



**Ambient Air Quality Testing Report
Chase Land, LLC Properties
Jessup, Maryland 21044**

Prepared for

Bureau of Environmental Services
Howard County Department of Public Works
6751 Columbia Gateway Drive, Suite 514
Columbia, Maryland 21046

Prepared by

EA Engineering, Science, and Technology, Inc., PBC
225 Schilling Circle, Suite 400
Hunt Valley, Maryland 21031
(410) 584-7000

July 2017

EA Project No. 1483547

Ambient Air Quality Testing Report

Chase Land, LLC Properties

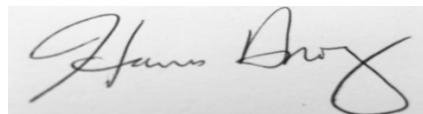
Jessup, Maryland 21044

Prepared for

Bureau of Environmental Services
Howard County Department of Public Works
6751 Columbia Gateway Drive, Suite 514
Columbia, Maryland 21046

Prepared by

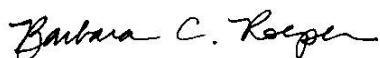
EA Engineering, Science, and Technology, Inc., PBC
225 Schilling Circle, Suite 400
Hunt Valley, Maryland 21031
(410) 584-7000



20 July 2017

Harris Brody, CIH, CSP, CHMM, MBA
Senior Project Manager

Date



20 July 2017

Barbara Roeper, P.E, PMP
Senior Engineer/Program Manager

Date

July 2017

EA Project No. 1483547

CONTENTS

| | <u>Page</u> |
|--|-------------|
| LIST OF ACRONYMS | ii |
| EXECUTIVE SUMMARY | ES-1 |
| 1. INTRODUCTION | 1 |
| 1.1. Purpose and Scope | 1 |
| 2. METHODOLOGY | 3 |
| 2.1. Sampling Methodology – Respirable dust & Respirable crystalline Silica..... | 3 |
| 2.2. Sampling Methodology – Airborne Fibers | 4 |
| 2.3. Sampling Methodology – PM _{2.5} AND PM ₁₀ | 4 |
| 2.4. Sampling Methodology – Wind Speed and Direction | 5 |
| 2.5. Sampling Methodology – Temperature and Relative Humidity | 5 |
| 3. RESULTS | 6 |
| 3.1. File Review Data..... | 6 |
| 3.2. Background PM Monitoring Data | 8 |
| 3.3. Ambient Air Monitoring Results | 8 |
| 3.4. Laboratory Results | 9 |
| 3.5. PM _{2.5} and PM ₁₀ Data..... | 10 |
| 4. CONCLUSION..... | 11 |
| 5. REFERENCES | 12 |

APPENDIX A: FIGURE

APPENDIX B: FIELD DOCUMENTATION

APPENDIX C: ANALYTICAL DATA REPORTS

FIGURE

| <u>Number</u> | <u>Title</u> |
|---------------|--|
| 1 | Air Sampling Locations (in Appendix A) |

TABLE

| <u>Number</u> | <u>Title</u> |
|---------------|--|
| 1-1 | Chase Land, LLC Properties Ambient Air Quality Table (In Text) |

LIST OF ACRONYMS

| | |
|-------------------|---|
| AIHA | American Industrial Hygiene Association |
| AHERA | Asbestos Hazard Emergency Response Act |
| CAA | Clean Air Act |
| CFR | Code of Federal Regulations |
| COC | Chain of Custody |
| COMAR | Code of Maryland Regulations |
| EA | EA Engineering, Science, and Technology, Inc., PBC |
| EPCRA | Emergency Planning and Community Right to Know Act |
| ESA | Environmental Site Assessment |
| F/cc | Fibers per Cubic Centimeter |
| g/m ³ | Grams per Cubic Meter |
| L/min | Liters per Minute |
| MCE | Mixed Cellulose Ester |
| MDE | Maryland Department of the Environment |
| µg/m ³ | Micrograms per Cubic Meter |
| mg/m ³ | Milligrams per Cubic Meter |
| µm | Micron (1x 10 ⁻⁶ meters) |
| mm | Millimeter (1x 10 ⁻³ meters) |
| NOAA | National Oceanic and Atmospheric Administration |
| NVLAP | National Voluntary Laboratory Accreditation Program |
| OSHA | Occupational Safety and Health Administration |
| PCM | Phase Contrast Microscopy |
| PEL | Permissible Exposure Limit |
| PIA | Public Information Act |
| PPI | Parallel Particle Impactor |
| ppm | Parts per million |
| QC | Quality Control |
| RH | Relative Humidity |
| T | Temperature |
| TRI | Toxic Release Inventory |
| TWA | Time Weighted Average |
| U.S. EPA | United States Environmental Protection Agency |

EXECUTIVE SUMMARY

EA Engineering, Science, and Technology, Inc., PBC (EA) conducted an ambient air quality assessment at the Chase Lands Properties (the subject site) located in Jessup, Howard County, Maryland. Howard County intends to construct schools and associated recreational fields at the subject site.

The subject site consists of, either in whole or in part, five individual parcels totaling approximately 79.06 acres of land comprised of one residence, the site of a former farmhouse, and unimproved woodland with small streams. Surrounding properties consist of residential and industrial lands, including the Savage Stone granite quarry. The quarry produces crushed stone, gravel, sand, fill, clay, and associated materials and conducts blasting operations approximately 1-2 times per week.

Based on the intended future use of the subject site, Howard County requested evaluation of ambient air quality at the site to assess the potential for impacts from the adjacent quarry or other off-site sources. This assessment included:

- Review of quarry documents (permits, monitoring and compliance reports)
- Review of existing data (collected by the Maryland Department of Environment, MDE) regarding background concentrations of particulate matter in the area of the site.
- Ambient air sampling at the site

No ongoing compliance issues were identified via review of available permit, monitoring, and reporting information for Savage Stone quarry.

Review of MDE station data (2.25 miles west-southwest of the site) indicated that the 2016 24-hour data for fine particulate matter (PM_{2.5}) and coarse particulate matter (PM₁₀) are within the federally established health-based limits (the National Ambient Air Quality Standard, NAAQS).

Samples of ambient air were collected at four on-site locations and analyzed for respirable crystalline silica, airborne fibers (including asbestos), respirable dust (PM₄), fine particulate matter (PM_{2.5}) and coarse particulate matter (PM₁₀). The wind directions observed on day of sampling (from the west/northwest) were typical for this area, with the site being upwind of the quarry.

All of the results from the on-site ambient air sampling were within health-based limits established by the U.S. Environmental Protection Agency (EPA) and/or the Occupational Safety and Health Administration (OSHA).

Thus, this assessment indicated no adverse impacts to air quality at the subject property from either quarry operations (including blasting) or other off-site sources.

Note that site testing data represent observed, existing conditions documented on the selected test date. Site conditions may change, particularly during site development. Additional air sampling could be performed to further assess worker exposure during site development and at the conclusion of school facilities construction.

1. INTRODUCTION

This report presents the methodology and results of an ambient air quality assessment conducted by EA Engineering, Science, and Technology, Inc., PBC (EA) on 8 May 2017, at the Chase Land, LLC properties (the subject site) located in Jessup, Howard County, Maryland. Howard County intends to construct schools and associated recreational fields at the subject site.

The subject site consists of, either in whole or in part, five individual parcels totaling approximately 79.06 acres of land comprised of one residence, the site of a former farmhouse, and unimproved woodland with small streams.

Surrounding properties consist of residential and industrial lands. The subject site is bordered to the north by Mission Road, to the east by a CSX rail line and the Savage Stone granite quarry, to the south by Hub Garth Road and the former Laurel Lumber quarry site, and to the west by the residential development of Aspenwood (Figure 1 in Appendix A).

At the request of the Howard County, EA performed a Phase I Environmental Site Assessment (ESA) in 2016. The site history is detailed in EA's Phase I ESA report. The presence of the adjacent active quarry and former Laurel Lumber quarry site was noted, and information on these properties was obtained by interviewing the property owner.

Based on the intended future use of the subject site, Howard County requested evaluation of ambient air quality at the site to assess the potential for impacts from the adjacent quarry or other off-site sources. Work was performed in accordance with the Consulting Services Agreement #CA 11-10 between EA and Howard County Department of Public Works (DPW).

1.1. PURPOSE AND SCOPE

As noted above, an active granite quarry borders the site, and granite quarrying typically generates dust – both small, inhalable particles and visible dust that is too large to inhale.

For public health protection, it is important that ambient air concentrations of inhalable particles (also called particulate matter, or PM, and typically measured as the size-ranges PM₁₀ and PM_{2.5}) be kept within health-based limits; and this study was designed to determine whether concentrations of inhalable PM at the site are or are not within health-based limits.

Granite dust can contain crystalline silica -- which, if small enough to be inhaled, *and* if present in ambient air above a threshold concentration, represents a respiratory concern.

Thus, the primary goal of this study was to measure respirable crystalline silica in air at the site during quarry operations.

Some granite formations may also contain small amounts of asbestos, which can also be hazardous to respiratory health, if present in ambient air at and above threshold concentrations. Asbestos is not known to be present at this quarry, however this investigation also sought to assess asbestos (and other airborne fibers) in ambient air at the site.

Under the Clean Air Act, *per* the National Ambient Air Quality Standards (NAAQS), concentrations of inhalable PM (of all forms combined) are strictly regulated, and the Maryland Department of the Environment (MDE) operates monitoring stations at which the regulated forms of PM (PM₁₀ and PM_{2.5}) are continuously monitored. As part of this evaluation, EA reviewed the results of this PM monitoring at the MDE sampling station closest to the site.

Also as part of this evaluation, EA reviewed documents relevant to the active quarry, such as its operating permits, and monitoring and compliance reports.

2. METHODOLOGY

This three-part investigation included: (i) a review of quarry documents (permits, monitoring and compliance reports); (ii) a review of existing data on background concentrations of particulate matter (PM, as collected by MDE) in ambient air near the site; and (iii) one day on site to conduct ambient air sampling. For the on-site testing, samples of ambient air were collected at four locations, and analyzed for respirable dust, PM_{2.5}, PM₁₀, respirable crystalline silica and airborne fibers (which would include asbestos, if present). At one location (CL-2), the real-time PM_{2.5} and PM₁₀ monitor malfunctioned, but reliable data for these two parameters were available at the other three locations (CL-1, CL-3 and CL-4).

Field work occurred on 8 May 2017 during daylight hours, based on scheduled blasting at the adjacent quarry and the need to conduct the testing during clear weather conditions. The sampling locations were selected to represent different portions of the site (see Figure 1 in Attachment A), such that:

- CL-1 was the westernmost location, and farthest from the quarry. This location is generally upwind of the rest of the site as prevailing winds are typically from the west.
- CL-2 was in the northern corner of the site, next to the CSX rail line, and is the sample location closest to the quarry. The ground surface elevation at sample location CL-2 is several feet lower than the ground surface elevation of the adjacent rail line.
- CL-3 was located south of CL-2 at the eastern boundary of the property, in proximity to the CSX rail line.
- CL-4 was centrally located on the site.

Field data collected during the sampling event are included in Attachment B.

2.1. SAMPLING METHODOLOGY – RESPIRABLE DUST & RESPIRABLE CRYSTALLINE SILICA

Samples were collected and analyzed in accordance with NMAM 0600/7500 over an 8-hour period. A pre-calibrated (2.0 Liters per minute [L/min]), battery powered pump was connected to a pre-loaded, parallel particle impactor (PPI) containing a pre-weighed, poly-vinyl chloride, 37-millimeter (mm) filter. The pump clip mount was placed on the protective case that housed the DustTrak (PM monitoring) equipment at the same location, at breathing zone height. An additional calibration of the sampling apparatus was conducted utilizing a pre-calibrated flow rotameter.

The sample “on” and “off” times were recorded for each location during sampling. After sampling, the sample-volume for each location was calculated, based on the total run time and the air flow rate.

EA packaged and shipped the samples for respirable dust and respirable silica analyses under chain of custody (COC) to Analytics Laboratory of Ashland, Virginia *via* commercial carrier (Federal Express). Analytics Laboratory is an American Industrial Hygienist Association (AIHA) and a National Voluntary Laboratory Accreditation Program (NVLAP) accredited laboratory. The completed sample COC is included with the laboratory report in Attachment C. The samples were analyzed at the laboratory for respirable dust and silica via NMAM 0600/7500. Results for these analyses are reported in micrograms per cubic meter of air ($\mu\text{g}/\text{m}^3$).

2.2. SAMPLING METHODOLOGY – AIRBORNE FIBERS

Samples were collected in accordance with NMAM 7400 over an 8-hour period. A pre-calibrated (at 5.0 L/min), electrically-powered rotary vane pump was connected to a 25-mm cassette containing a 0.8 micrometer (μm) mixed cellulose ester (MCE) filter.

The pump clip mount was connected to flexible Tygon tubing, which was connected to the pump, then attached to a tripod mounted at breathing zone height, and then connected to the back of the sampling filter. An additional calibration of the sampling apparatus was conducted utilizing a pre-calibrated flow rotameter.

The sample “on” and “off” times were recorded for each location during sampling. After sampling, the sample-volume for each location was calculated, based on the total run time and the air flow rate.

EA personnel delivered the samples to Batta Environmental Laboratories of Newark, Delaware. Batta is an AIHA and NVLAP accredited laboratory. The completed sample COC is included with the laboratory report in Attachment C. The samples were analyzed at the laboratory for airborne fibers (including asbestos, if present) by PCM via NMAM Method 7400. Results for these analyses are reported in fibers per cubic centimeter of air (f/cc).

2.3. SAMPLING METHODOLOGY – PM_{2.5} AND PM₁₀

Samples were collected with a DustTrak 8533 monitor over an 8-hour period. EA personnel placed the DustTrak monitors within protective cases at breathing zone height during monitoring. Data was collected in real-time and recorded by the instrument. The DustTrak 8533

monitor is a battery operated, data-logging, real-time aerosol analyzer that utilizes light-scattering, laser photometry and simultaneously measures both mass and particle size fraction. The unit also uses a sheath air system that isolates the aerosol in the optics chamber to keep the optics clean for improved reliability and low maintenance. Each unit was pre-calibrated and zeroed prior to use in the field.

2.4. SAMPLING METHODOLOGY – WIND SPEED AND DIRECTION

Wind vector data were collected using a digital compass and the Zephyrus Lite Wind Meter, which is a sonic anemometer smartphone application (self-calibrating using an HTC One M8 phone). These data were collected approximately every 15 minutes at one of the four sampling locations during the field work.

2.5. SAMPLING METHODOLOGY – TEMPERATURE AND RELATIVE HUMIDITY

Temperature and relative humidity were recorded during the sampling event using TSI Q-Trak Air Quality Monitor 7575 instrumentation. Absolute humidity was calculated using the following equation (August-Roche-Magnus formula; a derivative of Clausius-Clapeyron formula):

- Absolute Humidity (g/m^3) =
$$\frac{6.112 \times \exp[(17.67 \times T)/(T + 243.5)] \times RH \times 2.1674}{(273.15 + T)}$$

where T is temperature in degrees Celsius, and RH is relative humidity in %.

3. RESULTS

3.1. FILE REVIEW DATA

3.1.1. Savage Stone Records

Information obtained from Savage Stone included details of the quarry's operating history and procedures, Clean Air Act (CAA) permit information, Emergency Planning and Community Right-to-Know Act (EPCRA) Tier II reporting, U.S. EPA Toxic Release Inventory (TRI) reporting, accidental releases information, stormwater and groundwater monitoring, mining reports, and emissions and noise reports. According to the quarry representative, the Savage Stone quarry has a Permit to Operate (valid through September 30, 2021), a mining permit (valid through December 31, 2018), and a stormwater discharge permit from MDE. Annual air emission reports and quarterly stormwater discharge monitoring reports are submitted to MDE, as required, and MDE completes routine inspections. No ongoing compliance issues were noted. The quarry does not have operations that require a Title V air permit, EPCRA reporting, TRI reporting, or noise monitoring or reporting. The quarry has no record of past spills or accidental releases.

3.1.2. CSX Records

The CSX rail line is administratively active; however, it does not appear that the line has been used for several years based on visual observation. CSX was contacted via telephone and online inquiry; however, no response was received.

3.1.3. MDE Records

EA requested similar information from MDE through a Public Information Act (PIA) request in April 2017 on the following adjacent properties: Savage Stone Quarry, Laurel Lumber, Aggregate Management, and CSX Railways. Information was requested from MDE's Mining Program, Water Compliance Program, Air Quality Compliance Program, Air Permits Program, Wetlands/Waterways Program, and On-Site Systems Program.

A review of available files was completed on 30 June 2017. Savage Stone Quarry is operated by Aggregate Management; MDE files were found under Savage Stone. Records pertaining to the former Laurel Lumber property were found under Savage Stone; no records related to the Laurel

Lumber operations were found. No files were available for CSX Railways or Aggregate Management.

Files for Savage Stone were reviewed from the Air and Radiation Management and the Land Management Administrations, file review for the Water and Wetlands/Waterways Programs is pending. Air and Radiation Management files indicate the quarry operates one 1200 ton per hour stone crushing and screening plant equipped with two baghouses and a wet suppression system under MDE permit 027-00489, issued in 2006. Modifications were made to the permit in 2007 for the addition of one dust loadout system with a bin vent filter and in 2011 for the addition of one 12 ft by 12 ft hopper and one 30 ft by 30 inch conveyor.

Construction permits were issued in 2016 for the installation of three portable screening plants to be brought on-site and operated on an as-needed basis to process dirty shot rock. The most recent annual emissions on file for 2015 indicates emissions of 4.36 tons of particulate matter related to rock crushing operations. The emission limit is not quantified on the permit; visible emission limits are to comply with 40 Code of Federal Regulations (CFR) Part 60, Subpart OOO and Code of Maryland Regulations (COMAR) 26.11.06.02C(2). 40 CFR Part 60, Subpart OOO requires opacity limits of 15% for non-capture crushers, 10% for fugitive/transfer point sources, and 7% for stacks/vents. COMAR 26.11.06.02C(2) prohibits visible emissions, other than water in an uncombined form, which is visible to human observers. Numerous unannounced inspections have been conducted in relation to the operating permit, the majority with no violations. Minor violations observed by inspectors were remedied as documented by follow up inspections. A formal notice of violation was issued in 2007 for airborne emissions (particulate matter observed on Route 1); the violation was resolved by the addition of spray bars, planting a screen via landscaping, and more diligent use of water trucks.

Land Management Administration files indicate that an application for the modification and renewal of Surface Mine Permit No. 06-SP-1009 is currently under review. January 2017 MDE correspondence requested changes to existing sediment and erosion control plans. April 2017 email correspondence from Aggregate Management summarized neighboring residences and their concerns and issues related to blasting at the quarry. An MDE site inspection conducted in March 2016 indicated that the Laurel Lumber area has been reclaimed, vegetation was observed to be well established; it is noted the permit is being kept open in case it is needed to stockpile overburden from the neighboring Savage Stone Quarry or to facilitate grading for development. Periodic surface mine inspections are conducted.

3.2. BACKGROUND PM MONITORING DATA

The MDE monitoring site in Howard County is 2.25 miles west-southwest of the site. The 2016 24-hour data for fine particulate matter (PM_{2.5}, average value = 9.73 µg/m³) at this monitoring station are well within the NAAQS, which is 35 µg/m³ (enforced as an average over 3 years of the 98th percentile of 24-hour averages during that 3-year period). The 2016 24-hour data for coarse, inhalable particulate matter (PM₁₀, average value = 25 µg/m³) at Maryland monitoring stations are also well within the NAAQS, which is 150 µg/m³ for a 24 hour period.

3.3. AMBIENT AIR MONITORING RESULTS

EA conducted on-site ambient air sampling on 8 May 2017, a day with no precipitation that intentionally coincided with blasting at the quarry. The field work included the following:

- Sample collection for respirable dust via NIOSH Manual of Analytical Methods (NMAM) Method 0600.
- Sample collection for respirable silica via NMAM 0600/7500.
- Sample collection for airborne fibers (including asbestos, if present) by phase contrast microscopy (PCM) via NMAM Method 7400.
- Real-time monitoring with a DustTrak 8533 for PM_{2.5} and PM₁₀ at the four above-referenced site locations (CL-1 through CL-4).
- Observation of wind vector data using a compass and the Zephyrus Lite Wind Meter, a sonic anemometer smartphone application. Meteorological data were also obtained from nearby National Weather Service weather stations (Baltimore Inner Harbor [call number KDMH], Baltimore Washington International Thurgood Marshall Airport [BWI, call number KBWI], Fort Meade [call number KFME], Andrews Air Force Base [call number KADW], Martin State Airport [call number KMTN], and U.S. Naval Academy in Annapolis [call number KNAK]) to identify characteristics of the ambient wind patterns and air mass.
- Measurement of temperature (T) and relative humidity (RH) data utilizing a TSI Q-Trak Air Quality Monitor 7575.

The analytical results of the ambient air monitoring are listed in Table 1 and depicted on the figure in Attachment A. Site-specific PM_{2.5} and PM₁₀ monitoring data can be found in Appendix B. Laboratory analytical data are included as Attachment C.

As shown, all results are within occupational and health-based limits. It should be noted that the DustTrak 8533 monitor placed at CL-2 malfunctioned, so that reliable PM_{2.5} and PM₁₀ data could not be collected at this location.

For respirable dust and silica, health-based, Permissible Exposure Limits (PELs) are set by OSHA. These occupational standards are based on an 8-hour time-weighted average (TWA), which coincides with the 8-hour day used for this sampling event.

For airborne fibers, the NMAM 7400 method utilizes phase contrast microscopy (PCM) which counts total fibers (including asbestos).

Table 1: Chase Land, LLC Properties Ambient Air Quality Test Results

| Sample # Designation | Sample Location | PM _{2.5} ¹ ($\mu\text{g}/\text{m}^3$) | PM ₁₀ ² ($\mu\text{g}/\text{m}^3$) | Respirable Dust ³ ($\mu\text{g}/\text{m}^3$) | Respirable Crystalline Silica ⁴ ($\mu\text{g}/\text{m}^3$) | Airborne Fibers ^{5,6} (F/cc) |
|----------------------|---|---|--|---|---|---------------------------------------|
| CL-1 | Western Gate | 3 | 3 | <52 | <10.4 | 0.004 |
| CL-2 | At railroad/Mission Road intersection | N/A ⁷ | N/A ⁷ | <52 | <10.4 | 0.004 |
| CL-3 | Halfway along eastern railroad boundary | 4 | 4 | <52 | <10.5 | <0.001 |
| CL-4 | Site Center | 7 | 7 | <52 | <10.3 | 0.003 |
| CL-5, CL-6 | Blanks (2) | --- | --- | --- | --- | N/A |

Notes:

1 – 24-hour PM_{2.5} Health Based Limit = 35 $\mu\text{g}/\text{m}^3$ (U.S. EPA NAAQS).
 2 – 24-Hour PM₁₀ Health Based Limit = 150 $\mu\text{g}/\text{m}^3$ (U.S. EPA NAAQS).
 3 – OSHA Occupational PEL for Respirable Dust = 5,000 $\mu\text{g}/\text{m}^3$ over an 8-hour day.
 4 – OSHA Silica PEL (Health Based Limit) is 50 $\mu\text{g}/\text{m}^3$ over an eight (8)-hour workday.
 5 – OSHA PEL for asbestos is 0.1 F/cc over an 8-hour day.
 6 – U.S. EPA Re-occupancy Standard is 0.01 F/cc.
 7 – Not available, due to equipment malfunction.

3.4. LABORATORY RESULTS

3.4.1. Respirable Dust

As shown in Table 1 above, respirable dust was not detected at any on-site location, where the lower limit of detection was 52 $\mu\text{g}/\text{m}^3$, and the OSHA PEL is 5,000 $\mu\text{g}/\text{m}^3$.

3.4.2. Respirable Crystalline Silica

No respirable crystalline silica was detected in ambient air at any of the site locations, where the lower limit of detection was 10 µg/m³, and the OSHA PEL is 50 µg/m³.

3.4.3. Airborne Fibers

Airborne fibers measured at the site were detected at levels well within the OSHA PEL for asbestos of 0.1 F/cc over an 8-hour period. Results are also well within the U.S. EPA re-occupancy or “clean air” standard of no more than 0.01 f/cc as delineated in 40 CFR Part 763 (Asbestos School Hazard Emergency Response Act or AHERA). Reported values ranged from <0.001 F/cc at the railroad midpoint (CL-3), to 0.004 F/cc at both the Western Gate (CL-1) and the junction of the rail line and Mission Road (CL-2). The analysis conducted is a measurement of total airborne fibers of all types, which would include asbestos, if any were present. Therefore, since the total fiber levels in each sample did not exceed the OSHA standard or the U.S. EPA AHERA re-occupancy standard, the potential number of asbestos fibers (if present) could not exceed either standard.

3.5. PM_{2.5} AND PM₁₀ DATA

PM measurements from the DustTrak monitoring at the site are less than the U.S. EPA NAAQS (as previously noted, the data from CL-2 were invalid due to equipment malfunction). Values at each location did not fluctuate significantly throughout the 8-hour recording period. For example, no increases were noted during or after the quarry blasting, which occurred at 1:54 pm. For comparison, the MDE monitoring site in Howard County is 2.25 miles west-southwest of the site, and the 2016 24-hour data are less than the NAAQS (average value = 9.73 µg/m³). The concentrations at CL-1, CL-3, and CL-4 were less than that average throughout the day.

4. CONCLUSION

This assessment found no adverse impacts to air quality at the subject property from either quarry operations (including blasting) or other off-site sources.

Inhalable crystalline silica, which might be emitted from blasting and other operations at the quarry, was not detected on the proposed school site; inhalable fiber concentrations are within health-based limits; and background concentrations of airborne particulate via review of MDE long term monitoring station data and results from site testing are within applicable health-based and occupational limits. Sampling results were consistent throughout the site.

No ongoing compliance issues were identified via review of available permit, monitoring, and reporting information for Savage Stone quarry.

It should be noted that acquired site testing data represents observed, existing conditions documented on the selected test date. Site conditions may change, particularly during site development. Additional background air sampling could be performed to further assess worker exposure during site development and at the conclusion of school facilities construction.

5. REFERENCES

EA Engineering, Science, and Technology, Inc., PBC. *Phase I Environmental Site Assessment Report, Chase Lands, Jessup, Maryland 21044.* November 2016.

Maryland Department of the Environment (MDE). Air and Radiation Management Files for Savage Stone (027-489). Including:

- Inspection and Observation/AFS Point Action Forms from 2007-2016 documenting inspections and entry of data
- Emissions Certification Reports 2007-2016
- Permit 027-00489 issued 13 December 2006, expiration 30 September 20011 and subsequent renewal and modifications of the permit and permit related correspondence

Maryland Department of the Environment (MDE). Land Management Administration Files for Savage Stone (027-489). Including:

- Laurel Lumber Mine Reclamation Plan dated November 2006
- Laurel Lumber Mine Reclamation Plan Permanent Sediment Basin Design dated September 2006
- Permit 06-SP-1009 and subsequent renewal and modifications of the permit and permit related correspondence
- Field Reports detailing site inspections from 2010-2016
- Correspondence regarding mining blasts
- Stormwater Pollution Prevention Plan dated June 2010

Appendix A

Figure

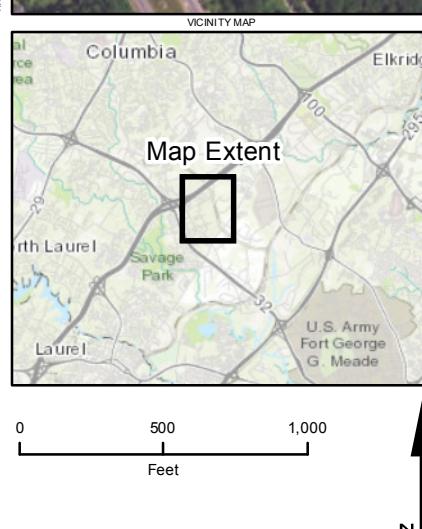
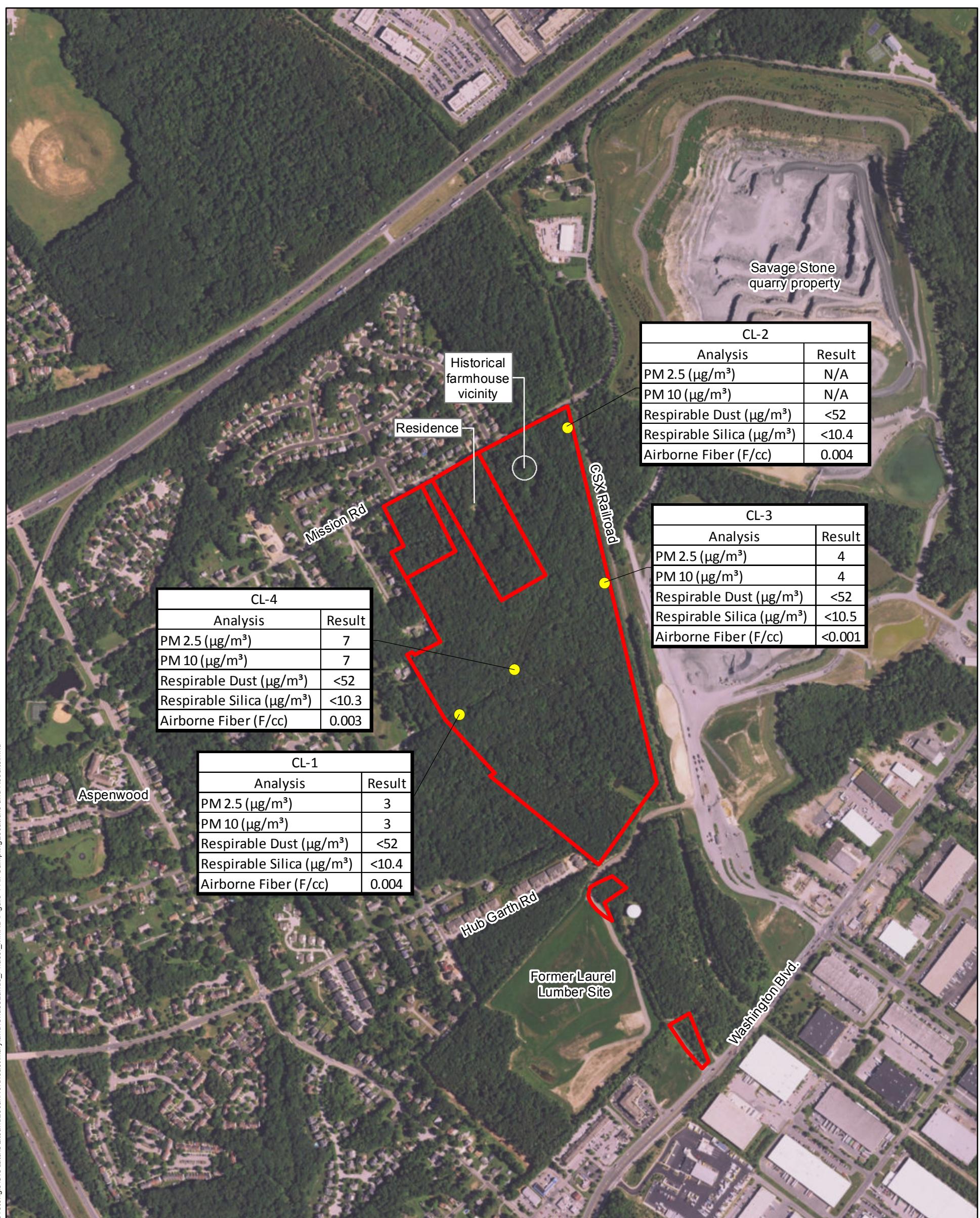


Figure 1

Air Sampling Locations

Chase Land, LLC Properties
Jessup, MD

Legend

- Air Sampling Location
- ◻ Approximate Property Boundary

Acronyms:
 $\mu\text{g}/\text{m}^3$ = micrograms per cubic meter
F/cc = fibers per cubic centimeter

OSHA PEL – Occupational Safety and Health Administration Permissible Exposure Limit
TWA – Time Weighted Average

www.Engineering.org

Notes:
1. Particulate Matter (PM) 2.5 – US EPA NAAQS is 35 $\mu\text{g}/\text{m}^3$ over a 24-hour day.

1- Particulate Matter (PM) 2.5 - US EPA NAAQS is 35 $\mu\text{g}/\text{m}^3$ over a 24-hour day.
2- PM 10 - US EPA NAAQS is 150 $\mu\text{g}/\text{m}^3$ over a 24-hour day.

3- Respirable Dust - OSHA PEL (TWA) is 5,000 $\mu\text{g}/\text{m}^3$ over an 8-hour workday.

4- Respirable Silica - OSHA PEL (TWA) is 50 $\mu\text{g}/\text{m}^3$ over an 8-hour workday.

Map Date: 7/20/2017
Source: ESRI, 2015
Projection: NAD 1983 StatePlane Maryland FIPS 1900 Feet



Appendix B

Field Documentation



EA Engineering, Science, and Technology, Inc. PBC
225 Schilling Circle, Suite 400
Hunt Valley, MD 21031
Telephone: 410-584-7000
Fax: 410-771-1625
www.eaest.com

CHASE LAND AIR SAMPLING –WEATHER PARAMETER TABLE

| Location – Description | Time | Temperature (°F) | Relative Humidity (%) | Absolute Humidity (g/m³) | Wind Vector (mph, direction) | Observations |
|------------------------|------|------------------|-----------------------|--------------------------|------------------------------|--------------|
| 1 | 0755 | 50.9 | 40.2 | 3.316 | 0.4 SW | Sunny, cool |
| 2 | 0830 | 50.6 | 34.1 | 2.790 | 2.0 W | Sunny, cool |
| 3 | 0905 | 51.0 | 32.8 | 2.712 | 2.3 NW | Sunny, cool |
| 4 | 1006 | 51.0 | 32.6 | 2.696 | 1.2 SW | Sunny, cool |
| 1 | 1034 | 53.6 | 30.1 | 2.668 | 1.6 SW | Sunny, cool |
| 4 | 1043 | 53.6 | 29.7 | 2.633 | 1.1 W | Sunny, cool |
| 2 | 1118 | 55.5 | 31.2 | 2.908 | 1.2 W | Sunny, cool |
| 3 | 1133 | 59.5 | 21.9 | 2.266 | 1.3 SW | Sunny |
| 1 | 1155 | 55.7 | 26.2 | 2.455 | 1.8 W | Sunny |
| 1 | 1230 | 56.4 | 26.5 | 2.529 | 1.4 W | Sunny |
| 4 | 1241 | 56.8 | 23.6 | 2.276 | 1.4 SW | Sunny |
| 3 | 1250 | 60.0 | 22.7 | 2.379 | 1.8 SW | Sunny |
| 2 | 1305 | 61.5 | 26.1 | 2.843 | 2.0 SW | Sunny |
| 4 | 1325 | 63.9 | 20.4 | 2.363 | 1.5 NW | Sunny |



EA Engineering, Science, and Technology, Inc. PBC
225 Schilling Circle, Suite 400
Hunt Valley, MD 21031
Telephone: 410-584-7000
Fax: 410-771-1625
www.eaest.com

CHASE LAND AIR SAMPLING –WEATHER PARAMETER TABLE

| Location – Description | Time | Temperature (°F) | Relative Humidity (%) | Absolute Humidity (g/m³) | Wind Vector (mph, direction) | Observations |
|-------------------------------|-------------|-------------------------|------------------------------|---------------------------------|-------------------------------------|---------------------|
| 1 | 1330 | 58.1 | 27.1 | 2.704 | 1.8 W | Sunny |
| 1 | 1412 | 59.4 | 27.4 | 2.828 | 1.6 NW | Sunny |
| 4 | 1416 | 62.5 | 27.3 | 3.051 | 0.7 W | Sunny |
| 3 | 1425 | 59.9 | 22.0 | 2.300 | 1.5 SW | Sunny |
| 2 | 1435 | 63.2 | 25.9 | 2.947 | 1.4 NW | Sunny |
| 4 | 1452 | 61.6 | 26.6 | 2.905 | 1.1 NW | Sunny |
| 1 | 1517 | 60.0 | 29.9 | 3.134 | 1.3 NW | Sunny |
| 1 | 1558 | 62.6 | 27.2 | 3.048 | 0.2 NW | Sunny |
| 2 | 1616 | 62.5 | 27.2 | 3.040 | 1.4 NW | Sunny |
| 3 | 1701 | 59.4 | 31.2 | 3.220 | 1.8 NW | Sunny |
| 4 | 1807 | 59.3 | 40.1 | 4.128 | Calm | Sunny |

Test 002

Location CL-1

Site 1 (gate)

| Instrument | | Data Properties | |
|----------------|--------------|------------------|------------|
| Model | DustTrak DRX | Start Date | 05/08/2017 |
| Instrument S/N | 8533151101 | Start Time | 07:53:18 |
| | | Stop Date | 05/08/2017 |
| | | Stop Time | 15:53:18 |
| | | Total Time | 0:08:00:00 |
| | | Logging Interval | 60 seconds |

| Statistics | | | | | |
|----------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| | PM1 | PM2.5 | RESP | PM10 | TOTAL |
| Avg | 0.003 mg/m ³ |
| Max | 0.008 mg/m ³ | 0.008 mg/m ³ | 0.008 mg/m ³ | 0.012 mg/m ³ | 0.015 mg/m ³ |
| Max Date | 05/08/2017 | 05/08/2017 | 05/08/2017 | 05/08/2017 | 05/08/2017 |
| Max Time | 07:58:18 | 07:58:18 | 07:54:18 | 07:54:18 | 07:54:18 |
| Min | 0.002 mg/m ³ |
| Min Date | 05/08/2017 | 05/08/2017 | 05/08/2017 | 05/08/2017 | 05/08/2017 |
| Min Time | 08:56:18 | 08:57:18 | 08:57:18 | 08:57:18 | 08:57:18 |
| TWA (8 hr) | 0.003 | 0.003 | 0.003 | 0.003 | 0.003 |
| TWA Start Date | 05/08/2017 | 05/08/2017 | 05/08/2017 | 05/08/2017 | 05/08/2017 |
| TWA Start Time | 07:53:18 | 07:53:18 | 07:53:18 | 07:53:18 | 07:53:18 |
| TWA End Time | 15:53:18 | 15:53:18 | 15:53:18 | 15:53:18 | 15:53:18 |

| Test Data | | | | | | | |
|------------|------------|----------|-----------------------|-------------------------|------------------------|------------------------|-------------------------|
| Data Point | Date | Time | PM1 mg/m ³ | PM2.5 mg/m ³ | RESP mg/m ³ | PM10 mg/m ³ | TOTAL mg/m ³ |
| 1 | 05/08/2017 | 07:54:18 | 0.007 | 0.007 | 0.008 | 0.012 | 0.015 |
| 2 | 05/08/2017 | 07:55:18 | 0.006 | 0.006 | 0.006 | 0.008 | 0.009 |
| 3 | 05/08/2017 | 07:56:18 | 0.004 | 0.004 | 0.005 | 0.005 | 0.005 |
| 4 | 05/08/2017 | 07:57:18 | 0.005 | 0.005 | 0.005 | 0.005 | 0.005 |
| 5 | 05/08/2017 | 07:58:18 | 0.008 | 0.008 | 0.008 | 0.008 | 0.009 |
| 6 | 05/08/2017 | 07:59:18 | 0.004 | 0.004 | 0.004 | 0.005 | 0.005 |
| 7 | 05/08/2017 | 08:00:18 | 0.004 | 0.004 | 0.004 | 0.005 | 0.005 |
| 8 | 05/08/2017 | 08:01:18 | 0.004 | 0.004 | 0.004 | 0.005 | 0.005 |
| 9 | 05/08/2017 | 08:02:18 | 0.004 | 0.005 | 0.005 | 0.005 | 0.005 |
| 10 | 05/08/2017 | 08:03:18 | 0.004 | 0.004 | 0.004 | 0.004 | 0.004 |
| 11 | 05/08/2017 | 08:04:18 | 0.004 | 0.004 | 0.004 | 0.004 | 0.004 |
| 12 | 05/08/2017 | 08:05:18 | 0.004 | 0.004 | 0.004 | 0.004 | 0.004 |
| 13 | 05/08/2017 | 08:06:18 | 0.004 | 0.004 | 0.004 | 0.004 | 0.004 |
| 14 | 05/08/2017 | 08:07:18 | 0.004 | 0.004 | 0.004 | 0.004 | 0.004 |
| 15 | 05/08/2017 | 08:08:18 | 0.004 | 0.004 | 0.004 | 0.004 | 0.005 |
| 16 | 05/08/2017 | 08:09:18 | 0.003 | 0.003 | 0.003 | 0.004 | 0.004 |
| 17 | 05/08/2017 | 08:10:18 | 0.003 | 0.003 | 0.003 | 0.004 | 0.004 |
| 18 | 05/08/2017 | 08:11:18 | 0.004 | 0.004 | 0.004 | 0.004 | 0.004 |
| 19 | 05/08/2017 | 08:12:18 | 0.003 | 0.003 | 0.003 | 0.004 | 0.004 |

| Test Data | | | | | | | |
|------------|------------|----------|------------|--------------|-------------|-------------|--------------|
| Data Point | Date | Time | PM1 mg/m^3 | PM2.5 mg/m^3 | RESP mg/m^3 | PM10 mg/m^3 | TOTAL mg/m^3 |
| 20 | 05/08/2017 | 08:13:18 | 0.003 | 0.003 | 0.003 | 0.003 | 0.003 |
| 21 | 05/08/2017 | 08:14:18 | 0.003 | 0.003 | 0.003 | 0.004 | 0.004 |
| 22 | 05/08/2017 | 08:15:18 | 0.003 | 0.003 | 0.003 | 0.004 | 0.004 |
| 23 | 05/08/2017 | 08:16:18 | 0.003 | 0.003 | 0.003 | 0.003 | 0.003 |
| 24 | 05/08/2017 | 08:17:18 | 0.003 | 0.003 | 0.004 | 0.004 | 0.004 |
| 25 | 05/08/2017 | 08:18:18 | 0.003 | 0.003 | 0.003 | 0.003 | 0.003 |
| 26 | 05/08/2017 | 08:19:18 | 0.003 | 0.003 | 0.003 | 0.004 | 0.004 |
| 27 | 05/08/2017 | 08:20:18 | 0.003 | 0.003 | 0.003 | 0.003 | 0.003 |
| 28 | 05/08/2017 | 08:21:18 | 0.003 | 0.003 | 0.003 | 0.003 | 0.003 |
| 29 | 05/08/2017 | 08:22:18 | 0.003 | 0.003 | 0.003 | 0.003 | 0.003 |
| 30 | 05/08/2017 | 08:23:18 | 0.003 | 0.003 | 0.003 | 0.003 | 0.003 |
| 31 | 05/08/2017 | 08:24:18 | 0.003 | 0.003 | 0.003 | 0.003 | 0.003 |
| 32 | 05/08/2017 | 08:25:18 | 0.003 | 0.003 | 0.003 | 0.003 | 0.003 |
| 33 | 05/08/2017 | 08:26:18 | 0.003 | 0.003 | 0.003 | 0.003 | 0.003 |
| 34 | 05/08/2017 | 08:27:18 | 0.003 | 0.003 | 0.003 | 0.003 | 0.004 |
| 35 | 05/08/2017 | 08:28:18 | 0.003 | 0.003 | 0.003 | 0.003 | 0.003 |
| 36 | 05/08/2017 | 08:29:18 | 0.003 | 0.003 | 0.003 | 0.003 | 0.004 |
| 37 | 05/08/2017 | 08:30:18 | 0.003 | 0.003 | 0.003 | 0.003 | 0.003 |
| 38 | 05/08/2017 | 08:31:18 | 0.003 | 0.003 | 0.003 | 0.003 | 0.003 |
| 39 | 05/08/2017 | 08:32:18 | 0.003 | 0.003 | 0.003 | 0.003 | 0.003 |
| 40 | 05/08/2017 | 08:33:18 | 0.003 | 0.003 | 0.003 | 0.003 | 0.004 |
| 41 | 05/08/2017 | 08:34:18 | 0.003 | 0.003 | 0.003 | 0.003 | 0.003 |
| 42 | 05/08/2017 | 08:35:18 | 0.003 | 0.003 | 0.003 | 0.003 | 0.003 |
| 43 | 05/08/2017 | 08:36:18 | 0.003 | 0.003 | 0.003 | 0.003 | 0.003 |
| 44 | 05/08/2017 | 08:37:18 | 0.003 | 0.003 | 0.003 | 0.004 | 0.004 |
| 45 | 05/08/2017 | 08:38:18 | 0.003 | 0.003 | 0.003 | 0.003 | 0.003 |
| 46 | 05/08/2017 | 08:39:18 | 0.003 | 0.003 | 0.003 | 0.003 | 0.003 |
| 47 | 05/08/2017 | 08:40:18 | 0.003 | 0.003 | 0.003 | 0.003 | 0.003 |
| 48 | 05/08/2017 | 08:41:18 | 0.003 | 0.003 | 0.003 | 0.003 | 0.003 |
| 49 | 05/08/2017 | 08:42:18 | 0.003 | 0.003 | 0.003 | 0.003 | 0.004 |
| 50 | 05/08/2017 | 08:43:18 | 0.003 | 0.003 | 0.003 | 0.003 | 0.003 |
| 51 | 05/08/2017 | 08:44:18 | 0.003 | 0.003 | 0.003 | 0.003 | 0.003 |
| 52 | 05/08/2017 | 08:45:18 | 0.003 | 0.003 | 0.003 | 0.003 | 0.003 |
| 53 | 05/08/2017 | 08:46:18 | 0.003 | 0.003 | 0.003 | 0.003 | 0.004 |
| 54 | 05/08/2017 | 08:47:18 | 0.003 | 0.003 | 0.003 | 0.003 | 0.003 |
| 55 | 05/08/2017 | 08:48:18 | 0.003 | 0.003 | 0.003 | 0.003 | 0.004 |
| 56 | 05/08/2017 | 08:49:18 | 0.003 | 0.003 | 0.003 | 0.003 | 0.003 |
| 57 | 05/08/2017 | 08:50:18 | 0.003 | 0.003 | 0.003 | 0.003 | 0.003 |
| 58 | 05/08/2017 | 08:51:18 | 0.003 | 0.003 | 0.003 | 0.003 | 0.003 |
| 59 | 05/08/2017 | 08:52:18 | 0.003 | 0.003 | 0.003 | 0.003 | 0.003 |
| 60 | 05/08/2017 | 08:53:18 | 0.003 | 0.003 | 0.003 | 0.003 | 0.003 |
| 61 | 05/08/2017 | 08:54:18 | 0.003 | 0.003 | 0.003 | 0.003 | 0.003 |
| 62 | 05/08/2017 | 08:55:18 | 0.003 | 0.003 | 0.003 | 0.003 | 0.003 |
| 63 | 05/08/2017 | 08:56:18 | 0.002 | 0.003 | 0.003 | 0.003 | 0.003 |
| 64 | 05/08/2017 | 08:57:18 | 0.002 | 0.002 | 0.002 | 0.002 | 0.002 |
| 65 | 05/08/2017 | 08:58:18 | 0.002 | 0.003 | 0.003 | 0.003 | 0.003 |

| Test Data | | | | | | | |
|------------|------------|----------|------------|--------------|-------------|-------------|--------------|
| Data Point | Date | Time | PM1 mg/m^3 | PM2.5 mg/m^3 | RESP mg/m^3 | PM10 mg/m^3 | TOTAL mg/m^3 |
| 66 | 05/08/2017 | 08:59:18 | 0.002 | 0.002 | 0.003 | 0.003 | 0.003 |
| 67 | 05/08/2017 | 09:00:18 | 0.002 | 0.003 | 0.003 | 0.003 | 0.003 |
| 68 | 05/08/2017 | 09:01:18 | 0.002 | 0.003 | 0.003 | 0.003 | 0.003 |
| 69 | 05/08/2017 | 09:02:18 | 0.002 | 0.002 | 0.002 | 0.003 | 0.003 |
| 70 | 05/08/2017 | 09:03:18 | 0.002 | 0.003 | 0.003 | 0.003 | 0.004 |
| 71 | 05/08/2017 | 09:04:18 | 0.002 | 0.002 | 0.003 | 0.003 | 0.003 |
| 72 | 05/08/2017 | 09:05:18 | 0.002 | 0.003 | 0.003 | 0.003 | 0.003 |
| 73 | 05/08/2017 | 09:06:18 | 0.002 | 0.002 | 0.003 | 0.003 | 0.003 |
| 74 | 05/08/2017 | 09:07:18 | 0.002 | 0.002 | 0.002 | 0.003 | 0.003 |
| 75 | 05/08/2017 | 09:08:18 | 0.002 | 0.002 | 0.003 | 0.003 | 0.003 |
| 76 | 05/08/2017 | 09:09:18 | 0.002 | 0.003 | 0.003 | 0.003 | 0.003 |
| 77 | 05/08/2017 | 09:10:18 | 0.002 | 0.002 | 0.002 | 0.002 | 0.002 |
| 78 | 05/08/2017 | 09:11:18 | 0.003 | 0.003 | 0.003 | 0.003 | 0.004 |
| 79 | 05/08/2017 | 09:12:18 | 0.003 | 0.003 | 0.003 | 0.003 | 0.003 |
| 80 | 05/08/2017 | 09:13:18 | 0.002 | 0.003 | 0.003 | 0.003 | 0.003 |
| 81 | 05/08/2017 | 09:14:18 | 0.002 | 0.003 | 0.003 | 0.003 | 0.003 |
| 82 | 05/08/2017 | 09:15:18 | 0.002 | 0.002 | 0.002 | 0.003 | 0.003 |
| 83 | 05/08/2017 | 09:16:18 | 0.002 | 0.003 | 0.003 | 0.003 | 0.003 |
| 84 | 05/08/2017 | 09:17:18 | 0.002 | 0.002 | 0.002 | 0.002 | 0.002 |
| 85 | 05/08/2017 | 09:18:18 | 0.003 | 0.003 | 0.003 | 0.003 | 0.003 |
| 86 | 05/08/2017 | 09:19:18 | 0.002 | 0.002 | 0.003 | 0.003 | 0.003 |
| 87 | 05/08/2017 | 09:20:18 | 0.002 | 0.002 | 0.002 | 0.002 | 0.002 |
| 88 | 05/08/2017 | 09:21:18 | 0.002 | 0.003 | 0.003 | 0.003 | 0.003 |
| 89 | 05/08/2017 | 09:22:18 | 0.003 | 0.003 | 0.003 | 0.003 | 0.003 |
| 90 | 05/08/2017 | 09:23:18 | 0.003 | 0.003 | 0.003 | 0.003 | 0.003 |
| 91 | 05/08/2017 | 09:24:18 | 0.003 | 0.003 | 0.003 | 0.003 | 0.004 |
| 92 | 05/08/2017 | 09:25:18 | 0.003 | 0.003 | 0.003 | 0.003 | 0.004 |
| 93 | 05/08/2017 | 09:26:18 | 0.003 | 0.003 | 0.003 | 0.003 | 0.003 |
| 94 | 05/08/2017 | 09:27:18 | 0.003 | 0.003 | 0.003 | 0.003 | 0.003 |
| 95 | 05/08/2017 | 09:28:18 | 0.003 | 0.003 | 0.003 | 0.003 | 0.003 |
| 96 | 05/08/2017 | 09:29:18 | 0.003 | 0.003 | 0.003 | 0.003 | 0.003 |
| 97 | 05/08/2017 | 09:30:18 | 0.003 | 0.003 | 0.003 | 0.003 | 0.003 |
| 98 | 05/08/2017 | 09:31:18 | 0.002 | 0.003 | 0.003 | 0.003 | 0.003 |
| 99 | 05/08/2017 | 09:32:18 | 0.002 | 0.003 | 0.003 | 0.003 | 0.003 |
| 100 | 05/08/2017 | 09:33:18 | 0.003 | 0.003 | 0.003 | 0.003 | 0.003 |
| 101 | 05/08/2017 | 09:34:18 | 0.002 | 0.002 | 0.002 | 0.002 | 0.002 |
| 102 | 05/08/2017 | 09:35:18 | 0.002 | 0.002 | 0.002 | 0.003 | 0.003 |
| 103 | 05/08/2017 | 09:36:18 | 0.002 | 0.002 | 0.003 | 0.003 | 0.003 |
| 104 | 05/08/2017 | 09:37:18 | 0.002 | 0.003 | 0.003 | 0.003 | 0.003 |
| 105 | 05/08/2017 | 09:38:18 | 0.003 | 0.003 | 0.003 | 0.003 | 0.004 |
| 106 | 05/08/2017 | 09:39:18 | 0.003 | 0.003 | 0.003 | 0.003 | 0.003 |
| 107 | 05/08/2017 | 09:40:18 | 0.002 | 0.002 | 0.002 | 0.002 | 0.002 |
| 108 | 05/08/2017 | 09:41:18 | 0.004 | 0.004 | 0.004 | 0.006 | 0.006 |
| 109 | 05/08/2017 | 09:42:18 | 0.003 | 0.003 | 0.003 | 0.003 | 0.003 |
| 110 | 05/08/2017 | 09:43:18 | 0.003 | 0.003 | 0.003 | 0.003 | 0.003 |
| 111 | 05/08/2017 | 09:44:18 | 0.003 | 0.003 | 0.003 | 0.003 | 0.003 |

| Test Data | | | | | | | |
|------------|------------|----------|------------|--------------|-------------|-------------|--------------|
| Data Point | Date | Time | PM1 mg/m^3 | PM2.5 mg/m^3 | RESP mg/m^3 | PM10 mg/m^3 | TOTAL mg/m^3 |
| 112 | 05/08/2017 | 09:45:18 | 0.002 | 0.003 | 0.003 | 0.003 | 0.003 |
| 113 | 05/08/2017 | 09:46:18 | 0.002 | 0.002 | 0.002 | 0.002 | 0.003 |
| 114 | 05/08/2017 | 09:47:18 | 0.002 | 0.003 | 0.003 | 0.003 | 0.003 |
| 115 | 05/08/2017 | 09:48:18 | 0.002 | 0.003 | 0.003 | 0.003 | 0.003 |
| 116 | 05/08/2017 | 09:49:18 | 0.003 | 0.003 | 0.003 | 0.003 | 0.003 |
| 117 | 05/08/2017 | 09:50:18 | 0.003 | 0.003 | 0.003 | 0.003 | 0.004 |
| 118 | 05/08/2017 | 09:51:18 | 0.003 | 0.003 | 0.003 | 0.003 | 0.003 |
| 119 | 05/08/2017 | 09:52:18 | 0.003 | 0.003 | 0.003 | 0.003 | 0.003 |
| 120 | 05/08/2017 | 09:53:18 | 0.002 | 0.002 | 0.002 | 0.003 | 0.003 |
| 121 | 05/08/2017 | 09:54:18 | 0.002 | 0.002 | 0.002 | 0.003 | 0.003 |
| 122 | 05/08/2017 | 09:55:18 | 0.002 | 0.002 | 0.003 | 0.003 | 0.003 |
| 123 | 05/08/2017 | 09:56:18 | 0.002 | 0.002 | 0.002 | 0.002 | 0.002 |
| 124 | 05/08/2017 | 09:57:18 | 0.002 | 0.002 | 0.002 | 0.002 | 0.002 |
| 125 | 05/08/2017 | 09:58:18 | 0.002 | 0.002 | 0.002 | 0.003 | 0.003 |
| 126 | 05/08/2017 | 09:59:18 | 0.002 | 0.002 | 0.002 | 0.003 | 0.003 |
| 127 | 05/08/2017 | 10:00:18 | 0.002 | 0.002 | 0.002 | 0.003 | 0.003 |
| 128 | 05/08/2017 | 10:01:18 | 0.002 | 0.002 | 0.002 | 0.003 | 0.003 |
| 129 | 05/08/2017 | 10:02:18 | 0.002 | 0.002 | 0.002 | 0.003 | 0.003 |
| 130 | 05/08/2017 | 10:03:18 | 0.002 | 0.002 | 0.002 | 0.002 | 0.002 |
| 131 | 05/08/2017 | 10:04:18 | 0.002 | 0.003 | 0.003 | 0.003 | 0.003 |
| 132 | 05/08/2017 | 10:05:18 | 0.002 | 0.003 | 0.003 | 0.003 | 0.003 |
| 133 | 05/08/2017 | 10:06:18 | 0.002 | 0.003 | 0.003 | 0.003 | 0.003 |
| 134 | 05/08/2017 | 10:07:18 | 0.003 | 0.003 | 0.003 | 0.003 | 0.003 |
| 135 | 05/08/2017 | 10:08:18 | 0.002 | 0.002 | 0.002 | 0.003 | 0.003 |
| 136 | 05/08/2017 | 10:09:18 | 0.002 | 0.002 | 0.003 | 0.003 | 0.003 |
| 137 | 05/08/2017 | 10:10:18 | 0.002 | 0.003 | 0.003 | 0.003 | 0.003 |
| 138 | 05/08/2017 | 10:11:18 | 0.003 | 0.003 | 0.003 | 0.003 | 0.003 |
| 139 | 05/08/2017 | 10:12:18 | 0.003 | 0.003 | 0.003 | 0.003 | 0.003 |
| 140 | 05/08/2017 | 10:13:18 | 0.003 | 0.003 | 0.003 | 0.003 | 0.003 |
| 141 | 05/08/2017 | 10:14:18 | 0.003 | 0.003 | 0.003 | 0.003 | 0.003 |
| 142 | 05/08/2017 | 10:15:18 | 0.002 | 0.003 | 0.003 | 0.003 | 0.003 |
| 143 | 05/08/2017 | 10:16:18 | 0.003 | 0.003 | 0.003 | 0.003 | 0.003 |
| 144 | 05/08/2017 | 10:17:18 | 0.003 | 0.003 | 0.003 | 0.003 | 0.003 |
| 145 | 05/08/2017 | 10:18:18 | 0.003 | 0.003 | 0.003 | 0.003 | 0.003 |
| 146 | 05/08/2017 | 10:19:18 | 0.003 | 0.003 | 0.003 | 0.003 | 0.003 |
| 147 | 05/08/2017 | 10:20:18 | 0.002 | 0.003 | 0.003 | 0.003 | 0.003 |
| 148 | 05/08/2017 | 10:21:18 | 0.003 | 0.003 | 0.003 | 0.003 | 0.003 |
| 149 | 05/08/2017 | 10:22:18 | 0.003 | 0.003 | 0.003 | 0.003 | 0.003 |
| 150 | 05/08/2017 | 10:23:18 | 0.003 | 0.003 | 0.003 | 0.003 | 0.003 |
| 151 | 05/08/2017 | 10:24:18 | 0.002 | 0.003 | 0.003 | 0.003 | 0.003 |
| 152 | 05/08/2017 | 10:25:18 | 0.003 | 0.003 | 0.003 | 0.003 | 0.003 |
| 153 | 05/08/2017 | 10:26:18 | 0.002 | 0.002 | 0.003 | 0.003 | 0.003 |
| 154 | 05/08/2017 | 10:27:18 | 0.002 | 0.003 | 0.003 | 0.003 | 0.003 |
| 155 | 05/08/2017 | 10:28:18 | 0.002 | 0.003 | 0.003 | 0.003 | 0.003 |
| 156 | 05/08/2017 | 10:29:18 | 0.003 | 0.003 | 0.003 | 0.004 | 0.005 |
| 157 | 05/08/2017 | 10:30:18 | 0.002 | 0.003 | 0.003 | 0.003 | 0.003 |

| Test Data | | | | | | | |
|------------|------------|----------|------------|--------------|-------------|-------------|--------------|
| Data Point | Date | Time | PM1 mg/m^3 | PM2.5 mg/m^3 | RESP mg/m^3 | PM10 mg/m^3 | TOTAL mg/m^3 |
| 158 | 05/08/2017 | 10:31:18 | 0.003 | 0.003 | 0.003 | 0.003 | 0.004 |
| 159 | 05/08/2017 | 10:32:18 | 0.003 | 0.004 | 0.004 | 0.005 | 0.006 |
| 160 | 05/08/2017 | 10:33:18 | 0.003 | 0.003 | 0.003 | 0.003 | 0.003 |
| 161 | 05/08/2017 | 10:34:18 | 0.002 | 0.003 | 0.003 | 0.003 | 0.003 |
| 162 | 05/08/2017 | 10:35:18 | 0.002 | 0.002 | 0.002 | 0.003 | 0.003 |
| 163 | 05/08/2017 | 10:36:18 | 0.002 | 0.002 | 0.003 | 0.003 | 0.003 |
| 164 | 05/08/2017 | 10:37:18 | 0.003 | 0.003 | 0.003 | 0.004 | 0.005 |
| 165 | 05/08/2017 | 10:38:18 | 0.002 | 0.002 | 0.002 | 0.003 | 0.003 |
| 166 | 05/08/2017 | 10:39:18 | 0.002 | 0.002 | 0.002 | 0.002 | 0.002 |
| 167 | 05/08/2017 | 10:40:18 | 0.002 | 0.002 | 0.003 | 0.003 | 0.003 |
| 168 | 05/08/2017 | 10:41:18 | 0.002 | 0.002 | 0.002 | 0.003 | 0.003 |
| 169 | 05/08/2017 | 10:42:18 | 0.002 | 0.002 | 0.002 | 0.002 | 0.002 |
| 170 | 05/08/2017 | 10:43:18 | 0.003 | 0.003 | 0.003 | 0.003 | 0.003 |
| 171 | 05/08/2017 | 10:44:18 | 0.002 | 0.002 | 0.002 | 0.002 | 0.002 |
| 172 | 05/08/2017 | 10:45:18 | 0.002 | 0.002 | 0.002 | 0.003 | 0.003 |
| 173 | 05/08/2017 | 10:46:18 | 0.002 | 0.002 | 0.002 | 0.002 | 0.002 |
| 174 | 05/08/2017 | 10:47:18 | 0.002 | 0.002 | 0.002 | 0.003 | 0.003 |
| 175 | 05/08/2017 | 10:48:18 | 0.002 | 0.002 | 0.002 | 0.002 | 0.002 |
| 176 | 05/08/2017 | 10:49:18 | 0.002 | 0.002 | 0.002 | 0.002 | 0.002 |
| 177 | 05/08/2017 | 10:50:18 | 0.002 | 0.002 | 0.002 | 0.002 | 0.002 |
| 178 | 05/08/2017 | 10:51:18 | 0.003 | 0.003 | 0.003 | 0.003 | 0.004 |
| 179 | 05/08/2017 | 10:52:18 | 0.002 | 0.003 | 0.003 | 0.003 | 0.003 |
| 180 | 05/08/2017 | 10:53:18 | 0.002 | 0.002 | 0.002 | 0.003 | 0.003 |
| 181 | 05/08/2017 | 10:54:18 | 0.002 | 0.003 | 0.003 | 0.003 | 0.003 |
| 182 | 05/08/2017 | 10:55:18 | 0.002 | 0.002 | 0.002 | 0.003 | 0.003 |
| 183 | 05/08/2017 | 10:56:18 | 0.002 | 0.002 | 0.003 | 0.003 | 0.003 |
| 184 | 05/08/2017 | 10:57:18 | 0.002 | 0.003 | 0.003 | 0.003 | 0.003 |
| 185 | 05/08/2017 | 10:58:18 | 0.002 | 0.002 | 0.002 | 0.002 | 0.002 |
| 186 | 05/08/2017 | 10:59:18 | 0.002 | 0.002 | 0.002 | 0.003 | 0.003 |
| 187 | 05/08/2017 | 11:00:18 | 0.002 | 0.002 | 0.002 | 0.002 | 0.002 |
| 188 | 05/08/2017 | 11:01:18 | 0.002 | 0.002 | 0.002 | 0.003 | 0.003 |
| 189 | 05/08/2017 | 11:02:18 | 0.002 | 0.002 | 0.002 | 0.002 | 0.002 |
| 190 | 05/08/2017 | 11:03:18 | 0.002 | 0.002 | 0.002 | 0.002 | 0.002 |
| 191 | 05/08/2017 | 11:04:18 | 0.002 | 0.002 | 0.002 | 0.003 | 0.003 |
| 192 | 05/08/2017 | 11:05:18 | 0.002 | 0.002 | 0.002 | 0.002 | 0.002 |
| 193 | 05/08/2017 | 11:06:18 | 0.002 | 0.002 | 0.003 | 0.003 | 0.003 |
| 194 | 05/08/2017 | 11:07:18 | 0.002 | 0.003 | 0.003 | 0.003 | 0.003 |
| 195 | 05/08/2017 | 11:08:18 | 0.002 | 0.002 | 0.002 | 0.003 | 0.003 |
| 196 | 05/08/2017 | 11:09:18 | 0.002 | 0.002 | 0.002 | 0.003 | 0.003 |
| 197 | 05/08/2017 | 11:10:18 | 0.002 | 0.002 | 0.003 | 0.003 | 0.003 |
| 198 | 05/08/2017 | 11:11:18 | 0.002 | 0.002 | 0.002 | 0.003 | 0.003 |
| 199 | 05/08/2017 | 11:12:18 | 0.002 | 0.002 | 0.003 | 0.003 | 0.003 |
| 200 | 05/08/2017 | 11:13:18 | 0.002 | 0.002 | 0.003 | 0.003 | 0.003 |
| 201 | 05/08/2017 | 11:14:18 | 0.003 | 0.003 | 0.003 | 0.003 | 0.003 |
| 202 | 05/08/2017 | 11:15:18 | 0.002 | 0.002 | 0.003 | 0.003 | 0.003 |
| 203 | 05/08/2017 | 11:16:18 | 0.002 | 0.003 | 0.003 | 0.003 | 0.003 |

| Test Data | | | | | | | |
|------------|------------|----------|------------|--------------|-------------|-------------|--------------|
| Data Point | Date | Time | PM1 mg/m^3 | PM2.5 mg/m^3 | RESP mg/m^3 | PM10 mg/m^3 | TOTAL mg/m^3 |
| 204 | 05/08/2017 | 11:17:18 | 0.002 | 0.003 | 0.003 | 0.003 | 0.003 |
| 205 | 05/08/2017 | 11:18:18 | 0.002 | 0.003 | 0.003 | 0.003 | 0.003 |
| 206 | 05/08/2017 | 11:19:18 | 0.003 | 0.003 | 0.003 | 0.003 | 0.003 |
| 207 | 05/08/2017 | 11:20:18 | 0.002 | 0.002 | 0.003 | 0.003 | 0.003 |
| 208 | 05/08/2017 | 11:21:18 | 0.003 | 0.003 | 0.003 | 0.003 | 0.003 |
| 209 | 05/08/2017 | 11:22:18 | 0.003 | 0.003 | 0.003 | 0.003 | 0.003 |
| 210 | 05/08/2017 | 11:23:18 | 0.002 | 0.003 | 0.003 | 0.003 | 0.003 |
| 211 | 05/08/2017 | 11:24:18 | 0.003 | 0.003 | 0.003 | 0.003 | 0.003 |
| 212 | 05/08/2017 | 11:25:18 | 0.003 | 0.003 | 0.003 | 0.003 | 0.003 |
| 213 | 05/08/2017 | 11:26:18 | 0.002 | 0.003 | 0.003 | 0.003 | 0.003 |
| 214 | 05/08/2017 | 11:27:18 | 0.002 | 0.003 | 0.003 | 0.003 | 0.003 |
| 215 | 05/08/2017 | 11:28:18 | 0.002 | 0.002 | 0.003 | 0.003 | 0.003 |
| 216 | 05/08/2017 | 11:29:18 | 0.003 | 0.003 | 0.003 | 0.003 | 0.003 |
| 217 | 05/08/2017 | 11:30:18 | 0.003 | 0.003 | 0.003 | 0.003 | 0.003 |
| 218 | 05/08/2017 | 11:31:18 | 0.003 | 0.003 | 0.003 | 0.003 | 0.004 |
| 219 | 05/08/2017 | 11:32:18 | 0.003 | 0.003 | 0.003 | 0.003 | 0.003 |
| 220 | 05/08/2017 | 11:33:18 | 0.003 | 0.003 | 0.003 | 0.003 | 0.003 |
| 221 | 05/08/2017 | 11:34:18 | 0.002 | 0.003 | 0.003 | 0.003 | 0.003 |
| 222 | 05/08/2017 | 11:35:18 | 0.003 | 0.003 | 0.003 | 0.003 | 0.003 |
| 223 | 05/08/2017 | 11:36:18 | 0.002 | 0.003 | 0.003 | 0.003 | 0.003 |
| 224 | 05/08/2017 | 11:37:18 | 0.003 | 0.003 | 0.003 | 0.003 | 0.003 |
| 225 | 05/08/2017 | 11:38:18 | 0.003 | 0.003 | 0.003 | 0.004 | 0.004 |
| 226 | 05/08/2017 | 11:39:18 | 0.003 | 0.003 | 0.003 | 0.003 | 0.003 |
| 227 | 05/08/2017 | 11:40:18 | 0.003 | 0.003 | 0.003 | 0.003 | 0.003 |
| 228 | 05/08/2017 | 11:41:18 | 0.002 | 0.003 | 0.003 | 0.003 | 0.003 |
| 229 | 05/08/2017 | 11:42:18 | 0.002 | 0.003 | 0.003 | 0.003 | 0.003 |
| 230 | 05/08/2017 | 11:43:18 | 0.002 | 0.003 | 0.003 | 0.003 | 0.003 |
| 231 | 05/08/2017 | 11:44:18 | 0.003 | 0.003 | 0.003 | 0.003 | 0.003 |
| 232 | 05/08/2017 | 11:45:18 | 0.002 | 0.003 | 0.003 | 0.003 | 0.003 |
| 233 | 05/08/2017 | 11:46:18 | 0.003 | 0.003 | 0.003 | 0.003 | 0.003 |
| 234 | 05/08/2017 | 11:47:18 | 0.002 | 0.003 | 0.003 | 0.003 | 0.003 |
| 235 | 05/08/2017 | 11:48:18 | 0.002 | 0.002 | 0.002 | 0.003 | 0.003 |
| 236 | 05/08/2017 | 11:49:18 | 0.002 | 0.002 | 0.002 | 0.002 | 0.002 |
| 237 | 05/08/2017 | 11:50:18 | 0.002 | 0.003 | 0.003 | 0.003 | 0.003 |
| 238 | 05/08/2017 | 11:51:18 | 0.002 | 0.002 | 0.003 | 0.003 | 0.003 |
| 239 | 05/08/2017 | 11:52:18 | 0.002 | 0.002 | 0.003 | 0.003 | 0.003 |
| 240 | 05/08/2017 | 11:53:18 | 0.003 | 0.003 | 0.003 | 0.003 | 0.003 |
| 241 | 05/08/2017 | 11:54:18 | 0.003 | 0.003 | 0.003 | 0.003 | 0.003 |
| 242 | 05/08/2017 | 11:55:18 | 0.003 | 0.003 | 0.003 | 0.003 | 0.003 |
| 243 | 05/08/2017 | 11:56:18 | 0.003 | 0.003 | 0.003 | 0.003 | 0.003 |
| 244 | 05/08/2017 | 11:57:18 | 0.003 | 0.003 | 0.003 | 0.003 | 0.003 |
| 245 | 05/08/2017 | 11:58:18 | 0.003 | 0.003 | 0.003 | 0.003 | 0.003 |
| 246 | 05/08/2017 | 11:59:18 | 0.003 | 0.003 | 0.003 | 0.003 | 0.003 |
| 247 | 05/08/2017 | 12:00:18 | 0.003 | 0.003 | 0.003 | 0.003 | 0.003 |
| 248 | 05/08/2017 | 12:01:18 | 0.003 | 0.003 | 0.003 | 0.003 | 0.003 |
| 249 | 05/08/2017 | 12:02:18 | 0.003 | 0.003 | 0.003 | 0.003 | 0.003 |

| Test Data | | | | | | | |
|------------|------------|----------|------------|--------------|-------------|-------------|--------------|
| Data Point | Date | Time | PM1 mg/m^3 | PM2.5 mg/m^3 | RESP mg/m^3 | PM10 mg/m^3 | TOTAL mg/m^3 |
| 250 | 05/08/2017 | 12:03:18 | 0.002 | 0.003 | 0.003 | 0.003 | 0.003 |
| 251 | 05/08/2017 | 12:04:18 | 0.002 | 0.003 | 0.003 | 0.003 | 0.003 |
| 252 | 05/08/2017 | 12:05:18 | 0.003 | 0.003 | 0.003 | 0.003 | 0.003 |
| 253 | 05/08/2017 | 12:06:18 | 0.003 | 0.003 | 0.003 | 0.003 | 0.003 |
| 254 | 05/08/2017 | 12:07:18 | 0.003 | 0.003 | 0.003 | 0.003 | 0.003 |
| 255 | 05/08/2017 | 12:08:18 | 0.003 | 0.003 | 0.003 | 0.003 | 0.003 |
| 256 | 05/08/2017 | 12:09:18 | 0.003 | 0.003 | 0.003 | 0.003 | 0.003 |
| 257 | 05/08/2017 | 12:10:18 | 0.003 | 0.003 | 0.003 | 0.003 | 0.003 |
| 258 | 05/08/2017 | 12:11:18 | 0.003 | 0.003 | 0.003 | 0.003 | 0.003 |
| 259 | 05/08/2017 | 12:12:18 | 0.003 | 0.003 | 0.003 | 0.003 | 0.003 |
| 260 | 05/08/2017 | 12:13:18 | 0.003 | 0.003 | 0.003 | 0.003 | 0.003 |
| 261 | 05/08/2017 | 12:14:18 | 0.003 | 0.003 | 0.003 | 0.003 | 0.004 |
| 262 | 05/08/2017 | 12:15:18 | 0.003 | 0.003 | 0.003 | 0.003 | 0.003 |
| 263 | 05/08/2017 | 12:16:18 | 0.003 | 0.003 | 0.003 | 0.003 | 0.003 |
| 264 | 05/08/2017 | 12:17:18 | 0.003 | 0.003 | 0.003 | 0.003 | 0.003 |
| 265 | 05/08/2017 | 12:18:18 | 0.003 | 0.003 | 0.003 | 0.003 | 0.003 |
| 266 | 05/08/2017 | 12:19:18 | 0.003 | 0.003 | 0.003 | 0.003 | 0.003 |
| 267 | 05/08/2017 | 12:20:18 | 0.003 | 0.003 | 0.003 | 0.003 | 0.003 |
| 268 | 05/08/2017 | 12:21:18 | 0.003 | 0.003 | 0.003 | 0.003 | 0.003 |
| 269 | 05/08/2017 | 12:22:18 | 0.003 | 0.003 | 0.003 | 0.003 | 0.003 |
| 270 | 05/08/2017 | 12:23:18 | 0.003 | 0.003 | 0.003 | 0.003 | 0.003 |
| 271 | 05/08/2017 | 12:24:18 | 0.003 | 0.003 | 0.003 | 0.003 | 0.003 |
| 272 | 05/08/2017 | 12:25:18 | 0.003 | 0.003 | 0.003 | 0.003 | 0.003 |
| 273 | 05/08/2017 | 12:26:18 | 0.003 | 0.003 | 0.003 | 0.004 | 0.004 |
| 274 | 05/08/2017 | 12:27:18 | 0.003 | 0.003 | 0.003 | 0.003 | 0.003 |
| 275 | 05/08/2017 | 12:28:18 | 0.003 | 0.003 | 0.003 | 0.003 | 0.003 |
| 276 | 05/08/2017 | 12:29:18 | 0.003 | 0.003 | 0.003 | 0.003 | 0.003 |
| 277 | 05/08/2017 | 12:30:18 | 0.003 | 0.003 | 0.003 | 0.003 | 0.003 |
| 278 | 05/08/2017 | 12:31:18 | 0.003 | 0.003 | 0.003 | 0.004 | 0.004 |
| 279 | 05/08/2017 | 12:32:18 | 0.003 | 0.003 | 0.003 | 0.004 | 0.005 |
| 280 | 05/08/2017 | 12:33:18 | 0.003 | 0.003 | 0.003 | 0.004 | 0.004 |
| 281 | 05/08/2017 | 12:34:18 | 0.003 | 0.003 | 0.003 | 0.003 | 0.003 |
| 282 | 05/08/2017 | 12:35:18 | 0.003 | 0.003 | 0.003 | 0.003 | 0.003 |
| 283 | 05/08/2017 | 12:36:18 | 0.003 | 0.003 | 0.003 | 0.004 | 0.004 |
| 284 | 05/08/2017 | 12:37:18 | 0.003 | 0.003 | 0.003 | 0.004 | 0.005 |
| 285 | 05/08/2017 | 12:38:18 | 0.003 | 0.003 | 0.003 | 0.003 | 0.003 |
| 286 | 05/08/2017 | 12:39:18 | 0.003 | 0.003 | 0.003 | 0.003 | 0.003 |
| 287 | 05/08/2017 | 12:40:18 | 0.003 | 0.003 | 0.003 | 0.003 | 0.003 |
| 288 | 05/08/2017 | 12:41:18 | 0.003 | 0.003 | 0.003 | 0.003 | 0.004 |
| 289 | 05/08/2017 | 12:42:18 | 0.003 | 0.003 | 0.003 | 0.003 | 0.003 |
| 290 | 05/08/2017 | 12:43:18 | 0.003 | 0.003 | 0.003 | 0.003 | 0.003 |
| 291 | 05/08/2017 | 12:44:18 | 0.003 | 0.003 | 0.003 | 0.003 | 0.003 |
| 292 | 05/08/2017 | 12:45:18 | 0.003 | 0.003 | 0.003 | 0.003 | 0.003 |
| 293 | 05/08/2017 | 12:46:18 | 0.003 | 0.003 | 0.003 | 0.003 | 0.003 |
| 294 | 05/08/2017 | 12:47:18 | 0.003 | 0.003 | 0.003 | 0.003 | 0.003 |
| 295 | 05/08/2017 | 12:48:18 | 0.003 | 0.003 | 0.003 | 0.003 | 0.004 |

| Test Data | | | | | | | |
|------------|------------|----------|------------|--------------|-------------|-------------|--------------|
| Data Point | Date | Time | PM1 mg/m^3 | PM2.5 mg/m^3 | RESP mg/m^3 | PM10 mg/m^3 | TOTAL mg/m^3 |
| 296 | 05/08/2017 | 12:49:18 | 0.003 | 0.003 | 0.003 | 0.003 | 0.003 |
| 297 | 05/08/2017 | 12:50:18 | 0.003 | 0.003 | 0.003 | 0.003 | 0.003 |
| 298 | 05/08/2017 | 12:51:18 | 0.003 | 0.003 | 0.003 | 0.003 | 0.003 |
| 299 | 05/08/2017 | 12:52:18 | 0.003 | 0.003 | 0.003 | 0.003 | 0.003 |
| 300 | 05/08/2017 | 12:53:18 | 0.003 | 0.003 | 0.003 | 0.003 | 0.003 |
| 301 | 05/08/2017 | 12:54:18 | 0.003 | 0.003 | 0.003 | 0.004 | 0.004 |
| 302 | 05/08/2017 | 12:55:18 | 0.003 | 0.003 | 0.003 | 0.003 | 0.003 |
| 303 | 05/08/2017 | 12:56:18 | 0.003 | 0.003 | 0.003 | 0.003 | 0.004 |
| 304 | 05/08/2017 | 12:57:18 | 0.003 | 0.003 | 0.003 | 0.003 | 0.004 |
| 305 | 05/08/2017 | 12:58:18 | 0.003 | 0.003 | 0.003 | 0.003 | 0.003 |
| 306 | 05/08/2017 | 12:59:18 | 0.003 | 0.003 | 0.003 | 0.003 | 0.003 |
| 307 | 05/08/2017 | 13:00:18 | 0.003 | 0.003 | 0.003 | 0.003 | 0.003 |
| 308 | 05/08/2017 | 13:01:18 | 0.003 | 0.003 | 0.003 | 0.003 | 0.003 |
| 309 | 05/08/2017 | 13:02:18 | 0.003 | 0.003 | 0.003 | 0.003 | 0.003 |
| 310 | 05/08/2017 | 13:03:18 | 0.003 | 0.003 | 0.003 | 0.004 | 0.004 |
| 311 | 05/08/2017 | 13:04:18 | 0.003 | 0.003 | 0.003 | 0.003 | 0.003 |
| 312 | 05/08/2017 | 13:05:18 | 0.003 | 0.003 | 0.003 | 0.003 | 0.004 |
| 313 | 05/08/2017 | 13:06:18 | 0.003 | 0.003 | 0.003 | 0.003 | 0.004 |
| 314 | 05/08/2017 | 13:07:18 | 0.003 | 0.003 | 0.003 | 0.003 | 0.003 |
| 315 | 05/08/2017 | 13:08:18 | 0.003 | 0.003 | 0.003 | 0.003 | 0.003 |
| 316 | 05/08/2017 | 13:09:18 | 0.003 | 0.003 | 0.003 | 0.004 | 0.004 |
| 317 | 05/08/2017 | 13:10:18 | 0.003 | 0.003 | 0.003 | 0.003 | 0.004 |
| 318 | 05/08/2017 | 13:11:18 | 0.003 | 0.003 | 0.003 | 0.003 | 0.003 |
| 319 | 05/08/2017 | 13:12:18 | 0.003 | 0.003 | 0.003 | 0.004 | 0.004 |
| 320 | 05/08/2017 | 13:13:18 | 0.003 | 0.003 | 0.003 | 0.004 | 0.004 |
| 321 | 05/08/2017 | 13:14:18 | 0.003 | 0.003 | 0.003 | 0.003 | 0.003 |
| 322 | 05/08/2017 | 13:15:18 | 0.003 | 0.003 | 0.003 | 0.004 | 0.004 |
| 323 | 05/08/2017 | 13:16:18 | 0.003 | 0.003 | 0.003 | 0.004 | 0.004 |
| 324 | 05/08/2017 | 13:17:18 | 0.003 | 0.003 | 0.003 | 0.003 | 0.003 |
| 325 | 05/08/2017 | 13:18:18 | 0.003 | 0.003 | 0.003 | 0.003 | 0.004 |
| 326 | 05/08/2017 | 13:19:18 | 0.003 | 0.003 | 0.003 | 0.004 | 0.004 |
| 327 | 05/08/2017 | 13:20:18 | 0.003 | 0.003 | 0.003 | 0.004 | 0.004 |
| 328 | 05/08/2017 | 13:21:18 | 0.003 | 0.003 | 0.003 | 0.004 | 0.004 |
| 329 | 05/08/2017 | 13:22:18 | 0.003 | 0.003 | 0.003 | 0.004 | 0.004 |
| 330 | 05/08/2017 | 13:23:18 | 0.003 | 0.003 | 0.003 | 0.003 | 0.003 |
| 331 | 05/08/2017 | 13:24:18 | 0.003 | 0.003 | 0.003 | 0.003 | 0.003 |
| 332 | 05/08/2017 | 13:25:18 | 0.003 | 0.003 | 0.003 | 0.004 | 0.004 |
| 333 | 05/08/2017 | 13:26:18 | 0.003 | 0.003 | 0.003 | 0.004 | 0.004 |
| 334 | 05/08/2017 | 13:27:18 | 0.003 | 0.003 | 0.003 | 0.003 | 0.003 |
| 335 | 05/08/2017 | 13:28:18 | 0.003 | 0.003 | 0.003 | 0.003 | 0.003 |
| 336 | 05/08/2017 | 13:29:18 | 0.003 | 0.003 | 0.003 | 0.004 | 0.004 |
| 337 | 05/08/2017 | 13:30:18 | 0.003 | 0.003 | 0.003 | 0.003 | 0.004 |
| 338 | 05/08/2017 | 13:31:18 | 0.003 | 0.003 | 0.003 | 0.003 | 0.004 |
| 339 | 05/08/2017 | 13:32:18 | 0.003 | 0.003 | 0.003 | 0.004 | 0.004 |
| 340 | 05/08/2017 | 13:33:18 | 0.003 | 0.003 | 0.003 | 0.004 | 0.005 |
| 341 | 05/08/2017 | 13:34:18 | 0.003 | 0.003 | 0.003 | 0.003 | 0.004 |

| Test Data | | | | | | | |
|------------|------------|----------|------------|--------------|-------------|-------------|--------------|
| Data Point | Date | Time | PM1 mg/m^3 | PM2.5 mg/m^3 | RESP mg/m^3 | PM10 mg/m^3 | TOTAL mg/m^3 |
| 342 | 05/08/2017 | 13:35:18 | 0.004 | 0.004 | 0.004 | 0.004 | 0.005 |
| 343 | 05/08/2017 | 13:36:18 | 0.003 | 0.004 | 0.004 | 0.004 | 0.005 |
| 344 | 05/08/2017 | 13:37:18 | 0.003 | 0.003 | 0.003 | 0.003 | 0.003 |
| 345 | 05/08/2017 | 13:38:18 | 0.003 | 0.003 | 0.003 | 0.004 | 0.004 |
| 346 | 05/08/2017 | 13:39:18 | 0.003 | 0.003 | 0.003 | 0.004 | 0.004 |
| 347 | 05/08/2017 | 13:40:18 | 0.003 | 0.003 | 0.003 | 0.004 | 0.004 |
| 348 | 05/08/2017 | 13:41:18 | 0.003 | 0.003 | 0.003 | 0.003 | 0.003 |
| 349 | 05/08/2017 | 13:42:18 | 0.003 | 0.003 | 0.003 | 0.003 | 0.004 |
| 350 | 05/08/2017 | 13:43:18 | 0.003 | 0.003 | 0.003 | 0.003 | 0.003 |
| 351 | 05/08/2017 | 13:44:18 | 0.003 | 0.003 | 0.003 | 0.004 | 0.004 |
| 352 | 05/08/2017 | 13:45:18 | 0.003 | 0.003 | 0.003 | 0.003 | 0.003 |
| 353 | 05/08/2017 | 13:46:18 | 0.003 | 0.003 | 0.003 | 0.004 | 0.004 |
| 354 | 05/08/2017 | 13:47:18 | 0.003 | 0.003 | 0.003 | 0.003 | 0.003 |
| 355 | 05/08/2017 | 13:48:18 | 0.003 | 0.003 | 0.003 | 0.003 | 0.003 |
| 356 | 05/08/2017 | 13:49:18 | 0.003 | 0.003 | 0.003 | 0.004 | 0.004 |
| 357 | 05/08/2017 | 13:50:18 | 0.003 | 0.003 | 0.003 | 0.004 | 0.004 |
| 358 | 05/08/2017 | 13:51:18 | 0.003 | 0.003 | 0.003 | 0.003 | 0.003 |
| 359 | 05/08/2017 | 13:52:18 | 0.003 | 0.003 | 0.003 | 0.004 | 0.004 |
| 360 | 05/08/2017 | 13:53:18 | 0.003 | 0.003 | 0.003 | 0.004 | 0.004 |
| 361 | 05/08/2017 | 13:54:18 | 0.003 | 0.003 | 0.003 | 0.003 | 0.003 |
| 362 | 05/08/2017 | 13:55:18 | 0.003 | 0.003 | 0.003 | 0.004 | 0.004 |
| 363 | 05/08/2017 | 13:56:18 | 0.003 | 0.003 | 0.003 | 0.004 | 0.004 |
| 364 | 05/08/2017 | 13:57:18 | 0.003 | 0.003 | 0.003 | 0.004 | 0.004 |
| 365 | 05/08/2017 | 13:58:18 | 0.003 | 0.003 | 0.003 | 0.004 | 0.004 |
| 366 | 05/08/2017 | 13:59:18 | 0.003 | 0.003 | 0.003 | 0.003 | 0.003 |
| 367 | 05/08/2017 | 14:00:18 | 0.003 | 0.003 | 0.003 | 0.003 | 0.003 |
| 368 | 05/08/2017 | 14:01:18 | 0.003 | 0.003 | 0.003 | 0.003 | 0.003 |
| 369 | 05/08/2017 | 14:02:18 | 0.003 | 0.003 | 0.003 | 0.003 | 0.004 |
| 370 | 05/08/2017 | 14:03:18 | 0.003 | 0.003 | 0.003 | 0.004 | 0.004 |
| 371 | 05/08/2017 | 14:04:18 | 0.003 | 0.004 | 0.004 | 0.004 | 0.004 |
| 372 | 05/08/2017 | 14:05:18 | 0.003 | 0.003 | 0.003 | 0.003 | 0.003 |
| 373 | 05/08/2017 | 14:06:18 | 0.003 | 0.003 | 0.003 | 0.003 | 0.003 |
| 374 | 05/08/2017 | 14:07:18 | 0.004 | 0.004 | 0.004 | 0.005 | 0.005 |
| 375 | 05/08/2017 | 14:08:18 | 0.003 | 0.003 | 0.003 | 0.004 | 0.004 |
| 376 | 05/08/2017 | 14:09:18 | 0.003 | 0.003 | 0.003 | 0.004 | 0.004 |
| 377 | 05/08/2017 | 14:10:18 | 0.003 | 0.003 | 0.003 | 0.004 | 0.004 |
| 378 | 05/08/2017 | 14:11:18 | 0.003 | 0.003 | 0.003 | 0.004 | 0.004 |
| 379 | 05/08/2017 | 14:12:18 | 0.003 | 0.003 | 0.003 | 0.003 | 0.003 |
| 380 | 05/08/2017 | 14:13:18 | 0.005 | 0.006 | 0.006 | 0.010 | 0.012 |
| 381 | 05/08/2017 | 14:14:18 | 0.003 | 0.003 | 0.003 | 0.003 | 0.003 |
| 382 | 05/08/2017 | 14:15:18 | 0.003 | 0.003 | 0.003 | 0.003 | 0.003 |
| 383 | 05/08/2017 | 14:16:18 | 0.003 | 0.003 | 0.003 | 0.003 | 0.003 |
| 384 | 05/08/2017 | 14:17:18 | 0.003 | 0.003 | 0.004 | 0.004 | 0.004 |
| 385 | 05/08/2017 | 14:18:18 | 0.003 | 0.003 | 0.003 | 0.004 | 0.004 |
| 386 | 05/08/2017 | 14:19:18 | 0.003 | 0.003 | 0.003 | 0.004 | 0.004 |
| 387 | 05/08/2017 | 14:20:18 | 0.003 | 0.003 | 0.003 | 0.004 | 0.004 |

| Test Data | | | | | | | |
|------------|------------|----------|------------|--------------|-------------|-------------|--------------|
| Data Point | Date | Time | PM1 mg/m^3 | PM2.5 mg/m^3 | RESP mg/m^3 | PM10 mg/m^3 | TOTAL mg/m^3 |
| 388 | 05/08/2017 | 14:21:18 | 0.003 | 0.003 | 0.003 | 0.004 | 0.004 |
| 389 | 05/08/2017 | 14:22:18 | 0.003 | 0.003 | 0.003 | 0.003 | 0.003 |
| 390 | 05/08/2017 | 14:23:18 | 0.003 | 0.003 | 0.003 | 0.004 | 0.004 |
| 391 | 05/08/2017 | 14:24:18 | 0.003 | 0.003 | 0.003 | 0.004 | 0.004 |
| 392 | 05/08/2017 | 14:25:18 | 0.003 | 0.003 | 0.003 | 0.004 | 0.004 |
| 393 | 05/08/2017 | 14:26:18 | 0.003 | 0.003 | 0.003 | 0.004 | 0.004 |
| 394 | 05/08/2017 | 14:27:18 | 0.003 | 0.003 | 0.003 | 0.003 | 0.004 |
| 395 | 05/08/2017 | 14:28:18 | 0.003 | 0.003 | 0.003 | 0.003 | 0.004 |
| 396 | 05/08/2017 | 14:29:18 | 0.003 | 0.003 | 0.003 | 0.004 | 0.005 |
| 397 | 05/08/2017 | 14:30:18 | 0.003 | 0.004 | 0.004 | 0.005 | 0.005 |
| 398 | 05/08/2017 | 14:31:18 | 0.003 | 0.003 | 0.003 | 0.004 | 0.004 |
| 399 | 05/08/2017 | 14:32:18 | 0.003 | 0.003 | 0.003 | 0.003 | 0.003 |
| 400 | 05/08/2017 | 14:33:18 | 0.003 | 0.003 | 0.003 | 0.003 | 0.003 |
| 401 | 05/08/2017 | 14:34:18 | 0.003 | 0.003 | 0.003 | 0.003 | 0.003 |
| 402 | 05/08/2017 | 14:35:18 | 0.003 | 0.003 | 0.003 | 0.003 | 0.003 |
| 403 | 05/08/2017 | 14:36:18 | 0.003 | 0.003 | 0.003 | 0.003 | 0.003 |
| 404 | 05/08/2017 | 14:37:18 | 0.003 | 0.003 | 0.003 | 0.003 | 0.003 |
| 405 | 05/08/2017 | 14:38:18 | 0.003 | 0.003 | 0.003 | 0.004 | 0.004 |
| 406 | 05/08/2017 | 14:39:18 | 0.003 | 0.003 | 0.003 | 0.004 | 0.004 |
| 407 | 05/08/2017 | 14:40:18 | 0.003 | 0.003 | 0.003 | 0.003 | 0.004 |
| 408 | 05/08/2017 | 14:41:18 | 0.003 | 0.003 | 0.003 | 0.004 | 0.004 |
| 409 | 05/08/2017 | 14:42:18 | 0.003 | 0.003 | 0.003 | 0.004 | 0.004 |
| 410 | 05/08/2017 | 14:43:18 | 0.003 | 0.003 | 0.004 | 0.004 | 0.004 |
| 411 | 05/08/2017 | 14:44:18 | 0.003 | 0.003 | 0.003 | 0.004 | 0.004 |
| 412 | 05/08/2017 | 14:45:18 | 0.003 | 0.003 | 0.003 | 0.004 | 0.004 |
| 413 | 05/08/2017 | 14:46:18 | 0.003 | 0.003 | 0.003 | 0.004 | 0.004 |
| 414 | 05/08/2017 | 14:47:18 | 0.003 | 0.003 | 0.003 | 0.003 | 0.004 |
| 415 | 05/08/2017 | 14:48:18 | 0.003 | 0.003 | 0.004 | 0.004 | 0.004 |
| 416 | 05/08/2017 | 14:49:18 | 0.003 | 0.003 | 0.003 | 0.004 | 0.004 |
| 417 | 05/08/2017 | 14:50:18 | 0.004 | 0.004 | 0.004 | 0.004 | 0.004 |
| 418 | 05/08/2017 | 14:51:18 | 0.003 | 0.004 | 0.004 | 0.004 | 0.004 |
| 419 | 05/08/2017 | 14:52:18 | 0.003 | 0.004 | 0.004 | 0.004 | 0.005 |
| 420 | 05/08/2017 | 14:53:18 | 0.003 | 0.003 | 0.004 | 0.004 | 0.004 |
| 421 | 05/08/2017 | 14:54:18 | 0.003 | 0.003 | 0.003 | 0.004 | 0.004 |
| 422 | 05/08/2017 | 14:55:18 | 0.003 | 0.003 | 0.003 | 0.004 | 0.004 |
| 423 | 05/08/2017 | 14:56:18 | 0.003 | 0.003 | 0.003 | 0.003 | 0.004 |
| 424 | 05/08/2017 | 14:57:18 | 0.003 | 0.003 | 0.003 | 0.004 | 0.004 |
| 425 | 05/08/2017 | 14:58:18 | 0.003 | 0.003 | 0.003 | 0.004 | 0.004 |
| 426 | 05/08/2017 | 14:59:18 | 0.003 | 0.003 | 0.003 | 0.004 | 0.004 |
| 427 | 05/08/2017 | 15:00:18 | 0.003 | 0.003 | 0.004 | 0.004 | 0.004 |
| 428 | 05/08/2017 | 15:01:18 | 0.003 | 0.003 | 0.003 | 0.003 | 0.004 |
| 429 | 05/08/2017 | 15:02:18 | 0.003 | 0.003 | 0.004 | 0.004 | 0.004 |
| 430 | 05/08/2017 | 15:03:18 | 0.003 | 0.003 | 0.003 | 0.004 | 0.004 |
| 431 | 05/08/2017 | 15:04:18 | 0.003 | 0.003 | 0.003 | 0.004 | 0.004 |
| 432 | 05/08/2017 | 15:05:18 | 0.003 | 0.003 | 0.003 | 0.003 | 0.003 |
| 433 | 05/08/2017 | 15:06:18 | 0.003 | 0.003 | 0.003 | 0.004 | 0.004 |

| Test Data | | | | | | | |
|------------|------------|----------|------------|--------------|-------------|-------------|--------------|
| Data Point | Date | Time | PM1 mg/m^3 | PM2.5 mg/m^3 | RESP mg/m^3 | PM10 mg/m^3 | TOTAL mg/m^3 |
| 434 | 05/08/2017 | 15:07:18 | 0.003 | 0.003 | 0.003 | 0.003 | 0.003 |
| 435 | 05/08/2017 | 15:08:18 | 0.003 | 0.003 | 0.003 | 0.003 | 0.003 |
| 436 | 05/08/2017 | 15:09:18 | 0.003 | 0.003 | 0.004 | 0.004 | 0.004 |
| 437 | 05/08/2017 | 15:10:18 | 0.003 | 0.003 | 0.003 | 0.003 | 0.003 |
| 438 | 05/08/2017 | 15:11:18 | 0.003 | 0.003 | 0.003 | 0.004 | 0.004 |
| 439 | 05/08/2017 | 15:12:18 | 0.003 | 0.003 | 0.003 | 0.003 | 0.003 |
| 440 | 05/08/2017 | 15:13:18 | 0.003 | 0.003 | 0.003 | 0.003 | 0.003 |
| 441 | 05/08/2017 | 15:14:18 | 0.003 | 0.003 | 0.003 | 0.003 | 0.003 |
| 442 | 05/08/2017 | 15:15:18 | 0.003 | 0.003 | 0.003 | 0.003 | 0.003 |
| 443 | 05/08/2017 | 15:16:18 | 0.003 | 0.003 | 0.003 | 0.004 | 0.004 |
| 444 | 05/08/2017 | 15:17:18 | 0.003 | 0.003 | 0.003 | 0.004 | 0.004 |
| 445 | 05/08/2017 | 15:18:18 | 0.003 | 0.003 | 0.003 | 0.003 | 0.003 |
| 446 | 05/08/2017 | 15:19:18 | 0.003 | 0.003 | 0.003 | 0.004 | 0.004 |
| 447 | 05/08/2017 | 15:20:18 | 0.003 | 0.003 | 0.003 | 0.003 | 0.003 |
| 448 | 05/08/2017 | 15:21:18 | 0.003 | 0.004 | 0.004 | 0.005 | 0.005 |
| 449 | 05/08/2017 | 15:22:18 | 0.003 | 0.003 | 0.003 | 0.003 | 0.004 |
| 450 | 05/08/2017 | 15:23:18 | 0.003 | 0.003 | 0.003 | 0.004 | 0.004 |
| 451 | 05/08/2017 | 15:24:18 | 0.003 | 0.003 | 0.003 | 0.004 | 0.004 |
| 452 | 05/08/2017 | 15:25:18 | 0.003 | 0.003 | 0.003 | 0.003 | 0.003 |
| 453 | 05/08/2017 | 15:26:18 | 0.003 | 0.003 | 0.003 | 0.003 | 0.003 |
| 454 | 05/08/2017 | 15:27:18 | 0.003 | 0.003 | 0.003 | 0.004 | 0.004 |
| 455 | 05/08/2017 | 15:28:18 | 0.003 | 0.003 | 0.003 | 0.003 | 0.003 |
| 456 | 05/08/2017 | 15:29:18 | 0.003 | 0.003 | 0.003 | 0.003 | 0.003 |
| 457 | 05/08/2017 | 15:30:18 | 0.003 | 0.003 | 0.003 | 0.003 | 0.003 |
| 458 | 05/08/2017 | 15:31:18 | 0.003 | 0.003 | 0.003 | 0.003 | 0.003 |
| 459 | 05/08/2017 | 15:32:18 | 0.003 | 0.003 | 0.003 | 0.003 | 0.003 |
| 460 | 05/08/2017 | 15:33:18 | 0.003 | 0.003 | 0.003 | 0.003 | 0.003 |
| 461 | 05/08/2017 | 15:34:18 | 0.003 | 0.003 | 0.003 | 0.003 | 0.003 |
| 462 | 05/08/2017 | 15:35:18 | 0.003 | 0.003 | 0.003 | 0.003 | 0.003 |
| 463 | 05/08/2017 | 15:36:18 | 0.003 | 0.003 | 0.003 | 0.003 | 0.003 |
| 464 | 05/08/2017 | 15:37:18 | 0.003 | 0.003 | 0.003 | 0.003 | 0.003 |
| 465 | 05/08/2017 | 15:38:18 | 0.003 | 0.003 | 0.003 | 0.003 | 0.004 |
| 466 | 05/08/2017 | 15:39:18 | 0.003 | 0.003 | 0.003 | 0.003 | 0.003 |
| 467 | 05/08/2017 | 15:40:18 | 0.003 | 0.003 | 0.003 | 0.003 | 0.003 |
| 468 | 05/08/2017 | 15:41:18 | 0.003 | 0.003 | 0.003 | 0.003 | 0.003 |
| 469 | 05/08/2017 | 15:42:18 | 0.003 | 0.003 | 0.004 | 0.004 | 0.004 |
| 470 | 05/08/2017 | 15:43:18 | 0.003 | 0.003 | 0.003 | 0.004 | 0.004 |
| 471 | 05/08/2017 | 15:44:18 | 0.003 | 0.003 | 0.003 | 0.003 | 0.003 |
| 472 | 05/08/2017 | 15:45:18 | 0.003 | 0.003 | 0.003 | 0.003 | 0.003 |
| 473 | 05/08/2017 | 15:46:18 | 0.003 | 0.003 | 0.003 | 0.004 | 0.004 |
| 474 | 05/08/2017 | 15:47:18 | 0.003 | 0.004 | 0.004 | 0.004 | 0.004 |
| 475 | 05/08/2017 | 15:48:18 | 0.003 | 0.004 | 0.004 | 0.004 | 0.004 |
| 476 | 05/08/2017 | 15:49:18 | 0.004 | 0.004 | 0.005 | 0.006 | 0.006 |
| 477 | 05/08/2017 | 15:50:18 | 0.004 | 0.004 | 0.004 | 0.005 | 0.006 |
| 478 | 05/08/2017 | 15:51:18 | 0.004 | 0.004 | 0.004 | 0.005 | 0.005 |
| 479 | 05/08/2017 | 15:52:18 | 0.004 | 0.004 | 0.004 | 0.004 | 0.005 |

| Test Data | | | | | | | |
|------------|------------|----------|------------|--------------|-------------|-------------|--------------|
| Data Point | Date | Time | PM1 mg/m^3 | PM2.5 mg/m^3 | RESP mg/m^3 | PM10 mg/m^3 | TOTAL mg/m^3 |
| 480 | 05/08/2017 | 15:53:18 | 0.006 | 0.006 | 0.006 | 0.008 | 0.008 |

Test 008

Location CL-3

Site 3 RR

| Instrument | | Data Properties | |
|----------------|--------------|------------------|------------|
| Model | DustTrak DRX | Start Date | 05/08/2017 |
| Instrument S/N | 8533141003 | Start Time | 09:00:23 |
| | | Stop Date | 05/08/2017 |
| | | Stop Time | 17:00:23 |
| | | Total Time | 0:08:00:00 |
| | | Logging Interval | 60 seconds |

| Statistics | | | | | |
|----------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| | PM1 | PM2.5 | RESP | PM10 | TOTAL |
| Avg | 0.004 mg/m ³ |
| Max | 0.009 mg/m ³ | 0.009 mg/m ³ | 0.011 mg/m ³ | 0.019 mg/m ³ | 0.036 mg/m ³ |
| Max Date | 05/08/2017 | 05/08/2017 | 05/08/2017 | 05/08/2017 | 05/08/2017 |
| Max Time | 09:01:23 | 09:01:23 | 16:57:23 | 09:01:23 | 09:01:23 |
| Min | 0.003 mg/m ³ |
| Min Date | 05/08/2017 | 05/08/2017 | 05/08/2017 | 05/08/2017 | 05/08/2017 |
| Min Time | 09:54:23 | 09:54:23 | 09:58:23 | 10:22:23 | 10:22:23 |
| TWA (8 hr) | 0.004 | 0.004 | 0.004 | 0.004 | 0.004 |
| TWA Start Date | 05/08/2017 | 05/08/2017 | 05/08/2017 | 05/08/2017 | 05/08/2017 |
| TWA Start Time | 09:00:23 | 09:00:23 | 09:00:23 | 09:00:23 | 09:00:23 |
| TWA End Time | 17:00:23 | 17:00:23 | 17:00:23 | 17:00:23 | 17:00:23 |

| Test Data | | | | | | | |
|------------|------------|----------|-----------------------|-------------------------|------------------------|------------------------|-------------------------|
| Data Point | Date | Time | PM1 mg/m ³ | PM2.5 mg/m ³ | RESP mg/m ³ | PM10 mg/m ³ | TOTAL mg/m ³ |
| 1 | 05/08/2017 | 09:01:23 | 0.009 | 0.009 | 0.010 | 0.019 | 0.036 |
| 2 | 05/08/2017 | 09:02:23 | 0.006 | 0.006 | 0.007 | 0.010 | 0.012 |
| 3 | 05/08/2017 | 09:03:23 | 0.004 | 0.004 | 0.004 | 0.005 | 0.005 |
| 4 | 05/08/2017 | 09:04:23 | 0.005 | 0.005 | 0.005 | 0.006 | 0.006 |
| 5 | 05/08/2017 | 09:05:23 | 0.004 | 0.004 | 0.004 | 0.005 | 0.005 |
| 6 | 05/08/2017 | 09:06:23 | 0.004 | 0.004 | 0.004 | 0.005 | 0.005 |
| 7 | 05/08/2017 | 09:07:23 | 0.005 | 0.005 | 0.006 | 0.007 | 0.008 |
| 8 | 05/08/2017 | 09:08:23 | 0.004 | 0.004 | 0.005 | 0.005 | 0.005 |
| 9 | 05/08/2017 | 09:09:23 | 0.004 | 0.004 | 0.004 | 0.004 | 0.005 |
| 10 | 05/08/2017 | 09:10:23 | 0.004 | 0.004 | 0.004 | 0.005 | 0.005 |
| 11 | 05/08/2017 | 09:11:23 | 0.004 | 0.004 | 0.004 | 0.004 | 0.004 |
| 12 | 05/08/2017 | 09:12:23 | 0.004 | 0.004 | 0.004 | 0.005 | 0.005 |
| 13 | 05/08/2017 | 09:13:23 | 0.004 | 0.004 | 0.004 | 0.004 | 0.004 |
| 14 | 05/08/2017 | 09:14:23 | 0.004 | 0.004 | 0.004 | 0.004 | 0.004 |
| 15 | 05/08/2017 | 09:15:23 | 0.004 | 0.004 | 0.004 | 0.004 | 0.004 |
| 16 | 05/08/2017 | 09:16:23 | 0.006 | 0.006 | 0.006 | 0.007 | 0.009 |
| 17 | 05/08/2017 | 09:17:23 | 0.004 | 0.004 | 0.004 | 0.004 | 0.004 |
| 18 | 05/08/2017 | 09:18:23 | 0.004 | 0.004 | 0.004 | 0.004 | 0.004 |
| 19 | 05/08/2017 | 09:19:23 | 0.004 | 0.004 | 0.004 | 0.004 | 0.004 |

| Test Data | | | | | | | |
|------------|------------|----------|------------|--------------|-------------|-------------|--------------|
| Data Point | Date | Time | PM1 mg/m^3 | PM2.5 mg/m^3 | RESP mg/m^3 | PM10 mg/m^3 | TOTAL mg/m^3 |
| 20 | 05/08/2017 | 09:20:23 | 0.004 | 0.004 | 0.004 | 0.004 | 0.004 |
| 21 | 05/08/2017 | 09:21:23 | 0.004 | 0.004 | 0.004 | 0.004 | 0.005 |
| 22 | 05/08/2017 | 09:22:23 | 0.004 | 0.004 | 0.004 | 0.004 | 0.004 |
| 23 | 05/08/2017 | 09:23:23 | 0.004 | 0.004 | 0.004 | 0.004 | 0.004 |
| 24 | 05/08/2017 | 09:24:23 | 0.004 | 0.004 | 0.004 | 0.004 | 0.005 |
| 25 | 05/08/2017 | 09:25:23 | 0.004 | 0.004 | 0.004 | 0.004 | 0.005 |
| 26 | 05/08/2017 | 09:26:23 | 0.004 | 0.004 | 0.004 | 0.004 | 0.004 |
| 27 | 05/08/2017 | 09:27:23 | 0.004 | 0.004 | 0.004 | 0.004 | 0.004 |
| 28 | 05/08/2017 | 09:28:23 | 0.004 | 0.004 | 0.004 | 0.004 | 0.004 |
| 29 | 05/08/2017 | 09:29:23 | 0.005 | 0.005 | 0.005 | 0.006 | 0.008 |
| 30 | 05/08/2017 | 09:30:23 | 0.004 | 0.004 | 0.004 | 0.004 | 0.004 |
| 31 | 05/08/2017 | 09:31:23 | 0.004 | 0.004 | 0.004 | 0.004 | 0.004 |
| 32 | 05/08/2017 | 09:32:23 | 0.004 | 0.004 | 0.004 | 0.004 | 0.004 |
| 33 | 05/08/2017 | 09:33:23 | 0.004 | 0.004 | 0.004 | 0.004 | 0.004 |
| 34 | 05/08/2017 | 09:34:23 | 0.004 | 0.004 | 0.004 | 0.004 | 0.004 |
| 35 | 05/08/2017 | 09:35:23 | 0.004 | 0.004 | 0.004 | 0.004 | 0.004 |
| 36 | 05/08/2017 | 09:36:23 | 0.005 | 0.005 | 0.005 | 0.005 | 0.006 |
| 37 | 05/08/2017 | 09:37:23 | 0.004 | 0.004 | 0.004 | 0.004 | 0.004 |
| 38 | 05/08/2017 | 09:38:23 | 0.004 | 0.004 | 0.004 | 0.004 | 0.004 |
| 39 | 05/08/2017 | 09:39:23 | 0.004 | 0.004 | 0.004 | 0.004 | 0.004 |
| 40 | 05/08/2017 | 09:40:23 | 0.004 | 0.004 | 0.004 | 0.004 | 0.004 |
| 41 | 05/08/2017 | 09:41:23 | 0.004 | 0.004 | 0.004 | 0.004 | 0.004 |
| 42 | 05/08/2017 | 09:42:23 | 0.004 | 0.004 | 0.004 | 0.005 | 0.006 |
| 43 | 05/08/2017 | 09:43:23 | 0.004 | 0.004 | 0.004 | 0.004 | 0.004 |
| 44 | 05/08/2017 | 09:44:23 | 0.004 | 0.004 | 0.004 | 0.004 | 0.004 |
| 45 | 05/08/2017 | 09:45:23 | 0.004 | 0.004 | 0.004 | 0.004 | 0.004 |
| 46 | 05/08/2017 | 09:46:23 | 0.004 | 0.004 | 0.004 | 0.004 | 0.004 |
| 47 | 05/08/2017 | 09:47:23 | 0.004 | 0.004 | 0.004 | 0.004 | 0.004 |
| 48 | 05/08/2017 | 09:48:23 | 0.004 | 0.004 | 0.004 | 0.004 | 0.004 |
| 49 | 05/08/2017 | 09:49:23 | 0.004 | 0.004 | 0.004 | 0.004 | 0.004 |
| 50 | 05/08/2017 | 09:50:23 | 0.004 | 0.004 | 0.004 | 0.005 | 0.005 |
| 51 | 05/08/2017 | 09:51:23 | 0.004 | 0.004 | 0.004 | 0.004 | 0.004 |
| 52 | 05/08/2017 | 09:52:23 | 0.004 | 0.004 | 0.004 | 0.004 | 0.004 |
| 53 | 05/08/2017 | 09:53:23 | 0.004 | 0.004 | 0.004 | 0.004 | 0.005 |
| 54 | 05/08/2017 | 09:54:23 | 0.003 | 0.003 | 0.004 | 0.004 | 0.004 |
| 55 | 05/08/2017 | 09:55:23 | 0.003 | 0.004 | 0.004 | 0.004 | 0.004 |
| 56 | 05/08/2017 | 09:56:23 | 0.004 | 0.004 | 0.004 | 0.005 | 0.005 |
| 57 | 05/08/2017 | 09:57:23 | 0.003 | 0.003 | 0.004 | 0.004 | 0.004 |
| 58 | 05/08/2017 | 09:58:23 | 0.003 | 0.003 | 0.003 | 0.004 | 0.004 |
| 59 | 05/08/2017 | 09:59:23 | 0.004 | 0.004 | 0.004 | 0.004 | 0.004 |
| 60 | 05/08/2017 | 10:00:23 | 0.004 | 0.004 | 0.004 | 0.004 | 0.004 |
| 61 | 05/08/2017 | 10:01:23 | 0.003 | 0.003 | 0.004 | 0.004 | 0.004 |
| 62 | 05/08/2017 | 10:02:23 | 0.004 | 0.004 | 0.004 | 0.004 | 0.004 |
| 63 | 05/08/2017 | 10:03:23 | 0.004 | 0.004 | 0.004 | 0.004 | 0.004 |
| 64 | 05/08/2017 | 10:04:23 | 0.003 | 0.004 | 0.004 | 0.004 | 0.004 |
| 65 | 05/08/2017 | 10:05:23 | 0.004 | 0.004 | 0.004 | 0.004 | 0.004 |

| Test Data | | | | | | | |
|------------|------------|----------|------------|--------------|-------------|-------------|--------------|
| Data Point | Date | Time | PM1 mg/m^3 | PM2.5 mg/m^3 | RESP mg/m^3 | PM10 mg/m^3 | TOTAL mg/m^3 |
| 66 | 05/08/2017 | 10:06:23 | 0.003 | 0.004 | 0.004 | 0.004 | 0.004 |
| 67 | 05/08/2017 | 10:07:23 | 0.004 | 0.004 | 0.004 | 0.004 | 0.004 |
| 68 | 05/08/2017 | 10:08:23 | 0.004 | 0.004 | 0.004 | 0.004 | 0.004 |
| 69 | 05/08/2017 | 10:09:23 | 0.004 | 0.004 | 0.004 | 0.004 | 0.004 |
| 70 | 05/08/2017 | 10:10:23 | 0.004 | 0.004 | 0.004 | 0.004 | 0.004 |
| 71 | 05/08/2017 | 10:11:23 | 0.004 | 0.004 | 0.004 | 0.004 | 0.004 |
| 72 | 05/08/2017 | 10:12:23 | 0.004 | 0.004 | 0.004 | 0.004 | 0.004 |
| 73 | 05/08/2017 | 10:13:23 | 0.003 | 0.004 | 0.004 | 0.004 | 0.004 |
| 74 | 05/08/2017 | 10:14:23 | 0.004 | 0.004 | 0.004 | 0.004 | 0.004 |
| 75 | 05/08/2017 | 10:15:23 | 0.003 | 0.003 | 0.004 | 0.004 | 0.004 |
| 76 | 05/08/2017 | 10:16:23 | 0.003 | 0.003 | 0.004 | 0.004 | 0.004 |
| 77 | 05/08/2017 | 10:17:23 | 0.003 | 0.003 | 0.003 | 0.004 | 0.004 |
| 78 | 05/08/2017 | 10:18:23 | 0.003 | 0.003 | 0.003 | 0.004 | 0.004 |
| 79 | 05/08/2017 | 10:19:23 | 0.003 | 0.003 | 0.004 | 0.004 | 0.004 |
| 80 | 05/08/2017 | 10:20:23 | 0.003 | 0.003 | 0.003 | 0.004 | 0.004 |
| 81 | 05/08/2017 | 10:21:23 | 0.003 | 0.003 | 0.004 | 0.004 | 0.004 |
| 82 | 05/08/2017 | 10:22:23 | 0.003 | 0.003 | 0.003 | 0.003 | 0.003 |
| 83 | 05/08/2017 | 10:23:23 | 0.003 | 0.003 | 0.003 | 0.003 | 0.003 |
| 84 | 05/08/2017 | 10:24:23 | 0.003 | 0.003 | 0.003 | 0.003 | 0.003 |
| 85 | 05/08/2017 | 10:25:23 | 0.003 | 0.003 | 0.003 | 0.004 | 0.004 |
| 86 | 05/08/2017 | 10:26:23 | 0.003 | 0.003 | 0.003 | 0.004 | 0.004 |
| 87 | 05/08/2017 | 10:27:23 | 0.003 | 0.003 | 0.003 | 0.004 | 0.004 |
| 88 | 05/08/2017 | 10:28:23 | 0.003 | 0.003 | 0.003 | 0.004 | 0.004 |
| 89 | 05/08/2017 | 10:29:23 | 0.003 | 0.003 | 0.003 | 0.004 | 0.004 |
| 90 | 05/08/2017 | 10:30:23 | 0.003 | 0.003 | 0.003 | 0.004 | 0.004 |
| 91 | 05/08/2017 | 10:31:23 | 0.003 | 0.003 | 0.003 | 0.004 | 0.004 |
| 92 | 05/08/2017 | 10:32:23 | 0.003 | 0.003 | 0.003 | 0.004 | 0.004 |
| 93 | 05/08/2017 | 10:33:23 | 0.003 | 0.003 | 0.003 | 0.004 | 0.004 |
| 94 | 05/08/2017 | 10:34:23 | 0.003 | 0.003 | 0.003 | 0.004 | 0.004 |
| 95 | 05/08/2017 | 10:35:23 | 0.003 | 0.004 | 0.004 | 0.004 | 0.004 |
| 96 | 05/08/2017 | 10:36:23 | 0.003 | 0.003 | 0.004 | 0.004 | 0.004 |
| 97 | 05/08/2017 | 10:37:23 | 0.003 | 0.003 | 0.003 | 0.004 | 0.004 |
| 98 | 05/08/2017 | 10:38:23 | 0.003 | 0.004 | 0.004 | 0.004 | 0.004 |
| 99 | 05/08/2017 | 10:39:23 | 0.004 | 0.004 | 0.004 | 0.004 | 0.004 |
| 100 | 05/08/2017 | 10:40:23 | 0.004 | 0.004 | 0.004 | 0.004 | 0.005 |
| 101 | 05/08/2017 | 10:41:23 | 0.003 | 0.003 | 0.003 | 0.004 | 0.004 |
| 102 | 05/08/2017 | 10:42:23 | 0.003 | 0.003 | 0.004 | 0.004 | 0.004 |
| 103 | 05/08/2017 | 10:43:23 | 0.003 | 0.003 | 0.004 | 0.004 | 0.004 |
| 104 | 05/08/2017 | 10:44:23 | 0.003 | 0.004 | 0.004 | 0.004 | 0.004 |
| 105 | 05/08/2017 | 10:45:23 | 0.003 | 0.003 | 0.003 | 0.004 | 0.004 |
| 106 | 05/08/2017 | 10:46:23 | 0.003 | 0.003 | 0.004 | 0.004 | 0.004 |
| 107 | 05/08/2017 | 10:47:23 | 0.003 | 0.003 | 0.003 | 0.004 | 0.004 |
| 108 | 05/08/2017 | 10:48:23 | 0.003 | 0.003 | 0.004 | 0.004 | 0.004 |
| 109 | 05/08/2017 | 10:49:23 | 0.003 | 0.003 | 0.004 | 0.004 | 0.004 |
| 110 | 05/08/2017 | 10:50:23 | 0.003 | 0.003 | 0.003 | 0.003 | 0.003 |
| 111 | 05/08/2017 | 10:51:23 | 0.003 | 0.003 | 0.003 | 0.004 | 0.004 |

| Test Data | | | | | | | |
|------------|------------|----------|------------|--------------|-------------|-------------|--------------|
| Data Point | Date | Time | PM1 mg/m^3 | PM2.5 mg/m^3 | RESP mg/m^3 | PM10 mg/m^3 | TOTAL mg/m^3 |
| 112 | 05/08/2017 | 10:52:23 | 0.003 | 0.003 | 0.003 | 0.004 | 0.004 |
| 113 | 05/08/2017 | 10:53:23 | 0.003 | 0.003 | 0.003 | 0.003 | 0.003 |
| 114 | 05/08/2017 | 10:54:23 | 0.003 | 0.003 | 0.003 | 0.004 | 0.004 |
| 115 | 05/08/2017 | 10:55:23 | 0.003 | 0.003 | 0.003 | 0.004 | 0.004 |
| 116 | 05/08/2017 | 10:56:23 | 0.003 | 0.003 | 0.003 | 0.004 | 0.004 |
| 117 | 05/08/2017 | 10:57:23 | 0.003 | 0.003 | 0.004 | 0.004 | 0.004 |
| 118 | 05/08/2017 | 10:58:23 | 0.004 | 0.004 | 0.004 | 0.004 | 0.004 |
| 119 | 05/08/2017 | 10:59:23 | 0.003 | 0.003 | 0.003 | 0.003 | 0.003 |
| 120 | 05/08/2017 | 11:00:23 | 0.003 | 0.003 | 0.003 | 0.003 | 0.003 |
| 121 | 05/08/2017 | 11:01:23 | 0.003 | 0.003 | 0.003 | 0.004 | 0.004 |
| 122 | 05/08/2017 | 11:02:23 | 0.003 | 0.003 | 0.003 | 0.004 | 0.004 |
| 123 | 05/08/2017 | 11:03:23 | 0.003 | 0.003 | 0.003 | 0.004 | 0.004 |
| 124 | 05/08/2017 | 11:04:23 | 0.003 | 0.003 | 0.003 | 0.004 | 0.004 |
| 125 | 05/08/2017 | 11:05:23 | 0.003 | 0.003 | 0.003 | 0.003 | 0.003 |
| 126 | 05/08/2017 | 11:06:23 | 0.003 | 0.003 | 0.003 | 0.003 | 0.003 |
| 127 | 05/08/2017 | 11:07:23 | 0.003 | 0.003 | 0.003 | 0.003 | 0.003 |
| 128 | 05/08/2017 | 11:08:23 | 0.003 | 0.003 | 0.003 | 0.004 | 0.004 |
| 129 | 05/08/2017 | 11:09:23 | 0.003 | 0.003 | 0.003 | 0.004 | 0.005 |
| 130 | 05/08/2017 | 11:10:23 | 0.003 | 0.003 | 0.003 | 0.004 | 0.004 |
| 131 | 05/08/2017 | 11:11:23 | 0.003 | 0.003 | 0.003 | 0.003 | 0.003 |
| 132 | 05/08/2017 | 11:12:23 | 0.003 | 0.003 | 0.003 | 0.003 | 0.003 |
| 133 | 05/08/2017 | 11:13:23 | 0.003 | 0.003 | 0.003 | 0.004 | 0.004 |
| 134 | 05/08/2017 | 11:14:23 | 0.003 | 0.003 | 0.003 | 0.004 | 0.004 |
| 135 | 05/08/2017 | 11:15:23 | 0.003 | 0.003 | 0.003 | 0.004 | 0.004 |
| 136 | 05/08/2017 | 11:16:23 | 0.003 | 0.003 | 0.003 | 0.003 | 0.003 |
| 137 | 05/08/2017 | 11:17:23 | 0.003 | 0.003 | 0.003 | 0.003 | 0.003 |
| 138 | 05/08/2017 | 11:18:23 | 0.003 | 0.003 | 0.003 | 0.004 | 0.004 |
| 139 | 05/08/2017 | 11:19:23 | 0.003 | 0.003 | 0.003 | 0.004 | 0.004 |
| 140 | 05/08/2017 | 11:20:23 | 0.003 | 0.003 | 0.003 | 0.004 | 0.004 |
| 141 | 05/08/2017 | 11:21:23 | 0.003 | 0.003 | 0.003 | 0.004 | 0.004 |
| 142 | 05/08/2017 | 11:22:23 | 0.003 | 0.003 | 0.003 | 0.004 | 0.004 |
| 143 | 05/08/2017 | 11:23:23 | 0.003 | 0.003 | 0.003 | 0.004 | 0.004 |
| 144 | 05/08/2017 | 11:24:23 | 0.003 | 0.003 | 0.003 | 0.004 | 0.004 |
| 145 | 05/08/2017 | 11:25:23 | 0.003 | 0.003 | 0.003 | 0.004 | 0.004 |
| 146 | 05/08/2017 | 11:26:23 | 0.003 | 0.003 | 0.004 | 0.004 | 0.004 |
| 147 | 05/08/2017 | 11:27:23 | 0.003 | 0.003 | 0.003 | 0.003 | 0.004 |
| 148 | 05/08/2017 | 11:28:23 | 0.004 | 0.004 | 0.004 | 0.006 | 0.006 |
| 149 | 05/08/2017 | 11:29:23 | 0.004 | 0.004 | 0.004 | 0.005 | 0.005 |
| 150 | 05/08/2017 | 11:30:23 | 0.003 | 0.003 | 0.003 | 0.004 | 0.004 |
| 151 | 05/08/2017 | 11:31:23 | 0.003 | 0.003 | 0.003 | 0.004 | 0.004 |
| 152 | 05/08/2017 | 11:32:23 | 0.003 | 0.003 | 0.004 | 0.004 | 0.004 |
| 153 | 05/08/2017 | 11:33:23 | 0.003 | 0.003 | 0.003 | 0.003 | 0.003 |
| 154 | 05/08/2017 | 11:34:23 | 0.004 | 0.004 | 0.005 | 0.005 | 0.005 |
| 155 | 05/08/2017 | 11:35:23 | 0.004 | 0.004 | 0.004 | 0.004 | 0.005 |
| 156 | 05/08/2017 | 11:36:23 | 0.003 | 0.003 | 0.003 | 0.004 | 0.004 |
| 157 | 05/08/2017 | 11:37:23 | 0.003 | 0.004 | 0.004 | 0.004 | 0.004 |

| Test Data | | | | | | | |
|------------|------------|----------|------------|--------------|-------------|-------------|--------------|
| Data Point | Date | Time | PM1 mg/m^3 | PM2.5 mg/m^3 | RESP mg/m^3 | PM10 mg/m^3 | TOTAL mg/m^3 |
| 158 | 05/08/2017 | 11:38:23 | 0.003 | 0.003 | 0.003 | 0.004 | 0.004 |
| 159 | 05/08/2017 | 11:39:23 | 0.003 | 0.003 | 0.003 | 0.003 | 0.003 |
| 160 | 05/08/2017 | 11:40:23 | 0.003 | 0.003 | 0.003 | 0.003 | 0.003 |
| 161 | 05/08/2017 | 11:41:23 | 0.003 | 0.003 | 0.004 | 0.004 | 0.004 |
| 162 | 05/08/2017 | 11:42:23 | 0.003 | 0.003 | 0.004 | 0.004 | 0.004 |
| 163 | 05/08/2017 | 11:43:23 | 0.003 | 0.003 | 0.003 | 0.003 | 0.003 |
| 164 | 05/08/2017 | 11:44:23 | 0.003 | 0.003 | 0.003 | 0.004 | 0.004 |
| 165 | 05/08/2017 | 11:45:23 | 0.003 | 0.003 | 0.004 | 0.004 | 0.004 |
| 166 | 05/08/2017 | 11:46:23 | 0.003 | 0.003 | 0.003 | 0.004 | 0.004 |
| 167 | 05/08/2017 | 11:47:23 | 0.003 | 0.003 | 0.004 | 0.004 | 0.004 |
| 168 | 05/08/2017 | 11:48:23 | 0.003 | 0.003 | 0.003 | 0.004 | 0.004 |
| 169 | 05/08/2017 | 11:49:23 | 0.003 | 0.003 | 0.003 | 0.004 | 0.004 |
| 170 | 05/08/2017 | 11:50:23 | 0.003 | 0.003 | 0.004 | 0.004 | 0.004 |
| 171 | 05/08/2017 | 11:51:23 | 0.003 | 0.003 | 0.004 | 0.004 | 0.004 |
| 172 | 05/08/2017 | 11:52:23 | 0.003 | 0.003 | 0.003 | 0.004 | 0.004 |
| 173 | 05/08/2017 | 11:53:23 | 0.003 | 0.003 | 0.003 | 0.003 | 0.004 |
| 174 | 05/08/2017 | 11:54:23 | 0.003 | 0.003 | 0.003 | 0.003 | 0.003 |
| 175 | 05/08/2017 | 11:55:23 | 0.003 | 0.003 | 0.003 | 0.004 | 0.004 |
| 176 | 05/08/2017 | 11:56:23 | 0.003 | 0.003 | 0.003 | 0.004 | 0.004 |
| 177 | 05/08/2017 | 11:57:23 | 0.003 | 0.003 | 0.003 | 0.004 | 0.004 |
| 178 | 05/08/2017 | 11:58:23 | 0.003 | 0.004 | 0.004 | 0.004 | 0.004 |
| 179 | 05/08/2017 | 11:59:23 | 0.003 | 0.003 | 0.003 | 0.003 | 0.003 |
| 180 | 05/08/2017 | 12:00:23 | 0.003 | 0.003 | 0.003 | 0.004 | 0.004 |
| 181 | 05/08/2017 | 12:01:23 | 0.003 | 0.003 | 0.003 | 0.004 | 0.004 |
| 182 | 05/08/2017 | 12:02:23 | 0.003 | 0.003 | 0.003 | 0.003 | 0.004 |
| 183 | 05/08/2017 | 12:03:23 | 0.003 | 0.003 | 0.003 | 0.003 | 0.003 |
| 184 | 05/08/2017 | 12:04:23 | 0.003 | 0.003 | 0.003 | 0.004 | 0.004 |
| 185 | 05/08/2017 | 12:05:23 | 0.003 | 0.003 | 0.004 | 0.004 | 0.004 |
| 186 | 05/08/2017 | 12:06:23 | 0.003 | 0.003 | 0.004 | 0.004 | 0.004 |
| 187 | 05/08/2017 | 12:07:23 | 0.003 | 0.003 | 0.004 | 0.004 | 0.004 |
| 188 | 05/08/2017 | 12:08:23 | 0.003 | 0.003 | 0.004 | 0.004 | 0.004 |
| 189 | 05/08/2017 | 12:09:23 | 0.003 | 0.003 | 0.003 | 0.004 | 0.004 |
| 190 | 05/08/2017 | 12:10:23 | 0.003 | 0.003 | 0.003 | 0.003 | 0.003 |
| 191 | 05/08/2017 | 12:11:23 | 0.003 | 0.003 | 0.003 | 0.004 | 0.004 |
| 192 | 05/08/2017 | 12:12:23 | 0.004 | 0.004 | 0.004 | 0.004 | 0.004 |
| 193 | 05/08/2017 | 12:13:23 | 0.003 | 0.003 | 0.004 | 0.004 | 0.004 |
| 194 | 05/08/2017 | 12:14:23 | 0.003 | 0.003 | 0.003 | 0.003 | 0.003 |
| 195 | 05/08/2017 | 12:15:23 | 0.003 | 0.003 | 0.003 | 0.003 | 0.003 |
| 196 | 05/08/2017 | 12:16:23 | 0.003 | 0.003 | 0.003 | 0.004 | 0.004 |
| 197 | 05/08/2017 | 12:17:23 | 0.004 | 0.004 | 0.004 | 0.004 | 0.004 |
| 198 | 05/08/2017 | 12:18:23 | 0.003 | 0.003 | 0.003 | 0.004 | 0.004 |
| 199 | 05/08/2017 | 12:19:23 | 0.003 | 0.003 | 0.004 | 0.004 | 0.004 |
| 200 | 05/08/2017 | 12:20:23 | 0.004 | 0.004 | 0.004 | 0.004 | 0.004 |
| 201 | 05/08/2017 | 12:21:23 | 0.003 | 0.003 | 0.003 | 0.003 | 0.003 |
| 202 | 05/08/2017 | 12:22:23 | 0.003 | 0.003 | 0.003 | 0.004 | 0.004 |
| 203 | 05/08/2017 | 12:23:23 | 0.003 | 0.003 | 0.003 | 0.004 | 0.004 |

| Test Data | | | | | | | |
|------------|------------|----------|------------|--------------|-------------|-------------|--------------|
| Data Point | Date | Time | PM1 mg/m^3 | PM2.5 mg/m^3 | RESP mg/m^3 | PM10 mg/m^3 | TOTAL mg/m^3 |
| 204 | 05/08/2017 | 12:24:23 | 0.003 | 0.003 | 0.003 | 0.004 | 0.004 |
| 205 | 05/08/2017 | 12:25:23 | 0.004 | 0.004 | 0.004 | 0.004 | 0.004 |
| 206 | 05/08/2017 | 12:26:23 | 0.003 | 0.003 | 0.003 | 0.004 | 0.004 |
| 207 | 05/08/2017 | 12:27:23 | 0.004 | 0.004 | 0.004 | 0.004 | 0.004 |
| 208 | 05/08/2017 | 12:28:23 | 0.003 | 0.003 | 0.003 | 0.003 | 0.003 |
| 209 | 05/08/2017 | 12:29:23 | 0.003 | 0.003 | 0.003 | 0.003 | 0.004 |
| 210 | 05/08/2017 | 12:30:23 | 0.003 | 0.003 | 0.003 | 0.003 | 0.003 |
| 211 | 05/08/2017 | 12:31:23 | 0.003 | 0.003 | 0.003 | 0.003 | 0.003 |
| 212 | 05/08/2017 | 12:32:23 | 0.003 | 0.003 | 0.003 | 0.003 | 0.004 |
| 213 | 05/08/2017 | 12:33:23 | 0.003 | 0.003 | 0.003 | 0.004 | 0.004 |
| 214 | 05/08/2017 | 12:34:23 | 0.003 | 0.003 | 0.003 | 0.004 | 0.004 |
| 215 | 05/08/2017 | 12:35:23 | 0.003 | 0.003 | 0.003 | 0.003 | 0.003 |
| 216 | 05/08/2017 | 12:36:23 | 0.003 | 0.003 | 0.003 | 0.003 | 0.003 |
| 217 | 05/08/2017 | 12:37:23 | 0.003 | 0.003 | 0.003 | 0.003 | 0.003 |
| 218 | 05/08/2017 | 12:38:23 | 0.003 | 0.003 | 0.003 | 0.003 | 0.003 |
| 219 | 05/08/2017 | 12:39:23 | 0.003 | 0.003 | 0.003 | 0.003 | 0.003 |
| 220 | 05/08/2017 | 12:40:23 | 0.003 | 0.003 | 0.003 | 0.003 | 0.003 |
| 221 | 05/08/2017 | 12:41:23 | 0.003 | 0.003 | 0.003 | 0.003 | 0.003 |
| 222 | 05/08/2017 | 12:42:23 | 0.003 | 0.003 | 0.003 | 0.003 | 0.003 |
| 223 | 05/08/2017 | 12:43:23 | 0.003 | 0.004 | 0.004 | 0.005 | 0.005 |
| 224 | 05/08/2017 | 12:44:23 | 0.003 | 0.003 | 0.004 | 0.004 | 0.004 |
| 225 | 05/08/2017 | 12:45:23 | 0.003 | 0.003 | 0.004 | 0.004 | 0.004 |
| 226 | 05/08/2017 | 12:46:23 | 0.003 | 0.003 | 0.003 | 0.003 | 0.003 |
| 227 | 05/08/2017 | 12:47:23 | 0.003 | 0.003 | 0.003 | 0.003 | 0.003 |
| 228 | 05/08/2017 | 12:48:23 | 0.004 | 0.004 | 0.004 | 0.005 | 0.005 |
| 229 | 05/08/2017 | 12:49:23 | 0.003 | 0.003 | 0.003 | 0.003 | 0.003 |
| 230 | 05/08/2017 | 12:50:23 | 0.003 | 0.003 | 0.003 | 0.003 | 0.004 |
| 231 | 05/08/2017 | 12:51:23 | 0.004 | 0.004 | 0.004 | 0.005 | 0.006 |
| 232 | 05/08/2017 | 12:52:23 | 0.003 | 0.003 | 0.003 | 0.003 | 0.004 |
| 233 | 05/08/2017 | 12:53:23 | 0.003 | 0.003 | 0.003 | 0.003 | 0.003 |
| 234 | 05/08/2017 | 12:54:23 | 0.003 | 0.003 | 0.003 | 0.003 | 0.004 |
| 235 | 05/08/2017 | 12:55:23 | 0.003 | 0.003 | 0.003 | 0.003 | 0.003 |
| 236 | 05/08/2017 | 12:56:23 | 0.003 | 0.003 | 0.003 | 0.003 | 0.004 |
| 237 | 05/08/2017 | 12:57:23 | 0.003 | 0.003 | 0.003 | 0.003 | 0.003 |
| 238 | 05/08/2017 | 12:58:23 | 0.003 | 0.003 | 0.003 | 0.004 | 0.004 |
| 239 | 05/08/2017 | 12:59:23 | 0.003 | 0.003 | 0.003 | 0.003 | 0.003 |
| 240 | 05/08/2017 | 13:00:23 | 0.003 | 0.003 | 0.003 | 0.003 | 0.003 |
| 241 | 05/08/2017 | 13:01:23 | 0.003 | 0.003 | 0.003 | 0.003 | 0.003 |
| 242 | 05/08/2017 | 13:02:23 | 0.003 | 0.003 | 0.003 | 0.003 | 0.003 |
| 243 | 05/08/2017 | 13:03:23 | 0.003 | 0.003 | 0.003 | 0.003 | 0.003 |
| 244 | 05/08/2017 | 13:04:23 | 0.003 | 0.003 | 0.003 | 0.003 | 0.003 |
| 245 | 05/08/2017 | 13:05:23 | 0.003 | 0.003 | 0.003 | 0.003 | 0.003 |
| 246 | 05/08/2017 | 13:06:23 | 0.003 | 0.003 | 0.003 | 0.004 | 0.004 |
| 247 | 05/08/2017 | 13:07:23 | 0.003 | 0.003 | 0.003 | 0.003 | 0.003 |
| 248 | 05/08/2017 | 13:08:23 | 0.003 | 0.003 | 0.003 | 0.003 | 0.003 |
| 249 | 05/08/2017 | 13:09:23 | 0.003 | 0.003 | 0.003 | 0.003 | 0.003 |

| Test Data | | | | | | | |
|------------|------------|----------|------------|--------------|-------------|-------------|--------------|
| Data Point | Date | Time | PM1 mg/m^3 | PM2.5 mg/m^3 | RESP mg/m^3 | PM10 mg/m^3 | TOTAL mg/m^3 |
| 250 | 05/08/2017 | 13:10:23 | 0.003 | 0.003 | 0.003 | 0.003 | 0.003 |
| 251 | 05/08/2017 | 13:11:23 | 0.003 | 0.003 | 0.003 | 0.003 | 0.003 |
| 252 | 05/08/2017 | 13:12:23 | 0.003 | 0.003 | 0.003 | 0.003 | 0.003 |
| 253 | 05/08/2017 | 13:13:23 | 0.003 | 0.003 | 0.003 | 0.003 | 0.003 |
| 254 | 05/08/2017 | 13:14:23 | 0.003 | 0.003 | 0.003 | 0.004 | 0.004 |
| 255 | 05/08/2017 | 13:15:23 | 0.003 | 0.003 | 0.003 | 0.004 | 0.004 |
| 256 | 05/08/2017 | 13:16:23 | 0.003 | 0.003 | 0.004 | 0.004 | 0.004 |
| 257 | 05/08/2017 | 13:17:23 | 0.003 | 0.003 | 0.003 | 0.003 | 0.003 |
| 258 | 05/08/2017 | 13:18:23 | 0.003 | 0.003 | 0.003 | 0.003 | 0.004 |
| 259 | 05/08/2017 | 13:19:23 | 0.003 | 0.003 | 0.003 | 0.004 | 0.004 |
| 260 | 05/08/2017 | 13:20:23 | 0.003 | 0.003 | 0.003 | 0.003 | 0.003 |
| 261 | 05/08/2017 | 13:21:23 | 0.003 | 0.003 | 0.003 | 0.003 | 0.003 |
| 262 | 05/08/2017 | 13:22:23 | 0.003 | 0.003 | 0.003 | 0.003 | 0.004 |
| 263 | 05/08/2017 | 13:23:23 | 0.003 | 0.003 | 0.003 | 0.004 | 0.004 |
| 264 | 05/08/2017 | 13:24:23 | 0.003 | 0.003 | 0.003 | 0.003 | 0.003 |
| 265 | 05/08/2017 | 13:25:23 | 0.003 | 0.003 | 0.003 | 0.003 | 0.003 |
| 266 | 05/08/2017 | 13:26:23 | 0.003 | 0.003 | 0.003 | 0.004 | 0.004 |
| 267 | 05/08/2017 | 13:27:23 | 0.003 | 0.003 | 0.003 | 0.004 | 0.004 |
| 268 | 05/08/2017 | 13:28:23 | 0.003 | 0.003 | 0.004 | 0.004 | 0.004 |
| 269 | 05/08/2017 | 13:29:23 | 0.003 | 0.004 | 0.004 | 0.004 | 0.004 |
| 270 | 05/08/2017 | 13:30:23 | 0.004 | 0.004 | 0.004 | 0.005 | 0.005 |
| 271 | 05/08/2017 | 13:31:23 | 0.003 | 0.003 | 0.004 | 0.004 | 0.004 |
| 272 | 05/08/2017 | 13:32:23 | 0.004 | 0.004 | 0.004 | 0.004 | 0.004 |
| 273 | 05/08/2017 | 13:33:23 | 0.003 | 0.003 | 0.003 | 0.004 | 0.004 |
| 274 | 05/08/2017 | 13:34:23 | 0.003 | 0.003 | 0.003 | 0.004 | 0.004 |
| 275 | 05/08/2017 | 13:35:23 | 0.003 | 0.003 | 0.004 | 0.004 | 0.004 |
| 276 | 05/08/2017 | 13:36:23 | 0.004 | 0.004 | 0.004 | 0.004 | 0.005 |
| 277 | 05/08/2017 | 13:37:23 | 0.003 | 0.003 | 0.003 | 0.004 | 0.004 |
| 278 | 05/08/2017 | 13:38:23 | 0.003 | 0.003 | 0.004 | 0.004 | 0.004 |
| 279 | 05/08/2017 | 13:39:23 | 0.003 | 0.003 | 0.003 | 0.004 | 0.004 |
| 280 | 05/08/2017 | 13:40:23 | 0.003 | 0.004 | 0.004 | 0.005 | 0.005 |
| 281 | 05/08/2017 | 13:41:23 | 0.004 | 0.004 | 0.004 | 0.004 | 0.004 |
| 282 | 05/08/2017 | 13:42:23 | 0.003 | 0.003 | 0.004 | 0.004 | 0.004 |
| 283 | 05/08/2017 | 13:43:23 | 0.003 | 0.003 | 0.004 | 0.004 | 0.004 |
| 284 | 05/08/2017 | 13:44:23 | 0.003 | 0.003 | 0.004 | 0.004 | 0.004 |
| 285 | 05/08/2017 | 13:45:23 | 0.003 | 0.003 | 0.003 | 0.004 | 0.004 |
| 286 | 05/08/2017 | 13:46:23 | 0.004 | 0.004 | 0.004 | 0.004 | 0.005 |
| 287 | 05/08/2017 | 13:47:23 | 0.004 | 0.004 | 0.004 | 0.004 | 0.004 |
| 288 | 05/08/2017 | 13:48:23 | 0.004 | 0.004 | 0.004 | 0.004 | 0.004 |
| 289 | 05/08/2017 | 13:49:23 | 0.004 | 0.004 | 0.004 | 0.004 | 0.004 |
| 290 | 05/08/2017 | 13:50:23 | 0.004 | 0.004 | 0.004 | 0.004 | 0.005 |
| 291 | 05/08/2017 | 13:51:23 | 0.004 | 0.004 | 0.004 | 0.004 | 0.005 |
| 292 | 05/08/2017 | 13:52:23 | 0.004 | 0.004 | 0.004 | 0.004 | 0.004 |
| 293 | 05/08/2017 | 13:53:23 | 0.004 | 0.004 | 0.004 | 0.004 | 0.004 |
| 294 | 05/08/2017 | 13:54:23 | 0.004 | 0.004 | 0.004 | 0.004 | 0.004 |
| 295 | 05/08/2017 | 13:55:23 | 0.004 | 0.004 | 0.004 | 0.004 | 0.004 |

| Test Data | | | | | | | |
|------------|------------|----------|------------|--------------|-------------|-------------|--------------|
| Data Point | Date | Time | PM1 mg/m^3 | PM2.5 mg/m^3 | RESP mg/m^3 | PM10 mg/m^3 | TOTAL mg/m^3 |
| 296 | 05/08/2017 | 13:56:23 | 0.004 | 0.004 | 0.004 | 0.004 | 0.004 |
| 297 | 05/08/2017 | 13:57:23 | 0.004 | 0.004 | 0.004 | 0.004 | 0.004 |
| 298 | 05/08/2017 | 13:58:23 | 0.004 | 0.004 | 0.004 | 0.004 | 0.005 |
| 299 | 05/08/2017 | 13:59:23 | 0.004 | 0.004 | 0.004 | 0.004 | 0.004 |
| 300 | 05/08/2017 | 14:00:23 | 0.004 | 0.004 | 0.004 | 0.004 | 0.004 |
| 301 | 05/08/2017 | 14:01:23 | 0.004 | 0.004 | 0.004 | 0.004 | 0.004 |
| 302 | 05/08/2017 | 14:02:23 | 0.004 | 0.004 | 0.004 | 0.004 | 0.005 |
| 303 | 05/08/2017 | 14:03:23 | 0.003 | 0.003 | 0.003 | 0.004 | 0.004 |
| 304 | 05/08/2017 | 14:04:23 | 0.003 | 0.003 | 0.004 | 0.004 | 0.004 |
| 305 | 05/08/2017 | 14:05:23 | 0.004 | 0.004 | 0.004 | 0.005 | 0.005 |
| 306 | 05/08/2017 | 14:06:23 | 0.004 | 0.004 | 0.004 | 0.004 | 0.005 |
| 307 | 05/08/2017 | 14:07:23 | 0.004 | 0.004 | 0.004 | 0.004 | 0.004 |
| 308 | 05/08/2017 | 14:08:23 | 0.004 | 0.004 | 0.004 | 0.004 | 0.004 |
| 309 | 05/08/2017 | 14:09:23 | 0.004 | 0.004 | 0.004 | 0.004 | 0.004 |
| 310 | 05/08/2017 | 14:10:23 | 0.004 | 0.004 | 0.004 | 0.004 | 0.004 |
| 311 | 05/08/2017 | 14:11:23 | 0.004 | 0.004 | 0.004 | 0.004 | 0.004 |
| 312 | 05/08/2017 | 14:12:23 | 0.003 | 0.003 | 0.004 | 0.004 | 0.004 |
| 313 | 05/08/2017 | 14:13:23 | 0.006 | 0.006 | 0.007 | 0.009 | 0.009 |
| 314 | 05/08/2017 | 14:14:23 | 0.005 | 0.005 | 0.005 | 0.007 | 0.007 |
| 315 | 05/08/2017 | 14:15:23 | 0.004 | 0.004 | 0.004 | 0.005 | 0.005 |
| 316 | 05/08/2017 | 14:16:23 | 0.004 | 0.004 | 0.004 | 0.004 | 0.004 |
| 317 | 05/08/2017 | 14:17:23 | 0.003 | 0.003 | 0.004 | 0.004 | 0.004 |
| 318 | 05/08/2017 | 14:18:23 | 0.004 | 0.004 | 0.004 | 0.004 | 0.004 |
| 319 | 05/08/2017 | 14:19:23 | 0.003 | 0.003 | 0.004 | 0.004 | 0.004 |
| 320 | 05/08/2017 | 14:20:23 | 0.004 | 0.004 | 0.004 | 0.004 | 0.005 |
| 321 | 05/08/2017 | 14:21:23 | 0.004 | 0.004 | 0.004 | 0.004 | 0.004 |
| 322 | 05/08/2017 | 14:22:23 | 0.003 | 0.003 | 0.004 | 0.004 | 0.004 |
| 323 | 05/08/2017 | 14:23:23 | 0.004 | 0.004 | 0.004 | 0.004 | 0.004 |
| 324 | 05/08/2017 | 14:24:23 | 0.004 | 0.004 | 0.004 | 0.004 | 0.004 |
| 325 | 05/08/2017 | 14:25:23 | 0.003 | 0.003 | 0.004 | 0.004 | 0.004 |
| 326 | 05/08/2017 | 14:26:23 | 0.003 | 0.003 | 0.003 | 0.004 | 0.004 |
| 327 | 05/08/2017 | 14:27:23 | 0.004 | 0.004 | 0.004 | 0.004 | 0.004 |
| 328 | 05/08/2017 | 14:28:23 | 0.004 | 0.004 | 0.004 | 0.004 | 0.004 |
| 329 | 05/08/2017 | 14:29:23 | 0.004 | 0.004 | 0.004 | 0.004 | 0.004 |
| 330 | 05/08/2017 | 14:30:23 | 0.004 | 0.004 | 0.004 | 0.004 | 0.004 |
| 331 | 05/08/2017 | 14:31:23 | 0.003 | 0.003 | 0.003 | 0.003 | 0.003 |
| 332 | 05/08/2017 | 14:32:23 | 0.003 | 0.003 | 0.004 | 0.004 | 0.004 |
| 333 | 05/08/2017 | 14:33:23 | 0.003 | 0.003 | 0.004 | 0.004 | 0.004 |
| 334 | 05/08/2017 | 14:34:23 | 0.004 | 0.004 | 0.004 | 0.004 | 0.004 |
| 335 | 05/08/2017 | 14:35:23 | 0.004 | 0.004 | 0.004 | 0.004 | 0.004 |
| 336 | 05/08/2017 | 14:36:23 | 0.004 | 0.004 | 0.004 | 0.004 | 0.004 |
| 337 | 05/08/2017 | 14:37:23 | 0.004 | 0.004 | 0.004 | 0.004 | 0.004 |
| 338 | 05/08/2017 | 14:38:23 | 0.004 | 0.004 | 0.004 | 0.004 | 0.004 |
| 339 | 05/08/2017 | 14:39:23 | 0.004 | 0.004 | 0.004 | 0.005 | 0.005 |
| 340 | 05/08/2017 | 14:40:23 | 0.004 | 0.004 | 0.004 | 0.004 | 0.004 |
| 341 | 05/08/2017 | 14:41:23 | 0.004 | 0.004 | 0.004 | 0.004 | 0.004 |

| Test Data | | | | | | | |
|------------|------------|----------|------------|--------------|-------------|-------------|--------------|
| Data Point | Date | Time | PM1 mg/m^3 | PM2.5 mg/m^3 | RESP mg/m^3 | PM10 mg/m^3 | TOTAL mg/m^3 |
| 342 | 05/08/2017 | 14:42:23 | 0.004 | 0.004 | 0.004 | 0.004 | 0.005 |
| 343 | 05/08/2017 | 14:43:23 | 0.004 | 0.004 | 0.004 | 0.004 | 0.004 |
| 344 | 05/08/2017 | 14:44:23 | 0.004 | 0.004 | 0.004 | 0.004 | 0.004 |
| 345 | 05/08/2017 | 14:45:23 | 0.004 | 0.004 | 0.004 | 0.004 | 0.004 |
| 346 | 05/08/2017 | 14:46:23 | 0.004 | 0.004 | 0.004 | 0.005 | 0.005 |
| 347 | 05/08/2017 | 14:47:23 | 0.004 | 0.004 | 0.004 | 0.005 | 0.005 |
| 348 | 05/08/2017 | 14:48:23 | 0.004 | 0.004 | 0.004 | 0.004 | 0.005 |
| 349 | 05/08/2017 | 14:49:23 | 0.004 | 0.004 | 0.004 | 0.004 | 0.005 |
| 350 | 05/08/2017 | 14:50:23 | 0.004 | 0.004 | 0.004 | 0.004 | 0.004 |
| 351 | 05/08/2017 | 14:51:23 | 0.004 | 0.004 | 0.004 | 0.004 | 0.004 |
| 352 | 05/08/2017 | 14:52:23 | 0.004 | 0.004 | 0.004 | 0.004 | 0.004 |
| 353 | 05/08/2017 | 14:53:23 | 0.004 | 0.004 | 0.004 | 0.004 | 0.004 |
| 354 | 05/08/2017 | 14:54:23 | 0.003 | 0.004 | 0.004 | 0.004 | 0.004 |
| 355 | 05/08/2017 | 14:55:23 | 0.004 | 0.004 | 0.004 | 0.004 | 0.004 |
| 356 | 05/08/2017 | 14:56:23 | 0.004 | 0.004 | 0.004 | 0.004 | 0.004 |
| 357 | 05/08/2017 | 14:57:23 | 0.004 | 0.004 | 0.004 | 0.005 | 0.005 |
| 358 | 05/08/2017 | 14:58:23 | 0.004 | 0.004 | 0.004 | 0.004 | 0.004 |
| 359 | 05/08/2017 | 14:59:23 | 0.004 | 0.004 | 0.004 | 0.005 | 0.006 |
| 360 | 05/08/2017 | 15:00:23 | 0.004 | 0.004 | 0.004 | 0.004 | 0.004 |
| 361 | 05/08/2017 | 15:01:23 | 0.004 | 0.004 | 0.004 | 0.004 | 0.004 |
| 362 | 05/08/2017 | 15:02:23 | 0.004 | 0.004 | 0.004 | 0.004 | 0.004 |
| 363 | 05/08/2017 | 15:03:23 | 0.004 | 0.004 | 0.004 | 0.004 | 0.004 |
| 364 | 05/08/2017 | 15:04:23 | 0.004 | 0.004 | 0.004 | 0.004 | 0.004 |
| 365 | 05/08/2017 | 15:05:23 | 0.004 | 0.004 | 0.004 | 0.004 | 0.004 |
| 366 | 05/08/2017 | 15:06:23 | 0.004 | 0.004 | 0.004 | 0.004 | 0.004 |
| 367 | 05/08/2017 | 15:07:23 | 0.004 | 0.004 | 0.004 | 0.004 | 0.004 |
| 368 | 05/08/2017 | 15:08:23 | 0.004 | 0.004 | 0.004 | 0.004 | 0.004 |
| 369 | 05/08/2017 | 15:09:23 | 0.004 | 0.004 | 0.004 | 0.004 | 0.004 |
| 370 | 05/08/2017 | 15:10:23 | 0.004 | 0.004 | 0.004 | 0.004 | 0.004 |
| 371 | 05/08/2017 | 15:11:23 | 0.004 | 0.004 | 0.004 | 0.004 | 0.004 |
| 372 | 05/08/2017 | 15:12:23 | 0.004 | 0.004 | 0.004 | 0.004 | 0.004 |
| 373 | 05/08/2017 | 15:13:23 | 0.004 | 0.004 | 0.004 | 0.004 | 0.004 |
| 374 | 05/08/2017 | 15:14:23 | 0.004 | 0.004 | 0.004 | 0.004 | 0.004 |
| 375 | 05/08/2017 | 15:15:23 | 0.004 | 0.004 | 0.004 | 0.004 | 0.004 |
| 376 | 05/08/2017 | 15:16:23 | 0.003 | 0.003 | 0.004 | 0.004 | 0.004 |
| 377 | 05/08/2017 | 15:17:23 | 0.004 | 0.004 | 0.004 | 0.004 | 0.004 |
| 378 | 05/08/2017 | 15:18:23 | 0.003 | 0.004 | 0.004 | 0.004 | 0.004 |
| 379 | 05/08/2017 | 15:19:23 | 0.004 | 0.004 | 0.004 | 0.005 | 0.005 |
| 380 | 05/08/2017 | 15:20:23 | 0.004 | 0.004 | 0.004 | 0.005 | 0.005 |
| 381 | 05/08/2017 | 15:21:23 | 0.004 | 0.004 | 0.004 | 0.004 | 0.004 |
| 382 | 05/08/2017 | 15:22:23 | 0.004 | 0.004 | 0.004 | 0.004 | 0.004 |
| 383 | 05/08/2017 | 15:23:23 | 0.003 | 0.004 | 0.004 | 0.004 | 0.004 |
| 384 | 05/08/2017 | 15:24:23 | 0.004 | 0.004 | 0.004 | 0.004 | 0.004 |
| 385 | 05/08/2017 | 15:25:23 | 0.004 | 0.004 | 0.004 | 0.004 | 0.004 |
| 386 | 05/08/2017 | 15:26:23 | 0.004 | 0.004 | 0.004 | 0.004 | 0.005 |
| 387 | 05/08/2017 | 15:27:23 | 0.004 | 0.004 | 0.004 | 0.004 | 0.004 |

| Test Data | | | | | | | |
|------------|------------|----------|------------|--------------|-------------|-------------|--------------|
| Data Point | Date | Time | PM1 mg/m^3 | PM2.5 mg/m^3 | RESP mg/m^3 | PM10 mg/m^3 | TOTAL mg/m^3 |
| 388 | 05/08/2017 | 15:28:23 | 0.004 | 0.004 | 0.004 | 0.004 | 0.004 |
| 389 | 05/08/2017 | 15:29:23 | 0.003 | 0.003 | 0.004 | 0.004 | 0.004 |
| 390 | 05/08/2017 | 15:30:23 | 0.004 | 0.004 | 0.004 | 0.004 | 0.004 |
| 391 | 05/08/2017 | 15:31:23 | 0.003 | 0.003 | 0.004 | 0.004 | 0.004 |
| 392 | 05/08/2017 | 15:32:23 | 0.004 | 0.004 | 0.004 | 0.004 | 0.004 |
| 393 | 05/08/2017 | 15:33:23 | 0.004 | 0.004 | 0.004 | 0.004 | 0.005 |
| 394 | 05/08/2017 | 15:34:23 | 0.004 | 0.004 | 0.004 | 0.004 | 0.004 |
| 395 | 05/08/2017 | 15:35:23 | 0.004 | 0.004 | 0.004 | 0.004 | 0.004 |
| 396 | 05/08/2017 | 15:36:23 | 0.004 | 0.004 | 0.004 | 0.004 | 0.004 |
| 397 | 05/08/2017 | 15:37:23 | 0.004 | 0.004 | 0.004 | 0.005 | 0.005 |
| 398 | 05/08/2017 | 15:38:23 | 0.003 | 0.003 | 0.004 | 0.004 | 0.004 |
| 399 | 05/08/2017 | 15:39:23 | 0.004 | 0.004 | 0.004 | 0.004 | 0.004 |
| 400 | 05/08/2017 | 15:40:23 | 0.004 | 0.004 | 0.004 | 0.004 | 0.005 |
| 401 | 05/08/2017 | 15:41:23 | 0.004 | 0.004 | 0.004 | 0.004 | 0.004 |
| 402 | 05/08/2017 | 15:42:23 | 0.004 | 0.004 | 0.004 | 0.004 | 0.004 |
| 403 | 05/08/2017 | 15:43:23 | 0.004 | 0.004 | 0.004 | 0.004 | 0.004 |
| 404 | 05/08/2017 | 15:44:23 | 0.004 | 0.004 | 0.004 | 0.004 | 0.004 |
| 405 | 05/08/2017 | 15:45:23 | 0.004 | 0.004 | 0.004 | 0.004 | 0.004 |
| 406 | 05/08/2017 | 15:46:23 | 0.003 | 0.003 | 0.004 | 0.004 | 0.004 |
| 407 | 05/08/2017 | 15:47:23 | 0.004 | 0.004 | 0.004 | 0.004 | 0.004 |
| 408 | 05/08/2017 | 15:48:23 | 0.003 | 0.004 | 0.004 | 0.004 | 0.004 |
| 409 | 05/08/2017 | 15:49:23 | 0.005 | 0.005 | 0.006 | 0.007 | 0.007 |
| 410 | 05/08/2017 | 15:50:23 | 0.005 | 0.005 | 0.005 | 0.007 | 0.007 |
| 411 | 05/08/2017 | 15:51:23 | 0.004 | 0.004 | 0.005 | 0.005 | 0.006 |
| 412 | 05/08/2017 | 15:52:23 | 0.004 | 0.004 | 0.004 | 0.004 | 0.005 |
| 413 | 05/08/2017 | 15:53:23 | 0.003 | 0.004 | 0.004 | 0.004 | 0.004 |
| 414 | 05/08/2017 | 15:54:23 | 0.004 | 0.004 | 0.004 | 0.004 | 0.004 |
| 415 | 05/08/2017 | 15:55:23 | 0.003 | 0.004 | 0.004 | 0.004 | 0.004 |
| 416 | 05/08/2017 | 15:56:23 | 0.003 | 0.003 | 0.004 | 0.004 | 0.004 |
| 417 | 05/08/2017 | 15:57:23 | 0.004 | 0.004 | 0.004 | 0.004 | 0.004 |
| 418 | 05/08/2017 | 15:58:23 | 0.003 | 0.004 | 0.004 | 0.004 | 0.004 |
| 419 | 05/08/2017 | 15:59:23 | 0.004 | 0.004 | 0.004 | 0.004 | 0.004 |
| 420 | 05/08/2017 | 16:00:23 | 0.004 | 0.004 | 0.004 | 0.004 | 0.004 |
| 421 | 05/08/2017 | 16:01:23 | 0.004 | 0.004 | 0.004 | 0.004 | 0.004 |
| 422 | 05/08/2017 | 16:02:23 | 0.004 | 0.004 | 0.004 | 0.004 | 0.004 |
| 423 | 05/08/2017 | 16:03:23 | 0.004 | 0.004 | 0.004 | 0.004 | 0.004 |
| 424 | 05/08/2017 | 16:04:23 | 0.004 | 0.004 | 0.004 | 0.004 | 0.004 |
| 425 | 05/08/2017 | 16:05:23 | 0.003 | 0.004 | 0.004 | 0.004 | 0.004 |
| 426 | 05/08/2017 | 16:06:23 | 0.004 | 0.004 | 0.004 | 0.004 | 0.005 |
| 427 | 05/08/2017 | 16:07:23 | 0.004 | 0.004 | 0.004 | 0.004 | 0.004 |
| 428 | 05/08/2017 | 16:08:23 | 0.004 | 0.004 | 0.004 | 0.004 | 0.004 |
| 429 | 05/08/2017 | 16:09:23 | 0.004 | 0.004 | 0.004 | 0.004 | 0.004 |
| 430 | 05/08/2017 | 16:10:23 | 0.004 | 0.004 | 0.004 | 0.004 | 0.004 |
| 431 | 05/08/2017 | 16:11:23 | 0.004 | 0.004 | 0.004 | 0.004 | 0.004 |
| 432 | 05/08/2017 | 16:12:23 | 0.003 | 0.003 | 0.004 | 0.004 | 0.004 |
| 433 | 05/08/2017 | 16:13:23 | 0.004 | 0.004 | 0.004 | 0.004 | 0.004 |

| Test Data | | | | | | | |
|------------|------------|----------|------------|--------------|-------------|-------------|--------------|
| Data Point | Date | Time | PM1 mg/m^3 | PM2.5 mg/m^3 | RESP mg/m^3 | PM10 mg/m^3 | TOTAL mg/m^3 |
| 434 | 05/08/2017 | 16:14:23 | 0.004 | 0.004 | 0.004 | 0.004 | 0.004 |
| 435 | 05/08/2017 | 16:15:23 | 0.003 | 0.003 | 0.004 | 0.004 | 0.004 |
| 436 | 05/08/2017 | 16:16:23 | 0.003 | 0.004 | 0.004 | 0.004 | 0.004 |
| 437 | 05/08/2017 | 16:17:23 | 0.004 | 0.004 | 0.004 | 0.004 | 0.004 |
| 438 | 05/08/2017 | 16:18:23 | 0.004 | 0.004 | 0.004 | 0.004 | 0.004 |
| 439 | 05/08/2017 | 16:19:23 | 0.003 | 0.003 | 0.004 | 0.004 | 0.004 |
| 440 | 05/08/2017 | 16:20:23 | 0.004 | 0.004 | 0.004 | 0.004 | 0.004 |
| 441 | 05/08/2017 | 16:21:23 | 0.004 | 0.004 | 0.004 | 0.004 | 0.004 |
| 442 | 05/08/2017 | 16:22:23 | 0.004 | 0.004 | 0.004 | 0.004 | 0.004 |
| 443 | 05/08/2017 | 16:23:23 | 0.004 | 0.004 | 0.004 | 0.004 | 0.004 |
| 444 | 05/08/2017 | 16:24:23 | 0.004 | 0.004 | 0.004 | 0.004 | 0.005 |
| 445 | 05/08/2017 | 16:25:23 | 0.004 | 0.004 | 0.004 | 0.004 | 0.004 |
| 446 | 05/08/2017 | 16:26:23 | 0.003 | 0.003 | 0.004 | 0.004 | 0.004 |
| 447 | 05/08/2017 | 16:27:23 | 0.004 | 0.004 | 0.004 | 0.004 | 0.004 |
| 448 | 05/08/2017 | 16:28:23 | 0.004 | 0.004 | 0.004 | 0.004 | 0.005 |
| 449 | 05/08/2017 | 16:29:23 | 0.004 | 0.004 | 0.004 | 0.004 | 0.004 |
| 450 | 05/08/2017 | 16:30:23 | 0.004 | 0.004 | 0.004 | 0.004 | 0.004 |
| 451 | 05/08/2017 | 16:31:23 | 0.004 | 0.004 | 0.004 | 0.004 | 0.004 |
| 452 | 05/08/2017 | 16:32:23 | 0.004 | 0.004 | 0.004 | 0.004 | 0.005 |
| 453 | 05/08/2017 | 16:33:23 | 0.004 | 0.004 | 0.004 | 0.004 | 0.004 |
| 454 | 05/08/2017 | 16:34:23 | 0.004 | 0.004 | 0.004 | 0.004 | 0.004 |
| 455 | 05/08/2017 | 16:35:23 | 0.003 | 0.003 | 0.004 | 0.004 | 0.004 |
| 456 | 05/08/2017 | 16:36:23 | 0.003 | 0.003 | 0.004 | 0.004 | 0.004 |
| 457 | 05/08/2017 | 16:37:23 | 0.007 | 0.007 | 0.007 | 0.007 | 0.007 |
| 458 | 05/08/2017 | 16:38:23 | 0.004 | 0.004 | 0.004 | 0.004 | 0.004 |
| 459 | 05/08/2017 | 16:39:23 | 0.004 | 0.004 | 0.004 | 0.004 | 0.004 |
| 460 | 05/08/2017 | 16:40:23 | 0.003 | 0.004 | 0.004 | 0.004 | 0.004 |
| 461 | 05/08/2017 | 16:41:23 | 0.004 | 0.004 | 0.004 | 0.004 | 0.004 |
| 462 | 05/08/2017 | 16:42:23 | 0.004 | 0.005 | 0.005 | 0.006 | 0.006 |
| 463 | 05/08/2017 | 16:43:23 | 0.007 | 0.008 | 0.008 | 0.011 | 0.011 |
| 464 | 05/08/2017 | 16:44:23 | 0.004 | 0.004 | 0.004 | 0.004 | 0.005 |
| 465 | 05/08/2017 | 16:45:23 | 0.004 | 0.004 | 0.004 | 0.004 | 0.004 |
| 466 | 05/08/2017 | 16:46:23 | 0.004 | 0.004 | 0.004 | 0.004 | 0.004 |
| 467 | 05/08/2017 | 16:47:23 | 0.007 | 0.007 | 0.007 | 0.007 | 0.007 |
| 468 | 05/08/2017 | 16:48:23 | 0.004 | 0.004 | 0.004 | 0.005 | 0.005 |
| 469 | 05/08/2017 | 16:49:23 | 0.004 | 0.004 | 0.004 | 0.004 | 0.004 |
| 470 | 05/08/2017 | 16:50:23 | 0.004 | 0.004 | 0.004 | 0.004 | 0.004 |
| 471 | 05/08/2017 | 16:51:23 | 0.004 | 0.004 | 0.004 | 0.005 | 0.005 |
| 472 | 05/08/2017 | 16:52:23 | 0.007 | 0.007 | 0.008 | 0.011 | 0.012 |
| 473 | 05/08/2017 | 16:53:23 | 0.006 | 0.006 | 0.007 | 0.008 | 0.008 |
| 474 | 05/08/2017 | 16:54:23 | 0.006 | 0.006 | 0.007 | 0.009 | 0.010 |
| 475 | 05/08/2017 | 16:55:23 | 0.006 | 0.006 | 0.008 | 0.011 | 0.011 |
| 476 | 05/08/2017 | 16:56:23 | 0.008 | 0.008 | 0.010 | 0.013 | 0.013 |
| 477 | 05/08/2017 | 16:57:23 | 0.009 | 0.009 | 0.011 | 0.017 | 0.017 |
| 478 | 05/08/2017 | 16:58:23 | 0.007 | 0.007 | 0.008 | 0.013 | 0.013 |
| 479 | 05/08/2017 | 16:59:23 | 0.006 | 0.006 | 0.007 | 0.009 | 0.010 |

| Test Data | | | | | | | |
|------------|------------|----------|------------|--------------|-------------|-------------|--------------|
| Data Point | Date | Time | PM1 mg/m^3 | PM2.5 mg/m^3 | RESP mg/m^3 | PM10 mg/m^3 | TOTAL mg/m^3 |
| 480 | 05/08/2017 | 17:00:23 | 0.004 | 0.004 | 0.004 | 0.004 | 0.005 |

Test 001

Location CL-4

Site 4 Centroid

| Instrument | | Data Properties | |
|----------------|--------------|------------------|------------|
| Model | DustTrak DRX | Start Date | 05/08/2017 |
| Instrument S/N | 8533113406 | Start Time | 09:54:26 |
| | | Stop Date | 05/08/2017 |
| | | Stop Time | 18:05:26 |
| | | Total Time | 0:08:11:00 |
| | | Logging Interval | 60 seconds |

| Statistics | | | | | |
|----------------|--------------|--------------|--------------|--------------|--------------|
| | PM1 | PM2.5 | RESP | PM10 | TOTAL |
| Avg | 0.007 mg/m^3 |
| Max | 0.022 mg/m^3 | 0.023 mg/m^3 | 0.024 mg/m^3 | 0.029 mg/m^3 | 0.033 mg/m^3 |
| Max Date | 05/08/2017 | 05/08/2017 | 05/08/2017 | 05/08/2017 | 05/08/2017 |
| Max Time | 09:55:26 | 09:55:26 | 09:55:26 | 09:55:26 | 09:55:26 |
| Min | 0.004 mg/m^3 |
| Min Date | 05/08/2017 | 05/08/2017 | 05/08/2017 | 05/08/2017 | 05/08/2017 |
| Min Time | 09:56:26 | 09:56:26 | 09:56:26 | 09:59:26 | 09:59:26 |
| TWA (8 hr) | 0.007 | 0.007 | 0.007 | 0.007 | 0.007 |
| TWA Start Date | 05/08/2017 | 05/08/2017 | 05/08/2017 | 05/08/2017 | 05/08/2017 |
| TWA Start Time | 09:54:26 | 09:54:26 | 09:54:26 | 09:54:26 | 09:54:26 |
| TWA End Time | 18:05:26 | 18:05:26 | 18:05:26 | 18:05:26 | 18:05:26 |

| Test Data | | | | | | | |
|------------|------------|----------|------------|--------------|-------------|-------------|--------------|
| Data Point | Date | Time | PM1 mg/m^3 | PM2.5 mg/m^3 | RESP mg/m^3 | PM10 mg/m^3 | TOTAL mg/m^3 |
| 1 | 05/08/2017 | 09:55:26 | 0.022 | 0.023 | 0.024 | 0.029 | 0.033 |
| 2 | 05/08/2017 | 09:56:26 | 0.004 | 0.004 | 0.004 | 0.005 | 0.006 |
| 3 | 05/08/2017 | 09:57:26 | 0.004 | 0.004 | 0.004 | 0.005 | 0.005 |
| 4 | 05/08/2017 | 09:58:26 | 0.005 | 0.005 | 0.005 | 0.006 | 0.006 |
| 5 | 05/08/2017 | 09:59:26 | 0.004 | 0.004 | 0.004 | 0.004 | 0.004 |
| 6 | 05/08/2017 | 10:00:26 | 0.004 | 0.004 | 0.005 | 0.005 | 0.005 |
| 7 | 05/08/2017 | 10:01:26 | 0.004 | 0.004 | 0.004 | 0.004 | 0.004 |
| 8 | 05/08/2017 | 10:02:26 | 0.004 | 0.004 | 0.004 | 0.005 | 0.005 |
| 9 | 05/08/2017 | 10:03:26 | 0.005 | 0.005 | 0.005 | 0.007 | 0.007 |
| 10 | 05/08/2017 | 10:04:26 | 0.016 | 0.016 | 0.017 | 0.021 | 0.026 |
| 11 | 05/08/2017 | 10:05:26 | 0.004 | 0.004 | 0.004 | 0.004 | 0.004 |
| 12 | 05/08/2017 | 10:06:26 | 0.004 | 0.004 | 0.004 | 0.004 | 0.004 |
| 13 | 05/08/2017 | 10:07:26 | 0.004 | 0.004 | 0.004 | 0.004 | 0.004 |
| 14 | 05/08/2017 | 10:08:26 | 0.004 | 0.004 | 0.004 | 0.004 | 0.004 |
| 15 | 05/08/2017 | 10:09:26 | 0.004 | 0.004 | 0.004 | 0.004 | 0.004 |
| 16 | 05/08/2017 | 10:10:26 | 0.004 | 0.004 | 0.004 | 0.004 | 0.004 |
| 17 | 05/08/2017 | 10:11:26 | 0.004 | 0.004 | 0.004 | 0.004 | 0.004 |
| 18 | 05/08/2017 | 10:12:26 | 0.004 | 0.004 | 0.004 | 0.004 | 0.004 |
| 19 | 05/08/2017 | 10:13:26 | 0.004 | 0.004 | 0.004 | 0.004 | 0.004 |

| Test Data | | | | | | | |
|------------|------------|----------|------------|--------------|-------------|-------------|--------------|
| Data Point | Date | Time | PM1 mg/m^3 | PM2.5 mg/m^3 | RESP mg/m^3 | PM10 mg/m^3 | TOTAL mg/m^3 |
| 20 | 05/08/2017 | 10:14:26 | 0.004 | 0.004 | 0.004 | 0.004 | 0.004 |
| 21 | 05/08/2017 | 10:15:26 | 0.004 | 0.004 | 0.004 | 0.004 | 0.004 |
| 22 | 05/08/2017 | 10:16:26 | 0.004 | 0.004 | 0.004 | 0.004 | 0.004 |
| 23 | 05/08/2017 | 10:17:26 | 0.004 | 0.004 | 0.005 | 0.005 | 0.005 |
| 24 | 05/08/2017 | 10:18:26 | 0.004 | 0.004 | 0.005 | 0.005 | 0.005 |
| 25 | 05/08/2017 | 10:19:26 | 0.004 | 0.004 | 0.004 | 0.004 | 0.004 |
| 26 | 05/08/2017 | 10:20:26 | 0.004 | 0.004 | 0.004 | 0.004 | 0.004 |
| 27 | 05/08/2017 | 10:21:26 | 0.004 | 0.004 | 0.004 | 0.004 | 0.005 |
| 28 | 05/08/2017 | 10:22:26 | 0.004 | 0.004 | 0.004 | 0.004 | 0.004 |
| 29 | 05/08/2017 | 10:23:26 | 0.004 | 0.004 | 0.004 | 0.005 | 0.005 |
| 30 | 05/08/2017 | 10:24:26 | 0.004 | 0.004 | 0.005 | 0.005 | 0.005 |
| 31 | 05/08/2017 | 10:25:26 | 0.004 | 0.004 | 0.004 | 0.004 | 0.004 |
| 32 | 05/08/2017 | 10:26:26 | 0.004 | 0.004 | 0.004 | 0.005 | 0.005 |
| 33 | 05/08/2017 | 10:27:26 | 0.004 | 0.004 | 0.004 | 0.005 | 0.005 |
| 34 | 05/08/2017 | 10:28:26 | 0.004 | 0.005 | 0.005 | 0.005 | 0.005 |
| 35 | 05/08/2017 | 10:29:26 | 0.004 | 0.004 | 0.005 | 0.005 | 0.005 |
| 36 | 05/08/2017 | 10:30:26 | 0.005 | 0.005 | 0.005 | 0.005 | 0.005 |
| 37 | 05/08/2017 | 10:31:26 | 0.005 | 0.005 | 0.005 | 0.005 | 0.005 |
| 38 | 05/08/2017 | 10:32:26 | 0.005 | 0.005 | 0.005 | 0.005 | 0.005 |
| 39 | 05/08/2017 | 10:33:26 | 0.004 | 0.005 | 0.005 | 0.005 | 0.005 |
| 40 | 05/08/2017 | 10:34:26 | 0.005 | 0.005 | 0.005 | 0.005 | 0.005 |
| 41 | 05/08/2017 | 10:35:26 | 0.005 | 0.005 | 0.005 | 0.005 | 0.005 |
| 42 | 05/08/2017 | 10:36:26 | 0.005 | 0.005 | 0.005 | 0.005 | 0.005 |
| 43 | 05/08/2017 | 10:37:26 | 0.005 | 0.005 | 0.005 | 0.005 | 0.005 |
| 44 | 05/08/2017 | 10:38:26 | 0.005 | 0.005 | 0.005 | 0.005 | 0.005 |
| 45 | 05/08/2017 | 10:39:26 | 0.005 | 0.005 | 0.005 | 0.005 | 0.005 |
| 46 | 05/08/2017 | 10:40:26 | 0.005 | 0.005 | 0.005 | 0.005 | 0.005 |
| 47 | 05/08/2017 | 10:41:26 | 0.005 | 0.005 | 0.005 | 0.005 | 0.005 |
| 48 | 05/08/2017 | 10:42:26 | 0.005 | 0.005 | 0.005 | 0.005 | 0.005 |
| 49 | 05/08/2017 | 10:43:26 | 0.005 | 0.005 | 0.005 | 0.005 | 0.005 |
| 50 | 05/08/2017 | 10:44:26 | 0.005 | 0.005 | 0.005 | 0.005 | 0.005 |
| 51 | 05/08/2017 | 10:45:26 | 0.005 | 0.005 | 0.005 | 0.005 | 0.006 |
| 52 | 05/08/2017 | 10:46:26 | 0.005 | 0.005 | 0.005 | 0.005 | 0.005 |
| 53 | 05/08/2017 | 10:47:26 | 0.005 | 0.005 | 0.005 | 0.005 | 0.005 |
| 54 | 05/08/2017 | 10:48:26 | 0.005 | 0.005 | 0.005 | 0.005 | 0.006 |
| 55 | 05/08/2017 | 10:49:26 | 0.005 | 0.005 | 0.005 | 0.005 | 0.005 |
| 56 | 05/08/2017 | 10:50:26 | 0.005 | 0.005 | 0.005 | 0.005 | 0.005 |
| 57 | 05/08/2017 | 10:51:26 | 0.005 | 0.005 | 0.005 | 0.005 | 0.006 |
| 58 | 05/08/2017 | 10:52:26 | 0.005 | 0.005 | 0.005 | 0.005 | 0.005 |
| 59 | 05/08/2017 | 10:53:26 | 0.005 | 0.005 | 0.005 | 0.005 | 0.005 |
| 60 | 05/08/2017 | 10:54:26 | 0.005 | 0.005 | 0.005 | 0.005 | 0.005 |
| 61 | 05/08/2017 | 10:55:26 | 0.005 | 0.005 | 0.006 | 0.006 | 0.006 |
| 62 | 05/08/2017 | 10:56:26 | 0.005 | 0.005 | 0.005 | 0.005 | 0.005 |
| 63 | 05/08/2017 | 10:57:26 | 0.005 | 0.005 | 0.005 | 0.005 | 0.005 |
| 64 | 05/08/2017 | 10:58:26 | 0.005 | 0.005 | 0.005 | 0.005 | 0.005 |
| 65 | 05/08/2017 | 10:59:26 | 0.005 | 0.005 | 0.005 | 0.006 | 0.006 |

| Test Data | | | | | | | |
|------------|------------|----------|------------|--------------|-------------|-------------|--------------|
| Data Point | Date | Time | PM1 mg/m^3 | PM2.5 mg/m^3 | RESP mg/m^3 | PM10 mg/m^3 | TOTAL mg/m^3 |
| 66 | 05/08/2017 | 11:00:26 | 0.005 | 0.005 | 0.005 | 0.005 | 0.005 |
| 67 | 05/08/2017 | 11:01:26 | 0.005 | 0.005 | 0.005 | 0.006 | 0.006 |
| 68 | 05/08/2017 | 11:02:26 | 0.006 | 0.006 | 0.006 | 0.006 | 0.006 |
| 69 | 05/08/2017 | 11:03:26 | 0.005 | 0.006 | 0.006 | 0.006 | 0.006 |
| 70 | 05/08/2017 | 11:04:26 | 0.006 | 0.006 | 0.006 | 0.006 | 0.006 |
| 71 | 05/08/2017 | 11:05:26 | 0.006 | 0.006 | 0.006 | 0.006 | 0.006 |
| 72 | 05/08/2017 | 11:06:26 | 0.006 | 0.006 | 0.006 | 0.006 | 0.006 |
| 73 | 05/08/2017 | 11:07:26 | 0.006 | 0.006 | 0.006 | 0.006 | 0.006 |
| 74 | 05/08/2017 | 11:08:26 | 0.006 | 0.006 | 0.006 | 0.006 | 0.006 |
| 75 | 05/08/2017 | 11:09:26 | 0.006 | 0.006 | 0.006 | 0.006 | 0.006 |
| 76 | 05/08/2017 | 11:10:26 | 0.006 | 0.006 | 0.006 | 0.006 | 0.006 |
| 77 | 05/08/2017 | 11:11:26 | 0.006 | 0.006 | 0.006 | 0.007 | 0.007 |
| 78 | 05/08/2017 | 11:12:26 | 0.006 | 0.006 | 0.006 | 0.006 | 0.006 |
| 79 | 05/08/2017 | 11:13:26 | 0.006 | 0.006 | 0.006 | 0.006 | 0.006 |
| 80 | 05/08/2017 | 11:14:26 | 0.006 | 0.006 | 0.006 | 0.006 | 0.006 |
| 81 | 05/08/2017 | 11:15:26 | 0.006 | 0.006 | 0.006 | 0.006 | 0.006 |
| 82 | 05/08/2017 | 11:16:26 | 0.006 | 0.006 | 0.006 | 0.006 | 0.006 |
| 83 | 05/08/2017 | 11:17:26 | 0.006 | 0.006 | 0.006 | 0.006 | 0.006 |
| 84 | 05/08/2017 | 11:18:26 | 0.006 | 0.006 | 0.006 | 0.006 | 0.006 |
| 85 | 05/08/2017 | 11:19:26 | 0.006 | 0.006 | 0.006 | 0.006 | 0.006 |
| 86 | 05/08/2017 | 11:20:26 | 0.006 | 0.006 | 0.006 | 0.007 | 0.007 |
| 87 | 05/08/2017 | 11:21:26 | 0.006 | 0.006 | 0.006 | 0.006 | 0.006 |
| 88 | 05/08/2017 | 11:22:26 | 0.006 | 0.006 | 0.006 | 0.006 | 0.006 |
| 89 | 05/08/2017 | 11:23:26 | 0.006 | 0.006 | 0.006 | 0.006 | 0.006 |
| 90 | 05/08/2017 | 11:24:26 | 0.006 | 0.006 | 0.006 | 0.006 | 0.007 |
| 91 | 05/08/2017 | 11:25:26 | 0.006 | 0.006 | 0.007 | 0.007 | 0.007 |
| 92 | 05/08/2017 | 11:26:26 | 0.006 | 0.006 | 0.006 | 0.007 | 0.007 |
| 93 | 05/08/2017 | 11:27:26 | 0.006 | 0.006 | 0.006 | 0.006 | 0.006 |
| 94 | 05/08/2017 | 11:28:26 | 0.006 | 0.006 | 0.006 | 0.007 | 0.007 |
| 95 | 05/08/2017 | 11:29:26 | 0.006 | 0.006 | 0.006 | 0.006 | 0.006 |
| 96 | 05/08/2017 | 11:30:26 | 0.006 | 0.006 | 0.007 | 0.007 | 0.007 |
| 97 | 05/08/2017 | 11:31:26 | 0.007 | 0.007 | 0.007 | 0.007 | 0.007 |
| 98 | 05/08/2017 | 11:32:26 | 0.006 | 0.007 | 0.007 | 0.007 | 0.007 |
| 99 | 05/08/2017 | 11:33:26 | 0.006 | 0.006 | 0.006 | 0.007 | 0.007 |
| 100 | 05/08/2017 | 11:34:26 | 0.007 | 0.007 | 0.007 | 0.008 | 0.008 |
| 101 | 05/08/2017 | 11:35:26 | 0.006 | 0.007 | 0.007 | 0.007 | 0.007 |
| 102 | 05/08/2017 | 11:36:26 | 0.007 | 0.007 | 0.007 | 0.007 | 0.007 |
| 103 | 05/08/2017 | 11:37:26 | 0.007 | 0.007 | 0.007 | 0.007 | 0.007 |
| 104 | 05/08/2017 | 11:38:26 | 0.007 | 0.007 | 0.007 | 0.007 | 0.007 |
| 105 | 05/08/2017 | 11:39:26 | 0.007 | 0.007 | 0.007 | 0.007 | 0.007 |
| 106 | 05/08/2017 | 11:40:26 | 0.007 | 0.007 | 0.007 | 0.007 | 0.007 |
| 107 | 05/08/2017 | 11:41:26 | 0.007 | 0.007 | 0.007 | 0.007 | 0.007 |
| 108 | 05/08/2017 | 11:42:26 | 0.007 | 0.007 | 0.007 | 0.007 | 0.007 |
| 109 | 05/08/2017 | 11:43:26 | 0.007 | 0.007 | 0.007 | 0.007 | 0.007 |
| 110 | 05/08/2017 | 11:44:26 | 0.007 | 0.007 | 0.007 | 0.008 | 0.008 |
| 111 | 05/08/2017 | 11:45:26 | 0.007 | 0.007 | 0.007 | 0.007 | 0.007 |

| Test Data | | | | | | | |
|------------|------------|----------|------------|--------------|-------------|-------------|--------------|
| Data Point | Date | Time | PM1 mg/m^3 | PM2.5 mg/m^3 | RESP mg/m^3 | PM10 mg/m^3 | TOTAL mg/m^3 |
| 112 | 05/08/2017 | 11:46:26 | 0.007 | 0.007 | 0.007 | 0.008 | 0.008 |
| 113 | 05/08/2017 | 11:47:26 | 0.007 | 0.007 | 0.007 | 0.007 | 0.007 |
| 114 | 05/08/2017 | 11:48:26 | 0.007 | 0.007 | 0.007 | 0.007 | 0.007 |
| 115 | 05/08/2017 | 11:49:26 | 0.007 | 0.007 | 0.007 | 0.007 | 0.007 |
| 116 | 05/08/2017 | 11:50:26 | 0.007 | 0.007 | 0.007 | 0.007 | 0.007 |
| 117 | 05/08/2017 | 11:51:26 | 0.007 | 0.007 | 0.007 | 0.007 | 0.007 |
| 118 | 05/08/2017 | 11:52:26 | 0.007 | 0.007 | 0.007 | 0.007 | 0.007 |
| 119 | 05/08/2017 | 11:53:26 | 0.007 | 0.007 | 0.007 | 0.007 | 0.007 |
| 120 | 05/08/2017 | 11:54:26 | 0.007 | 0.007 | 0.007 | 0.007 | 0.008 |
| 121 | 05/08/2017 | 11:55:26 | 0.007 | 0.007 | 0.007 | 0.007 | 0.008 |
| 122 | 05/08/2017 | 11:56:26 | 0.007 | 0.007 | 0.007 | 0.007 | 0.007 |
| 123 | 05/08/2017 | 11:57:26 | 0.007 | 0.007 | 0.007 | 0.007 | 0.007 |
| 124 | 05/08/2017 | 11:58:26 | 0.007 | 0.007 | 0.007 | 0.007 | 0.007 |
| 125 | 05/08/2017 | 11:59:26 | 0.007 | 0.007 | 0.007 | 0.007 | 0.007 |
| 126 | 05/08/2017 | 12:00:26 | 0.007 | 0.007 | 0.007 | 0.007 | 0.008 |
| 127 | 05/08/2017 | 12:01:26 | 0.007 | 0.007 | 0.007 | 0.008 | 0.008 |
| 128 | 05/08/2017 | 12:02:26 | 0.007 | 0.007 | 0.007 | 0.007 | 0.007 |
| 129 | 05/08/2017 | 12:03:26 | 0.007 | 0.007 | 0.008 | 0.008 | 0.008 |
| 130 | 05/08/2017 | 12:04:26 | 0.007 | 0.007 | 0.007 | 0.007 | 0.007 |
| 131 | 05/08/2017 | 12:05:26 | 0.007 | 0.007 | 0.007 | 0.007 | 0.007 |
| 132 | 05/08/2017 | 12:06:26 | 0.007 | 0.007 | 0.007 | 0.007 | 0.007 |
| 133 | 05/08/2017 | 12:07:26 | 0.007 | 0.007 | 0.007 | 0.007 | 0.007 |
| 134 | 05/08/2017 | 12:08:26 | 0.007 | 0.007 | 0.007 | 0.007 | 0.007 |
| 135 | 05/08/2017 | 12:09:26 | 0.007 | 0.007 | 0.007 | 0.007 | 0.007 |
| 136 | 05/08/2017 | 12:10:26 | 0.007 | 0.007 | 0.007 | 0.007 | 0.007 |
| 137 | 05/08/2017 | 12:11:26 | 0.007 | 0.007 | 0.007 | 0.007 | 0.007 |
| 138 | 05/08/2017 | 12:12:26 | 0.007 | 0.007 | 0.008 | 0.008 | 0.008 |
| 139 | 05/08/2017 | 12:13:26 | 0.007 | 0.007 | 0.007 | 0.007 | 0.007 |
| 140 | 05/08/2017 | 12:14:26 | 0.007 | 0.007 | 0.007 | 0.008 | 0.008 |
| 141 | 05/08/2017 | 12:15:26 | 0.007 | 0.007 | 0.007 | 0.007 | 0.007 |
| 142 | 05/08/2017 | 12:16:26 | 0.007 | 0.007 | 0.007 | 0.008 | 0.008 |
| 143 | 05/08/2017 | 12:17:26 | 0.007 | 0.007 | 0.008 | 0.008 | 0.008 |
| 144 | 05/08/2017 | 12:18:26 | 0.007 | 0.007 | 0.007 | 0.008 | 0.008 |
| 145 | 05/08/2017 | 12:19:26 | 0.007 | 0.007 | 0.008 | 0.008 | 0.008 |
| 146 | 05/08/2017 | 12:20:26 | 0.008 | 0.008 | 0.008 | 0.008 | 0.008 |
| 147 | 05/08/2017 | 12:21:26 | 0.008 | 0.008 | 0.008 | 0.008 | 0.008 |
| 148 | 05/08/2017 | 12:22:26 | 0.007 | 0.007 | 0.007 | 0.008 | 0.008 |
| 149 | 05/08/2017 | 12:23:26 | 0.007 | 0.008 | 0.008 | 0.008 | 0.008 |
| 150 | 05/08/2017 | 12:24:26 | 0.007 | 0.007 | 0.007 | 0.008 | 0.008 |
| 151 | 05/08/2017 | 12:25:26 | 0.008 | 0.008 | 0.008 | 0.008 | 0.008 |
| 152 | 05/08/2017 | 12:26:26 | 0.008 | 0.008 | 0.008 | 0.008 | 0.008 |
| 153 | 05/08/2017 | 12:27:26 | 0.007 | 0.008 | 0.008 | 0.008 | 0.008 |
| 154 | 05/08/2017 | 12:28:26 | 0.008 | 0.008 | 0.008 | 0.008 | 0.008 |
| 155 | 05/08/2017 | 12:29:26 | 0.008 | 0.008 | 0.008 | 0.008 | 0.008 |
| 156 | 05/08/2017 | 12:30:26 | 0.008 | 0.008 | 0.008 | 0.008 | 0.008 |
| 157 | 05/08/2017 | 12:31:26 | 0.008 | 0.008 | 0.008 | 0.008 | 0.008 |

| Test Data | | | | | | | |
|------------|------------|----------|------------|--------------|-------------|-------------|--------------|
| Data Point | Date | Time | PM1 mg/m^3 | PM2.5 mg/m^3 | RESP mg/m^3 | PM10 mg/m^3 | TOTAL mg/m^3 |
| 158 | 05/08/2017 | 12:32:26 | 0.007 | 0.007 | 0.008 | 0.008 | 0.008 |
| 159 | 05/08/2017 | 12:33:26 | 0.007 | 0.007 | 0.007 | 0.008 | 0.008 |
| 160 | 05/08/2017 | 12:34:26 | 0.008 | 0.008 | 0.008 | 0.008 | 0.008 |
| 161 | 05/08/2017 | 12:35:26 | 0.007 | 0.007 | 0.008 | 0.008 | 0.008 |
| 162 | 05/08/2017 | 12:36:26 | 0.007 | 0.007 | 0.008 | 0.008 | 0.008 |
| 163 | 05/08/2017 | 12:37:26 | 0.008 | 0.008 | 0.008 | 0.009 | 0.009 |
| 164 | 05/08/2017 | 12:38:26 | 0.007 | 0.008 | 0.008 | 0.008 | 0.008 |
| 165 | 05/08/2017 | 12:39:26 | 0.008 | 0.008 | 0.008 | 0.009 | 0.009 |
| 166 | 05/08/2017 | 12:40:26 | 0.008 | 0.008 | 0.008 | 0.008 | 0.008 |
| 167 | 05/08/2017 | 12:41:26 | 0.008 | 0.008 | 0.008 | 0.008 | 0.008 |
| 168 | 05/08/2017 | 12:42:26 | 0.008 | 0.008 | 0.008 | 0.008 | 0.008 |
| 169 | 05/08/2017 | 12:43:26 | 0.008 | 0.008 | 0.008 | 0.008 | 0.008 |
| 170 | 05/08/2017 | 12:44:26 | 0.008 | 0.008 | 0.008 | 0.008 | 0.008 |
| 171 | 05/08/2017 | 12:45:26 | 0.008 | 0.008 | 0.008 | 0.008 | 0.008 |
| 172 | 05/08/2017 | 12:46:26 | 0.008 | 0.008 | 0.008 | 0.008 | 0.008 |
| 173 | 05/08/2017 | 12:47:26 | 0.008 | 0.008 | 0.008 | 0.008 | 0.008 |
| 174 | 05/08/2017 | 12:48:26 | 0.008 | 0.008 | 0.008 | 0.008 | 0.008 |
| 175 | 05/08/2017 | 12:49:26 | 0.008 | 0.008 | 0.008 | 0.008 | 0.008 |
| 176 | 05/08/2017 | 12:50:26 | 0.008 | 0.008 | 0.008 | 0.008 | 0.008 |
| 177 | 05/08/2017 | 12:51:26 | 0.008 | 0.008 | 0.008 | 0.008 | 0.008 |
| 178 | 05/08/2017 | 12:52:26 | 0.008 | 0.008 | 0.008 | 0.008 | 0.008 |
| 179 | 05/08/2017 | 12:53:26 | 0.008 | 0.008 | 0.008 | 0.009 | 0.009 |
| 180 | 05/08/2017 | 12:54:26 | 0.008 | 0.008 | 0.008 | 0.008 | 0.008 |
| 181 | 05/08/2017 | 12:55:26 | 0.008 | 0.008 | 0.008 | 0.008 | 0.008 |
| 182 | 05/08/2017 | 12:56:26 | 0.008 | 0.008 | 0.008 | 0.008 | 0.008 |
| 183 | 05/08/2017 | 12:57:26 | 0.008 | 0.008 | 0.008 | 0.008 | 0.008 |
| 184 | 05/08/2017 | 12:58:26 | 0.008 | 0.008 | 0.008 | 0.008 | 0.008 |
| 185 | 05/08/2017 | 12:59:26 | 0.008 | 0.008 | 0.008 | 0.008 | 0.008 |
| 186 | 05/08/2017 | 13:00:26 | 0.008 | 0.008 | 0.008 | 0.009 | 0.009 |
| 187 | 05/08/2017 | 13:01:26 | 0.008 | 0.008 | 0.008 | 0.008 | 0.008 |
| 188 | 05/08/2017 | 13:02:26 | 0.008 | 0.008 | 0.008 | 0.008 | 0.008 |
| 189 | 05/08/2017 | 13:03:26 | 0.008 | 0.008 | 0.008 | 0.008 | 0.008 |
| 190 | 05/08/2017 | 13:04:26 | 0.008 | 0.008 | 0.008 | 0.008 | 0.008 |
| 191 | 05/08/2017 | 13:05:26 | 0.008 | 0.008 | 0.008 | 0.008 | 0.008 |
| 192 | 05/08/2017 | 13:06:26 | 0.008 | 0.008 | 0.008 | 0.008 | 0.008 |
| 193 | 05/08/2017 | 13:07:26 | 0.008 | 0.008 | 0.008 | 0.008 | 0.008 |
| 194 | 05/08/2017 | 13:08:26 | 0.008 | 0.008 | 0.008 | 0.008 | 0.008 |
| 195 | 05/08/2017 | 13:09:26 | 0.008 | 0.008 | 0.008 | 0.008 | 0.009 |
| 196 | 05/08/2017 | 13:10:26 | 0.008 | 0.008 | 0.008 | 0.008 | 0.008 |
| 197 | 05/08/2017 | 13:11:26 | 0.008 | 0.008 | 0.008 | 0.008 | 0.008 |
| 198 | 05/08/2017 | 13:12:26 | 0.008 | 0.008 | 0.008 | 0.008 | 0.008 |
| 199 | 05/08/2017 | 13:13:26 | 0.008 | 0.008 | 0.008 | 0.008 | 0.008 |
| 200 | 05/08/2017 | 13:14:26 | 0.008 | 0.008 | 0.008 | 0.008 | 0.008 |
| 201 | 05/08/2017 | 13:15:26 | 0.008 | 0.008 | 0.008 | 0.008 | 0.008 |
| 202 | 05/08/2017 | 13:16:26 | 0.008 | 0.008 | 0.008 | 0.008 | 0.008 |
| 203 | 05/08/2017 | 13:17:26 | 0.008 | 0.008 | 0.008 | 0.008 | 0.008 |

| Test Data | | | | | | | |
|------------|------------|----------|------------|--------------|-------------|-------------|--------------|
| Data Point | Date | Time | PM1 mg/m^3 | PM2.5 mg/m^3 | RESP mg/m^3 | PM10 mg/m^3 | TOTAL mg/m^3 |
| 204 | 05/08/2017 | 13:18:26 | 0.008 | 0.008 | 0.008 | 0.008 | 0.008 |
| 205 | 05/08/2017 | 13:19:26 | 0.008 | 0.008 | 0.008 | 0.008 | 0.008 |
| 206 | 05/08/2017 | 13:20:26 | 0.008 | 0.008 | 0.008 | 0.009 | 0.009 |
| 207 | 05/08/2017 | 13:21:26 | 0.008 | 0.008 | 0.008 | 0.008 | 0.008 |
| 208 | 05/08/2017 | 13:22:26 | 0.008 | 0.008 | 0.008 | 0.008 | 0.008 |
| 209 | 05/08/2017 | 13:23:26 | 0.008 | 0.008 | 0.008 | 0.009 | 0.009 |
| 210 | 05/08/2017 | 13:24:26 | 0.008 | 0.008 | 0.008 | 0.009 | 0.009 |
| 211 | 05/08/2017 | 13:25:26 | 0.008 | 0.008 | 0.008 | 0.009 | 0.009 |
| 212 | 05/08/2017 | 13:26:26 | 0.008 | 0.008 | 0.008 | 0.009 | 0.009 |
| 213 | 05/08/2017 | 13:27:26 | 0.008 | 0.008 | 0.008 | 0.008 | 0.008 |
| 214 | 05/08/2017 | 13:28:26 | 0.008 | 0.008 | 0.008 | 0.008 | 0.008 |
| 215 | 05/08/2017 | 13:29:26 | 0.008 | 0.008 | 0.008 | 0.008 | 0.008 |
| 216 | 05/08/2017 | 13:30:26 | 0.008 | 0.008 | 0.008 | 0.008 | 0.008 |
| 217 | 05/08/2017 | 13:31:26 | 0.008 | 0.008 | 0.008 | 0.008 | 0.008 |
| 218 | 05/08/2017 | 13:32:26 | 0.008 | 0.008 | 0.008 | 0.008 | 0.008 |
| 219 | 05/08/2017 | 13:33:26 | 0.008 | 0.008 | 0.008 | 0.008 | 0.008 |
| 220 | 05/08/2017 | 13:34:26 | 0.008 | 0.008 | 0.008 | 0.008 | 0.008 |
| 221 | 05/08/2017 | 13:35:26 | 0.008 | 0.008 | 0.008 | 0.008 | 0.008 |
| 222 | 05/08/2017 | 13:36:26 | 0.008 | 0.008 | 0.008 | 0.009 | 0.009 |
| 223 | 05/08/2017 | 13:37:26 | 0.008 | 0.008 | 0.008 | 0.008 | 0.008 |
| 224 | 05/08/2017 | 13:38:26 | 0.008 | 0.008 | 0.008 | 0.008 | 0.008 |
| 225 | 05/08/2017 | 13:39:26 | 0.008 | 0.008 | 0.008 | 0.009 | 0.009 |
| 226 | 05/08/2017 | 13:40:26 | 0.008 | 0.008 | 0.008 | 0.008 | 0.008 |
| 227 | 05/08/2017 | 13:41:26 | 0.008 | 0.008 | 0.008 | 0.008 | 0.008 |
| 228 | 05/08/2017 | 13:42:26 | 0.008 | 0.008 | 0.008 | 0.008 | 0.008 |
| 229 | 05/08/2017 | 13:43:26 | 0.008 | 0.008 | 0.008 | 0.008 | 0.008 |
| 230 | 05/08/2017 | 13:44:26 | 0.008 | 0.008 | 0.008 | 0.008 | 0.008 |
| 231 | 05/08/2017 | 13:45:26 | 0.008 | 0.008 | 0.008 | 0.008 | 0.008 |
| 232 | 05/08/2017 | 13:46:26 | 0.008 | 0.008 | 0.008 | 0.008 | 0.008 |
| 233 | 05/08/2017 | 13:47:26 | 0.008 | 0.008 | 0.008 | 0.008 | 0.009 |
| 234 | 05/08/2017 | 13:48:26 | 0.008 | 0.008 | 0.008 | 0.009 | 0.009 |
| 235 | 05/08/2017 | 13:49:26 | 0.008 | 0.008 | 0.009 | 0.009 | 0.009 |
| 236 | 05/08/2017 | 13:50:26 | 0.008 | 0.008 | 0.008 | 0.009 | 0.009 |
| 237 | 05/08/2017 | 13:51:26 | 0.008 | 0.008 | 0.008 | 0.008 | 0.008 |
| 238 | 05/08/2017 | 13:52:26 | 0.009 | 0.009 | 0.009 | 0.009 | 0.009 |
| 239 | 05/08/2017 | 13:53:26 | 0.008 | 0.008 | 0.009 | 0.009 | 0.009 |
| 240 | 05/08/2017 | 13:54:26 | 0.008 | 0.008 | 0.008 | 0.009 | 0.009 |
| 241 | 05/08/2017 | 13:55:26 | 0.008 | 0.008 | 0.008 | 0.008 | 0.008 |
| 242 | 05/08/2017 | 13:56:26 | 0.008 | 0.008 | 0.008 | 0.009 | 0.009 |
| 243 | 05/08/2017 | 13:57:26 | 0.008 | 0.008 | 0.008 | 0.009 | 0.009 |
| 244 | 05/08/2017 | 13:58:26 | 0.008 | 0.008 | 0.008 | 0.008 | 0.008 |
| 245 | 05/08/2017 | 13:59:26 | 0.008 | 0.008 | 0.009 | 0.009 | 0.009 |
| 246 | 05/08/2017 | 14:00:26 | 0.008 | 0.008 | 0.008 | 0.008 | 0.008 |
| 247 | 05/08/2017 | 14:01:26 | 0.008 | 0.008 | 0.008 | 0.009 | 0.009 |
| 248 | 05/08/2017 | 14:02:26 | 0.008 | 0.008 | 0.008 | 0.008 | 0.008 |
| 249 | 05/08/2017 | 14:03:26 | 0.008 | 0.008 | 0.008 | 0.008 | 0.008 |

| Test Data | | | | | | | |
|------------|------------|----------|------------|--------------|-------------|-------------|--------------|
| Data Point | Date | Time | PM1 mg/m^3 | PM2.5 mg/m^3 | RESP mg/m^3 | PM10 mg/m^3 | TOTAL mg/m^3 |
| 250 | 05/08/2017 | 14:04:26 | 0.008 | 0.008 | 0.008 | 0.009 | 0.009 |
| 251 | 05/08/2017 | 14:05:26 | 0.008 | 0.008 | 0.008 | 0.008 | 0.008 |
| 252 | 05/08/2017 | 14:06:26 | 0.008 | 0.008 | 0.008 | 0.009 | 0.009 |
| 253 | 05/08/2017 | 14:07:26 | 0.008 | 0.008 | 0.008 | 0.009 | 0.009 |
| 254 | 05/08/2017 | 14:08:26 | 0.008 | 0.008 | 0.008 | 0.008 | 0.008 |
| 255 | 05/08/2017 | 14:09:26 | 0.008 | 0.008 | 0.008 | 0.008 | 0.008 |
| 256 | 05/08/2017 | 14:10:26 | 0.008 | 0.008 | 0.008 | 0.008 | 0.008 |
| 257 | 05/08/2017 | 14:11:26 | 0.008 | 0.008 | 0.008 | 0.008 | 0.008 |
| 258 | 05/08/2017 | 14:12:26 | 0.008 | 0.008 | 0.008 | 0.008 | 0.008 |
| 259 | 05/08/2017 | 14:13:26 | 0.008 | 0.008 | 0.008 | 0.009 | 0.009 |
| 260 | 05/08/2017 | 14:14:26 | 0.008 | 0.008 | 0.008 | 0.009 | 0.009 |
| 261 | 05/08/2017 | 14:15:26 | 0.009 | 0.009 | 0.009 | 0.010 | 0.010 |
| 262 | 05/08/2017 | 14:16:26 | 0.008 | 0.008 | 0.008 | 0.009 | 0.009 |
| 263 | 05/08/2017 | 14:17:26 | 0.008 | 0.008 | 0.008 | 0.009 | 0.009 |
| 264 | 05/08/2017 | 14:18:26 | 0.008 | 0.008 | 0.008 | 0.008 | 0.008 |
| 265 | 05/08/2017 | 14:19:26 | 0.008 | 0.008 | 0.008 | 0.008 | 0.008 |
| 266 | 05/08/2017 | 14:20:26 | 0.008 | 0.008 | 0.008 | 0.008 | 0.008 |
| 267 | 05/08/2017 | 14:21:26 | 0.008 | 0.008 | 0.009 | 0.009 | 0.009 |
| 268 | 05/08/2017 | 14:22:26 | 0.008 | 0.008 | 0.008 | 0.008 | 0.008 |
| 269 | 05/08/2017 | 14:23:26 | 0.008 | 0.008 | 0.008 | 0.008 | 0.008 |
| 270 | 05/08/2017 | 14:24:26 | 0.008 | 0.008 | 0.008 | 0.009 | 0.009 |
| 271 | 05/08/2017 | 14:25:26 | 0.008 | 0.008 | 0.008 | 0.008 | 0.008 |
| 272 | 05/08/2017 | 14:26:26 | 0.008 | 0.008 | 0.008 | 0.008 | 0.008 |
| 273 | 05/08/2017 | 14:27:26 | 0.008 | 0.008 | 0.008 | 0.009 | 0.009 |
| 274 | 05/08/2017 | 14:28:26 | 0.008 | 0.008 | 0.008 | 0.008 | 0.008 |
| 275 | 05/08/2017 | 14:29:26 | 0.008 | 0.008 | 0.008 | 0.009 | 0.009 |
| 276 | 05/08/2017 | 14:30:26 | 0.008 | 0.008 | 0.008 | 0.009 | 0.009 |
| 277 | 05/08/2017 | 14:31:26 | 0.008 | 0.008 | 0.008 | 0.008 | 0.008 |
| 278 | 05/08/2017 | 14:32:26 | 0.008 | 0.008 | 0.008 | 0.008 | 0.008 |
| 279 | 05/08/2017 | 14:33:26 | 0.008 | 0.008 | 0.008 | 0.008 | 0.008 |
| 280 | 05/08/2017 | 14:34:26 | 0.008 | 0.008 | 0.008 | 0.008 | 0.008 |
| 281 | 05/08/2017 | 14:35:26 | 0.008 | 0.008 | 0.008 | 0.008 | 0.008 |
| 282 | 05/08/2017 | 14:36:26 | 0.008 | 0.008 | 0.008 | 0.008 | 0.008 |
| 283 | 05/08/2017 | 14:37:26 | 0.008 | 0.008 | 0.008 | 0.008 | 0.008 |
| 284 | 05/08/2017 | 14:38:26 | 0.008 | 0.008 | 0.008 | 0.008 | 0.008 |
| 285 | 05/08/2017 | 14:39:26 | 0.008 | 0.008 | 0.008 | 0.008 | 0.008 |
| 286 | 05/08/2017 | 14:40:26 | 0.008 | 0.008 | 0.008 | 0.008 | 0.008 |
| 287 | 05/08/2017 | 14:41:26 | 0.008 | 0.008 | 0.008 | 0.008 | 0.008 |
| 288 | 05/08/2017 | 14:42:26 | 0.008 | 0.008 | 0.008 | 0.008 | 0.008 |
| 289 | 05/08/2017 | 14:43:26 | 0.008 | 0.008 | 0.008 | 0.009 | 0.009 |
| 290 | 05/08/2017 | 14:44:26 | 0.008 | 0.008 | 0.008 | 0.009 | 0.009 |
| 291 | 05/08/2017 | 14:45:26 | 0.008 | 0.008 | 0.008 | 0.008 | 0.008 |
| 292 | 05/08/2017 | 14:46:26 | 0.008 | 0.008 | 0.008 | 0.008 | 0.008 |
| 293 | 05/08/2017 | 14:47:26 | 0.008 | 0.008 | 0.008 | 0.008 | 0.008 |
| 294 | 05/08/2017 | 14:48:26 | 0.008 | 0.008 | 0.008 | 0.008 | 0.008 |
| 295 | 05/08/2017 | 14:49:26 | 0.008 | 0.008 | 0.008 | 0.008 | 0.008 |

| Test Data | | | | | | | |
|------------|------------|----------|------------|--------------|-------------|-------------|--------------|
| Data Point | Date | Time | PM1 mg/m^3 | PM2.5 mg/m^3 | RESP mg/m^3 | PM10 mg/m^3 | TOTAL mg/m^3 |
| 296 | 05/08/2017 | 14:50:26 | 0.008 | 0.008 | 0.009 | 0.009 | 0.009 |
| 297 | 05/08/2017 | 14:51:26 | 0.008 | 0.008 | 0.008 | 0.008 | 0.008 |
| 298 | 05/08/2017 | 14:52:26 | 0.009 | 0.009 | 0.009 | 0.011 | 0.011 |
| 299 | 05/08/2017 | 14:53:26 | 0.008 | 0.008 | 0.008 | 0.008 | 0.009 |
| 300 | 05/08/2017 | 14:54:26 | 0.008 | 0.008 | 0.008 | 0.008 | 0.008 |
| 301 | 05/08/2017 | 14:55:26 | 0.008 | 0.008 | 0.008 | 0.008 | 0.008 |
| 302 | 05/08/2017 | 14:56:26 | 0.008 | 0.008 | 0.008 | 0.008 | 0.008 |
| 303 | 05/08/2017 | 14:57:26 | 0.008 | 0.008 | 0.008 | 0.009 | 0.009 |
| 304 | 05/08/2017 | 14:58:26 | 0.008 | 0.008 | 0.008 | 0.008 | 0.008 |
| 305 | 05/08/2017 | 14:59:26 | 0.008 | 0.008 | 0.008 | 0.008 | 0.008 |
| 306 | 05/08/2017 | 15:00:26 | 0.008 | 0.008 | 0.008 | 0.008 | 0.008 |
| 307 | 05/08/2017 | 15:01:26 | 0.008 | 0.008 | 0.008 | 0.008 | 0.008 |
| 308 | 05/08/2017 | 15:02:26 | 0.008 | 0.008 | 0.008 | 0.008 | 0.008 |
| 309 | 05/08/2017 | 15:03:26 | 0.008 | 0.008 | 0.008 | 0.008 | 0.008 |
| 310 | 05/08/2017 | 15:04:26 | 0.008 | 0.008 | 0.008 | 0.008 | 0.008 |
| 311 | 05/08/2017 | 15:05:26 | 0.008 | 0.008 | 0.008 | 0.008 | 0.008 |
| 312 | 05/08/2017 | 15:06:26 | 0.008 | 0.008 | 0.008 | 0.008 | 0.008 |
| 313 | 05/08/2017 | 15:07:26 | 0.008 | 0.008 | 0.008 | 0.008 | 0.008 |
| 314 | 05/08/2017 | 15:08:26 | 0.008 | 0.008 | 0.008 | 0.008 | 0.008 |
| 315 | 05/08/2017 | 15:09:26 | 0.008 | 0.008 | 0.008 | 0.008 | 0.008 |
| 316 | 05/08/2017 | 15:10:26 | 0.008 | 0.008 | 0.008 | 0.008 | 0.008 |
| 317 | 05/08/2017 | 15:11:26 | 0.008 | 0.008 | 0.008 | 0.008 | 0.008 |
| 318 | 05/08/2017 | 15:12:26 | 0.008 | 0.008 | 0.008 | 0.008 | 0.008 |
| 319 | 05/08/2017 | 15:13:26 | 0.008 | 0.008 | 0.008 | 0.008 | 0.008 |
| 320 | 05/08/2017 | 15:14:26 | 0.008 | 0.008 | 0.008 | 0.008 | 0.008 |
| 321 | 05/08/2017 | 15:15:26 | 0.008 | 0.008 | 0.008 | 0.008 | 0.008 |
| 322 | 05/08/2017 | 15:16:26 | 0.008 | 0.008 | 0.008 | 0.008 | 0.008 |
| 323 | 05/08/2017 | 15:17:26 | 0.008 | 0.008 | 0.008 | 0.008 | 0.009 |
| 324 | 05/08/2017 | 15:18:26 | 0.008 | 0.008 | 0.008 | 0.008 | 0.008 |
| 325 | 05/08/2017 | 15:19:26 | 0.008 | 0.008 | 0.008 | 0.008 | 0.008 |
| 326 | 05/08/2017 | 15:20:26 | 0.008 | 0.008 | 0.008 | 0.008 | 0.008 |
| 327 | 05/08/2017 | 15:21:26 | 0.008 | 0.008 | 0.008 | 0.008 | 0.008 |
| 328 | 05/08/2017 | 15:22:26 | 0.008 | 0.008 | 0.008 | 0.008 | 0.008 |
| 329 | 05/08/2017 | 15:23:26 | 0.008 | 0.008 | 0.008 | 0.008 | 0.009 |
| 330 | 05/08/2017 | 15:24:26 | 0.008 | 0.008 | 0.008 | 0.008 | 0.008 |
| 331 | 05/08/2017 | 15:25:26 | 0.008 | 0.008 | 0.008 | 0.008 | 0.008 |
| 332 | 05/08/2017 | 15:26:26 | 0.008 | 0.008 | 0.008 | 0.008 | 0.008 |
| 333 | 05/08/2017 | 15:27:26 | 0.008 | 0.008 | 0.008 | 0.008 | 0.008 |
| 334 | 05/08/2017 | 15:28:26 | 0.008 | 0.008 | 0.008 | 0.008 | 0.008 |
| 335 | 05/08/2017 | 15:29:26 | 0.008 | 0.008 | 0.008 | 0.008 | 0.008 |
| 336 | 05/08/2017 | 15:30:26 | 0.008 | 0.008 | 0.008 | 0.008 | 0.008 |
| 337 | 05/08/2017 | 15:31:26 | 0.007 | 0.007 | 0.008 | 0.008 | 0.008 |
| 338 | 05/08/2017 | 15:32:26 | 0.008 | 0.008 | 0.008 | 0.008 | 0.008 |
| 339 | 05/08/2017 | 15:33:26 | 0.008 | 0.008 | 0.008 | 0.008 | 0.008 |
| 340 | 05/08/2017 | 15:34:26 | 0.008 | 0.008 | 0.008 | 0.008 | 0.008 |
| 341 | 05/08/2017 | 15:35:26 | 0.008 | 0.008 | 0.008 | 0.008 | 0.008 |

| Test Data | | | | | | | |
|------------|------------|----------|------------|--------------|-------------|-------------|--------------|
| Data Point | Date | Time | PM1 mg/m^3 | PM2.5 mg/m^3 | RESP mg/m^3 | PM10 mg/m^3 | TOTAL mg/m^3 |
| 342 | 05/08/2017 | 15:36:26 | 0.007 | 0.007 | 0.007 | 0.008 | 0.008 |
| 343 | 05/08/2017 | 15:37:26 | 0.007 | 0.007 | 0.008 | 0.008 | 0.008 |
| 344 | 05/08/2017 | 15:38:26 | 0.008 | 0.008 | 0.008 | 0.008 | 0.008 |
| 345 | 05/08/2017 | 15:39:26 | 0.008 | 0.008 | 0.008 | 0.008 | 0.008 |
| 346 | 05/08/2017 | 15:40:26 | 0.008 | 0.008 | 0.008 | 0.008 | 0.008 |
| 347 | 05/08/2017 | 15:41:26 | 0.008 | 0.008 | 0.008 | 0.008 | 0.008 |
| 348 | 05/08/2017 | 15:42:26 | 0.008 | 0.008 | 0.008 | 0.008 | 0.008 |
| 349 | 05/08/2017 | 15:43:26 | 0.008 | 0.008 | 0.008 | 0.008 | 0.008 |
| 350 | 05/08/2017 | 15:44:26 | 0.008 | 0.008 | 0.008 | 0.008 | 0.008 |
| 351 | 05/08/2017 | 15:45:26 | 0.008 | 0.008 | 0.008 | 0.008 | 0.008 |
| 352 | 05/08/2017 | 15:46:26 | 0.008 | 0.008 | 0.008 | 0.009 | 0.009 |
| 353 | 05/08/2017 | 15:47:26 | 0.008 | 0.008 | 0.008 | 0.008 | 0.008 |
| 354 | 05/08/2017 | 15:48:26 | 0.008 | 0.008 | 0.008 | 0.008 | 0.008 |
| 355 | 05/08/2017 | 15:49:26 | 0.008 | 0.008 | 0.008 | 0.008 | 0.008 |
| 356 | 05/08/2017 | 15:50:26 | 0.008 | 0.008 | 0.008 | 0.008 | 0.008 |
| 357 | 05/08/2017 | 15:51:26 | 0.008 | 0.008 | 0.008 | 0.008 | 0.008 |
| 358 | 05/08/2017 | 15:52:26 | 0.008 | 0.008 | 0.008 | 0.008 | 0.008 |
| 359 | 05/08/2017 | 15:53:26 | 0.008 | 0.008 | 0.008 | 0.008 | 0.008 |
| 360 | 05/08/2017 | 15:54:26 | 0.008 | 0.008 | 0.008 | 0.008 | 0.008 |
| 361 | 05/08/2017 | 15:55:26 | 0.007 | 0.008 | 0.008 | 0.008 | 0.008 |
| 362 | 05/08/2017 | 15:56:26 | 0.008 | 0.008 | 0.008 | 0.008 | 0.008 |
| 363 | 05/08/2017 | 15:57:26 | 0.007 | 0.008 | 0.008 | 0.008 | 0.008 |
| 364 | 05/08/2017 | 15:58:26 | 0.007 | 0.007 | 0.007 | 0.007 | 0.007 |
| 365 | 05/08/2017 | 15:59:26 | 0.007 | 0.007 | 0.008 | 0.008 | 0.008 |
| 366 | 05/08/2017 | 16:00:26 | 0.008 | 0.008 | 0.008 | 0.008 | 0.008 |
| 367 | 05/08/2017 | 16:01:26 | 0.008 | 0.008 | 0.008 | 0.008 | 0.008 |
| 368 | 05/08/2017 | 16:02:26 | 0.008 | 0.008 | 0.008 | 0.008 | 0.008 |
| 369 | 05/08/2017 | 16:03:26 | 0.008 | 0.008 | 0.008 | 0.008 | 0.008 |
| 370 | 05/08/2017 | 16:04:26 | 0.008 | 0.008 | 0.008 | 0.008 | 0.008 |
| 371 | 05/08/2017 | 16:05:26 | 0.007 | 0.008 | 0.008 | 0.008 | 0.008 |
| 372 | 05/08/2017 | 16:06:26 | 0.008 | 0.008 | 0.008 | 0.008 | 0.008 |
| 373 | 05/08/2017 | 16:07:26 | 0.008 | 0.008 | 0.008 | 0.008 | 0.008 |
| 374 | 05/08/2017 | 16:08:26 | 0.008 | 0.008 | 0.008 | 0.008 | 0.008 |
| 375 | 05/08/2017 | 16:09:26 | 0.008 | 0.008 | 0.008 | 0.008 | 0.008 |
| 376 | 05/08/2017 | 16:10:26 | 0.008 | 0.008 | 0.008 | 0.008 | 0.008 |
| 377 | 05/08/2017 | 16:11:26 | 0.008 | 0.008 | 0.008 | 0.008 | 0.008 |
| 378 | 05/08/2017 | 16:12:26 | 0.007 | 0.008 | 0.008 | 0.008 | 0.008 |
| 379 | 05/08/2017 | 16:13:26 | 0.008 | 0.008 | 0.008 | 0.008 | 0.008 |
| 380 | 05/08/2017 | 16:14:26 | 0.008 | 0.008 | 0.008 | 0.008 | 0.008 |
| 381 | 05/08/2017 | 16:15:26 | 0.008 | 0.008 | 0.008 | 0.008 | 0.008 |
| 382 | 05/08/2017 | 16:16:26 | 0.008 | 0.008 | 0.008 | 0.008 | 0.008 |
| 383 | 05/08/2017 | 16:17:26 | 0.008 | 0.008 | 0.008 | 0.008 | 0.008 |
| 384 | 05/08/2017 | 16:18:26 | 0.008 | 0.008 | 0.008 | 0.008 | 0.008 |
| 385 | 05/08/2017 | 16:19:26 | 0.008 | 0.008 | 0.008 | 0.008 | 0.008 |
| 386 | 05/08/2017 | 16:20:26 | 0.007 | 0.007 | 0.008 | 0.008 | 0.008 |
| 387 | 05/08/2017 | 16:21:26 | 0.008 | 0.008 | 0.008 | 0.008 | 0.008 |

| Test Data | | | | | | | |
|------------|------------|----------|------------|--------------|-------------|-------------|--------------|
| Data Point | Date | Time | PM1 mg/m^3 | PM2.5 mg/m^3 | RESP mg/m^3 | PM10 mg/m^3 | TOTAL mg/m^3 |
| 388 | 05/08/2017 | 16:22:26 | 0.008 | 0.008 | 0.008 | 0.008 | 0.008 |
| 389 | 05/08/2017 | 16:23:26 | 0.007 | 0.008 | 0.008 | 0.008 | 0.008 |
| 390 | 05/08/2017 | 16:24:26 | 0.008 | 0.008 | 0.008 | 0.008 | 0.008 |
| 391 | 05/08/2017 | 16:25:26 | 0.008 | 0.008 | 0.008 | 0.008 | 0.008 |
| 392 | 05/08/2017 | 16:26:26 | 0.008 | 0.008 | 0.008 | 0.008 | 0.008 |
| 393 | 05/08/2017 | 16:27:26 | 0.008 | 0.008 | 0.008 | 0.008 | 0.008 |
| 394 | 05/08/2017 | 16:28:26 | 0.008 | 0.008 | 0.008 | 0.008 | 0.008 |
| 395 | 05/08/2017 | 16:29:26 | 0.008 | 0.008 | 0.008 | 0.008 | 0.008 |
| 396 | 05/08/2017 | 16:30:26 | 0.008 | 0.008 | 0.008 | 0.008 | 0.008 |
| 397 | 05/08/2017 | 16:31:26 | 0.008 | 0.008 | 0.008 | 0.008 | 0.008 |
| 398 | 05/08/2017 | 16:32:26 | 0.007 | 0.008 | 0.008 | 0.008 | 0.008 |
| 399 | 05/08/2017 | 16:33:26 | 0.008 | 0.008 | 0.008 | 0.008 | 0.008 |
| 400 | 05/08/2017 | 16:34:26 | 0.007 | 0.007 | 0.008 | 0.008 | 0.008 |
| 401 | 05/08/2017 | 16:35:26 | 0.007 | 0.008 | 0.008 | 0.008 | 0.008 |
| 402 | 05/08/2017 | 16:36:26 | 0.008 | 0.008 | 0.008 | 0.008 | 0.008 |
| 403 | 05/08/2017 | 16:37:26 | 0.007 | 0.008 | 0.008 | 0.008 | 0.008 |
| 404 | 05/08/2017 | 16:38:26 | 0.008 | 0.008 | 0.008 | 0.008 | 0.008 |
| 405 | 05/08/2017 | 16:39:26 | 0.007 | 0.007 | 0.008 | 0.008 | 0.008 |
| 406 | 05/08/2017 | 16:40:26 | 0.007 | 0.007 | 0.007 | 0.008 | 0.008 |
| 407 | 05/08/2017 | 16:41:26 | 0.007 | 0.007 | 0.007 | 0.008 | 0.008 |
| 408 | 05/08/2017 | 16:42:26 | 0.008 | 0.008 | 0.008 | 0.008 | 0.008 |
| 409 | 05/08/2017 | 16:43:26 | 0.007 | 0.007 | 0.007 | 0.008 | 0.008 |
| 410 | 05/08/2017 | 16:44:26 | 0.007 | 0.007 | 0.007 | 0.008 | 0.008 |
| 411 | 05/08/2017 | 16:45:26 | 0.007 | 0.007 | 0.008 | 0.008 | 0.008 |
| 412 | 05/08/2017 | 16:46:26 | 0.007 | 0.007 | 0.007 | 0.008 | 0.008 |
| 413 | 05/08/2017 | 16:47:26 | 0.008 | 0.008 | 0.008 | 0.008 | 0.008 |
| 414 | 05/08/2017 | 16:48:26 | 0.007 | 0.007 | 0.007 | 0.008 | 0.008 |
| 415 | 05/08/2017 | 16:49:26 | 0.007 | 0.007 | 0.007 | 0.008 | 0.008 |
| 416 | 05/08/2017 | 16:50:26 | 0.008 | 0.008 | 0.008 | 0.008 | 0.008 |
| 417 | 05/08/2017 | 16:51:26 | 0.008 | 0.008 | 0.008 | 0.008 | 0.008 |
| 418 | 05/08/2017 | 16:52:26 | 0.008 | 0.008 | 0.008 | 0.008 | 0.008 |
| 419 | 05/08/2017 | 16:53:26 | 0.008 | 0.008 | 0.008 | 0.008 | 0.008 |
| 420 | 05/08/2017 | 16:54:26 | 0.008 | 0.008 | 0.008 | 0.008 | 0.008 |
| 421 | 05/08/2017 | 16:55:26 | 0.007 | 0.007 | 0.007 | 0.007 | 0.007 |
| 422 | 05/08/2017 | 16:56:26 | 0.007 | 0.008 | 0.008 | 0.008 | 0.008 |
| 423 | 05/08/2017 | 16:57:26 | 0.008 | 0.008 | 0.008 | 0.008 | 0.008 |
| 424 | 05/08/2017 | 16:58:26 | 0.007 | 0.007 | 0.007 | 0.008 | 0.008 |
| 425 | 05/08/2017 | 16:59:26 | 0.007 | 0.007 | 0.007 | 0.007 | 0.007 |
| 426 | 05/08/2017 | 17:00:26 | 0.007 | 0.007 | 0.007 | 0.007 | 0.007 |
| 427 | 05/08/2017 | 17:01:26 | 0.007 | 0.007 | 0.007 | 0.007 | 0.007 |
| 428 | 05/08/2017 | 17:02:26 | 0.007 | 0.007 | 0.007 | 0.007 | 0.007 |
| 429 | 05/08/2017 | 17:03:26 | 0.007 | 0.007 | 0.007 | 0.008 | 0.008 |
| 430 | 05/08/2017 | 17:04:26 | 0.007 | 0.007 | 0.007 | 0.007 | 0.007 |
| 431 | 05/08/2017 | 17:05:26 | 0.007 | 0.007 | 0.007 | 0.007 | 0.007 |
| 432 | 05/08/2017 | 17:06:26 | 0.007 | 0.007 | 0.007 | 0.008 | 0.008 |
| 433 | 05/08/2017 | 17:07:26 | 0.007 | 0.007 | 0.007 | 0.007 | 0.007 |

| Test Data | | | | | | | |
|------------|------------|----------|------------|--------------|-------------|-------------|--------------|
| Data Point | Date | Time | PM1 mg/m^3 | PM2.5 mg/m^3 | RESP mg/m^3 | PM10 mg/m^3 | TOTAL mg/m^3 |
| 434 | 05/08/2017 | 17:08:26 | 0.007 | 0.007 | 0.007 | 0.007 | 0.007 |
| 435 | 05/08/2017 | 17:09:26 | 0.007 | 0.007 | 0.007 | 0.008 | 0.008 |
| 436 | 05/08/2017 | 17:10:26 | 0.007 | 0.007 | 0.007 | 0.008 | 0.008 |
| 437 | 05/08/2017 | 17:11:26 | 0.007 | 0.007 | 0.007 | 0.007 | 0.007 |
| 438 | 05/08/2017 | 17:12:26 | 0.007 | 0.007 | 0.007 | 0.007 | 0.007 |
| 439 | 05/08/2017 | 17:13:26 | 0.007 | 0.007 | 0.007 | 0.007 | 0.007 |
| 440 | 05/08/2017 | 17:14:26 | 0.007 | 0.007 | 0.007 | 0.007 | 0.007 |
| 441 | 05/08/2017 | 17:15:26 | 0.007 | 0.007 | 0.007 | 0.007 | 0.008 |
| 442 | 05/08/2017 | 17:16:26 | 0.007 | 0.007 | 0.007 | 0.007 | 0.007 |
| 443 | 05/08/2017 | 17:17:26 | 0.007 | 0.007 | 0.007 | 0.007 | 0.007 |
| 444 | 05/08/2017 | 17:18:26 | 0.007 | 0.007 | 0.007 | 0.007 | 0.008 |
| 445 | 05/08/2017 | 17:19:26 | 0.007 | 0.007 | 0.007 | 0.007 | 0.007 |
| 446 | 05/08/2017 | 17:20:26 | 0.007 | 0.007 | 0.007 | 0.007 | 0.007 |
| 447 | 05/08/2017 | 17:21:26 | 0.007 | 0.007 | 0.007 | 0.007 | 0.008 |
| 448 | 05/08/2017 | 17:22:26 | 0.007 | 0.007 | 0.007 | 0.007 | 0.007 |
| 449 | 05/08/2017 | 17:23:26 | 0.007 | 0.007 | 0.007 | 0.007 | 0.007 |
| 450 | 05/08/2017 | 17:24:26 | 0.007 | 0.007 | 0.007 | 0.007 | 0.007 |
| 451 | 05/08/2017 | 17:25:26 | 0.007 | 0.007 | 0.007 | 0.007 | 0.007 |
| 452 | 05/08/2017 | 17:26:26 | 0.007 | 0.007 | 0.007 | 0.008 | 0.008 |
| 453 | 05/08/2017 | 17:27:26 | 0.007 | 0.007 | 0.007 | 0.007 | 0.007 |
| 454 | 05/08/2017 | 17:28:26 | 0.007 | 0.007 | 0.007 | 0.007 | 0.007 |
| 455 | 05/08/2017 | 17:29:26 | 0.007 | 0.007 | 0.007 | 0.007 | 0.007 |
| 456 | 05/08/2017 | 17:30:26 | 0.007 | 0.007 | 0.007 | 0.007 | 0.007 |
| 457 | 05/08/2017 | 17:31:26 | 0.007 | 0.007 | 0.007 | 0.007 | 0.007 |
| 458 | 05/08/2017 | 17:32:26 | 0.007 | 0.007 | 0.007 | 0.008 | 0.008 |
| 459 | 05/08/2017 | 17:33:26 | 0.007 | 0.007 | 0.007 | 0.007 | 0.007 |
| 460 | 05/08/2017 | 17:34:26 | 0.007 | 0.007 | 0.007 | 0.007 | 0.007 |
| 461 | 05/08/2017 | 17:35:26 | 0.007 | 0.007 | 0.007 | 0.007 | 0.007 |
| 462 | 05/08/2017 | 17:36:26 | 0.007 | 0.007 | 0.007 | 0.007 | 0.007 |
| 463 | 05/08/2017 | 17:37:26 | 0.007 | 0.007 | 0.007 | 0.007 | 0.008 |
| 464 | 05/08/2017 | 17:38:26 | 0.007 | 0.007 | 0.007 | 0.007 | 0.007 |
| 465 | 05/08/2017 | 17:39:26 | 0.007 | 0.007 | 0.007 | 0.007 | 0.007 |
| 466 | 05/08/2017 | 17:40:26 | 0.007 | 0.007 | 0.007 | 0.007 | 0.007 |
| 467 | 05/08/2017 | 17:41:26 | 0.007 | 0.007 | 0.007 | 0.007 | 0.007 |
| 468 | 05/08/2017 | 17:42:26 | 0.007 | 0.007 | 0.007 | 0.007 | 0.007 |
| 469 | 05/08/2017 | 17:43:26 | 0.007 | 0.007 | 0.007 | 0.007 | 0.007 |
| 470 | 05/08/2017 | 17:44:26 | 0.007 | 0.007 | 0.007 | 0.007 | 0.007 |
| 471 | 05/08/2017 | 17:45:26 | 0.007 | 0.007 | 0.007 | 0.007 | 0.007 |
| 472 | 05/08/2017 | 17:46:26 | 0.007 | 0.007 | 0.007 | 0.007 | 0.007 |
| 473 | 05/08/2017 | 17:47:26 | 0.007 | 0.007 | 0.007 | 0.007 | 0.007 |
| 474 | 05/08/2017 | 17:48:26 | 0.007 | 0.007 | 0.007 | 0.007 | 0.007 |
| 475 | 05/08/2017 | 17:49:26 | 0.007 | 0.007 | 0.007 | 0.007 | 0.007 |
| 476 | 05/08/2017 | 17:50:26 | 0.007 | 0.007 | 0.007 | 0.007 | 0.008 |
| 477 | 05/08/2017 | 17:51:26 | 0.007 | 0.007 | 0.007 | 0.007 | 0.007 |
| 478 | 05/08/2017 | 17:52:26 | 0.007 | 0.007 | 0.007 | 0.008 | 0.008 |
| 479 | 05/08/2017 | 17:53:26 | 0.007 | 0.007 | 0.007 | 0.007 | 0.007 |

| Test Data | | | | | | | |
|------------|------------|----------|------------|--------------|-------------|-------------|--------------|
| Data Point | Date | Time | PM1 mg/m^3 | PM2.5 mg/m^3 | RESP mg/m^3 | PM10 mg/m^3 | TOTAL mg/m^3 |
| 480 | 05/08/2017 | 17:54:26 | 0.007 | 0.007 | 0.007 | 0.007 | 0.007 |
| 481 | 05/08/2017 | 17:55:26 | 0.007 | 0.007 | 0.007 | 0.007 | 0.007 |
| 482 | 05/08/2017 | 17:56:26 | 0.007 | 0.007 | 0.007 | 0.007 | 0.007 |
| 483 | 05/08/2017 | 17:57:26 | 0.007 | 0.007 | 0.007 | 0.007 | 0.007 |
| 484 | 05/08/2017 | 17:58:26 | 0.007 | 0.007 | 0.007 | 0.007 | 0.007 |
| 485 | 05/08/2017 | 17:59:26 | 0.007 | 0.007 | 0.007 | 0.007 | 0.007 |
| 486 | 05/08/2017 | 18:00:26 | 0.007 | 0.007 | 0.007 | 0.007 | 0.007 |
| 487 | 05/08/2017 | 18:01:26 | 0.007 | 0.007 | 0.007 | 0.007 | 0.007 |
| 488 | 05/08/2017 | 18:02:26 | 0.007 | 0.007 | 0.007 | 0.007 | 0.007 |
| 489 | 05/08/2017 | 18:03:26 | 0.007 | 0.007 | 0.007 | 0.007 | 0.007 |
| 490 | 05/08/2017 | 18:04:26 | 0.007 | 0.007 | 0.007 | 0.007 | 0.007 |
| 491 | 05/08/2017 | 18:05:26 | 0.007 | 0.007 | 0.007 | 0.007 | 0.007 |

Appendix C

Analytical Laboratory Results



Analytics Corporation
10329 Stony Run Lane
Ashland, Va 23005
Phone: (804) 365-3000 Fax: (804) 365-3002
AIHA Accreditation # 176, ID 100531

May 17, 2017

H.BRODY
E A ENGINEERING, SCIENCE & TECH
225 SCHILLING CIRCLE, SUITE 400
SPARKS, MD 21031

Laboratory Workorder ID: V131006

Client Project ID: HOWARD COUNTY CHASE

Received: May 11, 2017

Reported: May 17, 2017

Attached are the results we obtained on the analysis of your samples submitted to Analytics. Any Chains-of-Custody associated by this sample group are enclosed. Air concentrations are calculated as a convenience to the client and the overall accuracy of this result depends on both the accuracy of the air volume and the amount found by analysis. Theoretical air volumes for passive monitors are calculated using the sampling time submitted and the manufacturer's listed sampling rate for each compound. Results provided in this report relate only to the items tested.

For blanks and non-detects the results indicated with a '<' value represents the reporting limit for the analysis. Unless otherwise noted results are not corrected for blank values.

Unless the signature of the appropriate manager(s) appears on this report, this report should be considered PRELIMINARY and is subject to change.

We appreciate your confidence in allowing Analytics to be your testing laboratory. Any questions regarding this report can be addressed by calling our customer services department at (800) 888-8061.

A handwritten signature in black ink that reads "Andrew L. Teague".

Andrew L. Teague, CIH
Technical Director

Enclosures



Analytics Corporation
10329 Stony Run Lane
Ashland, Va 23005
Phone: (804) 365-3000 Fax: (804) 365-3002
AIHA Accreditation # 176, ID 100531

Final Report

Work Order V131006

E A ENGINEERING, SCIENCE & TECH
225 SCHILLING CIRCLE, SUITE 400
SPARKS, MD 21031

Customer: 19814595
Attention: H.BRODY
PO Number H.BRODY

Date Received: 05/11/17
Client Project ID HOWARD COUNTY CHASE

| | | | | | | | | |
|---------|------------|------------|----------------|--------|----------------------|--------------|----------|----------------|
| Lab ID: | V131006001 | Sample ID: | CL-1 0758-1559 | Media: | C-70 Resp. PPI/PWPVC | Sample Date: | 5/8/2017 | Sampling Time: |
|---------|------------|------------|----------------|--------|----------------------|--------------|----------|----------------|

| Analyte | Method | Analysis Date | Volume | Reporting Limit | Front | Rear | Total | Concentration |
|-------------------------------|-------------|---------------|--------|-----------------|-------|------|-----------|---------------|
| Respirable Dust | NIOSH 0600 | 05/11/17 | 962 L | .05 mg | | | < 0.05 mg | < 0.052 mg/M3 |
| Cristobalite, Respirable | NIOSH 7500M | 05/17/17 | 962 L | 5.0 ug | | | < 5 ug | < 5.2 ug/M3 |
| Quartz, Respirable | NIOSH 7500M | 05/17/17 | 962 L | 5.0 ug | | | < 5 ug | < 5.2 ug/M3 |
| Respirable Crystalline Silica | NIOSH 7500M | 05/17/17 | 962 L | 10.0 ug | | | < 10 ug | < 10.4 ug/M3 |

| | | | | | | | | |
|---------|------------|------------|----------------|--------|----------------------|--------------|----------|----------------|
| Lab ID: | V131006002 | Sample ID: | CL-2 0827-1627 | Media: | C-70 Resp. PPI/PWPVC | Sample Date: | 5/8/2017 | Sampling Time: |
|---------|------------|------------|----------------|--------|----------------------|--------------|----------|----------------|

| Analyte | Method | Analysis Date | Volume | Reporting Limit | Front | Rear | Total | Concentration |
|-------------------------------|-------------|---------------|--------|-----------------|-------|------|-----------|---------------|
| Respirable Dust | NIOSH 0600 | 05/11/17 | 960 L | .05 mg | | | < 0.05 mg | < 0.052 mg/M3 |
| Cristobalite, Respirable | NIOSH 7500M | 05/17/17 | 960 L | 5.0 ug | | | < 5 ug | < 5.2 ug/M3 |
| Quartz, Respirable | NIOSH 7500M | 05/17/17 | 960 L | 5.0 ug | | | < 5 ug | < 5.2 ug/M3 |
| Respirable Crystalline Silica | NIOSH 7500M | 05/17/17 | 960 L | 10.0 ug | | | < 10 ug | < 10.4 ug/M3 |

| | | | | | | | | |
|---------|------------|------------|----------------|--------|----------------------|--------------|----------|----------------|
| Lab ID: | V131006003 | Sample ID: | CL-3 0907-1705 | Media: | C-70 Resp. PPI/PWPVC | Sample Date: | 5/8/2017 | Sampling Time: |
|---------|------------|------------|----------------|--------|----------------------|--------------|----------|----------------|

| Analyte | Method | Analysis Date | Volume | Reporting Limit | Front | Rear | Total | Concentration |
|--------------------------|-------------|---------------|--------|-----------------|-------|------|-----------|---------------|
| Respirable Dust | NIOSH 0600 | 05/11/17 | 956 L | .05 mg | | | < 0.05 mg | < 0.052 mg/M3 |
| Cristobalite, Respirable | NIOSH 7500M | 05/17/17 | 956 L | 5.0 ug | | | < 5 ug | < 5.2 ug/M3 |



Analytics Corporation
10329 Stony Run Lane
Ashland, Va 23005
Phone: (804) 365-3000 Fax: (804) 365-3002
AIHA Accreditation # 176, ID 100531

Final Report

Work Order V131006

| | | | | | | | | |
|---------|------------|------------|----------------|--------|----------------------|--------------|----------|----------------|
| Lab ID: | V131006003 | Sample ID: | CL-3 0907-1705 | Media: | C-70 Resp. PPI/PWPVC | Sample Date: | 5/8/2017 | Sampling Time: |
|---------|------------|------------|----------------|--------|----------------------|--------------|----------|----------------|

| Analyte | Method | Analysis Date | Volume | Reporting Limit | Front | Rear | Total | Concentration |
|-------------------------------|-------------|---------------|--------|-----------------|-------|------|---------|---------------|
| Quartz, Respirable | NIOSH 7500M | 05/17/17 | 956 L | 5.0 ug | | | < 5 ug | < 5.2 ug/M3 |
| Respirable Crystalline Silica | NIOSH 7500M | 05/17/17 | 956 L | 10.0 ug | | | < 10 ug | < 10.5 ug/M3 |

| | | | | | | | | |
|---------|------------|------------|----------------|--------|----------------------|--------------|----------|----------------|
| Lab ID: | V131006004 | Sample ID: | CL-4 1005-1810 | Media: | C-70 Resp. PPI/PWPVC | Sample Date: | 5/8/2017 | Sampling Time: |
|---------|------------|------------|----------------|--------|----------------------|--------------|----------|----------------|

| Analyte | Method | Analysis Date | Volume | Reporting Limit | Front | Rear | Total | Concentration |
|-------------------------------|-------------|---------------|--------|-----------------|-------|------|-----------|---------------|
| Respirable Dust | NIOSH 0600 | 05/11/17 | 970 L | .05 mg | | | < 0.05 mg | < 0.052 mg/M3 |
| Cristobalite, Respirable | NIOSH 7500M | 05/17/17 | 970 L | 5.0 ug | | | < 5 ug | < 5.2 ug/M3 |
| Quartz, Respirable | NIOSH 7500M | 05/17/17 | 970 L | 5.0 ug | | | < 5 ug | < 5.2 ug/M3 |
| Respirable Crystalline Silica | NIOSH 7500M | 05/17/17 | 970 L | 10.0 ug | | | < 10 ug | < 10.3 ug/M3 |

| | | | | | | | | |
|---------|------------|------------|-------------------|--------|----------------------|--------------|----------|----------------|
| Lab ID: | V131006005 | Sample ID: | BLANK 1-031617-12 | Media: | C-70 Resp. PPI/PWPVC | Sample Date: | 5/8/2017 | Sampling Time: |
|---------|------------|------------|-------------------|--------|----------------------|--------------|----------|----------------|

| Analyte | Method | Analysis Date | Volume | Reporting Limit | Front | Rear | Total | Concentration |
|-------------------------------|-------------|---------------|--------|-----------------|-------|------|-----------|---------------|
| Respirable Dust | NIOSH 0600 | 05/11/17 | 0 L | .05 mg | | | < 0.05 mg | -- |
| Cristobalite, Respirable | NIOSH 7500M | 05/17/17 | 0 L | 5.0 ug | | | < 5 ug | -- |
| Quartz, Respirable | NIOSH 7500M | 05/17/17 | 0 L | 5.0 ug | | | < 5 ug | -- |
| Respirable Crystalline Silica | NIOSH 7500M | 05/17/17 | 0 L | 10.0 ug | | | < 10 ug | -- |



Analytics Corporation
10329 Stony Run Lane
Ashland, Va 23005
Phone: (804) 365-3000 Fax: (804) 365-3002
AIHA Accreditation # 176, ID 100531

Final Report

Work Order V131006

| | | | | | | | | |
|---------|------------|------------|-------------------|--------|----------------------|--------------|----------|----------------|
| Lab ID: | V131006006 | Sample ID: | BLANK 2-031617-11 | Media: | C-70 Resp. PPI/PWPVC | Sample Date: | 5/8/2017 | Sampling Time: |
|---------|------------|------------|-------------------|--------|----------------------|--------------|----------|----------------|

| Analyte | Method | Analysis Date | Volume | Reporting Limit | Front | Rear | Total | Concentration |
|-------------------------------|-------------|---------------|--------|-----------------|-------|------|-----------|---------------|
| Respirable Dust | NIOSH 0600 | 05/11/17 | 0 L | .05 mg | | | < 0.05 mg | -- |
| Cristobalite, Respirable | NIOSH 7500M | 05/17/17 | 0 L | 5.0 ug | | | < 5 ug | -- |
| Quartz, Respirable | NIOSH 7500M | 05/17/17 | 0 L | 5.0 ug | | | < 5 ug | -- |
| Respirable Crystalline Silica | NIOSH 7500M | 05/17/17 | 0 L | 10.0 ug | | | < 10 ug | -- |

Presence of Tridymite checked on samples analyzed for silica & reported if found. NIOSH 7500 Sampling and Analytical Error value: 0.15



Analytics Corporation
10329 Stony Run Lane
Ashland, Va 23005
Phone: (804) 365-3000 Fax: (804) 365-3002
AIHA Accreditation # 176, ID 100531

Final Report

Work Order V131006

General Laboratory Comments

Abbreviations:

ug = micrograms; mg=milligrams; g = grams, ppm=parts per million (volume), ppb = parts per billion (volume), mg/M3=milligrams per cubic meter of air, ug/M3=micrograms per cubic meter of air; Min=minutes, Qual=Qualifiers

LABORATORY TEST REQUEST

E ACCOUNT NUMBER, NAME AND ADDRESS SCIENCE & TECH

225 SCHILLING CIRCLE, SUITE 400
SPARKS, MD 21031
Phone: 443-466-8836
Fax:
PROJ#: 19814595



10329 St
Ashland
(804)
TOLL FREE
FAX (8)

Barcode
V131006

| | | | |
|---|--|--|--|
| DATE SHIPPED | # OF SAMPLES <i>6</i> | SAMPLE TYPE/MEDIA <i>SKC PPE IMPAIRMENT</i> | PROJECT NAME OR NUMBER <i>Howard County Chase Lands</i> |
| PURCHASE ORDER NO. | | CONTACT <i>H Bradley</i> | TELEPHONE NUMBER |
| TURN AROUND TIME * <input type="checkbox"/> SAME DAY * <input type="checkbox"/> 1 DAY * CALL FOR AVAILABILITY | | SPECIAL INSTRUCTIONS AND/OR UNUSUAL CONDITIONS: <i>TIME ON/OFF Below Sample # SAMPLES RUN AT 2 LPM</i> | |
| * <input type="checkbox"/> 2 DAY <input checked="" type="checkbox"/> STANDARD <input type="checkbox"/> EXTRA CHARGE | | <input type="checkbox"/> FAX RESULTS FAX NUMBER: () _____ <input type="checkbox"/> EMAIL RESULTS - EMAIL: | |
| FOR LABORATORY USE ONLY | SAMPLE # OR SAMPLE AREA <i>CL-1</i> | SAMPLE DATE <i>5/8/17</i> | SAMPLE VOLUME/LITERS <i>962 Liters</i> |
| | <i>0758-1559</i> | | |
| | <i>CL-2</i> | | <i>960 Liters</i> |
| | <i>0827-1627</i> | | |
| | <i>CL-3</i> | | <i>956 Liters</i> |
| | <i>0907-1705</i> | | |
| | <i>CL-4</i> | | <i>970 Liters</i> |
| | <i>1005-1810</i> | | |
| | <i>031617-12</i> | | |
| | <i>BLANK-1</i> | | |
| | <i>031617-11</i> | | |
| | <i>BLANK-2</i> | | |
| | <i>[REDACTED]</i> | | |
| | <i>1</i> | | |

CHAIN OF CUSTODY RECORD

SAMPLES HAVE BEEN SEALED FOR TRANSPORT AND DELIVERED TO LABORATORY VIA:

FED EX

CARRIER

IF "ANALYTICS COURIER" SIGN HERE

SIGN HERE TO INITIATE CHAIN OF CUSTODY

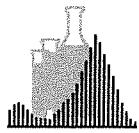
5/10/17

DATE

| DATE/TIME | CONDITION OF SAMPLE | SAMPLES RECEIVED BY: SIGNATURE(SAMPLE RECEIVING) | SAMPLES RELEASED BY: SIGNATURE(SAMPLE RECEIVING) |
|--------------------------|---------------------|---|---|
| <i>05/11/17 0943</i> | <i>INT</i> | <i>C Cartier</i> | |
| | | SIGNATURE(SAMPLE ADMINISTRATION) | SIGNATURE(SAMPLE ADMINISTRATION) |
| | | SIGNATURE(LAB) | SIGNATURE(LAB) |
| | | SIGNATURE(LAB) | SIGNATURE(LAB) |

PLEASE RETAIN PART 3 FOR YOUR RECORDS

Dedicated to a Cleaner
Environment Since 1982



NYELAP #11993

PCM, PLM and Lead



BATTA LABORATORIES, LLC

A Certified MBE Company

Delaware Industrial Park, 6 Garfield Way,
Newark, DE 19713-5817
Tel. (302) 737-3376 Fax (302) 737-5764

Web : <http://www.battaenv.com>

E-mail : battaenv@battaenv.com

E.P.A. LAB ID # DE 004



A.I.H.A. /NLLAP
#100448
PCM and Lead



NVLAP
#101032
PLM and TEM

CERTIFICATE OF PCM ANALYSIS

Page 1 of 2

Test Method: NIOSH 7400, Issue 2: 15 August 1994

Report Date:

5/15/2017

Sampling Data

BLI Project#: L446705
Project Name: EA ENGINEERING-WI-1483547.0002

Date Sampled: N/A
Sampled By: CLIENT
Date Analyzed: 5/14/17

Analytical Parameters

Effective Filter Area (mm²): 385

Graticule Field Area(mm²): 0.00785

| Lab Sample # | Client Sample # | Sample Location | Sample Type | Sample Volume(L) | Fields | Fibers | Detection Limit(F/cc) | Results | |
|--------------|-----------------|------------------------|-------------|------------------|--------|--------|-----------------------|-------------------|--------|
| | | | | | | | | F/mm ² | F/cc |
| 925938 | CL-1 | HOWARD CO CHASELANDS 1 | N/A | 2400 | 100 | 21.5 | 0.001 | 27.4 | 0.004 |
| 925939 | CL-2 | HOWARD CO CHASELANDS 2 | N/A | 2405 | 100 | 18 | 0.001 | 22.9 | 0.004 |
| 925940 | CL-3 | HOWARD CO CHASELANDS 3 | N/A | 2420 | 100 | <5.5 | 0.001 | <7.0 | <0.001 |
| 925941 | CL-4 | HOWARD CO CHASELANDS 4 | N/A | 2430 | 100 | 14.5 | 0.001 | 18.5 | 0.003 |
| 925942 | CL-5 | BLANK | N/A | 0 | 100 | <5.5 | N/A | <7.0 | N/A |

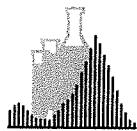
ANALYST: C. LITTLE

REVIEWED BY:

N.C. Batta / R. Shumate
(QA/QC Officer)

- * Results pertain only to the items tested.
- * This report does not constitute endorsement by AIHA and/or any other U.S. government agencies.
- * Named analyst may not be sole analyst. Refer to Chain of Custody for additional analysts.
- * Sample volumes are calculated from data supplied by the client. Batta Laboratories, Inc. does not accept liability for results expressed in fibers per cubic centimeter. Furthermore, Batta Laboratories assumes no responsibility for the accuracy of results reflected by the use of improper collection techniques or equipment.
- * Current YTD Sr value is 0.40 for intralaboratory and 0.33 for interlaboratory. This value may change slightly over time.
- * Sample results listed above are not blank-corrected. NIOSH 7400 requires submission of blanks (minimum 2 or 10%) with samples. Batta assumes no responsibility for collection inconsistent with the method.
- * MU Values based on inter-lab data: 5-20 f/100 fields: (LCL: 13.6, UCL: 16.9), 20.5-50 f/100 fields: (LCL: 39.9, UCL: 46.1), >50 f/100 fields: (LCL: 137.8, UCL: 176.0)

Dedicated to a Cleaner
Environment Since 1982



NYELAP #11993

PCM, PLM and Lead



BATTA LABORATORIES, LLC

A Certified MBE Company

Delaware Industrial Park, 6 Garfield Way,
Newark, DE 19713-5817
Tel. (302) 737-3376 Fax (302) 737-5764

Web : <http://www.battaenv.com> E-mail : battaenv@battaenv.com



A.I.H.A. /NLLAP
#100448
PCM and Lead



NVLAP
#101032
PLM and TEM

CERTIFICATE OF PCM ANALYSIS

Test Method: NIOSH 7400, Issue 2: 15 August 1994

Report Date:

Page 2 of 2

5/15/2017

Sampling Data

BLI Project#: L446705
Project Name: EA ENGINEERING-WI-1483547.0002

Date Sampled: N/A
Sampled By: CLIENT
Date Analyzed: 5/14/17

Analytical Parameters

Effective Filter Area (mm²): 385

Graticule Field Area(mm²): 0.00785

| Lab Sample # | Client Sample # | Sample Location | Sample Type | Sample Volume(L) | Fields | Fibers | Detection Limit(F/cc) | Results F/mm ² F/cc |
|--------------|-----------------|-----------------|-------------|------------------|--------|--------|-----------------------|--------------------------------|
| 925943 | CL-6 | BLANK 2 | N/A | 0 | 100 | <5.5 | N/A | <7.0 N/A |

ANALYST:

C. LITTLE

REVIEWED BY:


N.C. Batta / R. Shumate
(QA/QC Officer)

- * Results pertain only to the items tested.
- * This report does not constitute endorsement by AIHA and/or any other U.S. government agencies.
- * Named analyst may not be sole analyst. Refer to Chain of Custody for additional analysts.
- * Sample volumes are calculated from data supplied by the client. Batta Laboratories, Inc. does not accept liability for results expressed in fibers per cubic centimeter. Furthermore, Batta Laboratories assumes no responsibility for the accuracy of results reflected by the use of improper collection techniques or equipment.
- * Current YTD Sr value is 0.40 for intralaboratory and 0.33 for interlaboratory. This value may change slightly over time.
- * Sample results listed above are not blank-corrected. NIOSH 7400 requires submission of blanks (minimum 2 or 10%) with samples. Batta assumes no responsibility for collection inconsistent with the method.
- * MU Values based on inter-lab data: 5-20 f/100 fields: (LCL: 13.6, UCL: 16.9), 20.5-50 f/100 fields: (LCL: 39.9, UCL 46.1), >50 f/100 fields: (LCL: 137.8, UCL: 176.0)

