 Roller used to compact

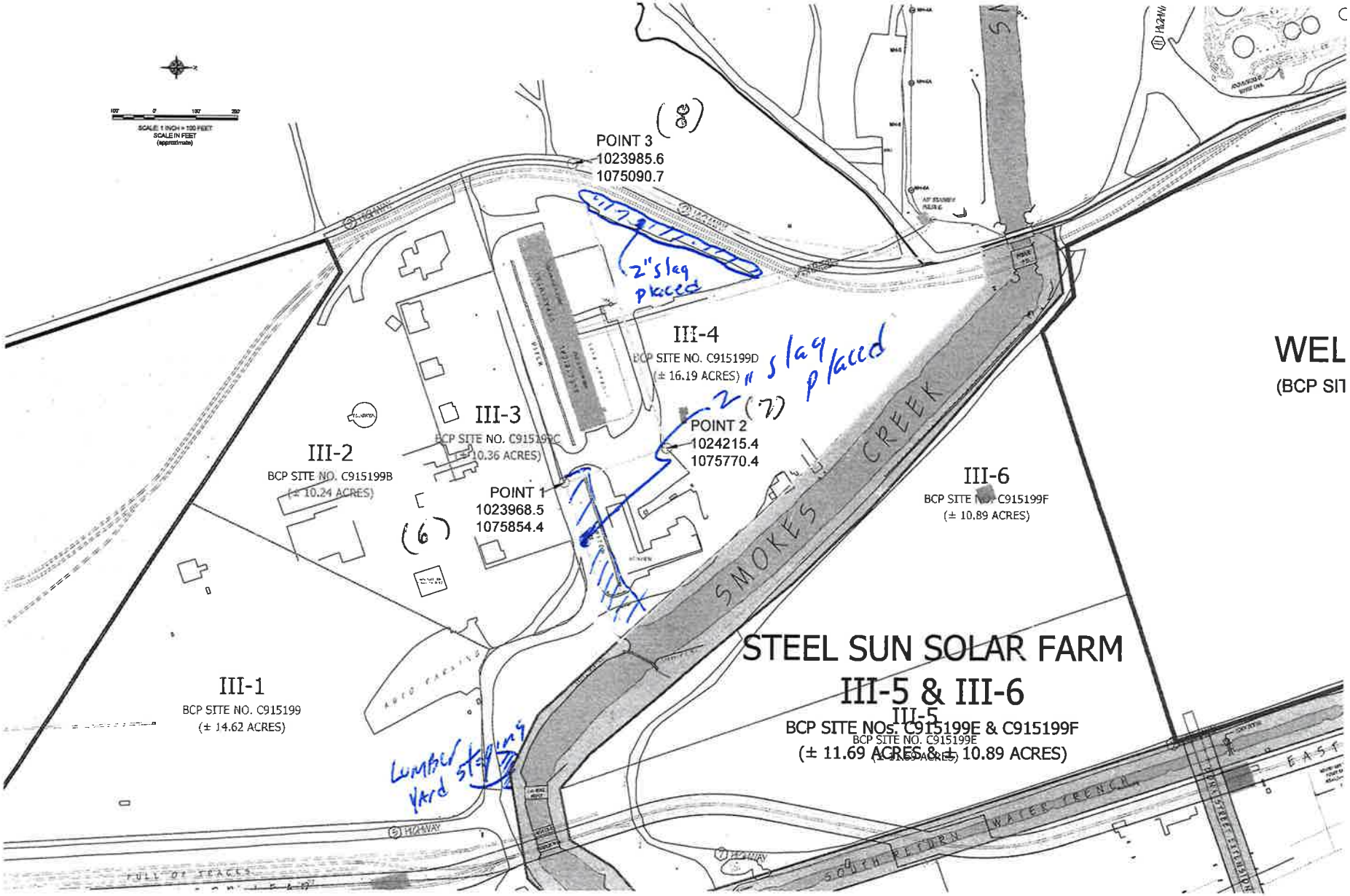
Zoladz - limited work (1 operator railing subgrade)

CAMP Monitor station set-up W/No noted exceedances.

Water truck called in to keep haul road from kicking up dust.

| | |
|---|---|
| TEST PERFORMED: | QA PERSONNEL: |
| | SIGNATURE: |

10/04/16


SCALE: 1 INCH = 100 FEET
SCALE IN FEET
(approximate)
POINT 3
1023985.6
1075090.7
2" slag placed
III-4
BCP SITE NO. C915199D
(± 16.19 ACRES)
2" slag placed
POINT 2
1024215.4
1075770.4
III-3
BCP SITE NO. C915199C
(± 10.36 ACRES)
III-2
BCP SITE NO. C915199B
(± 10.24 ACRES)
POINT 1
1023968.5
1075854.4
III-6
BCP SITE NO. C915199F
(± 10.89 ACRES)
SMOKES CREEK
STEEL SUN SOLAR FARM
III-5 & III-6
III-5
BCP SITE NOS. C915199E & C915199F
BCP SITE NO. C915199E
(± 11.69 ACRES & ± 10.89 ACRES)
III-1
BCP SITE NO. C915199
(± 14.62 ACRES)
Lumber Yard staging
HIGHWAY
SOUTH RETURN WATER TRENCH
EAST
WEL
(BCP SIT

# INSPECTOR'S DAILY REPORT

(CONTINUED)



| CONTRACTOR: | JOB NO.: |
|---|---|
| BM/TK - III-4; Zolack - III-2,3 | B0261-016-001 |
| CLIENT: | DATE: |
| STEEL SOW | 10/05/16 (Wed) |

**MEETINGS HELD & RESULTS:**

PHN(BM) / M. Moore (NYSDEC) SITE VISITS
- WALKED ACCESS ramp being built to SMOKES CREEK AS part COVER III-4

**CONTRACTOR'S WORK FORCE AND EQUIPMENT**

| DESCRIPTION | H | # | DESCRIPTION | H | # | DESCRIPTION | H | # |
|---|---|---|---|---|---|---|---|---|
| Field Engineer | | 1 | | | | Front Loader Ton | | 1 |
| Superintendent | | | | | | Bulldozer | | 2 |
| Laborer-Foreman | | | | | | DJ Dump Truck | | |
| Laborer | | | | | | Water Truck | | 1 |
| Operating Engineer | | 3 | Equipment | | | Backhoe | | |
| Carpenter | | | Generators | | | Excavator | | |
| Ironworker | | | Welding Equipment | | | Pad foot roller | | |
| Concrete Finisher | | | Roller SD | | 2 | Tandum truck (TK) | | 1 |
| | | | Paving Equipment | | | | | |
| | | | Air Compressor | | | | | |

**REMARKS:**

**REFERENCES TO OTHER FORMS:**

**SAMPLES COLLECTED:**

| | |
|---|---|
| Sample Number: | |
| Approx. Location of Stockpile: | |
| No. of Stockpile | |
| Date of Collection: | |
| Weather: | |
| Field Observations: | |

# INSPECTOR'S DAILY REPORT

Page 2 of 2

| | |
|---|---|
| CONTRACTOR: BM/TK III-4; Toledo: III-2,3 | JOB NO: B0261-016-001 |
| CLIENT: STEEL SUN | DATE: 10/05/16 |

| | | | | |
|---|---|---|---|---|
| LOCATION: PARCELS III-2,3,4 | | | DAY: Su M Tu (W) Th F Sa | |
| WEATHER: PTLY SUN | 5-6MPH | TEMP: 54-74 °F | START: 0700 | END: 1700 |

**WORK PERFORMED:**

BM/TK: PARCEL III-3

Spotted 3 loads 2" slag by lumber yard staging area to bring up grades on Northern edge. Smooth drum roller used to compact after dozer graded in here.

Hauled in 2" slag and 5"+ oversize slag by ramp @ Smokey Creek and graded over here after placing demarcation netting down and surveying subgrades.

Spotted loads around by former roadway around Elec. Building (W/SIDE) and in few low areas to grade in and use to taper slag over Asphalt access.

Hauled 2" slag to Highway 9 Wedge area south of creek after placing demarcation netting & shooting subgrades here.

- Hauled over Green Lakes sediment w/TK truck & CAT loader at stockpile until 2pm.
- HAULED sand onto security berm area with high-lift.
- Rolled slag in the southern area of parcel 4.

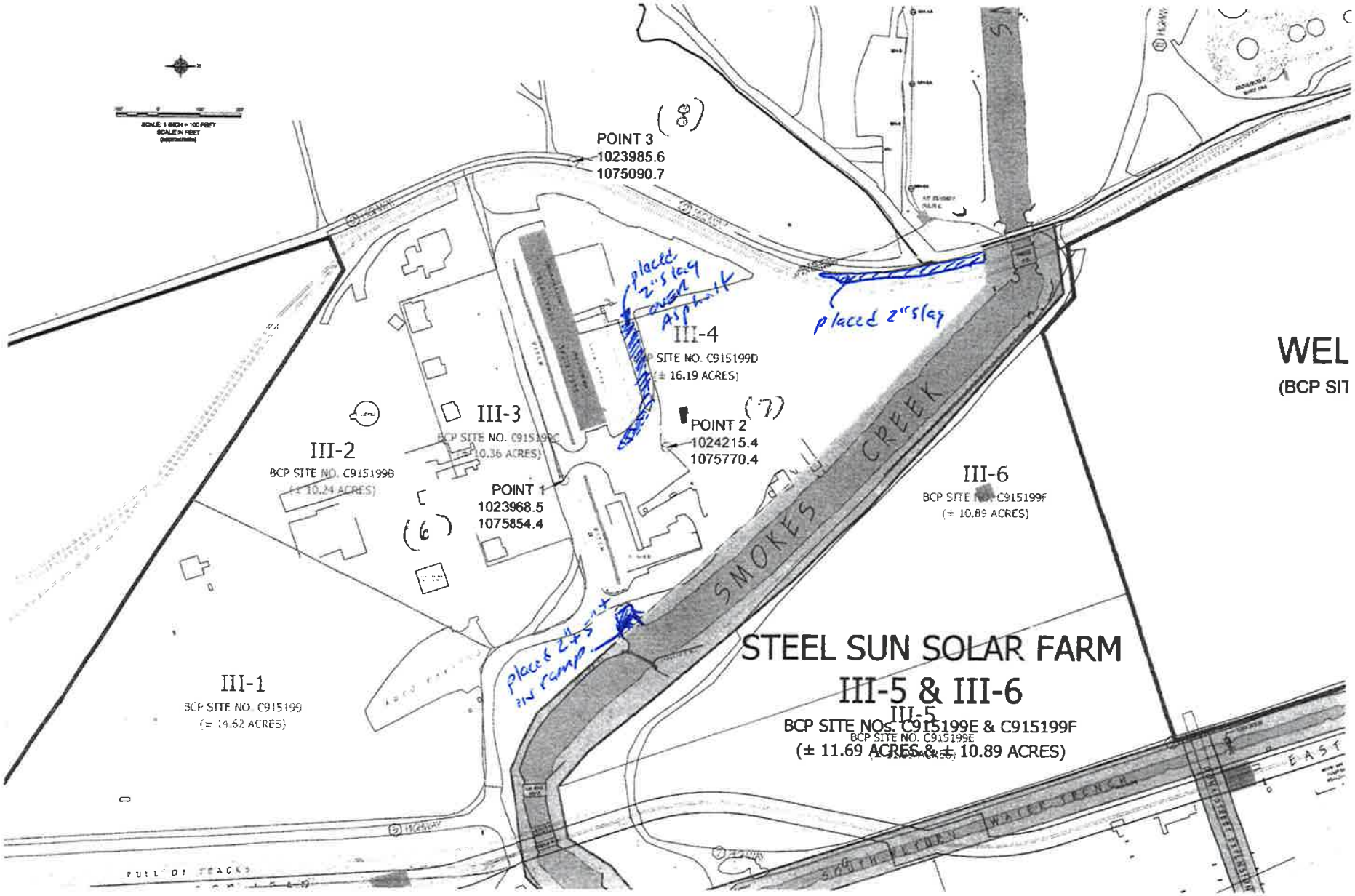
Haul Rds watered periodically during day.

TEST PERFORMED:

QA PERSONNEL: [signature]

SIGNATURE:

10/05/16




WEL
(BCP SIT

# INSPECTOR'S DAILY REPORT

(CONTINUED)

Page 1 of 2

| | |
|---|---|
| CONTRACTOR: BM/TK - III-4; Toladz - III-2,3 | JOB NO.: B0261-016-001 |
| CLIENT: STEEL SUN | DATE: 10/06/16 (Thur) |

**MEETINGS HELD & RESULTS:**

PHw (BM) site tour.

**CONTRACTOR'S WORK FORCE AND EQUIPMENT**

| DESCRIPTION | H | # | DESCRIPTION | H | # | DESCRIPTION | H | # |
|---|---|---|---|---|---|---|---|---|
| Field Engineer | | 1 | | | | Front Loader Ton | | 1 |
| Superintendent | | | | | | Bulldozer | | 1 |
| Laborer-Foreman | | | | | | DJ Dump Truck (Z) | 4½ | 1 |
| Laborer | | | | | | Water Truck | | |
| Operating Engineer | | 2 | Equipment | | | Backhoe | | |
| Carpenter | | | Generators | | | Excavator (Z) | 4½ | 1 |
| Ironworker | | | Welding Equipment | | | Pad foot roller | | |
| Concrete Finisher | | | Roller | | | | | |
| | | | Paving Equipment | | | | | |
| | | | Air Compressor | | | | | |

**REMARKS:**

Toladz NOT on site III-2,3 this day.

**REFERENCES TO OTHER FORMS:**

**SAMPLES COLLECTED:**

Sample Number:

Approx. Location of Stockpile:

No. of Stockpile

Date of Collection:

Weather:

Field Observations:

# INSPECTOR'S DAILY REPORT

Page 2 of 2

| | |
|---|---|
| CONTRACTOR: BM/TK - III-4, 3 | JOB NO: B0261-016-001 |
| CLIENT: STEEL SUN | DATE: 10/06/16 |

| | | | | |
|---|---|---|---|---|
| LOCATION: Parcel III-4, 3 | | | DAY: Su M Tu W (Th) F Sa | |
| WEATHER: Clouds/Sun | SSE-6MPH | TEMP: 54-77 °F | START: 0700 | END: 1700 |

**WORK PERFORMED:**

BM/TK Parcel III-3 - added 2 loads 2" slag and rerolled staging to level out - after dozer graded.

Hauled approx. 25-30 loads sediment (Green Lakes) from stockpile (hired ~~2~~ 6 wheeled off-road ex Ca.) - All material dumped on soil area south of Elec. Stores Building on security berm west of building.

- Hauled additional sand onto security berm w/ high-lift.

Graded sediment into sand along north side building & S/side along roadway.

Graded slag by Highway 9 wedge, south of Smokes Creek. (dumped here previous day)

Pulled back slag beyond boundry along Smokes Creek Parcel-III-4, w/excavator and graded onto cover slag.

Watered haul roads periodically during day.

TEST PERFORMED:

QA PERSONNEL:

SIGNATURE:

# INSPECTOR'S DAILY REPORT

(CONTINUED)

Page 1 of 2

CONTRACTOR: BMITC - III - 4

JOB NO.: B0261-016-001

CLIENT: STEEL SUN

DATE: 10/07/16 (FRI)

**MEETINGS HELD & RESULTS:**

**CONTRACTOR'S WORK FORCE AND EQUIPMENT**

| DESCRIPTION | H | # | DESCRIPTION | H | # | DESCRIPTION | H | # |
|---|---|---|---|---|---|---|---|---|
| Field Engineer | | | | | | Front Loader Ton | | 1 |
| Superintendent | | | | | | Bulldozer | | 1 |
| Laborer-Foreman | | | | | | DJ Dump Truck | | |
| Laborer | | | | | | Water Truck | | |
| Operating Engineer | | | Equipment | | | Backhoe | | |
| Carpenter | | | Generators | | | Excavator | | |
| Ironworker | | | Welding Equipment | | | Pad foot roller | | |
| Concrete Finisher | | | Roller (SD) | | 1 | | | |
| | | | Paving Equipment | | | | | |
| | | | Air Compressor | | | | | |

**REMARKS:**

Zokdz survey 1/2 day subgrade - No other work at III - 2, 3.

**REFERENCES TO OTHER FORMS:**

**SAMPLES COLLECTED:**

Sample Number:

Approx. Location of Stockpile:

No. of Stockpile

Date of Collection:

Weather:

Field Observations:

# INSPECTOR'S DAILY REPORT

Page 2 of 2

| | |
|---|---|
| CONTRACTOR: BM/TK ~~III~~-4 | JOB NO: B0261-016-001 |
| CLIENT: STEEL SON | DATE: 10/07/16 |
| LOCATION: Parcel ~~III~~-4 | DAY: Su M Tu W Th (F) Sa |
| WEATHER: PTLY SUN 5-8MPH | TEMP: 55-76 °F |
| | START: 0700 |
| | END: 1630 |

**WORK PERFORMED:**

BM/TK Parcel ~~III~~-4

Graded previous day sediment on security berm grad w/dozer.

Rolled lumber yard staging for "final" and Highway 9 wedge area slag.

Surveyed lumber yard final grades, parcel ~~III~~-4 AS-BUILTS.

Hauled extra slag by Highway 9, over to southeast corner 4B (near ramp)

**TEST PERFORMED:**

QA PERSONNEL: [signature]

SIGNATURE:

# INSPECTOR'S DAILY REPORT

(CONTINUED)



| | |
|---|---|
| CONTRACTOR: BM/TK III-4 | JOB NO.: B0261-016-001 |
| CLIENT: STEEL SUN | DATE: 10/08/16 (SAT) |

**MEETINGS HELD & RESULTS:**

**CONTRACTOR'S WORK FORCE AND EQUIPMENT**

| DESCRIPTION | H | # | DESCRIPTION | H | # | DESCRIPTION | H | # |
|---|---|---|---|---|---|---|---|---|
| Field Engineer | | 1 | | | | Front Loader Ton | | |
| Superintendent | | | | | | Bulldozer | | |
| Laborer-Foreman | | | | | | DJ Dump Truck | | |
| Laborer | | | | | | Water Truck | | |
| Operating Engineer | | | Equipment | | | Backhoe | | |
| Carpenter | | | Generators | | | Excavator | | |
| Ironworker | | | Welding Equipment | | | Pad foot roller | | |
| Concrete Finisher | | | Roller | | | | | |
| | | | Paving Equipment | | | | | |
| | | | Air Compressor | | | | | |

**REMARKS:**

(JM) Survey As-Built III-4 panel

- No other work this day on site

**REFERENCES TO OTHER FORMS:**

**SAMPLES COLLECTED:**

| |
|---|
| Sample Number: |
| Approx. Location of Stockpile: |
| No. of Stockpile |
| Date of Collection: |
| Weather: |
| Field Observations: |

# INSPECTOR'S DAILY REPORT

Page 2 of 2

| | |
|---|---|
| CONTRACTOR: BM/TK Parcel III-4 | JOB NO: B0261-016-001 |
| CLIENT: STEEL SUN | DATE: 10/08/16 |

| | | | | |
|---|---|---|---|---|
| LOCATION: Parcel III-4 | | | DAY: Su M Tu W Th F (Sa) | |
| WEATHER: OC/RAIN | W-12MPH | TEMP: 50-66 °F | START: 0730 | END: 1100 |

**WORK PERFORMED:**

Survey III-4

**TEST PERFORMED:**

QA PERSONNEL:

SIGNATURE:

# INSPECTOR'S DAILY REPORT

(CONTINUED)

Page 1 of 2

| | |
|---|---|
| CONTRACTOR: BM/TK - III - 4 | JOB NO.: B0261-016-001 |
| CLIENT: STEEL SUN | DATE: 10/10/16 (MON) |

**MEETINGS HELD & RESULTS:**

**CONTRACTOR'S WORK FORCE AND EQUIPMENT**

| DESCRIPTION | H | # | DESCRIPTION | H | # | DESCRIPTION | H | # |
|---|---|---|---|---|---|---|---|---|
| Field Engineer | | | | | | Front Loader Ton | | |
| Superintendent | | | | | | Bulldozer | | 1 |
| Laborer-Foreman | | | | | | DJ Dump Truck | | |
| Laborer | | | | | | Water Truck | | |
| Operating Engineer | | | Equipment | | | Backhoe | | |
| Carpenter | | | Generators | | | Excavator | | |
| Ironworker | | | Welding Equipment | | | Pad foot roller | | |
| Concrete Finisher | | | Roller | | | | | |
| | | | Paving Equipment | | | | | |
| | | | Air Compressor | | | | | |

**REMARKS:**

2 loads mat on site

**REFERENCES TO OTHER FORMS:**

**SAMPLES COLLECTED:**

| | |
|---|---|
| Sample Number: | |
| Approx. Location of Stockpile: | |
| No. of Stockpile | |
| Date of Collection: | |
| Weather: | |
| Field Observations: | |

# INSPECTOR'S DAILY REPORT

Page 2 of 2

| | |
|---|---|
| CONTRACTOR: BM/TK Parcel III-4 | JOB NO: B0261-016-001 |
| CLIENT: STEEL SUN | DATE: 10/10/16 |

| | | | | |
|---|---|---|---|---|
| LOCATION: Parcel III-4 | | | DAY: Su (M) Tu W Th F Sa | |
| WEATHER: PTLY SUN | NNE-4MPH | TEMP: 41-58 °F | START: 0730 | END: 1600 |

**WORK PERFORMED:**

Hauled 3 loads 2" slag to fill low spots on parcel requiring build up.

Graded slag w/ dozer

fine graded southern end parcel 4

- Survey as-builts on III-4

TEST PERFORMED:

QA PERSONNEL:

SIGNATURE:

# INSPECTOR'S DAILY REPORT

(CONTINUED)

Page 1 of 2

| | |
|---|---|
| CONTRACTOR: BM/TK - IF-4 ; Zoladex III-2,3 | JOB NO.: B0261-016-001 |
| CLIENT: STEEL SON | DATE: 10/11/16 (TUE) |

**MEETINGS HELD & RESULTS:**

**CONTRACTOR'S WORK FORCE AND EQUIPMENT**

| DESCRIPTION | H | # | DESCRIPTION | H | # | DESCRIPTION | H | # |
|---|---|---|---|---|---|---|---|---|
| Field Engineer | | 1 | | | | Front Loader Ton | | |
| Superintendent | | | | | | Bulldozer | | 3 |
| Laborer-Foreman | | | | | | DJ Dump Truck | | |
| Laborer | | | | | | Water Truck | | |
| Operating Engineer | | | Equipment | | | Backhoe | | |
| Carpenter | | | Generators | | | Excavator | | |
| Ironworker | | | Welding Equipment | | | Pad foot roller | | |
| Concrete Finisher | | | Roller | | | Surveyor (3rd) | | 1 |
| | | | Paving Equipment | | | | | |
| | | | Air Compressor | | | | | |

**REMARKS:**

**REFERENCES TO OTHER FORMS:**

**SAMPLES COLLECTED:**

Sample Number:

Approx. Location of Stockpile:

No. of Stockpile

Date of Collection:

Weather:

Field Observations:

# INSPECTOR'S DAILY REPORT

Page 2 of 2

| | |
|---|---|
| CONTRACTOR: BM/TK - Parcel III-4; Zoladz - Parcel III-23 | JOB NO: B0261-016-001 |
| CLIENT: STEEL SUN | DATE: 10/11/16 |

| | | | |
|---|---|---|---|
| LOCATION: ~~III~~-2, 3, 4 | | DAY: Su M (Tu) W Th F Sa | |
| WEATHER: SUN / CLOUDS SSE-4MPH | TEMP: 40-64 °F | START: 0730 | END: 1630 |

**WORK PERFORMED:**

Graded minor windrows within III-4 and along RR ballast as needed.

demob dozer & loaders to ANOTHER project on site.

As-BUILTS on parcel 4B (JTD)

Rob Legrand oversight for BM/TK on parcels ~~III~~-23 where ~~Zoladz~~ working; going forward.

Zoladz - hauling & placing 2" slag w/2 dozers. (PG) surveyor shooting subgrade areas ahead.

TEST PERFORMED:

QA PERSONNEL: [signature]

SIGNATURE:

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ENGINEERING &
SCIENCE, PLLC

DAILY LOG
DATE
NO.
SHEET OF

# FIELD ACTIVITY DAILY LOG

| | |
|---|---|
| PROJECT NAME: Steel Sun 2 - Cover System | PROJECT NO. 0351-016-002 & 003 |
| PROJECT LOCATION: BP III-2 & BP III-3 | CLIENT: |
| FIELD ACTIVITY: | |

**DESCRIPTION OF DAILY ACTIVITIES AND EVENTS:**

| TIME | DESCRIPTION 10/11/16 |
|---|---|
| 7:50 | Arrived onsite<br>Zoladz is hauling slag with 3 trucks and 2 dozers |
| 10:00 | called Zoladz about dust control<br>- requested roads to be watered |
| 3:00 | Neil L. arrived onsite |
| 4:00 | work ended<br>left site |

| | |
|---|---|
| VISITORS ON SITE: | CHANGES FROM PLANS AND SPECIFICATIONS, AND OTHER SPECIAL ORDERS AND IMPORTANT DECISIONS: |
| WEATHER CONDITIONS:<br>A.M.: 51°<br>P.M.: 64° | IMPORTANT TELEPHONE CALLS: |
| PERSONNEL ON SITE: | |
| SIGNATURE [signature] | DATE: 10/11/16 |

BENCHMARK ENVIRONMENTAL ENGINEERING & SCIENCE, PLLC

DAILY LOG | DATE | NO. | SHEET OF

# FIELD ACTIVITY DAILY LOG

| | |
|---|---|
| PROJECT NAME: Steel Sun 2 - Cover System | PROJECT NO. 0351-016-002 & 003 |
| PROJECT LOCATION: BP III-2 & BP III-3 | CLIENT: |
| FIELD ACTIVITY: | |

**DESCRIPTION OF DAILY ACTIVITIES AND EVENTS:**

| TIME | DESCRIPTION 10/12/16 |
|---|---|
| 8:00 | Arrived onsite<br>- Zoladz continuing Slag cover (west to east)<br>- hauling w/ 2 trucks |
| 12:00 | lunch |
| 1:00 | Zoladz added a third truck to haul Slag |
| 4:00 | Worked ended left site |

| | |
|---|---|
| VISITORS ON SITE: | CHANGES FROM PLANS AND SPECIFICATIONS, AND OTHER SPECIAL ORDERS AND IMPORTANT DECISIONS: |
| WEATHER CONDITIONS:<br>A.M.: 61°<br>P.M.: 74° | IMPORTANT TELEPHONE CALLS: |
| PERSONNEL ON SITE: | |
| SIGNATURE [signature] | DATE: 10/12/16 |

BENCHMARK
ENVIRONMENTAL ENGINEERING & SCIENCE, PLLC

DAILY LOG | DATE | NO. | SHEET OF

# FIELD ACTIVITY DAILY LOG

| | |
|---|---|
| PROJECT NAME: Steel Sun 2 - Cover System | PROJECT NO. 0351-016-002 & 003 |
| PROJECT LOCATION: BP III-2 & BP III-3 | CLIENT: |
| FIELD ACTIVITY: | |

**DESCRIPTION OF DAILY ACTIVITIES AND EVENTS:**

| TIME | DESCRIPTION 10/14/16 |
|---|---|
| 8:00 | Arrived onsite material Zoladz hauling ~~slag~~ along the east corner of the parcel using 3 trucks. the material is coming from the Green Lake Sediment Area |
| 11:00 | Zoladz started hauling slag to the site |
| 1:00 | All trucks are hauling slag after lunch |
| 4:00 | End of work left site |

| | |
|---|---|
| VISITORS ON SITE: | CHANGES FROM PLANS AND SPECIFICATIONS, AND OTHER SPECIAL ORDERS AND IMPORTANT DECISIONS: |
| WEATHER CONDITIONS:<br>A.M.: 51°<br>P.M.: 60' | IMPORTANT TELEPHONE CALLS: |
| PERSONNEL ON SITE: | |
| SIGNATURE [signature] | DATE: 10/14/16 |

BENCHMARK
ENVIRONMENTAL
ENGINEERING &
SCIENCE, PLLC

DAILY LOG
DATE
NO.
SHEET OF

# FIELD ACTIVITY DAILY LOG

| | |
|---|---|
| PROJECT NAME: Steel Sun 2 - Cover System | PROJECT NO. 0351-016-002 & 003 |
| PROJECT LOCATION: BP III-2 & BP III-3 | CLIENT: |
| FIELD ACTIVITY: | |

**DESCRIPTION OF DAILY ACTIVITIES AND EVENTS:**

| TIME | DESCRIPTION |
|---|---|
| | 10-17-16 |
| 8:00 | Arrived onsite<br>Zeladz hauling slag using 4 trucks |
| 12:15 | left for lunch<br>Zeladz working through lunch |
| 1:00 | Back onsite<br>- 4 trucks hauling slag |
| 4:00 | work ended<br>left Site |

| | |
|---|---|
| VISITORS ON SITE: | CHANGES FROM PLANS AND SPECIFICATIONS, AND OTHER SPECIAL ORDERS AND IMPORTANT DECISIONS: |
| WEATHER CONDITIONS:<br>A.M.: 63<br>P.M.: 75 | IMPORTANT TELEPHONE CALLS: |
| PERSONNEL ON SITE: | |
| SIGNATURE [signature] | DATE: 10/17/16 |

BENCHMARK
ENVIRONMENTAL
ENGINEERING &
SCIENCE, PLLC

DAILY LOG
DATE
NO.
SHEET OF

# FIELD ACTIVITY DAILY LOG

| | |
|---|---|
| PROJECT NAME: Steel Sun 2 - Cover System | PROJECT NO. 0351-016-002 & 003 |
| PROJECT LOCATION: BP III-2 & BP III-3 | CLIENT: |
| FIELD ACTIVITY: | |

**DESCRIPTION OF DAILY ACTIVITIES AND EVENTS:**

| TIME | DESCRIPTION |
|---|---|
| | 10-18-16 |
| 8:00 | Arrived onsite |
| | Zolade hauling slag using 4 trucks |
| 9:31 | left site to go to another project |
| 12:30 | Arrived back onsite |
| | - Zolade still hauling with four trucks |

| | |
|---|---|
| VISITORS ON SITE: | CHANGES FROM PLANS AND SPECIFICATIONS, AND OTHER SPECIAL ORDERS AND IMPORTANT DECISIONS: |
| WEATHER CONDITIONS:<br>A.M.: 62<br>P.M.: 76 | IMPORTANT TELEPHONE CALLS: |
| PERSONNEL ON SITE: | |
| SIGNATURE [signature] | DATE: 10/18/16 |

# INSPECTOR'S DAILY REPORT

*(CONTINUED)*

Page 1 of 2

| | |
|---|---|
| CONTRACTOR: BM/TK #4 ; Volad 2 #3 | JOB NO.: B0261-016-001 |
| CLIENT: STEEL SUN | DATE: 10/19/16 (Wed) |

**MEETINGS HELD & RESULTS:**

**CONTRACTOR'S WORK FORCE AND EQUIPMENT**

| DESCRIPTION | H | # | DESCRIPTION | H | # | DESCRIPTION | H | # |
|---|---|---|---|---|---|---|---|---|
| Field Engineer | | | | | | Front Loader Ton | 13m | 1 |
| Superintendent | | | | | | Bulldozer | | 2 |
| Laborer-Foreman | | | | | | DJ Dump Truck | | |
| Laborer | | | | | | Water Truck | | |
| Operating Engineer | | | Equipment | | | Backhoe | | |
| Carpenter | | | Generators | | | Excavator | | |
| Ironworker | | | Welding Equipment | | | Pad foot roller | | |
| Concrete Finisher | | | Roller (50) | 1½ | 1 | | | |
| | | | Paving Equipment | | | | | |
| | | | Air Compressor | | | | | |

**REMARKS:**

**REFERENCES TO OTHER FORMS:**

**SAMPLES COLLECTED:**

| | |
|---|---|
| Sample Number: | |
| Approx. Location of Stockpile: | |
| No. of Stockpile | |
| Date of Collection: | |
| Weather: | |
| Field Observations: | |

# INSPECTOR'S DAILY REPORT

Page 2 of 2

| | |
|---|---|
| CONTRACTOR: BM/TK - III-4 ; Toledo III-2,3 | JOB NO: B0261-016-001 |
| CLIENT: STEEL SUN | DATE: 10/19/16 |

| | | | | |
|---|---|---|---|---|
| LOCATION: Parcel III-2,3,4 | | | DAY: Su M Tu (W) Th F Sa | |
| WEATHER: PTLY SUN | WSW-5 MPH | TEMP: 54-68 °F | START: 0730 | END: 1600 |

**WORK PERFORMED:**

BM/TK - Minor dozer grading windrows by southern end III-4 & roadway

Rolled slag in mid-area regraded.

Toledo - III-2,3 Hauled in 2" slag all day and graded w/ 2 dozers & operators. (3-4 trucks running this day w/ slag)

R. LeGrand off-site this day (BM/TK)

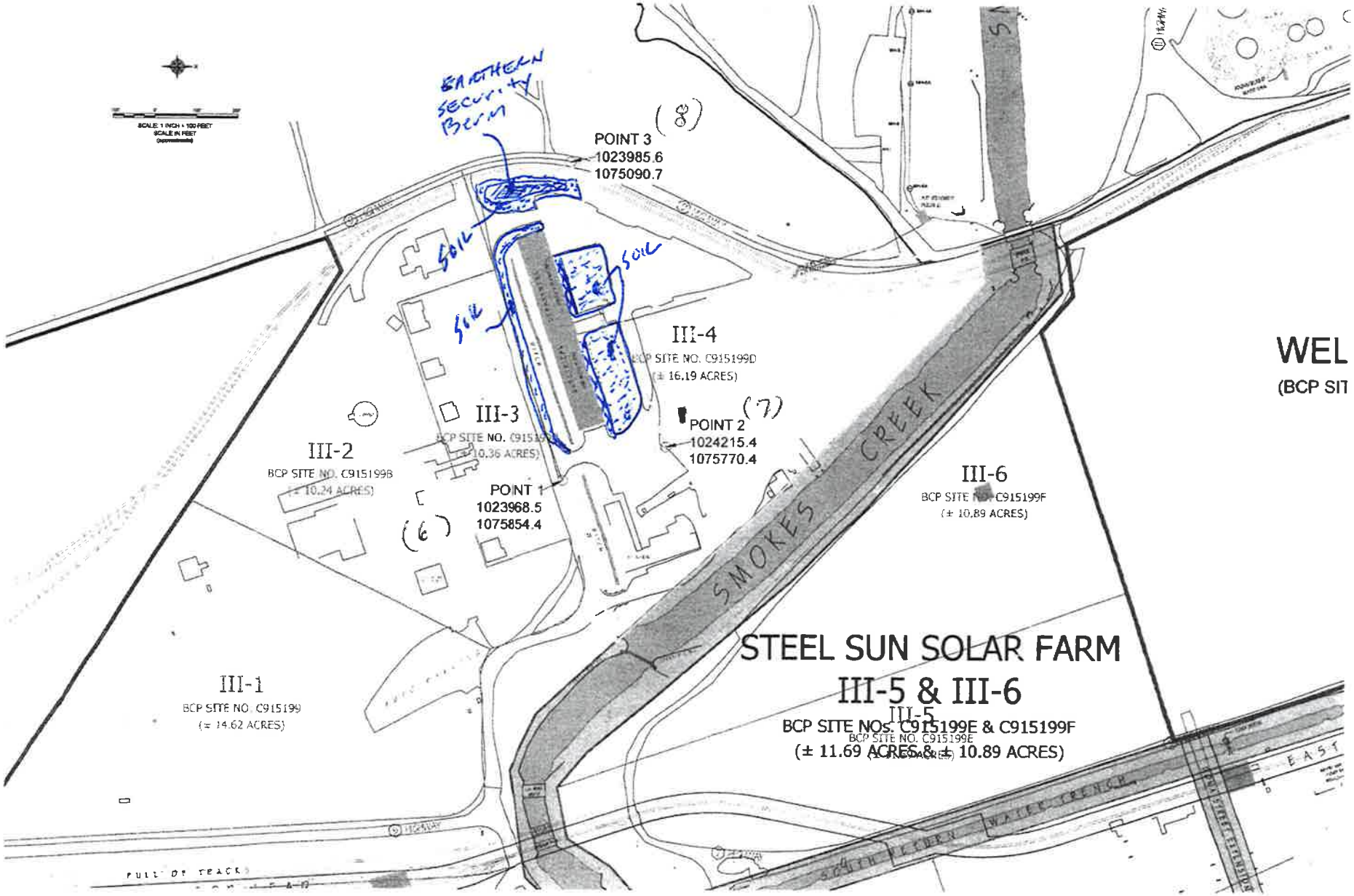
Watered haul roads periodically during day.

TEST PERFORMED:

QA PERSONNEL: [signature]

SIGNATURE:

PARCEL III-4
"SOIL AREAS"



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DAILY LOG
DATE
NO.
SHEET OF

# FIELD ACTIVITY DAILY LOG

| | |
|---|---|
| PROJECT NAME: Steel Sun 2 - Cover System | PROJECT NO. 0351-016-002 & 003 |
| PROJECT LOCATION: BP III-2 & BP III-3 | CLIENT: |
| FIELD ACTIVITY: | |

**DESCRIPTION OF DAILY ACTIVITIES AND EVENTS:**

| TIME | DESCRIPTION |
|---|---|
| | 10/20/16 |
| 8:00 | Arrived onsite<br>Loade hauling Slag using 4 trucks |
| 12:00 | left for lunch |
| 12:45 | Arrived back onsite |
| 4:00 | work ended<br>left site |

| | |
|---|---|
| VISITORS ON SITE: | CHANGES FROM PLANS AND SPECIFICATIONS, AND OTHER SPECIAL ORDERS AND IMPORTANT DECISIONS: |
| WEATHER CONDITIONS:<br>A.M.: 54° rain<br>P.M.: 56° rain | IMPORTANT TELEPHONE CALLS: |
| PERSONNEL ON SITE: | |
| SIGNATURE [signature] | DATE: 10/20/16 |

BENCHMARK
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SCIENCE, PLLC

| DAILY LOG | |
|---|---|
| DATE | |
| NO. | |
| SHEET | OF |

# FIELD ACTIVITY DAILY LOG

| PROJECT NAME: Steel Sun 2 - Cover System | PROJECT NO. 0351-016-002 & 003 |
|---|---|
| PROJECT LOCATION: BP III-2 & BP III-3 | CLIENT: |
| FIELD ACTIVITY: | |

**DESCRIPTION OF DAILY ACTIVITIES AND EVENTS:**

| TIME | DESCRIPTION |
|---|---|
| | 10/21/16 |
| 8:00 | Arrived onsite - raining<br>Zoladz hauling slag with 2 off road trucks |
| 8:10 | went to Riverlend |
| 3:30 | Arrived back onsite - Zoladz still hauling slag |
| 4:10 | work ended<br>left site |

| VISITORS ON SITE: | CHANGES FROM PLANS AND SPECIFICATIONS, AND OTHER SPECIAL ORDERS AND IMPORTANT DECISIONS: |
|---|---|
| | |
| WEATHER CONDITIONS:<br>A.M.: 43 rain<br>P.M.: 47 rain | IMPORTANT TELEPHONE CALLS: |

PERSONNEL ON SITE:

SIGNATURE [signature] DATE: 10/21/16

BENCHMARK
ENVIRONMENTAL ENGINEERING & SCIENCE, PLLC

| DAILY LOG | DATE |
|---|---|
| | NO. |
| | SHEET OF |

# FIELD ACTIVITY DAILY LOG

| PROJECT NAME: Steel Sun 2 - Cover System | PROJECT NO. 0351-016-002 & 003 |
|---|---|
| PROJECT LOCATION: BP III-2 & BP III-3 | CLIENT: |
| FIELD ACTIVITY: | |

**DESCRIPTION OF DAILY ACTIVITIES AND EVENTS:**

| TIME | DESCRIPTION |
|---|---|
| | 10/24/16 |
| 8:00 | Arrived on-site<br>Zoladz hauling slag using 2 off-road trucks and leveling with 1 dozer |
| 12:00 | left for lunch |
| 1:00 | Back on-site<br>Zoladz pushed tire pile onto lumber yard property |
| 4:00 | work ended<br>left site |

| VISITORS ON SITE: | CHANGES FROM PLANS AND SPECIFICATIONS, AND OTHER SPECIAL ORDERS AND IMPORTANT DECISIONS: |
|---|---|
| WEATHER CONDITIONS:<br>A.M.: 43°<br>P.M.: 51° | IMPORTANT TELEPHONE CALLS: |
| PERSONNEL ON SITE: | |
| SIGNATURE [signature] | DATE: 10/24/16 |

BENCHMARK
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| DAILY LOG | DATE |
|---|---|
| | NO. |
| | SHEET OF |

# FIELD ACTIVITY DAILY LOG

| PROJECT NAME: Steel Sun 2 - Cover System | PROJECT NO. 0351-016-002 & 003 |
|---|---|
| PROJECT LOCATION: BP III-2 & BP III-3 | CLIENT: |
| FIELD ACTIVITY: | |

**DESCRIPTION OF DAILY ACTIVITIES AND EVENTS:**

| TIME | DESCRIPTION |
|---|---|
| | 10/25/16 |
| 8:00 | Arrived on site<br>Zoladz hauling slag using 2 trucks |
| 2:00 | Zoladz finished covering the de-mark with slag. They continued to haul slag to low areas |
| 4:00 | work finished<br>left site |

| VISITORS ON SITE: | CHANGES FROM PLANS AND SPECIFICATIONS, AND OTHER SPECIAL ORDERS AND IMPORTANT DECISIONS: |
|---|---|
| | |

| WEATHER CONDITIONS: | IMPORTANT TELEPHONE CALLS: |
|---|---|
| A.M.: 42° | |
| P.M.: 51° | |

PERSONNEL ON SITE:

SIGNATURE [signature] DATE: 10/25/16

BENCHMARK
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| DAILY LOG | DATE |
|---|---|
| | NO. |
| | SHEET OF |

# FIELD ACTIVITY DAILY LOG

| PROJECT NAME: Steel Sun 2 - Cover System | PROJECT NO. 0351-016-002 & 003 |
|---|---|
| PROJECT LOCATION: BP III-2 & BP III-3 | CLIENT: |
| FIELD ACTIVITY: | |

**DESCRIPTION OF DAILY ACTIVITIES AND EVENTS:**

| TIME | DESCRIPTION |
|---|---|
| | 10/26/16 |
| 8:00 | Arrived on site Zoladz hauling ~~no~~ cover material from Green Lakes Sediment area with 2 off-road trucks Zoladz bulldozed a path along the area between the lumber yard and railroad tracks |
| 10:30 | Zoladz added 3 more trucks hauling slag and a second bulldozer |
| 3:30 | Zoladz completed hauling material along northeast corner of parcel III-2 |
| 4:10 | ~~work~~ left the Site |

| VISITORS ON SITE: | CHANGES FROM PLANS AND SPECIFICATIONS, AND OTHER SPECIAL ORDERS AND IMPORTANT DECISIONS: |
|---|---|
| WEATHER CONDITIONS:<br>A.M.: 46<br>P.M.: 52 | IMPORTANT TELEPHONE CALLS: |
| PERSONNEL ON SITE: | |
| SIGNATURE [signature] | DATE: 10/26/16 |

BENCHMARK
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ENGINEERING &
SCIENCE, PLLC

DAILY LOG
DATE
NO.
SHEET OF

# FIELD ACTIVITY DAILY LOG

| | |
|---|---|
| PROJECT NAME: Steel Sun 2 - Cover System | PROJECT NO. 0351-016-002 & 003 |
| PROJECT LOCATION: BP III-2 & BP III-3 | CLIENT: |
| FIELD ACTIVITY: | |

**DESCRIPTION OF DAILY ACTIVITIES AND EVENTS:**

| TIME | DESCRIPTION |
|---|---|
| | 10/31/16 |
| 8:00 | arrived onsite. Zoladz not onsite yet. I met with John D. about remaining work. |
| 9:00 | Zoladz arrived onsite. Hauling Slag along the west side near railroad tracks. |
| 1:00 | Zoladz adding Slag to area on the east side of the parcel where Surveyor identified low areas |
| 3:00 | Filled in low spot on South side of the parcel |

| | |
|---|---|
| VISITORS ON SITE: | CHANGES FROM PLANS AND SPECIFICATIONS, AND OTHER SPECIAL ORDERS AND IMPORTANT DECISIONS: |
| WEATHER CONDITIONS:<br>A.M.: 76<br>P.M.: 50 | IMPORTANT TELEPHONE CALLS: |
| PERSONNEL ON SITE: | |
| SIGNATURE [signature] | DATE: 10/31/16 |

# APPENDIX G

## PROJECT PHOTO LOG

BENCHMARK ENVIRONMENTAL ENGINEERING & SCIENCE, PLLC

# PHOTOGRAPHIC LOG

| Client Name: | Site Location: | Project No.: |
|---|---|---|
| Steel Sun 2 LLC | Site III-2 (C915199B) and III-3 (C915199C) | 0351-016-002/003 |

| Photo No. | Date |
|---|---|
| 1 | 10/31/16 |

**Direction Photo Taken:**
South

**Description:**
Slag cover south of Electrical Stores building.



| Photo No. | Date |
|---|---|
| 2 | 10/20/16 |

**Direction Photo Taken:**
West

**Description:**
Slag cover.





*Prepared By:* CMC

BENCHMARK ENVIRONMENTAL ENGINEERING & SCIENCE, PLLC

# PHOTOGRAPHIC LOG

| Client Name: | Site Location: | Project No.: |
|---|---|---|
| Steel Sun 2 LLC | Site III-2 (C915199B) and III-3 (C915199C) | 0351-016-002/003 |

| Photo No. | Date |
|---|---|
| 3 | 10/20/16 |

**Direction Photo Taken:**
West

**Description:**
Slag cover.



| Photo No. | Date |
|---|---|
| 4 | 10/20/16 |

**Direction Photo Taken:**
West

**Description:**
Suspect ACM area to be covered with 2' of slag.





*Prepared By:* CMC

BENCHMARK ENVIRONMENTAL ENGINEERING & SCIENCE, PLLC

# PHOTOGRAPHIC LOG

| Client Name: | Site Location: | Project No.: |
|---|---|---|
| Steel Sun 2 LLC | Site III-2 (C915199B) and III-3 (C915199C) | 0351-016-002/003 |

| Photo No. | Date |
|---|---|
| 5 | 10/20/16 |

**Direction Photo Taken:**
South

**Description:**
Slag cover.



| Photo No. | Date |
|---|---|
| 6 | 10/20/16 |

**Direction Photo Taken:**
West

**Description:**
Slag cover.





*Prepared By:* CMC

BENCHMARK ENVIRONMENTAL ENGINEERING & SCIENCE, PLLC

# PHOTOGRAPHIC LOG

| Client Name: | Site Location: | Project No.: |
|---|---|---|
| Steel Sun 2 LLC | Site III-2 (C915199B) and III-3 (C915199C) | 0351-016-002/003 |

| Photo No. | Date |
|---|---|
| 7 | 10/20/16 |

**Direction Photo Taken:**
East

**Description:**
Demarcation on east side of the parcel.



| Photo No. | Date |
|---|---|
| 8 | 10/20/16 |

**Direction Photo Taken:**
East

**Description:**
Demarcation and soil cover on east side of the parcel.





*Prepared By:* CMC

BENCHMARK ENVIRONMENTAL ENGINEERING & SCIENCE, PLLC

# PHOTOGRAPHIC LOG

| Client Name: | Site Location: | Project No.: |
|---|---|---|
| Steel Sun 2 LLC | Site III-2 (C915199B) and III-3 (C915199C) | 0351-016-002/003 |

| Photo No. | Date |
|---|---|
| 9 | 10/20/16 |

**Direction Photo Taken:**
East

**Description:**
Demarcation and soil cover on east side of the parcel



| Photo No. | Date |
|---|---|
| 10 | 10/20/16 |

**Direction Photo Taken:**
East

**Description:**
Demarcation and soil cover on east side of the parcel.





*Prepared By:* CMC

BENCHMARK ENVIRONMENTAL ENGINEERING & SCIENCE, PLLC

# PHOTOGRAPHIC LOG

| Client Name: | Site Location: | Project No.: |
|---|---|---|
| Steel Sun 2 LLC | Site III-2 (C915199B) and III-3 (C915199C) | 0351-016-002/003 |

| Photo No. | Date |
|---|---|
| 11 | 10/20/16 |

**Direction Photo Taken:**
West

**Description:**
Demarcation and slag cover.



| Photo No. | Date |
|---|---|
| 12 | 10/20/16 |

**Direction Photo Taken:**
East

**Description:**
Demarcation and slag cover.





*Prepared By:* CMC

BENCHMARK ENVIRONMENTAL ENGINEERING & SCIENCE, PLLC

# PHOTOGRAPHIC LOG

| Client Name: | Site Location: | Project No.: |
|---|---|---|
| Steel Sun 2 LLC | Site III-2 (C915199B) and III-3 (C915199C) | 0351-016-002/003 |

| Photo No. | Date |
|---|---|
| 13 | 10/20/16 |

**Direction Photo Taken:**
East

**Description:**
Slag cover.



| Photo No. | Date |
|---|---|
| 14 | 10/20/16 |

**Direction Photo Taken:**
East

**Description:**
Slag cover.





*Prepared By:* CMC

BENCHMARK ENVIRONMENTAL ENGINEERING & SCIENCE, PLLC

# PHOTOGRAPHIC LOG

| Client Name: | Site Location: | Project No.: |
|---|---|---|
| Steel Sun 2 LLC | Site III-2 (C915199B) and III-3 (C915199C) | 0351-016-002/003 |

| Photo No. | Date |
|---|---|
| 15 | 10/20/16 |

**Direction Photo Taken:**
North

**Description:**
Slag cover looking north towards Electrical Storage.



| Photo No. | Date |
|---|---|
| 16 | 10/31/16 |

**Direction Photo Taken:**
West

**Description:**
Slag cover on the east side of the parcel.





*Prepared By:* CMC

BENCHMARK ENVIRONMENTAL ENGINEERING & SCIENCE, PLLC

# PHOTOGRAPHIC LOG

| Client Name: | Site Location: | Project No.: |
|---|---|---|
| Steel Sun 2 LLC | Site III-2 (C915199B) and III-3 (C915199C) | 0351-016-002/003 |

| Photo No. | Date |
|---|---|
| 17 | 10/31/16 |

**Direction Photo Taken:**
South

**Description:**
Slag cover.



| Photo No. | Date |
|---|---|
| 18 | 10/31/16 |

**Direction Photo Taken:**
West

**Description:**
Slag cover along lumber yard property.





*Prepared By:* CMC

BENCHMARK ENVIRONMENTAL ENGINEERING & SCIENCE, PLLC

# PHOTOGRAPHIC LOG

| Client Name: | Site Location: | Project No.: |
|---|---|---|
| Steel Sun 2 LLC | Site III-2 (C915199B) and III-3 (C915199C) | 0351-016-002/003 |

| Photo No. | Date |
|---|---|
| 19 | 10/31/16 |

**Direction Photo Taken:**
West

**Description:**
Slag cover along east side of the parcel.



| Photo No. | Date |
|---|---|
| 20 | 10/31/16 |

**Direction Photo Taken:**
Northwest

**Description:**
Demarcation and soil cover on east side of the parcel.





*Prepared By:* CMC

BENCHMARK ENVIRONMENTAL ENGINEERING & SCIENCE, PLLC

# PHOTOGRAPHIC LOG

| Client Name: | Site Location: | Project No.: |
|---|---|---|
| Steel Sun 2 LLC | Site III-2 (C915199B) and III-3 (C915199C) | 0351-016-002/003 |

| Photo No. | Date |
|---|---|
| 21 | 10/31/16 |

**Direction Photo Taken:**
North

**Description:**
Final soil cover on east side of the parcel.



| Photo No. | Date |
|---|---|
| 22 | 10/31/16 |

**Direction Photo Taken:**
West

**Description:**
Demarcation on west side of the parcel.





*Prepared By:* CMC

BENCHMARK ENVIRONMENTAL ENGINEERING & SCIENCE, PLLC

# PHOTOGRAPHIC LOG

| Client Name: | Site Location: | Project No.: |
|---|---|---|
| Steel Sun 2 LLC | Site III-2 (C915199B) and III-3 (C915199C) | 0351-016-002/003 |

| Photo No. | Date |
|---|---|
| 23 | 10/31/16 |

**Direction Photo Taken:**
West

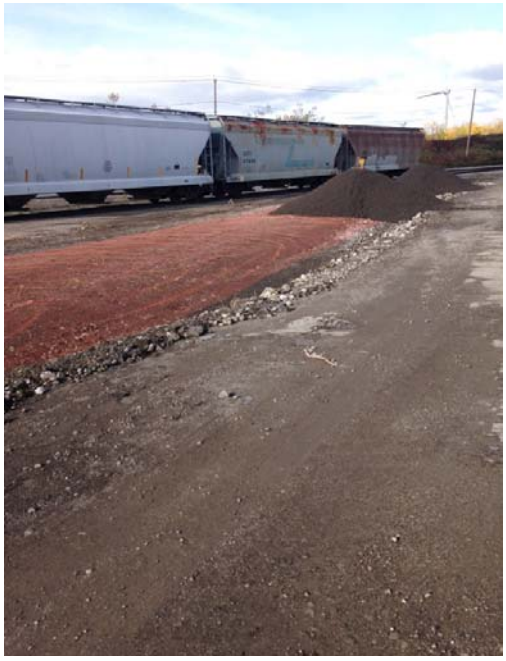
**Description:**
Demarcation and soil cover on west side of the parcel.



| Photo No. | Date |
|---|---|
| 24 | 10/31/16 |

**Direction Photo Taken:**
West

**Description:**
Demarcation and soil cover on east side of the parcel.





*Prepared By:* CMC

BENCHMARK ENVIRONMENTAL ENGINEERING & SCIENCE, PLLC

# PHOTOGRAPHIC LOG

| Client Name: | Site Location: | Project No.: |
|---|---|---|
| Steel Sun 2 LLC | Site III-2 (C915199B) and III-3 (C915199C) | 0351-016-002/003 |

| Photo No. | Date |
|---|---|
| 25 | 10/31/16 |

**Direction Photo Taken:**
East

**Description:**
Finished slag cover.



| Photo No. | Date |
|---|---|
| 26 | 10/31/16 |

**Direction Photo Taken:**
East

**Description:**
Finished slag cover along lumber yard.





*Prepared By:* CMC

BENCHMARK ENVIRONMENTAL ENGINEERING & SCIENCE, PLLC

# PHOTOGRAPHIC LOG

| Client Name: | Site Location: | Project No.: |
|---|---|---|
| Steel Sun 2 LLC | Site III-2 (C915199B) and III-3 (C915199C) | 0351-016-002/003 |

| Photo No. | Date |
|---|---|
| 27 | 10/27/16 |

**Direction Photo Taken:**
South

**Description:**
Demarcation staging between the asphalt roadway and railroad (Coke Yard).



| Photo No. | Date |
|---|---|
| 28 | 10/27/16 |

**Direction Photo Taken:**
South

**Description:**
Demarcation staging between the asphalt roadway and railroad (Coke Yard).





*Prepared By:* CMC

BENCHMARK ENVIRONMENTAL ENGINEERING & SCIENCE, PLLC

# PHOTOGRAPHIC LOG

| Client Name: | Site Location: | Project No.: |
|---|---|---|
| Steel Sun 2 LLC | Site III - 4 (C915199D) | 0261-016-001 |

| Photo No. | Date |
|---|---|
| 29 | 10/27/16 |

**Direction Photo Taken:**
Northwest

**Description:**
Lumber Yard staging area slag cover placement



| Photo No. | Date |
|---|---|
| 30 | 10/31/16 |

**Direction Photo Taken:**
North

**Description:**
Final soil cover on east side of the parcel with hydro-seed cover.





*Prepared By:* CMC

BENCHMARK ENVIRONMENTAL ENGINEERING & SCIENCE, PLLC

# PHOTOGRAPHIC LOG

| Client Name: | Site Location: | Project No.: |
|---|---|---|
| Steel Sun 2 LLC | Site III-2 (C915199B) and III-3 (C915199C) | 0351-016-002/003 |

| Photo No. | Date |
|---|---|
| 31 | 10/31/16 |

**Direction Photo Taken:**
South

**Description:**
Final soil cover on east side of the parcel with hydro-seed cover.



| Photo No. | Date |
|---|---|
| 32 | 10/31/16 |

**Direction Photo Taken:**
East

**Description:**
Final soil cover on east side of the parcel with hydro-seed cover.





*Prepared By:* CMC

BENCHMARK ENVIRONMENTAL ENGINEERING & SCIENCE, PLLC

# PHOTOGRAPHIC LOG

| Client Name: | Site Location: | Project No.: |
|---|---|---|
| Steel Sun 2 LLC | Site III-2 (C915199B) and III-3 (C915199C) | 0351-016-002/003 |

| Photo No. | Date |
|---|---|
| 33 | 10/31/16 |

**Direction Photo Taken:**
Northwest

**Description:**
Area on east side of the parcel that needed additional slag cover.



| Photo No. | Date |
|---|---|
| 34 | 10/31/16 |

**Direction Photo Taken:**
West

**Description:**
Finished slag cover.





*Prepared By:* CMC

BENCHMARK ENVIRONMENTAL ENGINEERING & SCIENCE, PLLC

# PHOTOGRAPHIC LOG

| Client Name: | Site Location: | Project No.: |
|---|---|---|
| Steel Sun 2 LLC | Site III-2 (C915199B) and III-3 (C915199C) | 0351-016-002/003 |

| Photo No. | Date |
|---|---|
| 1 | 11/11/16 |

**Direction Photo Taken:**
South

**Description:**
Drainage along road into Lumber Yard



| Photo No. | Date |
|---|---|
| 2 | 11/11/16 |

**Direction Photo Taken:**
South

**Description:**
Drainage along road into Lumber Yard





*Prepared By:* *RPL*

BENCHMARK ENVIRONMENTAL ENGINEERING & SCIENCE, PLLC

# PHOTOGRAPHIC LOG

| Client Name: | Site Location: | Project No.: |
|---|---|---|
| Steel Sun 2 LLC | Site III-2 (C915199B) and III-3 (C915199C) | 0351-016-002/003 |

| Photo No. | Date |
|---|---|
| 3 | 11/11/16 |

**Direction Photo Taken:**
South

**Description:**
Stone used to create French Drain



| Photo No. | Date |
|---|---|
| 4 | 11/11/16 |

**Direction Photo Taken:**
South

**Description:**
South end of road into Lumber Yard; graded drainage stone





*Prepared By:* *RPL*

BENCHMARK ENVIRONMENTAL ENGINEERING & SCIENCE, PLLC

# PHOTOGRAPHIC LOG

| Client Name: | Site Location: | Project No.: |
|---|---|---|
| Steel Sun 2 LLC | Site III-2 (C915199B) and III-3 (C915199C) | 0351-016-002/003 |

| Photo No. | Date |
|---|---|
| 5 | 11/11/16 |

**Direction Photo Taken:**
North

**Description:**
Closer look at drainage stone on the south end



| Photo No. | Date |
|---|---|
| 6 | 11/04/16 |

**Direction Photo Taken:**
North

**Description:**
South end of road into Lumber Yard





*Prepared By:* *RPL*

BENCHMARK ENVIRONMENTAL ENGINEERING & SCIENCE, PLLC

# PHOTOGRAPHIC LOG

| Client Name: | Site Location: | Project No.: |
|---|---|---|
| Steel Sun 2 LLC | Site III-2 (C915199B) and III-3 (C915199C) | 0351-016-002/003 |

| Photo No. | Date |
|---|---|
| 7 | 11/11/16 |

**Direction Photo Taken:**
East

**Description:**
Drainage stone



| Photo No. | Date |
|---|---|
| 8 | 11/11/16 |

**Direction Photo Taken:**
North

**Description:**
Road into Lumber Yard





*Prepared By:* *RPL*

BENCHMARK ENVIRONMENTAL ENGINEERING & SCIENCE, PLLC

# PHOTOGRAPHIC LOG

| Client Name: | Site Location: | Project No.: |
|---|---|---|
| Steel Sun 2 LLC | Site III-2 (C915199B) and III-3 (C915199C) | 0351-016-002/003 |

| Photo No. | Date |
|---|---|
| 1 | 11/04/16 |

**Direction Photo Taken:**
East

**Description:**
Milling Hwy 5 near Lumber Yard



| Photo No. | Date |
|---|---|
| 2 | 11/04/16 |

**Direction Photo Taken:**
East

**Description:**
Millings used to fill in low spots





*Prepared By:* *RPL*

BENCHMARK ENVIRONMENTAL ENGINEERING & SCIENCE, PLLC

# PHOTOGRAPHIC LOG

| Client Name: | Site Location: | Project No.: |
|---|---|---|
| Steel Sun 2 LLC | Site III-2 (C915199B) and III-3 (C915199C) | 0351-016-002/003 |

| Photo No. | Date |
|---|---|
| 3 | 11/04/16 |

**Direction Photo Taken:**
East

**Description:**
Road milled and re-graded



| Photo No. | Date |
|---|---|
| 4 | 11/04/16 |

**Direction Photo Taken:**
North

**Description:**
Road milled and re-graded





*Prepared By:* *RPL*

BENCHMARK ENVIRONMENTAL ENGINEERING & SCIENCE, PLLC

# PHOTOGRAPHIC LOG

| Client Name: | Site Location: | Project No.: |
|---|---|---|
| Steel Sun 2 LLC | Site III-2 (C915199B) and III-3 (C915199C) | 0351-016-002/003 |

| Photo No. | Date |
|---|---|
| 5 | 11/04/16 |

**Direction Photo Taken:**
West

**Description:**
Milling Hwy 5 near Electrical Stores



| Photo No. | Date |
|---|---|
| 6 | 11/04/16 |

**Direction Photo Taken:**
West

**Description:**
Milling Hwy 5 near Electrical Stores





*Prepared By:* *RPL*

BENCHMARK ENVIRONMENTAL ENGINEERING & SCIENCE, PLLC

# PHOTOGRAPHIC LOG

| Client Name: | Site Location: | Project No.: |
|---|---|---|
| Steel Sun 2 LLC | Site III-2 (C915199B) and III-3 (C915199C) | 0351-016-002/003 |

| Photo No. | Date |
|---|---|
| 7 | 11/04/16 |

**Direction Photo Taken:**
Northwest

**Description:**
Closer look at milled asphalt



| Photo No. | Date |
|---|---|
| 8 | 11/04/16 |

**Direction Photo Taken:**
West

**Description:**
Milling Hwy 5 near Electrical Stores





*Prepared By:* RPL

BENCHMARK ENVIRONMENTAL ENGINEERING & SCIENCE, PLLC

# PHOTOGRAPHIC LOG

| Client Name: | Site Location: | Project No.: |
|---|---|---|
| Steel Sun 2 LLC | Site III-2 (C915199B) and III-3 (C915199C) | 0351-016-002/003 |

| Photo No. | Date |
|---|---|
| 9 | 11/04/16 |

**Direction Photo Taken:**
West

**Description:**
Milling Hwy 5 near Electrical Stores



| Photo No. | Date |
|---|---|
| 10 | 11/04/16 |

**Direction Photo Taken:**
South

**Description:**
Entrance to Electrical Stores





*Prepared By:* *RPL*

BENCHMARK ENVIRONMENTAL ENGINEERING & SCIENCE, PLLC

# PHOTOGRAPHIC LOG

| Client Name: | Site Location: | Project No.: |
|---|---|---|
| Steel Sun 2 LLC | Site III-2 (C915199B) and III-3 (C915199C) | 0351-016-002/003 |

| Photo No. | Date |
|---|---|
| 11 | 11/04/16 |

**Direction Photo Taken:**
Southeast

**Description:**
Entrance to Electrical Stores



| Photo No. | Date |
|---|---|
| 12 | 11/04/16 |

**Direction Photo Taken:**
South

**Description:**
Milling on Hwy 9





*Prepared By:* *RPL*

BENCHMARK ENVIRONMENTAL ENGINEERING & SCIENCE, PLLC

# PHOTOGRAPHIC LOG

| Client Name: | Site Location: | Project No.: |
|---|---|---|
| Steel Sun 2 LLC | Site III-2 (C915199B) and III-3 (C915199C) | 0351-016-002/003 |

| Photo No. | Date |
|---|---|
| 13 | 11/04/16 |

**Direction Photo Taken:**
North

**Description:**
Areas on Hwy 9 to be milled



| Photo No. | Date |
|---|---|
| 14 | 11/04/16 |

**Direction Photo Taken:**
North

**Description:**
Closer look at milling on Hwy 9





*Prepared By:* *RPL*

BENCHMARK ENVIRONMENTAL ENGINEERING & SCIENCE, PLLC

# PHOTOGRAPHIC LOG

| Client Name: | Site Location: | Project No.: |
|---|---|---|
| Steel Sun 2 LLC | Site III-2 (C915199B) and III-3 (C915199C) | 0351-016-002/003 |

| Photo No. | Date |
|---|---|
| 15 | 11/04/16 |

**Direction Photo Taken:**
North

**Description:**
Milling on Hwy 9 near ATP and bridge



| Photo No. | Date |
|---|---|
| 16 | 11/04/16 |

**Direction Photo Taken:**
North

**Description:**
Paving on Hwy 9 near ATP treatment building





*Prepared By:* RPL

BENCHMARK ENVIRONMENTAL ENGINEERING & SCIENCE, PLLC

# PHOTOGRAPHIC LOG

| Client Name: | Site Location: | Project No.: |
|---|---|---|
| Steel Sun 2 LLC | Site III-2 (C915199B) and III-3 (C915199C) | 0351-016-002/003 |

| Photo No. | Date |
|---|---|
| 17 | 11/04/16 |

**Direction Photo Taken:**
West

**Description:**
Paving Hwy 9 - facing ATP



| Photo No. | Date |
|---|---|
| 18 | 11/07/16 |

**Direction Photo Taken:**
Southeast

**Description:**
Paving Hwy 5 near Lumber Yard





*Prepared By:* RPL

BENCHMARK ENVIRONMENTAL ENGINEERING & SCIENCE, PLLC

# PHOTOGRAPHIC LOG

| Client Name: | Site Location: | Project No.: |
|---|---|---|
| Steel Sun 2 LLC | Site III-2 (C915199B) and III-3 (C915199C) | 0351-016-002/003 |

| Photo No. | Date |
|---|---|
| 19 | 11/07/16 |

**Direction Photo Taken:**
East

**Description:**
Paving Hwy 5 near Lumber Yard



| Photo No. | Date |
|---|---|
| 20 | 11/07/16 |

**Direction Photo Taken:**
Northwest

**Description:**
Paving Hwy 5 approaching Electrical Stores





*Prepared By:* *RPL*

BENCHMARK ENVIRONMENTAL ENGINEERING & SCIENCE, PLLC

# PHOTOGRAPHIC LOG

| Client Name: | Site Location: | Project No.: |
|---|---|---|
| Steel Sun 2 LLC | Site III-2 (C915199B) and III-3 (C915199C) | 0351-016-002/003 |

| Photo No. | Date |
|---|---|
| 21 | 11/07/16 |

**Direction Photo Taken:**
West

**Description:**
Paving Hwy 5 near Electrical Stores



| Photo No. | Date |
|---|---|
| 22 | 11/07/16 |

**Direction Photo Taken:**
West

**Description:**
Paving Hwy 5 near Electrical Stores





*Prepared By:* *RPL*

BENCHMARK ENVIRONMENTAL ENGINEERING & SCIENCE, PLLC

# PHOTOGRAPHIC LOG

| Client Name: | Site Location: | Project No.: |
|---|---|---|
| Steel Sun 2 LLC | Site III-2 (C915199B) and III-3 (C915199C) | 0351-016-002/003 |

| Photo No. | Date |
|---|---|
| 23 | 11/07/16 |

**Direction Photo Taken:**
East

**Description:**
Paving Hwy 5 at Electrical Store entrance



| Photo No. | Date |
|---|---|
| 24 | 11/07/16 |

**Direction Photo Taken:**
Northeast

**Description:**
Paving Hwy 5 near Electrical Store





*Prepared By:* RPL

BENCHMARK ENVIRONMENTAL ENGINEERING & SCIENCE, PLLC

# PHOTOGRAPHIC LOG

| Client Name: | Site Location: | Project No.: |
|---|---|---|
| Steel Sun 2 LLC | Site III-2 (C915199B) and III-3 (C915199C) | 0351-016-002/003 |

| Photo No. | Date |
|---|---|
| 25 | 11/07/16 |

**Direction Photo Taken:**
North

**Description:**
Paving Hwy 5 near Electrical Stores



| Photo No. | Date |
|---|---|
| 26 | 11/07/16 |

**Direction Photo Taken:**
Northwest

**Description:**
Paving Hwy 5 near Electrical Stores





*Prepared By:* *RPL*

BENCHMARK ENVIRONMENTAL ENGINEERING & SCIENCE, PLLC

# PHOTOGRAPHIC LOG

| Client Name: | Site Location: | Project No.: |
|---|---|---|
| Steel Sun 2 LLC | Site III-2 (C915199B) and III-3 (C915199C) | 0351-016-002/003 |

| Photo No. | Date |
|---|---|
| 27 | 11/07/16 |

**Direction Photo Taken:**
Northwest

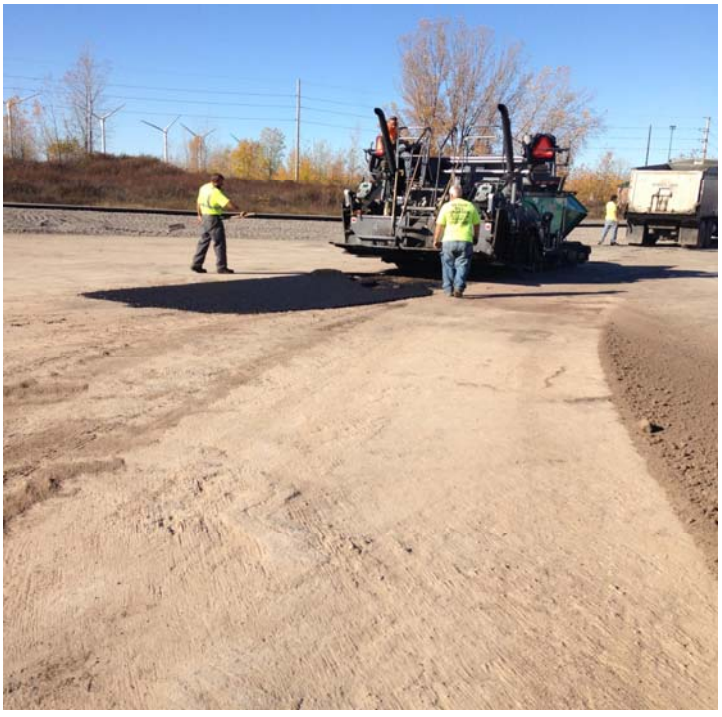
**Description:**
Paving Hwy 5 near Electrical Stores



| Photo No. | Date |
|---|---|
| 28 | 11/07/16 |

**Direction Photo Taken:**
North

**Description:**
Paving at Electrical Stores entrance





*Prepared By:* RPL

BENCHMARK ENVIRONMENTAL ENGINEERING & SCIENCE, PLLC

# PHOTOGRAPHIC LOG

| Client Name: | Site Location: | Project No.: |
|---|---|---|
| Steel Sun 2 LLC | Site III-2 (C915199B) and III-3 (C915199C) | 0261-016-001 |

| Photo No. | Date |
|---|---|
| 29 | 10/27/16 |

**Direction Photo Taken:**
West

**Description:**
Paving at Electrical Stores entrance



| Photo No. | Date |
|---|---|
| 30 | 11/07/16 |

**Direction Photo Taken:**
North

**Description:**
Paving on Hwy 9





*Prepared By:* RPL

BENCHMARK ENVIRONMENTAL ENGINEERING & SCIENCE, PLLC

# PHOTOGRAPHIC LOG

| Client Name: | Site Location: | Project No.: |
|---|---|---|
| Steel Sun 2 LLC | Site III-2 (C915199B) and III-3 (C915199C) | 0351-016-002/003 |

| Photo No. | Date |
|---|---|
| 31 | 11/07/16 |

**Direction Photo Taken:**
South

**Description:**
Paving on Hwy 9





*Prepared By:* *RPL*

# APPENDIX H

## ENVIRONMENTAL CONTROLS
## AS-BUILT DRAWING AND DOCUMENTATION

LEGEND:

- BUSINESS PARK BOUNDARY
- SITE III-2 & III-3 BOUNDARIES
- SUB-PARCEL III-3 A BOUNDARY
- EXISTING BUILDING / STRUCTURE
- RAILROAD TRACK
- EXISTING ASPHALT PAVEMENT
- 1' BUD-APPROVED SLAG COVER OVER DEMARCATION LAYER
- 1' APPROVED SOIL COVER OVER DEMARCATION LAYER (SEEDED)
- 2' BUD-APPROVED SLAG COVER OVER DEMARCATION LAYER (SUSPECTED ACM AREA)
- BUD-APPROVED SLAG COVER OVER EXISTING ASPHALT (SLAG ADDED TO TRANSITION TO EXISTING GRADES)
- FRENCH DRAIN LOCATION
- X — MAIN SLAG AREA CAP THICKNESS MEASUREMENT POINT
- X — SUSPECTED ASBESTOS AREA CAP THICKNESS MEASUREMENT POINT

## COVER SYSTEM DETAILS

NTS

VEGETATED SOIL COVER SYSTEM DETAIL




NO. 2 BUD-APPROVED SLAG COVER SYSTEM DETAIL




DEMARCATION LAYER

EXISTING ASPHALT COVER SYSTEM DETAIL



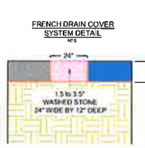

NO. 2 BUD-APPROVED SLAG COVER SYSTEM DETAIL OVER SUSPECTED ACM AREA

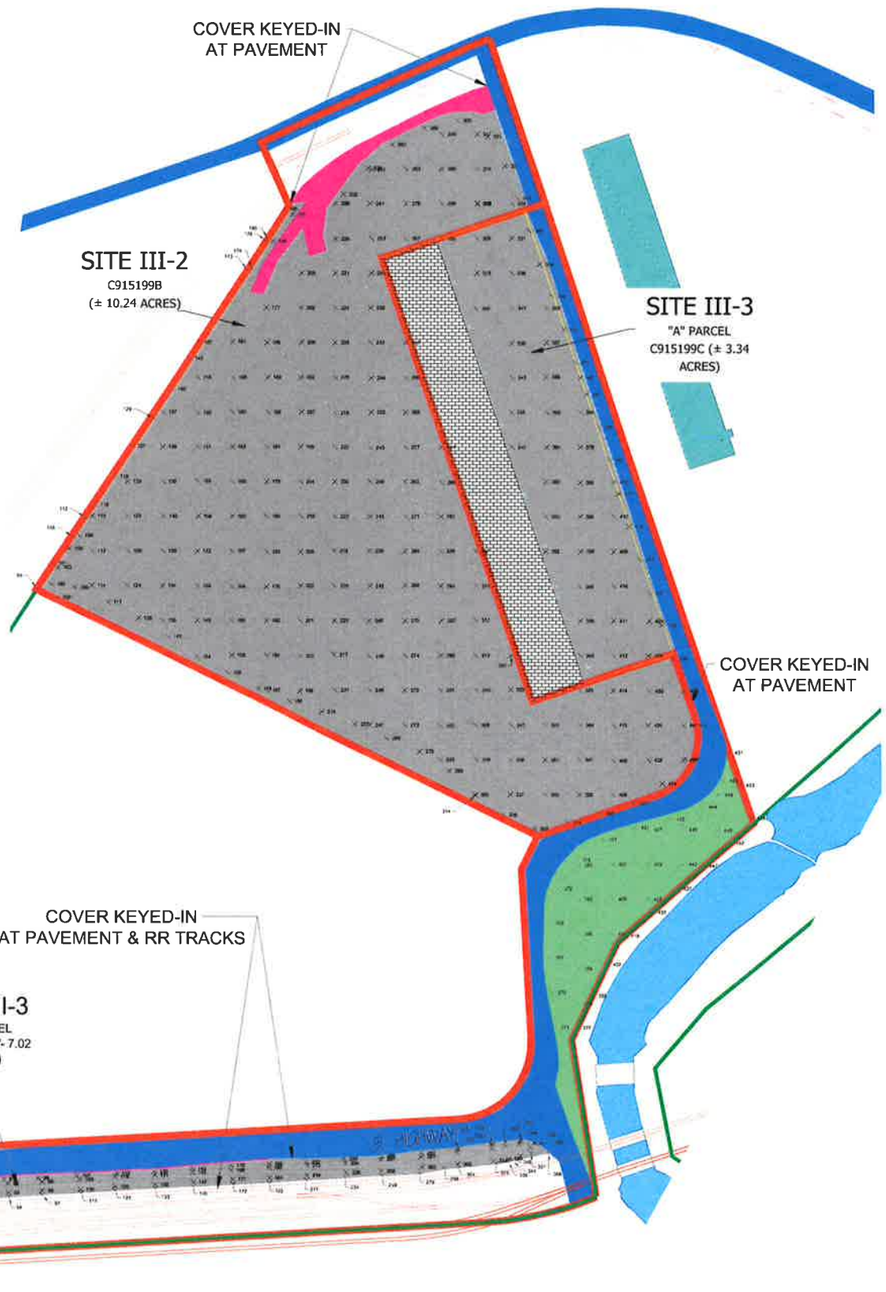



NO. 2 BUD-APPROVED SLAG OVER EXISTING ASPHALT COVER SYSTEM DETAIL




FRENCH DRAIN COVER SYSTEM DETAIL




## COVER THICKNESS POINTS IN SUSPECTED ACM AREA

| Point Name | Northing | Easting | Elevation Subgrade | Elevation Final Cap | Thickness (ft) |
|---|---|---|---|---|---|
| 1 | 1025974 | 1075234 | 584.28 | 586.37 | 2.15 |
| 2 | 1025994 | 1075530 | 584.41 | 586.71 | 2.30 |
| 3 | 1025998 | 1075830 | 584.41 | 586.71 | 2.30 |
| 4 | 1025950 | 1076144 | 584.36 | 586.52 | 2.16 |
| 5 | 1025838 | 1075377 | 584.12 | 586.48 | 2.18 |
| 6 | 1025752 | 1075473 | 584.45 | 586.58 | 2.13 |
| 7 | 1025648 | 1075409 | 584.10 | 586.10 | 2.00 |
| 8 | 1025642 | 1075485 | 584.47 | 586.60 | 2.13 |
| 9 | 1025464 | 1075418 | 584.52 | 586.61 | 2.09 |
| 10 | 1025648 | 1075503 | 584.44 | 586.19 | 2.15 |
| 11 | 1025650 | 1075600 | 584.26 | 586.41 | 2.15 |
| 12 | 1025653 | 1075799 | 585.15 | 587.23 | 2.08 |
| 13 | 1025661 | 1076027 | 584.45 | 586.56 | 2.11 |
| 14 | 1025661 | 1076227 | 584.38 | 586.41 | 2.02 |
| 15 | 1025663 | 1076427 | 584.45 | 586.56 | 2.11 |
| 16 | 1025727 | 1076529 | 583.75 | 585.41 | 1.67 |
| 17 | 1025876 | 1076565 | 584.52 | 586.53 | 2.01 |
| 18 | 1025962 | 1076790 | 584.36 | 587.34 | 2.02 |
| 19 | 1025955 | 1076826 | 585.84 | 587.96 | 2.09 |
| 20 | 1025896 | 1076953 | 583.56 | 585.58 | 2.17 |
| 21 | 1025790 | 1076790 | 584.49 | 586.60 | 2.11 |
| 22 | 1025792 | 1076847 | 584.43 | 586.45 | 2.01 |
| 23 | 1025790 | 1076850 | 585.87 | 587.88 | 2.01 |
| 24 | 1025751 | 1076755 | 585.62 | 587.83 | 2.18 |
| 25 | 1025758 | 1076673 | 584.52 | 586.61 | 2.02 |
| 26 | 1025713 | 1076699 | 584.28 | 586.32 | 2.04 |
| 27 | 1025723 | 1076606 | 584.28 | 586.39 | 2.05 |
| 28 | 1025735 | 1076617 | 586.13 | 588.31 | 2.19 |
| 29 | 1025737 | 1076756 | 585.88 | 587.92 | 2.03 |
| 30 | 1025731 | 1076944 | 585.40 | 587.49 | 2.09 |
| 31 | 1025796 | 1076850 | 585.86 | 587.87 | 2.01 |
| 32 | 1025795 | 1076852 | 585.13 | 587.30 | 2.29 |
| 33 | 1025795 | 1076850 | 585.84 | 588.06 | 2.22 |
| 34 | 1025795 | 1076850 | 585.84 | 588.14 | 2.30 |
| 35 | 1025754 | 1076837 | 585.88 | 587.99 | 2.09 |
| 36 | 1025756 | 1076758 | 584.29 | 586.37 | 2.08 |
| 37 | 1025764 | 1076607 | 584.29 | 586.37 | 2.08 |
| 38 | 1025776 | 1076563 | 585.61 | 587.76 | 2.15 |
| 39 | 1025783 | 1076518 | 584.45 | 586.56 | 2.12 |
| 40 | 1025786 | 1076342 | 583.96 | 586.12 | 2.17 |
| 41 | 1025805 | 1076050 | 584.45 | 586.56 | 2.11 |
| 42 | 1025806 | 1075992 | 584.43 | 586.57 | 2.13 |
| 43 | 1025805 | 1075856 | 584.10 | 586.18 | 2.08 |
| 44 | 1025805 | 1075800 | 582.78 | 585.00 | 2.27 |
| 45 | 1025805 | 1075636 | 584.43 | 586.66 | 2.21 |
| 46 | 1025805 | 1075614 | 582.91 | 585.00 | 2.08 |
| 47 | 1025813 | 1075599 | 584.25 | 586.36 | 2.11 |
| 48 | 1025827 | 1075540 | 584.45 | 586.61 | 2.16 |
| 49 | 1025834 | 1075512 | 583.91 | 586.06 | 2.15 |


BENCHMARK
ENVIRONMENTAL ENGINEERING & SCIENCE, PLLC
2558 HAMBURG TURNPIKE SUITE 300 - BUFFALO, NY 14218
(716) 856-0599


JOB NO.: 0351-016-002/003

REVISIONS

| NO. | BY | DATE | REMARKS |
|---|---|---|---|

SEAL

DRAWN BY: RFL
DATE: NOVEMBER 2016
CHECKED BY: LR
APPROVED BY: PHW


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## COVER MATERIAL TYPES AND THICKNESS VERIFICATION

FINAL ENGINEERING REPORT

TECUMSEH PHASE III BUSINESS PARK

BCP SITE NOs. C915199B & C915199C

LACKAWANNA, NEW YORK

PREPARED FOR

STEEL SUN 2 LLC

STATE OF NEW YORK
THOMAS H. FORBES
No. 70960-1
LICENSED PROFESSIONAL ENGINEER

**FIGURE H-1**

# APPENDIX I

## SEED MIX

575 Kennedy Road Buffalo, NY 14227
(716)895-SEED (7333) (877)417-SEED (7333)
Fax (716)895-3421 www.preferredseed.com

No. 16674

Zoladz Construction Co., Inc.
13600 Railroad St.
Alden, NY 14004

Date 10/13/2016
Est. Delivery 3-5 Days
F.O.B. Buffalo

**Northeast Annual & Perennial Wildflower Mix**
*Used on Security Berm and south side of Electrical Stores building.*

| % | Variety |
|---|---|
| 12.9% | Perennial Blue Flax |
| 10.0% | Sulphur Cosmos |
| 8.0% | Rocket Larkspur |
| 7.0% | Scarlet Flax |
| 5.0% | Butterfly Milkweed |
| 5.0% | Cornflower (Bachelor's Button) |
| 5.0% | Bachlor's Button Tall Mixed/Cornflower |
| 5.0% | Bigleaf Lupine |
| 5.0% | Blackeyed Susan |
| 4.0% | Sweetwilliam |
| 4.0% | Oxeye Sunflower |
| 3.0% | Wallflower |
| 2.5% | Oxeye Daisy |
| 2.5% | Shasta Daisy |
| 2.0% | California Orange Poppy |
| 2.0% | Annual Baby's Breath |
| 2.0% | Tree Mallow |
| 2.0% | Orange Coneflower |
| 1.5% | Perennial Gaillardia |
| 1.0% | Common Yarrow |
| 1.0% | Wild Bergamot |
| 1.0% | California Bluebells |
| 0.9% | Sweet Alyssym |
| 0.6% | Yellow False Indigo |
| 0.6% | Poppy, Corn, Red |
| 0.6% | Corn Poppy/Shirley Mix |
| 0.5% | Bishop's Flower |
| 0.5% | Clarkia |
| 0.5% | Catchfly |
| 0.3% | Blue False Indigo |
| 0.3% | Plains Coreopsis |
| 0.2% | Spotted Beebalm |
| 0.2% | Clasping Coneflower |
| 0.1% | Spurred Snapdragon |
| Total = 100% | |

*Rate = 10 lbs. / acre*

**Winter Rye**
*Rate = 2 bag / acre as a cover crop w/ the Native Mixes*

The above seed will be tagged in accordance with all state and federal seed laws.
Weed Seed, Other Crop Seeds and Inert Materials percentages for each seed species can only be determined at the time of mixing when the seed lots are selected and will be at or lower than the specifications. Seed will be fresh, clean new crop seed provided in unopened bags.

Sincerely,
Steven Bryant
Preferred Seed Company
steve@preferredseed.com