



Environment

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April 2015
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SOUTHEAST DEBRIS/SOIL PILE UTC/CARRIER SITE THOMPSON ROAD, SYRACUSE, NY Remedial Summary Report

Corrective Action Order - Index CO 7-20051118-4
NYSDEC Site Registry #734043



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1.0 Introduction

1.1 Site Description and History

On behalf of United Technologies Corporation (UTC), AECOM Technical Services, Inc. (AECOM) has prepared this Remedial Summary Report as a result of the execution of the Self-Implementing Cleanup and Disposal Plan (SIP) dated May 2014, which was approved by the United States Environmental Protection Agency (USEPA) in June 2014. The SIP was developed to address stockpiled material placed on a 3.8-acre parcel of land identified as the Southeast Debris/Soil Pile (Debris Pile) located at the UTC/Carrier facility on Thompson Road in Syracuse, New York (**Figure 1**).

The Debris Pile was first investigated according to the requirements of a Corrective Action Order (CAO, Index CO 7-20051118-4) in late 2013 and reported as an Area of Concern (AOC) to the New York State Department of Environmental Conservation (NYSDEC) on January 30, 2014. Results from the initial investigation were provided to the NYSDEC in an AOC Assessment Report, Southeast Debris Pile (Assessment Report, EnSafe, 2013) [Note: the Assessment Report was submitted to USEPA Region 2 on February 25, 2014.]. A confirmation sampling event was completed in April of 2014.

The Debris Pile was located in the southeast corner of the facility property and had been measured to be approximately 250 feet (north to south) by 580 feet (east to west). The height of the Debris Pile ranged from 2 to 10 feet above the surrounding ground surface elevation. According to site personnel, the Debris Pile was established to stockpile soils and construction and demolition (C&D) debris generated from onsite activities including facility expansion, remodeling and repair. The material was presumed to be non-hazardous and was intended to be eventually disposed offsite. The criteria used to determine if materials should be placed in the Debris Pile was that it exhibited no visible evidence of contamination or odors. Materials were stockpiled at the Debris Pile starting in the late 1980s until the early 2000s. Further details concerning the site history are provided in the SIP.

The surface of the Debris Pile was overgrown with grass, shrubs and scrub trees. Subsurface materials consisted of soil with incidental C&D debris, including cinder block, asphalt, concrete slabs, wood-block flooring, and paint covered concrete.

1.2 Location and Extent of Contaminated Area

The location of the contaminated area is limited to the Debris Pile described above. Investigation of the Debris Pile resulted in the collection of 187 samples collected from different depths from an estimated 39,000 cubic yards of soil and debris. Twenty-two soil samples contained polychlorinated biphenyl (PCB) concentrations above 1 milligram per kilogram (mg/kg), and three soil samples were above 10 mg/kg. Of the 187 samples, one sample exceeded the Toxic Substance Control Act (TSCA) threshold of 50 mg/kg. Based on the results of the soil investigations, the Debris Pile was separated into three designated areas. The delineation of the designated areas is summarized below:

- Area A: This area was comprised of the portion of the Debris Pile containing potential ACM and PCB concentrations less than 50 mg/kg. The volume of material in this area was estimated to be 4,900 cubic yards.

- Area B: This area was the largest designated area of the Debris Pile. It was comprised mostly of soil with PCB concentrations less than 50 mg/kg (all were <20 mg/kg). The volume of this area was estimated to be 33,675 cubic yards.
- Area C: This was the area of the Debris Pile with PCB concentrations greater than 50 mg/kg. Area C was conservatively estimated by extending its aerial boundary to the surrounding sampling locations with PCB concentrations less than 50 mg/kg. The data from in and around Area C indicated that the upper 4 feet was comprised of soil with PCB concentrations less than 20 mg/kg; therefore, the volume of material potentially exceeding 50 mg/kg consisted of the bottom 4 feet and was estimated to be 425 cubic yards.

Figure 2 illustrates the three designated areas of the Debris Pile.

2.0 Site Cleanup Plan

2.1 Solid Waste Handling and Disposal

The cleanup was performed as an Interim Remedial Measure (IRM) in accordance with the CAO and the requirements of cleanup and disposal actions for PCB waste within 40 CFR 761.61(a). Furthermore, a Variance Petition for cleanup of exterior non-friable ACM asphalt coated concrete/masonry debris was obtained for removal of potential ACM in Area A. The intent of the cleanup plan was to remove the Debris Pile in its entirety from the Carrier site.

2.2 Site Preparation and Controls

Site mobilization activities began in late July 2014. A general staging area was set up to contain an office trailer, material, equipment, and fuel and surrounded by a temporary fence. Erosion and Sediment (E&S) controls that were surrounding the Debris Pile prior to the start of work were left in place and maintained during the project. Catch basins located downgradient of the Debris Pile had previously been covered with a geotextile layer and surrounded by hay bales, which were left in place during and following the conclusion of remedial activities.

Dust suppression measures were used during all debris/soil removal activities. Water was supplied via a flexible hose connected to a fire hydrant located to the southeast of the Debris Pile. Any exposed soils (e.g., open excavations) were wetted and/or covered with polyethylene sheeting to prevent dust from leaving the Debris Pile work site (refer to Section 2.4 below for a discussion of Community Air Monitoring Plan (CAMP) activities).

2.3 Waste Handling and Disposal

Waste excavation and disposal activities commenced during the week of August 4, 2014. All solid waste removed from the Debris Pile was placed into lined and covered trucks for transportation to one of two disposal facilities, depending upon the type of waste disposed. Waste removal proceeded generally from the west to east through the middle of the Debris Pile with access for trucks provided at the western end of the pile. A load-out area was generally maintained at the working face (west end) of the pile. Trucks approached the load-out area by driving on an access road constructed of filter fabric and clean imported stone, thereby preventing the truck wheels from contacting contaminated material. Once the east end of the pile was removed, the excavator worked back to the west end of the pile, removing the access road as it proceeded to the west.

2.3.1 Area A Material Removal

Potential ACM was segregated by Environmental Contracting & Construction Services, LLC, an ACM-certified subcontractor, and loaded onto trucks for disposal at the Ontario County Landfill located in Stanley, New York. Potential ACM from Area A was hauled from September 4, 2014 to September 11, 2014. A total of 842.21 tons of potential ACM was removed from Area A. Non-hazardous soil and debris found in Area A were disposed with the Area B material (refer to Section 2.3.2).

2.3.2 Area B Material Removal

Non-hazardous soils containing PCBs less than or equal to 50 mg/kg were loaded onto trucks and transported to the Ontario County Landfill. Material from Area B was hauled from August 7, 2014 to

December 18, 2014. A total of 68,189.69 tons of non-hazardous soil and debris was removed from Area B. The total of non-hazardous material removed includes the imported access road material.

2.3.3 Area C Material Removal

Soils removed from Area C were disposed as TSCA waste at the Waste Management Model City Landfill in Model City, New York. In addition, any personal protective equipment (PPE) worn during the removal of material from Area C was disposed (with the soil and debris) as TSCA material. Material from Area C was hauled from September 10, 2014 to September 17, 2014. A total of 1,343.18 tons of TSCA soil and debris was removed from Area C.

A Photographic Record of Field Activities is provided as **Appendix A**. Truck weight tickets and waste disposal manifests for the transportation and disposal of waste materials are provided as **Appendix B**.

2.4 Community Air Monitoring

Particulate concentrations were monitored at each of the four sides of the site on a continuous basis during all intrusive and earth-moving activities, except when the site safety officer (SSO) deemed monitoring unnecessary due to precipitation. For each monitoring event, data from the upwind monitoring location was used to establish site-specific background concentrations.

Particulate monitoring was performed using real-time monitoring equipment capable of measuring particulate matter less than 10 micrometers in size (PM-10) and capable of integrating over a period of 15 minutes for comparison to the airborne particulate action level. Each particulate monitor was calibrated daily with a filtered air sample. Each air monitoring instrument was downloaded daily and the data was saved electronically to a dedicated computer maintained on-site.

Dust suppression techniques (i.e., misting surfaces with water and covering open piles with polyethylene sheeting) were implemented in a proactive manner in order to reduce the generation of fugitive dust. Detections above the NYSDOH Generic CAMP-recommended action level of 0.10 mg/m³ above background for particulate matter less than 10 micrometers in size were not observed during field activities at the site.

In addition to dust monitors, a photoionization detector (PID) was used to perform daily volatile organic compound (VOC) monitoring within the Exclusion Zone. No VOC detections were observed from PID readings collected during the remedial activity.

The CAMP data collected during field activities is provided as **Appendix C**.

2.5 Health and Safety

Site activities associated with the Debris Pile removal were conducted in a safe and orderly fashion with exception of a health and safety incident that occurred on November 19, 2014 in which an AECOM equipment operator slipped and fell to the ground while ascending into the cab of an excavator, injuring his hand and chin. Immediately following the incident, a safety review took place in which the root causes were identified as the condition of the work gloves the operator was wearing combined with a momentary lack of employee focus while performing a routine task. The operator was treated at a local Urgent Care facility and returned to work the same day.

2.6 Equipment Decontamination

All movable excavation equipment was decontaminated in accordance with the procedures specified in §761.79(c)(2)(ii). Specifically, the nonporous surfaces of equipment that contacted PCB wastes (e.g., excavator buckets) were swabbed with a d-limonene (terpene hydrocarbon) containing solution.

Decontamination liquids were generated resulting from the decontamination of the heavy equipment at the site. The liquids were containerized into four 55-gallon steel drums, sampled and analyzed for PCBs using USEPA Method 3550B/8082, labelled appropriately and moved into an indoor 90-day storage area at the Carrier facility in order to protect the drums from freezing. Sample results from the drums ranged from below detection limits for three of the drum samples to 0.36 micrograms per liter (µg/L) total PCBs in one of the drum samples.

AECOM performed additional disposal facility-required sampling of the drums for analysis of hazardous waste characteristics, VOCs, semivolatile organic compounds (SVOCs), pesticides/herbicides, and metals. The analytical data resulted in the characterization of the drums as “non-hazardous”. The four drums of decontamination liquid were removed from the Carrier facility on March 26, 2015 for transport to Spring Grove Resource Recovery, Inc. located in Cincinnati, Ohio. The Bill of Lading for the disposal, which has been signed by the shipper (Carrier facility) and transporter (Clean Harbors Environmental Services, Inc.), is provided in **Appendix B**.

All verification samples were collected with disposable, single-use sampling equipment (sterile polystyrene scoops). No other wastewater was generated during field activities.

3.0 Performance Monitoring

3.1 Verification Sample Collection and Analysis

Following removal of the Debris Pile, verification samples were collected to confirm the following goals had been met:

- Removal of the Debris Pile in its entirety;
- Dispose of all excavated PCB waste materials at permitted off-site disposal facilities;
- Achieve a cleanup goal of 25 mg/kg PCBs, and
- Comply with all applicable regulations, including but not limited to 40 CFR 761.61(a).

One surface sample was collected within each 25-foot by 25-foot section (grid sections) at the base of the former Debris Pile. This spacing is consistent with Subpart O requirements, modified for the larger size of the Debris Pile (250 feet by 580 feet). A surface sample was collected from 0 to 2 inches below ground surface (bgs) at each of these locations. The soil samples were analyzed using USEPA Method 3550B/8082, per 40 CFR 761.272. **Figure 3** presents the verification sample locations and sample IDs.

The required laboratory turnaround time for reporting was 5 business days or less from the receipt of samples. As a result, all samples were extracted and analyzed within 14 days from sample collection, as required by the SIP. The nominal reporting detection limit for each Aroclor was less than 0.33 mg/kg for all solid matrices. All sample concentrations were reported on a dry weight basis in accordance with §761.274.

3.2 Verification Sample Analytical Results

As discussed in Section 3.1, the targeted cleanup goal was 25 mg/kg. Post-removal verification sampling was completed continuously throughout the course of the project as material over specific grid sections was removed. The total number of verification samples beneath the Debris Pile consisted of samples from 264 grid sections. **Table 1** provides a summary of analytical results for the verification samples, which were collected between October 2014 and December 2014.

Sample results ranged from below method detection limits to 0.92 mg/kg total PCBs. By assigning samples with results below detection limits a value of one-half the average method detection limit (MDL), or 0.0075 mg/kg, the 90th percentile concentration for the upper confidence limit for all sample results was 0.351 mg/kg, with an average concentration of 0.127 mg/kg. It is noted that out of 264 total sample results, the number of samples with concentrations between 0.5 mg/kg and 1.0 mg/kg was limited to 15 samples.

In response to a letter dated January 13, 2015 from AECOM on behalf of UTC, on January 26, 2015, USEPA Region 2 approved a modification of the SIP which included the change of the targeted cleanup criteria from 25 mg/kg to 1 mg/kg and the removal of the requirement for a deed notice to be recorded for the area below the former Debris Pile.

Following receipt of all of the verification sample results, winterization activities took place in mid-December 2014. Winterization included import of material to fill low areas (e.g., grid sections requiring additional material removal) and grading of the ground surface to prevent ponding of precipitation, installation of erosion control matting across the entire footprint of the former Debris

Pile, and installation of hay bales around the perimeter as an added measure of erosion control along the silt fence at the southern edge of the former Debris Pile. The current elevation grades for the base of the former Debris Pile are shown on **Figure 3**.

4.0 Project Completion Activities

AECOM demobilized from the site on December 24, 2014 following receipt of final confirmation sampling results and completion of equipment decontamination. The remaining site restoration activities are planned to be completed during the spring of 2015. It is anticipated that clean topsoil will be imported and graded to establish final site contours and seeded with a perennial cover.

Tables

Table 1 - Verification Sample Data Summary
Southeast Debris/Soil Pile
UTC/Carrier Site
Thompson Road, Syracuse, NY

Client Sample ID:			C-01	C-02	C-03	C-04	C-05	C-06	C-07	C-08	C-09	C-10	C-11	C-12
Lab Sample ID:			MC34332-1	MC34661-1	MC34332-2	MC34661-2	MC34332-3	MC34661-3	MC34332-4	MC34661-4	MC34784-1	MC34784-2	MC34784-3	MC34784-4
Date Sampled:			10/14/2014	10/24/2014	10/14/2014	10/24/2014	10/14/2014	10/24/2014	10/14/2014	10/24/2014	10/30/2014	10/30/2014	10/30/2014	10/30/2014
Matrix:	CAS No.	Unit	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Aroclor 1016	12674-11-2	µg/kg	<35	<39	<33	<36	<34	<38	<39	<41	<43	<38	<39	<44
Aroclor 1221	11104-28-2	µg/kg	<35	<39	<33	<36	<34	<38	<39	<41	<43	<38	<39	<44
Aroclor 1232	11141-16-5	µg/kg	<35	<39	<33	<36	<34	<38	<39	<41	<43	<38	<39	<44
Aroclor 1242	53469-21-9	µg/kg	<35	<39	<33	<36	<34	<38	<39	<41	<43	<38	<39	<44
Aroclor 1248	12672-29-6	µg/kg	<35	<39	<33	<36	<34	<38	<39	<41	<43	<38	<39	<44
Aroclor 1254	11097-69-1	µg/kg	128 ^a	31.6 J ^a	<33	181	99.6 ^a	20.9 J ^a	58.2 ^a	75.6	23.3 J ^a	27.3 J ^a	<39	<44
Aroclor 1260	11096-82-5	µg/kg	795 ^b	48.5	602	154 ^a	423	37.9 J	187	28.5 J ^a	30.2 J	50.6	49.6	20.7 J
Total PCBs		µg/kg	923	80.1	602	335	522.6	58.8	245.2	104.1	53.5	77.9	49.6	20.7
Percent Solids		%	92.3	83.7	96.5	91.9	93.7	83.2	82.6	80	77.7	84.4	82.4	75.3
Client Sample ID:			C-13	C-14	C-15	C-16	C-17	C-18	C-19	C-20	C-21	C-22	C-23	C-24
Lab Sample ID:			MC34784-5	MC34784-6	MC34784-7	MC34764-1	MC34784-8	MC34784-9	MC34784-10	MC34764-2	MC34853-1	MC34847-1	MC34853-2	MC34847-2
Date Sampled:			10/30/2014	10/30/2014	10/30/2014	10/30/2014	10/30/2014	10/30/2014	10/30/2014	10/30/2014	11/4/2014	11/4/2014	11/4/2014	11/4/2014
Matrix:	CAS No.	Unit	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Aroclor 1016	12674-11-2	µg/kg	<63	<39	<47	<43	<41	<39	<42	<41	<38	<40	<41	<40
Aroclor 1221	11104-28-2	µg/kg	<63	<39	<47	<43	<41	<39	<42	<41	<38	<40	<41	<40
Aroclor 1232	11141-16-5	µg/kg	<63	<39	<47	<43	<41	<39	<42	<41	<38	<40	<41	<40
Aroclor 1242	53469-21-9	µg/kg	<63	<39	<47	<43	<41	<39	<42	<41	<38	<40	<41	<40
Aroclor 1248	12672-29-6	µg/kg	<63	<39	<47	<43	<41	<39	<42	<41	<38	<40	<41	<40
Aroclor 1254	11097-69-1	µg/kg	<63	20.7 J ^a	<47	<43	<41	17.2 J ^a	<42	<41	35.5 J ^a	<40	<41	35.5 J ^a
Aroclor 1260	11096-82-5	µg/kg	<63	33.3 J	22.4 J	<43	33.7 J	32.2 J	28.8 J	21.0 J	68.3	34.2 J	23.5 J	80.7
Total PCBs		µg/kg	ND	54.0	22.4	ND	33.7	49.4	28.8	21.0	103.8	34.2	23.5	116.2
Percent Solids		%	52.4	81	68.5	77.5	77	84	78.6	77.4	84.3	79.1	79.3	80.6
Client Sample ID:			C-25	C-26	C-27	C-28	C-29	C-30	C-31	C-32	C-33	C-34	C-35	C-36
Lab Sample ID:			MC34853-3	MC34853-4	MC34853-5	MC34853-6	MC34784-11	MC34784-12	MC34764-3	MC34784-13	MC34784-14	MC34784-15	MC34784-16	MC34784-17
Date Sampled:			11/4/2014	11/4/2014	11/4/2014	11/4/2014	10/30/2014	10/30/2014	10/30/2014	10/30/2014	10/30/2014	10/30/2014	10/30/2014	10/30/2014
Matrix:	CAS No.	Unit	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Aroclor 1016	12674-11-2	µg/kg	<42	<41	<38	<40	<41	<41	<38	<39	<37	<38	<38	<38
Aroclor 1221	11104-28-2	µg/kg	<42	<41	<38	<40	<41	<41	<38	<39	<37	<38	<38	<38
Aroclor 1232	11141-16-5	µg/kg	<42	<41	<38	<40	<41	<41	<38	<39	<37	<38	<38	<38
Aroclor 1242	53469-21-9	µg/kg	<42	<41	<38	<40	<41	<41	<38	<39	<37	<38	<38	<38
Aroclor 1248	12672-29-6	µg/kg	<42	<41	<38	<40	<41	<41	<38	<39	<37	<38	<38	<38
Aroclor 1254	11097-69-1	µg/kg	<42	<41	20.4 J ^a	110	<41	<41	<38	22.4 J ^a	<37	19.7 J ^a	54.0 ^a	49.9 ^a
Aroclor 1260	11096-82-5	µg/kg	<42	19.0 J	27.1 J	36.0 J ^a	28.3 J	54.3	116	51.4	138	43.2	96.1	63.3
Total PCBs		µg/kg	ND	19.0	47.5	146	28.3	54.3	116	73.8	138	62.9	150.1	113.2
Percent Solids		%	77.1	80.8	84.6	83	79.9	78.1	84.1	84	85.4	87.8	86	84.6
Client Sample ID:			C-37	C-38	C-39	C-40A	C-41	C-42	C-43A	C-44	C-45	C-46	C-47A	C-48
Lab Sample ID:			MC34784-18	MC34784-19	MC34784-20	MC35524-9	MC34332-5	MC34661-5	MC35524-1	MC34661-6	MC34332-7	MC34661-7	MC35524-2	MC34661-8
Date Sampled:			10/30/2014	10/30/2014	10/30/2014	12/3/2014	10/14/2014	10/24/2014	12/2/2014	10/24/2014	10/14/2014	10/24/2014	12/2/2014	10/24/2014
Matrix:	CAS No.	Unit	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Aroclor 1016	12674-11-2	µg/kg	<44	<40	<37	<41	<36	<39	<38	<41	<35	<40	<39	<38
Aroclor 1221	11104-28-2	µg/kg	<44	<40	<37	<41	<36	<39	<38	<41	<35	<40	<39	<38
Aroclor 1232	11141-16-5	µg/kg	<44	<40	<37	<41	<36	<39	<38	<41	<35	<40	<39	<38
Aroclor 1242	53469-21-9	µg/kg	<44	<40	<37	<41	<36	<39	<38	<41	<35	<40	<39	<38
Aroclor 1248	12672-29-6	µg/kg	<44	<40	<37	<41	<36	<39	<38	<41	<35	<40	<39	<38
Aroclor 1254	11097-69-1	µg/kg	372 ^a	24.0 J ^a	147 ^a	<41	<36	73.3 ^a	<38	22.7 J ^a	<35	109	<39	19.6 J ^a
Aroclor 1260	11096-82-5	µg/kg	426	54.4	283	<41	112	129	15.4 J	32.0 J	899 ^b	59.4 ^a	<39	41.0
Total PCBs		µg/kg	798	78.4	430	ND	112	202.3	15.4	54.7	899	168.4	ND	60.6
Percent Solids		%	74.6	81.2	86.1	79.2	90.3	85.5	84.2	80.2	89.8	82.4	83.1	82.8

Table 1 - Verification Sample Data Summary
Southeast Debris/Soil Pile
UTC/Carrier Site
Thompson Road, Syracuse, NY

Client Sample ID:			C-49	C-50	C-51A	C-52	C-53A	C-54	C-55A	C-56	C-57	C-58	C-59	C-60
Lab Sample ID:			MC34332-9	MC34661-9	MC35524-3	MC34661-10	MC35524-4	MC34661-11	MC35524-5	MC34661-12	MC34784-22	MC34784-23	MC34784-24	MC34784-25
Date Sampled:			10/14/2014	10/24/2014	12/2/2014	10/24/2014	12/2/2014	10/24/2014	12/2/2014	10/24/2014	10/30/2014	10/30/2014	10/30/2014	10/30/2014
Matrix:	CAS No.	Unit	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Aroclor 1016	12674-11-2	µg/kg	<43	<48	<40	<38	<41	<39	<41	<40	<42	<41	<39	<38
Aroclor 1221	11104-28-2	µg/kg	<43	<48	<40	<38	<41	<39	<41	<40	<42	<41	<39	<38
Aroclor 1232	11141-16-5	µg/kg	<43	<48	<40	<38	<41	<39	<41	<40	<42	<41	<39	<38
Aroclor 1242	53469-21-9	µg/kg	<43	<48	<40	<38	<41	<39	<41	<40	<42	<41	<39	<38
Aroclor 1248	12672-29-6	µg/kg	<43	<48	<40	<38	<41	<39	<41	<40	<42	<41	<39	<38
Aroclor 1254	11097-69-1	µg/kg	28.3 J ^a	<48	<40	<38	<41	<39	<41	<40	<42	<41	142 ^a	106 ^a
Aroclor 1260	11096-82-5	µg/kg	95.9	<48	20.4 J	123	47.7	273	<41	<40	273	410	334	190
Total PCBs		µg/kg	124.2	ND	20.4	123	47.7	273	ND	ND	273	410	476	296
Percent Solids		%	77.5	69.1	82.4	82.9	78.3	85.2	78.4	80	75.8	77.5	84.5	83.3
Client Sample ID:			C-61	C-62A	C-63A	C-64	C-65	C-66	C-67	C-68	C-69	C-70	C-71	C-72
Lab Sample ID:			MC34784-26	MC35524-11	MC35524-12	MC34764-4	MC34784-29	MC34784-30	MC34784-31	MC34764-5	MC34853-7	MC34853-8	MC34853-9	MC34853-10
Date Sampled:			10/30/2014	12/3/2014	12/3/2014	10/30/2014	10/30/2014	10/30/2014	10/30/2014	10/30/2014	11/4/2014	11/4/2014	11/4/2014	11/4/2014
Matrix:	CAS No.	Unit	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Aroclor 1016	12674-11-2	µg/kg	<40	<39	<40	<40	<41	<38	<39	<40	<35	<37	<37	<39
Aroclor 1221	11104-28-2	µg/kg	<40	<39	<40	<40	<41	<38	<39	<40	<35	<37	<37	<39
Aroclor 1232	11141-16-5	µg/kg	<40	<39	<40	<40	<41	<38	<39	<40	<35	<37	<37	<39
Aroclor 1242	53469-21-9	µg/kg	<40	<39	<40	<40	<41	<38	<39	<40	<35	<37	<37	<39
Aroclor 1248	12672-29-6	µg/kg	<40	<39	<40	<40	<41	<38	<39	<40	<35	<37	<37	<39
Aroclor 1254	11097-69-1	µg/kg	203 ^a	<39	<40	45.2 ^a	130 ^a	133 ^a	22.3 J ^a	<40	<35	103 ^a	24.0 J ^a	<39
Aroclor 1260	11096-82-5	µg/kg	528	<39	<40	54.3	143	248	35.1 J	234	19.1 J	315	28.7 J	16.8 J
Total PCBs		µg/kg	731	ND	ND	99.5	273	381	57.4	234	19.1	418	52.7	16.8
Percent Solids		%	81.3	84.4	81.8	83	79.4	81.8	80.9	80.7	90	88	87.9	80.1
Client Sample ID:			C-73	C-74	C-75	C-76	C-77	C-78	C-79	C-80	C-81	C-82	C-83	C-84
Lab Sample ID:			MC34853-11	MC34853-12	MC34853-13	MC34853-14	MC34784-32	MC34784-33	MC34764-6	MC34784-34	MC34784-35	MC34784-36	MC34784-37	MC34784-38
Date Sampled:			11/4/2014	11/4/2014	11/4/2014	11/4/2014	10/30/2014	10/30/2014	10/30/2014	10/30/2014	10/30/2014	10/30/2014	10/30/2014	10/30/2014
Matrix:	CAS No.	Unit	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Aroclor 1016	12674-11-2	µg/kg	<36	<38	<40	<38	<39	<40	<37	<38	<39	<38	<36	<47
Aroclor 1221	11104-28-2	µg/kg	<36	<38	<40	<38	<39	<40	<37	<38	<39	<38	<36	<47
Aroclor 1232	11141-16-5	µg/kg	<36	<38	<40	<38	<39	<40	<37	<38	<39	<38	<36	<47
Aroclor 1242	53469-21-9	µg/kg	<36	<38	<40	<38	<39	<40	<37	<38	<39	<38	<36	<47
Aroclor 1248	12672-29-6	µg/kg	<36	<38	<40	<38	<39	<40	<37	<38	<39	<38	<36	<47
Aroclor 1254	11097-69-1	µg/kg	17.8 J ^a	49.5 ^a	19.5 J ^a	361	21.7 J	23.1 J	<37	30.5 J ^a	37.6 J ^a	281	34.6 J ^a	28.6 J
Aroclor 1260	11096-82-5	µg/kg	31.0 J	77.8	33.8 J	82.8 ^a	18.4 J ^a	22.2 J ^a	<37	46.2	41.0	126 ^a	45.1	22.5 J ^a
Total PCBs		µg/kg	48.8	127.3	53.3	443.8	40.1	45.3	ND	76.7	78.6	407	79.7	51.1
Percent Solids		%	89.5	87.4	79.8	85.2	84.1	82.4	85.3	83	81.9	82	87	68.9
Client Sample ID:			C-85	C-86	C-87	C-88	C-89A	C-90	C-91A	C-92	C-93	C-94A	C-95	C-96
Lab Sample ID:			MC34784-39	MC34784-40	MC34784-41	MC34784-42	MC35524-10	MC34661-13	MC35524-6	MC34661-14	MC34332-16	MC35524-7	MC34332-17	MC34661-16
Date Sampled:			10/30/2014	10/30/2014	10/30/2014	10/30/2014	12/3/2014	10/24/2014	12/2/2014	10/24/2014	10/14/2014	12/2/2014	10/14/2014	10/24/2014
Matrix:	CAS No.	Unit	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Aroclor 1016	12674-11-2	µg/kg	<40	<37	<38	<38	<39	<41	<40	<41	<36	<40	<38	<41
Aroclor 1221	11104-28-2	µg/kg	<40	<37	<38	<38	<39	<41	<40	<41	<36	<40	<38	<41
Aroclor 1232	11141-16-5	µg/kg	<40	<37	<38	<38	<39	<41	<40	<41	<36	<40	<38	<41
Aroclor 1242	53469-21-9	µg/kg	<40	<37	<38	<38	<39	<41	<40	<41	<36	<40	<38	<41
Aroclor 1248	12672-29-6	µg/kg	<40	<37	<38	<38	<39	<41	<40	<41	<36	<40	<38	<41
Aroclor 1254	11097-69-1	µg/kg	<40	<37	93.9 ^a	20.3 J ^a	<39	27.9 J ^a	<40	<41	<36	<40	<38	<41
Aroclor 1260	11096-82-5	µg/kg	<40	623	99.9	41.3	<39	50.8	20.0 J	44.8	901 ^b	159	134	<41
Total PCBs		µg/kg	ND	623	193.8	61.6	ND	78.7	20.0	44.8	901	159	134	ND
Percent Solids		%	81.2	87.6	86.9	84.1	85	78	81.2	81.9	90.8	80.9	84.7	77.8

Table 1 - Verification Sample Data Summary
Southeast Debris/Soil Pile
UTC/Carrier Site
Thompson Road, Syracuse, NY

Client Sample ID:			C-97	C-98	C-99	C-100	C-101	C-102	C-103	C-104	C-105	C-106	C-107	C-108
Lab Sample ID:			MC34332-18	MC34661-17	MC34332-19	MC34661-18	MC34332-20	MC34661-19	MC34332-21	MC34661-20	MC35117-1	MC35121-1	MC35121-2	MC35121-3
Date Sampled:			10/14/2014	10/24/2014	10/14/2014	10/24/2014	10/14/2014	10/24/2014	10/14/2014	10/24/2014	11/13/2014	11/13/2014	11/13/2014	11/13/2014
Matrix:	CAS No.	Unit	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Aroclor 1016	12674-11-2	µg/kg	<34	<35	<36	<38	<37	<39	<34	<39	<39	<38	<37	<37
Aroclor 1221	11104-28-2	µg/kg	<34	<35	<36	<38	<37	<39	<34	<39	<39	<38	<37	<37
Aroclor 1232	11141-16-5	µg/kg	<34	<35	<36	<38	<37	<39	<34	<39	<39	<38	<37	<37
Aroclor 1242	53469-21-9	µg/kg	<34	<35	<36	<38	<37	<39	<34	<39	<39	<38	<37	<37
Aroclor 1248	12672-29-6	µg/kg	<34	<35	<36	<38	<37	<39	<34	<39	<39	<38	<37	<37
Aroclor 1254	11097-69-1	µg/kg	<34	<35	<36	<38	<37	<39	<34	<39	<39	22.1 J ^a	114 ^a	52.6 ^a
Aroclor 1260	11096-82-5	µg/kg	28.4 J	<35	287	147	268	73.9	581	20.1 J	357	31.9 J	185	81.3
Total PCBs		µg/kg	28.4	ND	287	147	268	73.9	581	20.1	357	54.0	299	133.9
Percent Solids		%	92.7	89.9	90.9	84.2	85.8	81.6	94.7	83.1	82.8	85.7	89.5	89.7
Client Sample ID:			C-109	C-110	C-111	C-112	C-113	C-114	C-115	C-116	C-117	C-118	C-119	C-120
Lab Sample ID:			MC35121-4	MC35121-5	MC35121-6	MC35121-7	MC35121-8	MC35121-9	MC35121-10	MC35121-11	MC34853-15	MC34853-16	MC34853-17	MC34853-18
Date Sampled:			11/13/2014	11/13/2014	11/13/2014	11/13/2014	11/13/2014	11/13/2014	11/13/2014	11/13/2014	11/4/2014	11/4/2014	11/4/2014	11/4/2014
Matrix:	CAS No.	Unit	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Aroclor 1016	12674-11-2	µg/kg	<35	<39	<37	<37	<38	<37	<38	<37	<37	<37	<37	<37
Aroclor 1221	11104-28-2	µg/kg	<35	<39	<37	<37	<38	<37	<38	<37	<37	<37	<37	<37
Aroclor 1232	11141-16-5	µg/kg	<35	<39	<37	<37	<38	<37	<38	<37	<37	<37	<37	<37
Aroclor 1242	53469-21-9	µg/kg	<35	<39	<37	<37	<38	<37	<38	<37	<37	<37	<37	<37
Aroclor 1248	12672-29-6	µg/kg	<35	<39	<37	<37	<38	<37	<38	<37	<37	<37	<37	<37
Aroclor 1254	11097-69-1	µg/kg	127 ^a	<39	144 ^a	76.0 ^a	<38	98.9 ^a	<38	44.9 ^a	95.9	344	62.9	<37
Aroclor 1260	11096-82-5	µg/kg	200	15.9 J	145	128	15.9 J	303	43.9	77.9	77.6 ^a	<37	25.6 J ^a	15.3 J
Total PCBs		µg/kg	327	15.9	289	204	15.9	401.9	43.9	122.8	173.5	344	88.5	15.3
Percent Solids		%	89.7	81.6	89	90.2	83	90.9	86.5	89.1	88.2	86.4	87.2	86.9
Client Sample ID:			C-121	C-122	C-123	C-124	C-125	C-126	C-127	C-128A	C-129	C-130	C-131	C-132
Lab Sample ID:			MC34847-3	MC34853-19	MC34853-20	MC34853-21	MC35121-12	MC35121-13	MC35121-14	MC35524-13	MC35117-2	MC35121-16	MC35121-17	MC35374-1
Date Sampled:			11/4/2014	11/4/2014	11/4/2014	11/4/2014	11/13/2014	11/13/2014	11/13/2014	12/3/2014	11/13/2014	11/13/2014	11/13/2014	11/24/2014
Matrix:	CAS No.	Unit	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Aroclor 1016	12674-11-2	µg/kg	<37	<36	<37	<39	<37	<34	<35	<42	<35	<36	<35	<41
Aroclor 1221	11104-28-2	µg/kg	<37	<36	<37	<39	<37	<34	<35	<42	<35	<36	<35	<41
Aroclor 1232	11141-16-5	µg/kg	<37	<36	<37	<39	<37	<34	<35	<42	<35	<36	<35	<41
Aroclor 1242	53469-21-9	µg/kg	<37	<36	<37	<39	<37	<34	<35	<42	<35	<36	<35	<41
Aroclor 1248	12672-29-6	µg/kg	<37	<36	<37	<39	<37	<34	<35	<42	<35	<36	<35	<41
Aroclor 1254	11097-69-1	µg/kg	28.8 J ^a	38.8	37.5 ^a	39.0 ^a	25.5 J ^a	<34	88.4 ^a	<42	108 ^a	102 ^a	184 ^a	88.4 ^a
Aroclor 1260	11096-82-5	µg/kg	67.2	18.5 J ^a	72.3	67.6	106	235	211	<42	229	207	358	191
Total PCBs		µg/kg	96.0	57.3	109.8	106.6	131.5	235	299.4	ND	337	309	542	279.4
Percent Solids		%	86.8	87.8	88.2	86.2	89	94.4	93.1	78.7	92.4	92.2	93.2	77.8
Client Sample ID:			C-133	C-134	C-135	C-136	C-137	C-138	C-139	C-140	C-141	C-142	C-143	C-144
Lab Sample ID:			MC35374-2	MC35374-3	MC35374-4	MC35374-5	MC34332-22	MC34661-21	MC34332-23	MC34661-22	MC34332-24	MC34661-23	MC34332-25	MC34661-24
Date Sampled:			11/24/2014	11/24/2014	11/24/2014	11/24/2014	10/14/2014	10/24/2014	10/14/2014	10/24/2014	10/14/2014	10/24/2014	10/14/2014	10/24/2014
Matrix:	CAS No.	Unit	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Aroclor 1016	12674-11-2	µg/kg	<38	<39	<43	<38	<39	<37	<40	<36	<39	<39	<36	<38
Aroclor 1221	11104-28-2	µg/kg	<38	<39	<43	<38	<39	<37	<40	<36	<39	<39	<36	<38
Aroclor 1232	11141-16-5	µg/kg	<38	<39	<43	<38	<39	<37	<40	<36	<39	<39	<36	<38
Aroclor 1242	53469-21-9	µg/kg	<38	<39	<43	<38	<39	<37	<40	<36	<39	<39	<36	<38
Aroclor 1248	12672-29-6	µg/kg	<38	<39	<43	<38	<39	<37	<40	<36	<39	<39	<36	<38
Aroclor 1254	11097-69-1	µg/kg	22.5 J ^a	17.2 J ^a	<43	<38	<39	<37	<40	<36	<39	<39	201 ^a	<38
Aroclor 1260	11096-82-5	µg/kg	66.3	43.4	20.0 J	17.2 J	185	103	666	299	389	30.0 J	331	115
Total PCBs		µg/kg	88.8	60.6	20.0	17.2	185	103	666	299	389	30.0	532	115
Percent Solids		%	83.4	82.2	74.2	84.2	83.8	87.2	78.1	88.9	84.3	85	92	86.3

Table 1 - Verification Sample Data Summary
Southeast Debris/Soil Pile
UTC/Carrier Site
Thompson Road, Syracuse, NY

Client Sample ID:			C-145A	C-146A	C-147A	C148A	C149A	C150A	C-151	C-152	C-153	C-154	C-155	C-156
Lab Sample ID:			MC35958-1	MC35958-2	MC35869-1	MC35823-5	MC35823-2	MC35823-1	MC35592-2	MC35374-22	MC35374-23	MC35374-24	MC35374-6	MC35374-7
Date Sampled:			12/17/2014	12/17/2014	12/15/2014	12/12/2014	12/12/2014	12/11/2014	12/5/2014	11/24/2014	11/24/2014	11/24/2014	11/24/2014	11/24/2014
Matrix:	CAS No.	Unit	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Aroclor 1016	12674-11-2	µg/kg	<39	<37	<41	<38	<39	<39	<37	<39	<43	<41	<40	<41
Aroclor 1221	11104-28-2	µg/kg	<39	<37	<41	<38	<39	<39	<37	<39	<43	<41	<40	<41
Aroclor 1232	11141-16-5	µg/kg	<39	<37	<41	<38	<39	<39	<37	<39	<43	<41	<40	<41
Aroclor 1242	53469-21-9	µg/kg	<39	<37	<41	<38	<39	<39	<37	<39	<43	<41	<40	<41
Aroclor 1248	12672-29-6	µg/kg	<39	<37	<41	<38	<39	<39	<37	<39	<43	<41	<40	<41
Aroclor 1254	11097-69-1	µg/kg	<39	<37	<41	<38	<39	<39	<37	<39	<43	<41	<40	<41
Aroclor 1260	11096-82-5	µg/kg	<39	<37	24.1 J	81	<39	<39	106	<39	<43	24.6 J	<40	<41
Total PCBs		µg/kg	ND	ND	24.1	81.0	ND	ND	106	ND	ND	24.6	ND	ND
Percent Solids		%	85.9	85.5	78.6	86.4	80.3	83.6	84.2	83.8	75.8	79.2	80.1	80.5
Client Sample ID:			C-157	C-158A	C-159	C-160	C-161	C-162	C-163	C-164	C-165	C-166	C-167	C-168
Lab Sample ID:			MC35374-8	MC35524-14	MC35121-19	MC35121-20	MC35121-21	MC35121-22	MC35121-23	MC35121-24	MC35121-25	MC34853-22	MC34853-23	MC34853-24
Date Sampled:			11/24/2014	12/3/2014	11/13/2014	11/13/2014	11/13/2014	11/13/2014	11/13/2014	11/13/2014	11/13/2014	11/4/2014	11/4/2014	11/4/2014
Matrix:	CAS No.	Unit	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Aroclor 1016	12674-11-2	µg/kg	<42	<41	<36	<35	<35	<35	<37	<35	<34	<35	<36	<38
Aroclor 1221	11104-28-2	µg/kg	<42	<41	<36	<35	<35	<35	<37	<35	<34	<35	<36	<38
Aroclor 1232	11141-16-5	µg/kg	<42	<41	<36	<35	<35	<35	<37	<35	<34	<35	<36	<38
Aroclor 1242	53469-21-9	µg/kg	<42	<41	<36	<35	<35	<35	<37	<35	<34	<35	<36	<38
Aroclor 1248	12672-29-6	µg/kg	<42	<41	<36	<35	<35	<35	<37	<35	<34	<35	<36	<38
Aroclor 1254	11097-69-1	µg/kg	<42	<41	227 ^a	282 ^a	111	33.6 J ^a	222	45.7 ^a	40.6 ^a	148	67.7	34.3 J ^a
Aroclor 1260	11096-82-5	µg/kg	<42	<41	393	415	77.5 ^a	64.2	189 ^a	91.8	81.6	133 ^a	48.3 ^a	91.3
Total PCBs		µg/kg	ND	ND	620	697	188.5	97.8	411	137.5	122.2	281	116	125.6
Percent Solids		%	75	80	91.7	94.6	93.1	92.8	89.7	93	91	90.8	89.3	87.3
Client Sample ID:			C-169	C-170	C-171	C-172	C-173	C-174	C-175	C-176	C-177	C-178	C-179	C-180
Lab Sample ID:			MC34853-25	MC35121-26	MC35121-27	MC35117-3	MC35121-28	MC35121-29	MC35121-30	MC35121-31	MC35121-32	MC35121-33	MC35121-34	MC35374-9
Date Sampled:			11/4/2014	11/13/2014	11/13/2014	11/13/2014	11/13/2014	11/13/2014	11/13/2014	11/13/2014	11/13/2014	11/13/2014	11/13/2014	11/24/2014
Matrix:	CAS No.	Unit	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Aroclor 1016	12674-11-2	µg/kg	<36	<36	<37	<37	<35	<37	<35	<35	<34	<34	<34	<43
Aroclor 1221	11104-28-2	µg/kg	<36	<36	<37	<37	<35	<37	<35	<35	<34	<34	<34	<43
Aroclor 1232	11141-16-5	µg/kg	<36	<36	<37	<37	<35	<37	<35	<35	<34	<34	<34	<43
Aroclor 1242	53469-21-9	µg/kg	<36	<36	<37	<37	<35	<37	<35	<35	<34	<34	<34	<43
Aroclor 1248	12672-29-6	µg/kg	<36	<36	<37	<37	<35	<37	<35	<35	<34	<34	<34	<43
Aroclor 1254	11097-69-1	µg/kg	57.5 ^a	194	118 ^a	37.7 ^a	35.8 ^a	22.6 J ^a	<35	59.5 ^a	165	71.5	35.7 ^a	<43
Aroclor 1260	11096-82-5	µg/kg	133	109 ^a	147	58.2	70.5	40.9	90.8	90.9	62.3 ^a	38.8 ^a	55.1	<43
Total PCBs		µg/kg	190.5	303	265	95.9	106.3	63.5	90.8	150.4	227.3	110.3	90.8	ND
Percent Solids		%	92.3	87.8	86.1	88.4	90.7	88.3	93.9	94.1	94.8	94.8	93.5	77.3
Client Sample ID:			C-181	C-182	C-183	C-184	C-185	C-186	C-187	C-188A	C-189A	C-190A	C-191	C-192
Lab Sample ID:			MC35374-10	MC35374-11	MC35374-25	MC35374-26	MC35374-27	MC35592-3	MC35592-4	MC35823-3	MC35823-6	MC35869-2	MC35374-28	MC35374-29
Date Sampled:			11/24/2014	11/24/2014	11/24/2014	11/24/2014	11/24/2014	12/5/2014	12/5/2014	12/12/2014	12/12/2014	12/15/2014	11/24/2014	11/24/2014
Matrix:	CAS No.	Unit	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Aroclor 1016	12674-11-2	µg/kg	<38	<40	<39	<38	<39	<36	<36	<44	<38	<40	<41	<41
Aroclor 1221	11104-28-2	µg/kg	<38	<40	<39	<38	<39	<36	<36	<44	<38	<40	<41	<41
Aroclor 1232	11141-16-5	µg/kg	<38	<40	<39	<38	<39	<36	<36	<44	<38	<40	<41	<41
Aroclor 1242	53469-21-9	µg/kg	<38	<40	<39	<38	<39	<36	<36	<44	<38	<40	<41	<41
Aroclor 1248	12672-29-6	µg/kg	<38	<40	<39	<38	<39	<36	<36	<44	<38	<40	<41	<41
Aroclor 1254	11097-69-1	µg/kg	<38	<40	<39	<38	<39	38.9 ^a	34.6 J	<44	<38	<40	<41	38.0 J
Aroclor 1260	11096-82-5	µg/kg	<38	<40	<39	<38	<39	46.2	23.8 J ^a	<44	<38	<40	17.7 J	17.0 J ^a
Total PCBs		µg/kg	ND	ND	ND	ND	ND	85.1	58.4	ND	ND	ND	17.7	55.0
Percent Solids		%	83.4	81.4	83.1	86.8	83	88.8	92.4	74.5	83.8	78.7	76.9	78.6

Table 1 - Verification Sample Data Summary
Southeast Debris/Soil Pile
UTC/Carrier Site
Thompson Road, Syracuse, NY

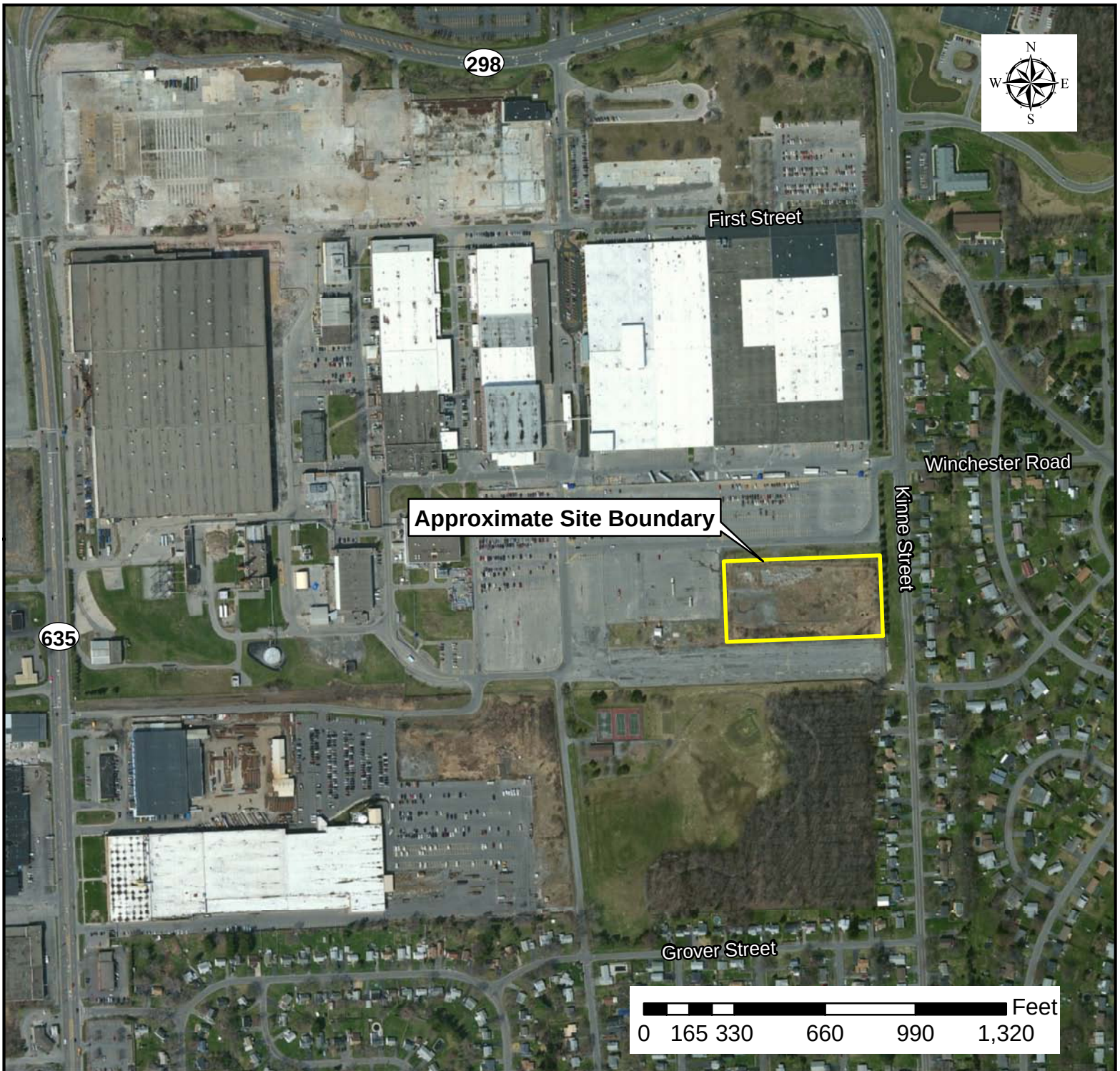
Client Sample ID:			C-193	C-194	C-195	C-196	C-197	C-198	C-199	C-200	C-201	C-202	C-203	C-204
Lab Sample ID:			MC35374-30	MC35374-31	MC35374-32	MC35374-33	MC35374-34	MC35374-35	MC35374-36	MC35374-37	MC35374-38	MC35374-39	MC35374-12	MC35374-13
Date Sampled:			11/24/2014	11/24/2014	11/24/2014	11/24/2014	11/24/2014	11/24/2014	11/24/2014	11/24/2014	11/24/2014	11/24/2014	11/24/2014	11/24/2014
Matrix:	CAS No.	Unit	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Aroclor 1016	12674-11-2	µg/kg	<39	<44	<41	<41	<39	<38	<39	<39	<36	<40	<40	<41
Aroclor 1221	11104-28-2	µg/kg	<39	<44	<41	<41	<39	<38	<39	<39	<36	<40	<40	<41
Aroclor 1232	11141-16-5	µg/kg	<39	<44	<41	<41	<39	<38	<39	<39	<36	<40	<40	<41
Aroclor 1242	53469-21-9	µg/kg	<39	<44	<41	<41	<39	<38	<39	<39	<36	<40	<40	<41
Aroclor 1248	12672-29-6	µg/kg	<39	<44	<41	<41	<39	<38	<39	<39	<36	<40	<40	<41
Aroclor 1254	11097-69-1	µg/kg	<39	<44	<41	<41	<39	<38	<39	<39	<36	<40	<40	<41
Aroclor 1260	11096-82-5	µg/kg	27.7 J	18.8 J	37.0 J	15.5 J	<39	<38	<39	<39	<36	<40	<40	<41
Total PCBs		µg/kg	27.7	18.8	37.0	15.5	ND	ND	ND	ND	ND	ND	ND	ND
Percent Solids		%	83.9	74	77.7	80	83.6	84.7	83.5	84.6	90.1	82.5	80.7	78.1
Client Sample ID:			C-205	C-206	C-207	C-208	C-209	C-210	C-211	C-212	C-213	C-214	C-215	C-216
Lab Sample ID:			MC35374-14	MC35121-35	MC35121-36	MC35121-37	MC35121-38	MC35121-39	MC35121-40	MC35121-41	MC35121-42	MC35121-43	MC35121-44	MC34853-26
Date Sampled:			11/24/2014	11/13/2014	11/13/2014	11/13/2014	11/13/2014	11/13/2014	11/13/2014	11/13/2014	11/13/2014	11/13/2014	11/13/2014	11/4/2014
Matrix:	CAS No.	Unit	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Aroclor 1016	12674-11-2	µg/kg	<42	<35	<34	<36	<36	<35	<36	<36	<35	<36	<36	<35
Aroclor 1221	11104-28-2	µg/kg	<42	<35	<34	<36	<36	<35	<36	<36	<35	<36	<36	<35
Aroclor 1232	11141-16-5	µg/kg	<42	<35	<34	<36	<36	<35	<36	<36	<35	<36	<36	<35
Aroclor 1242	53469-21-9	µg/kg	<42	<35	<34	<36	<36	<35	<36	<36	<35	<36	<36	<35
Aroclor 1248	12672-29-6	µg/kg	<42	<35	<34	<36	<36	<35	<36	<36	<35	<36	<36	<35
Aroclor 1254	11097-69-1	µg/kg	21.7 J	59.4	89.4	<36	<36	64.8 ^a	<36	68.8 ^a	45.1	18.5 J	<36	94.4 ^a
Aroclor 1260	11096-82-5	µg/kg	<42	37.7 ^a	80.7 ^a	86.7	68.1	218	78.1	81.3	39.7 ^a	15.0 J ^a	13.9 J	125
Total PCBs		µg/kg	21.7	97.1	170.1	86.7	68.1	282.8	78.1	150.1	84.8	33.5	13.9	219.4
Percent Solids		%	77.9	93.2	94.6	92.1	90.8	93.1	91.5	91.8	94.4	91.2	90.3	91.4
Client Sample ID:			C-217	C-218	C-219	C-220	C-221	C-222	C-223	C-224	C-225	C-226	C-227	C-228
Lab Sample ID:			MC34853-27	MC35121-45	MC35117-4	MC35121-46	MC35121-47	MC35121-48	MC35121-49	MC35121-50	MC35121-51	MC35121-52	MC35121-53	MC35374-15
Date Sampled:			11/4/2014	11/13/2014	11/13/2014	11/13/2014	11/13/2014	11/13/2014	11/13/2014	11/13/2014	11/13/2014	11/13/2014	11/13/2014	11/24/2014
Matrix:	CAS No.	Unit	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Aroclor 1016	12674-11-2	µg/kg	<36	<35	<34	<35	<35	<36	<35	<39	<37	<36	<37	<41
Aroclor 1221	11104-28-2	µg/kg	<36	<35	<34	<35	<35	<36	<35	<39	<37	<36	<37	<41
Aroclor 1232	11141-16-5	µg/kg	<36	<35	<34	<35	<35	<36	<35	<39	<37	<36	<37	<41
Aroclor 1242	53469-21-9	µg/kg	<36	<35	<34	<35	<35	<36	<35	<39	<37	<36	<37	<41
Aroclor 1248	12672-29-6	µg/kg	<36	<35	<34	<35	<35	<36	<35	<39	<37	<36	<37	<41
Aroclor 1254	11097-69-1	µg/kg	299	30.7 J	37.2 ^a	38.6	<35	<36	29.7 J ^a	<39	<37	20.2 J	23.4 J	72.5
Aroclor 1260	11096-82-5	µg/kg	240 ^a	29.0 J ^a	88.1	34.5 J ^a	138	33.1 J	78.2	25.5 J	37.4	<36	<37	<41
Total PCBs		µg/kg	539	59.7	125.3	73.1	138	33.1	107.9	25.5	37.4	20.2	23.4	72.5
Percent Solids		%	91.8	92.5	94	92.4	93.5	92	91.6	85	88.1	91.2	88.8	80.8
Client Sample ID:			C-229	C-230	C-231	C-232	C-233	C-234	C-235	C-236	C-237	C-238	C-239	C-240
Lab Sample ID:			MC35374-16	MC35374-17	MC35374-40	MC35374-41	MC35374-42	MC35374-43	MC35374-44	MC35374-45	MC35374-46	MC35374-47	MC35374-48	MC35374-49
Date Sampled:			11/24/2014	11/24/2014	11/24/2014	11/24/2014	11/24/2014	11/24/2014	11/24/2014	11/24/2014	11/24/2014	11/24/2014	11/24/2014	11/24/2014
Matrix:	CAS No.	Unit	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Aroclor 1016	12674-11-2	µg/kg	<39	<40	<38	<38	<38	<39	<38	<41	<42	<42	<39	<48
Aroclor 1221	11104-28-2	µg/kg	<39	<40	<38	<38	<38	<39	<38	<41	<42	<42	<39	<48
Aroclor 1232	11141-16-5	µg/kg	<39	<40	<38	<38	<38	<39	<38	<41	<42	<42	<39	<48
Aroclor 1242	53469-21-9	µg/kg	<39	<40	<38	<38	<38	<39	<38	<41	<42	<42	<39	<48
Aroclor 1248	12672-29-6	µg/kg	<39	<40	<38	<38	<38	<39	<38	<41	<42	<42	<39	<48
Aroclor 1254	11097-69-1	µg/kg	<39	<40	<38	<38	<38	<39	<38	<41	<42	<42	<39	<48
Aroclor 1260	11096-82-5	µg/kg	18.4 J	<40	<38	<38	<38	<39	<38	<41	16.4 J	<42	<39	35.6 J
Total PCBs		µg/kg	18.4	ND	ND	ND	ND	ND	ND	ND	16.4	ND	ND	35.6
Percent Solids		%	82.2	82.4	83.7	84.5	86.3	84.3	85.4	78.6	79.9	78.4	83.6	68.6

Table 1 - Verification Sample Data Summary
Southeast Debris/Soil Pile
UTC/Carrier Site
Thompson Road, Syracuse, NY

Client Sample ID:			C-241	C-242	C-243	C-244	C-245	C-246	C-247	C-248	C-249	C-250	C-251	C-252
Lab Sample ID:			MC35374-50	MC35374-51	MC35374-52	MC35374-53	MC35374-54	MC35374-55	MC35374-56	MC35374-57	MC35374-58	MC35374-59	MC35374-18	MC35374-19
Date Sampled:			11/24/2014	11/24/2014	11/24/2014	11/24/2014	11/24/2014	11/24/2014	11/24/2014	11/24/2014	11/24/2014	11/24/2014	11/24/2014	11/24/2014
Matrix:	CAS No.	Unit	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Aroclor 1016	12674-11-2	µg/kg	<41	<19	<19	<19	<19	<19	<19	<19	<19	<19	<42	<42
Aroclor 1221	11104-28-2	µg/kg	<41	<19	<19	<19	<19	<19	<19	<19	<19	<19	<42	<42
Aroclor 1232	11141-16-5	µg/kg	<41	<19	<19	<19	<19	<19	<19	<19	<19	<19	<42	<42
Aroclor 1242	53469-21-9	µg/kg	<41	<19	<19	<19	<19	<19	<19	<19	<19	<19	<42	<42
Aroclor 1248	12672-29-6	µg/kg	<41	<19	<19	<19	<19	<19	<19	<19	<19	<19	<42	<42
Aroclor 1254	11097-69-1	µg/kg	<41	<19	<19	<19	<19	<19	<19	<19	<19	<19	<42	<42
Aroclor 1260	11096-82-5	µg/kg	<41	<19	<19	<19	<19	<19	<19	<19	<19	<19	<42	<42
Total PCBs		µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Percent Solids		%	80.3	81.9	84.2	83.9	81.7	81.2	85.1	85.7	84.4	86	77.3	77
Client Sample ID:			C-253	C-254	C-255	C-256A	C-257	C-258	C-259	C-260	C-261	C-262	C-263	C-264A
Lab Sample ID:			MC35374-20	MC35121-54	MC35121-55	MC35524-16	MC35121-56	MC35121-57	MC35121-58	MC35121-59	MC35121-60	MC35121-61	MC35117-5	MC35524-15
Date Sampled:			11/24/2014	11/13/2014	11/13/2014	12/3/2014	11/13/2014	11/13/2014	11/13/2014	11/13/2014	11/13/2014	11/13/2014	11/13/2014	12/3/2014
Matrix:	CAS No.	Unit	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Aroclor 1016	12674-11-2	µg/kg	<43	<35	<35	<43	<36	<37	<36	<36	<37	<38	<35	<38
Aroclor 1221	11104-28-2	µg/kg	<43	<35	<35	<43	<36	<37	<36	<36	<37	<38	<35	<38
Aroclor 1232	11141-16-5	µg/kg	<43	<35	<35	<43	<36	<37	<36	<36	<37	<38	<35	<38
Aroclor 1242	53469-21-9	µg/kg	<43	<35	<35	<43	<36	<37	<36	<36	<37	<38	<35	<38
Aroclor 1248	12672-29-6	µg/kg	<43	<35	<35	<43	<36	<37	<36	<36	<37	<38	<35	<38
Aroclor 1254	11097-69-1	µg/kg	<43	<35	26.2 J ^a	<43	<36	<37	<36	37.6 ^a	<37	<38	<35	<38
Aroclor 1260	11096-82-5	µg/kg	<43	29.2 J	40.5	<43	33.4 J	47.1	44.9	70.6	228	<38	97.0	<38
Total PCBs		µg/kg	ND	29.2	66.7	ND	33.4	47.1	44.9	108.2	228	ND	97.0	ND
Percent Solids		%	76.3	92.4	92	75.9	90.2	89.4	89.8	91.2	88.5	85.8	92.1	83.4

CAS No. = Chemical Abstracts Service Number
µg/kg = micrograms per kilogram
J indicates an estimated value
ND = Not Detected
^a Estimated value due to the presence of other Aroclor pattern
^b Result is from Run #2 (5.0 Dilution Factor)

Figures



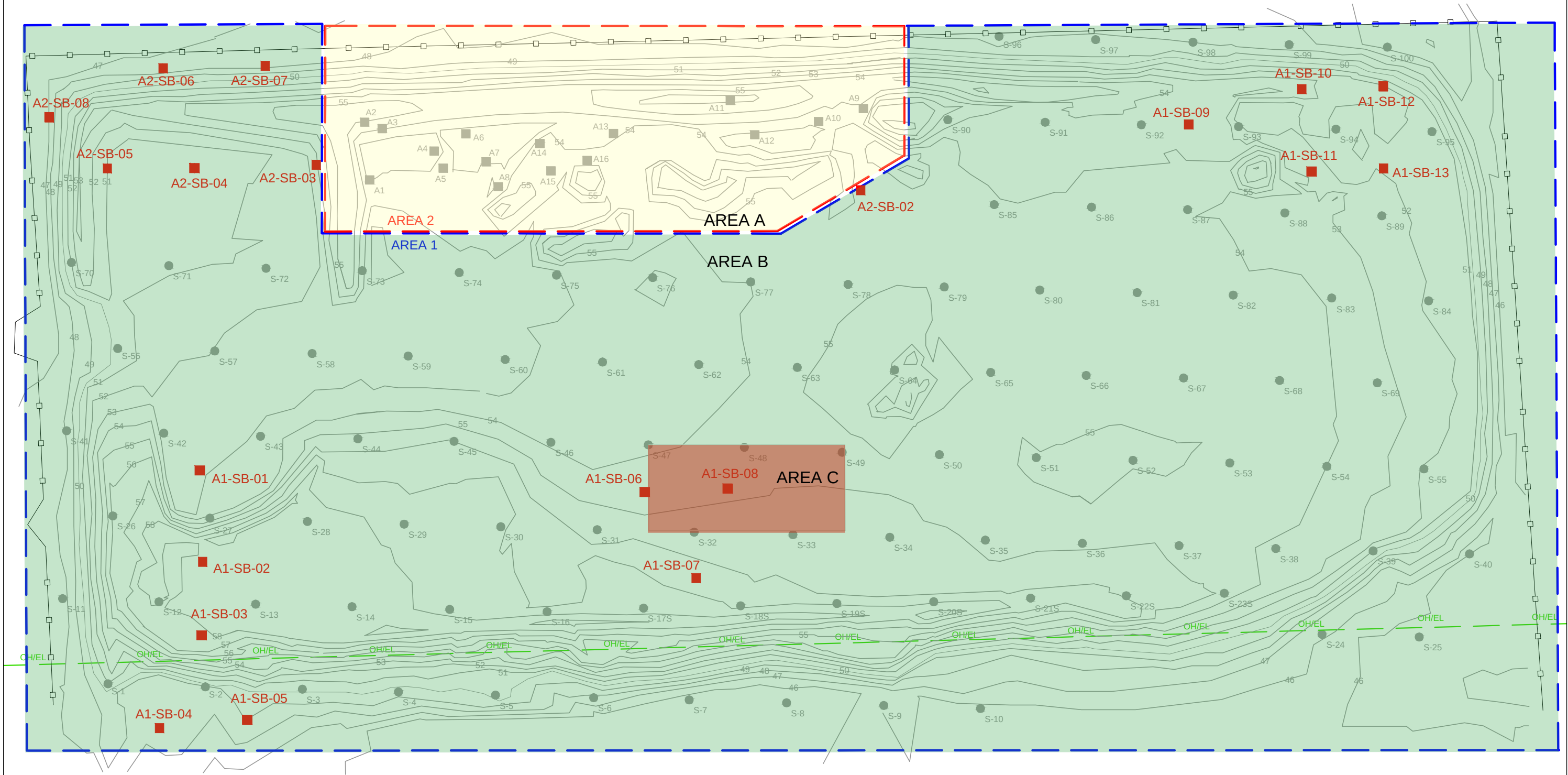
AECOM

40 British American Blvd.
Latham, NY 12110
T: (518) 951-2200
F: (518) 951-2300

FIGURE 1

SITE LOCATION MAP

SOUTHEAST DEBRIS/SOIL PILE
UTC/CARRIER SITE
THOMPSON ROAD, SYRACUSE, NEW YORK



LEGEND

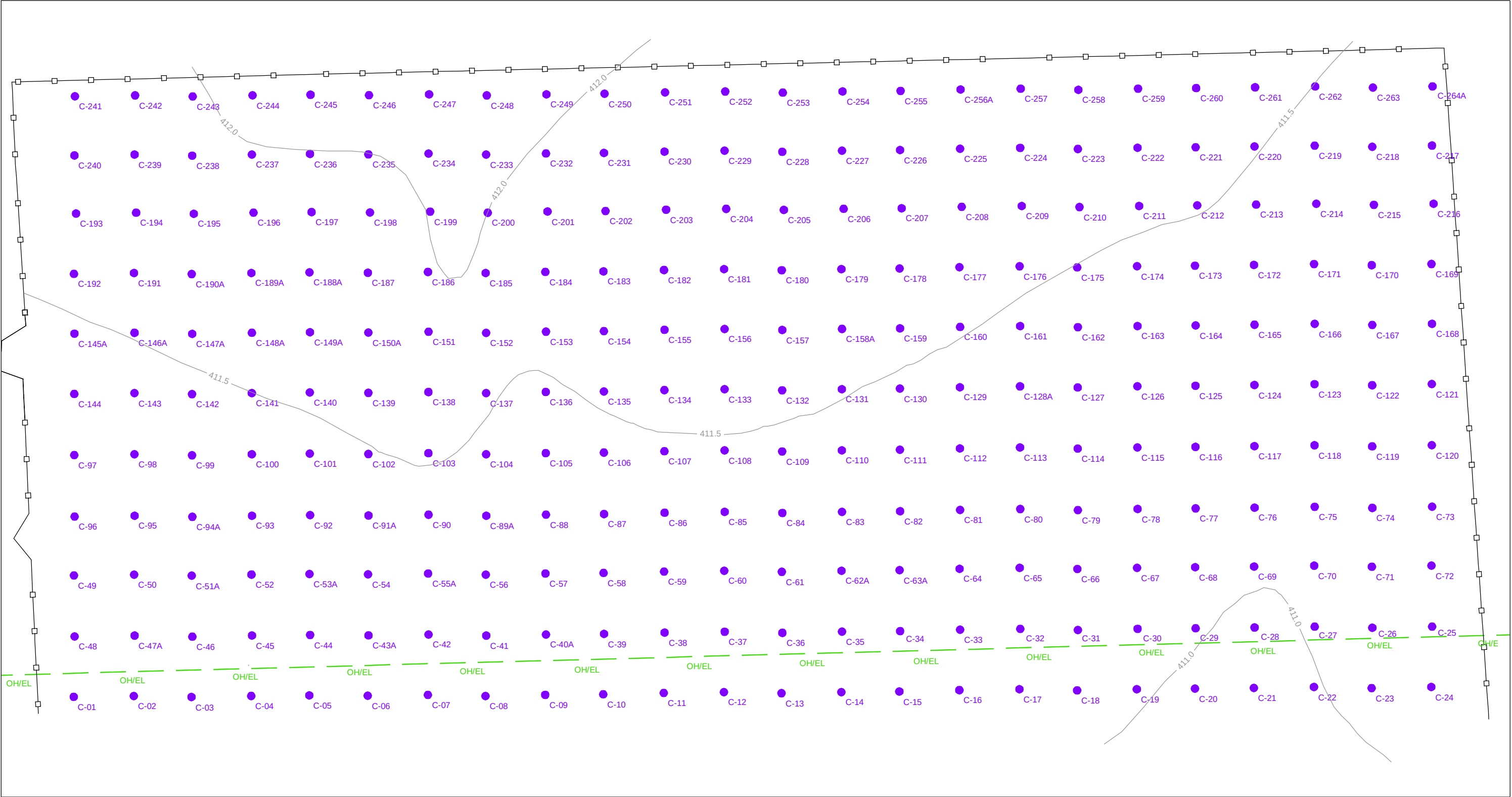
	CONTOUR INTERVAL		UTILITY LINE
	CONFIRMATION SAMPLE LOCATION		EXISTING FENCE
	INITIAL INVESTIGATION TEST PIT LOCATION		INITIAL INVESTIGATION-JUDGMENT SAMPLING
	AREA C (PCBs DETECTED > 50 mg/kg)		AREA A (POTENTIAL ACM and PCBs DETECTED < 50 mg/kg)
	AREA 1 BOUNDARY		AREA B (PCBs DETECTED < 50 mg/kg)
	AREA 2 BOUNDARY		



Approximate Scale (ft)	
PROJ. NO:	60314591
DATE:	5-9-2014
DRAWN:	CTN
APPROVED:	-

NOTES:	
1) DATUM BASE ON CARRIER CAMPUS DATUM	
2) ZERO BASE PLANE ELEVATION=EL. 42.0	

SHEET TITLE: DESIGNATED AREAS	
PROJECT: SOUTHEAST DEBRIS/SOIL PILE UTC/CARRIER SITE THOMPSON ROAD, SYRACUSE, NY	
DRAWING REFERENCE: 1) Drawing based on FIGURE 2, "SE DEBRIS PILE TOPOGRAPHIC SURVEY", by ENSAFEE., dated JANUARY 2014, including all reference therein.	FIGURE 2



LEGEND

— 412.0 —

CONTOUR INTERVAL

● C-150

VERIFICATION SAMPLE LOCATION

— □ —

FENCE

— OH/EL —

UTILITY LINE

Approximate Scale (ft)

0

20

40

PROJ. NO: 60328507

DATE: 2-13-2015

DRAWN: CTN

APPROVED: -

AECOM

NOTES:

1) DATUM BASE ON CARRIER CAMPUS DATUM

2) ZERO BASE PLANE ELEVATION=EL. 42.0

SHEET TITLE: VERIFICATION SAMPLE LOCATIONS

PROJECT: SOUTHEAST DEBRIS/SOIL PILE
UTC/CARRIER SITE
THOMPSON ROAD, SYRACUSE, NY

DRAWING REFERENCE:

1) Drawing based on FIGURE 2, "SE DEBRIS PILE TOPOGRAPHIC SURVEY", by ENSAFE., dated JANUARY 2014, including all reference therein.

FIGURE 3

Appendix A

Photographic Record of Field Activities

AECOM

PHOTOGRAPHIC RECORD

Client Name: United Technologies Corporation

Site Location: Carrier Corporation, Thompson Rd.,
East Syracuse, NY 13057
Southeast Debris/Soil Pile

Project No.
60328507

Photo No.
1

Date:
7/30/14

**Direction Photo
Taken:**

E

Description:

Entrance to pile prior to
mobilization



Photo No.
2

Date:
7/30/14

**Direction Photo
Taken:**

NE

Description:

Start of
decontamination pad
construction



AECOM

PHOTOGRAPHIC RECORD

Client Name: United Technologies Corporation

Site Location: Carrier Corporation, Thompson Rd.,
East Syracuse, NY 13057
Southeast Debris/Soil Pile

Project No.
60328507

Photo No.
3

Date:
08/05/14

Direction Photo Taken:

E

Description:

Pile entrance and completed decon pad. Personnel decontamination area at right of frame



Photo No.
4

Date:
08/05/14

Direction Photo Taken:

ENE

Description:

First ground breaking near pile entrance, stream of water for dust control can be seen to left of bucket



AECOM		PHOTOGRAPHIC RECORD	
Client Name: United Technologies Corporation		Site Location: Carrier Corporation, Thompson Rd., East Syracuse, NY 13057 Southeast Debris/Soil Pile	
Project No. 60328507			
Photo No. 5	Date: 08/06/14		
Direction Photo Taken: E			
Description: Start of bulk material handling			

Photo No. 6	Date: 08/06/14	
Direction Photo Taken: SW		
Description: View looking south west from near center of pile		

AECOM

PHOTOGRAPHIC RECORD

Client Name: United Technologies Corporation

Site Location: Carrier Corporation, Thompson Rd.,
East Syracuse, NY 13057
Southeast Debris/Soil Pile

Project No.
60328507

Photo No.
7

Date:
08/07/14

**Direction Photo
Taken:**

E

Description:

Truck staging area day
1 of load out



Photo No.
8

Date:
08/07/14

**Direction Photo
Taken:**

SE

Description:

Site as viewed from
NW corner of staging
area



AECOM

PHOTOGRAPHIC RECORD

Client Name: United Technologies Corporation

Site Location: Carrier Corporation, Thompson Rd.,
East Syracuse, NY 13057
Southeast Debris/Soil Pile

Project No.
60328507

Photo No.
9

Date:
08/08/14

**Direction Photo
Taken:**

ENE

Description:

Early load out and dust
control



Photo No.
10

Date:
08/08/14

**Direction Photo
Taken:**

NE

Description:

Pile as viewed from
landing on frac tank



AECOM

PHOTOGRAPHIC RECORD

Client Name: United Technologies Corporation

Site Location: Carrier Corporation, Thompson Rd.,
East Syracuse, NY 13057
Southeast Debris/Soil Pile

Project No.
60328507

Photo No.
11

Date:
08/21/14

**Direction Photo
Taken:**

NE

Description:

Soil management



Photo No.
12

Date:
08/22/14

**Direction Photo
Taken:**

E

Description:

Day 12 of load-out



AECOM

PHOTOGRAPHIC RECORD

Client Name: United Technologies Corporation

Site Location: Carrier Corporation, Thompson Rd.,
East Syracuse, NY 13057
Southeast Debris/Soil Pile

Project No.
60328507

Photo No.
13

Date:
08/28/14

**Direction Photo
Taken:**

E

Description:

Day 16 of load-out



Photo No.
14

Date:
09/05/14

**Direction Photo
Taken:**

E

Description:

Haul road construction,
ECC (ACM abatement
contractor) equipment
at left of frame



AECOM

PHOTOGRAPHIC RECORD

Client Name: United Technologies Corporation

Site Location: Carrier Corporation, Thompson Rd.,
East Syracuse, NY 13057
Southeast Debris/Soil Pile

Project No.
60328507

Photo No.
15

Date:
09/08/14

**Direction Photo
Taken:**

E

Description:

Day 21 of load-out



Photo No.
16

Date:
09/12/14

**Direction Photo
Taken:**

E

Description:

Day 25 of load-out



AECOM

PHOTOGRAPHIC RECORD

Client Name: United Technologies Corporation

Site Location: Carrier Corporation, Thompson Rd.,
East Syracuse, NY 13057
Southeast Debris/Soil Pile

Project No.
60328507

Photo No.
17

Date:
09/16/14

Direction Photo Taken:

E

Description:

Day 27 of load-out



Photo No.
18

Date:
09/23/14

Direction Photo Taken:

ENE

Description:

Day 34 of load-out



AECOM

PHOTOGRAPHIC RECORD

Client Name: United Technologies Corporation

Site Location: Carrier Corporation, Thompson Rd.,
East Syracuse, NY 13057
Southeast Debris/Soil Pile

Project No.
60328507

Photo No.
19

Date:
10/08/14

**Direction Photo
Taken:**

ENE

Description:

Day 40 of load-out –
SW section of pile near
final cut grade



Photo No.
20

Date:
10/09/14

**Direction Photo
Taken:**

E

Description:

Day 41 of load-out



AECOM

PHOTOGRAPHIC RECORD

Client Name: United Technologies Corporation

Site Location: Carrier Corporation, Thompson Rd.,
East Syracuse, NY 13057
Southeast Debris/Soil Pile

Project No.
60328507

Photo No.
21

Date:
10/13/14

**Direction Photo
Taken:**

E

Description:

Day 43 of load-out



Photo No.
22

Date:
10/14/14

**Direction Photo
Taken:**

SE

Description:

Day 44 of load-out –
note flagged
confirmation sampling
locations



AECOM

PHOTOGRAPHIC RECORD

Client Name: United Technologies Corporation

Site Location: Carrier Corporation, Thompson Rd.,
East Syracuse, NY 13057
Southeast Debris/Soil Pile

Project No.
60328507

Photo No.
23

Date:
10/15/14

**Direction Photo
Taken:**

ENE

Description:

Day 45 of load-out –
viewed from landing on
frac tank



Photo No.
24

Date:
10/17/14

**Direction Photo
Taken:**

NE

Description:

View from south fence
line looking NE on day
47 of load-out



AECOM

PHOTOGRAPHIC RECORD

Client Name: United Technologies Corporation

Site Location: Carrier Corporation, Thompson Rd.,
East Syracuse, NY 13057
Southeast Debris/Soil Pile

Project No.
60328507

Photo No.
25

Date:
10/17/14

**Direction Photo
Taken:**

N

Description:

View from south fence
line looking N on day
47 of load-out



Photo No.
26

Date:
10/22/14

**Direction Photo
Taken:**

ESE

Description:

SE corner of pile – very
near final cut grade



AECOM

PHOTOGRAPHIC RECORD

Client Name: United Technologies Corporation

Site Location: Carrier Corporation, Thompson Rd.,
East Syracuse, NY 13057
Southeast Debris/Soil Pile

Project No.
60328507

Photo No.
27

Date:
10/22/14

Direction Photo Taken:

S

Description:

East end of work area



Photo No.
28

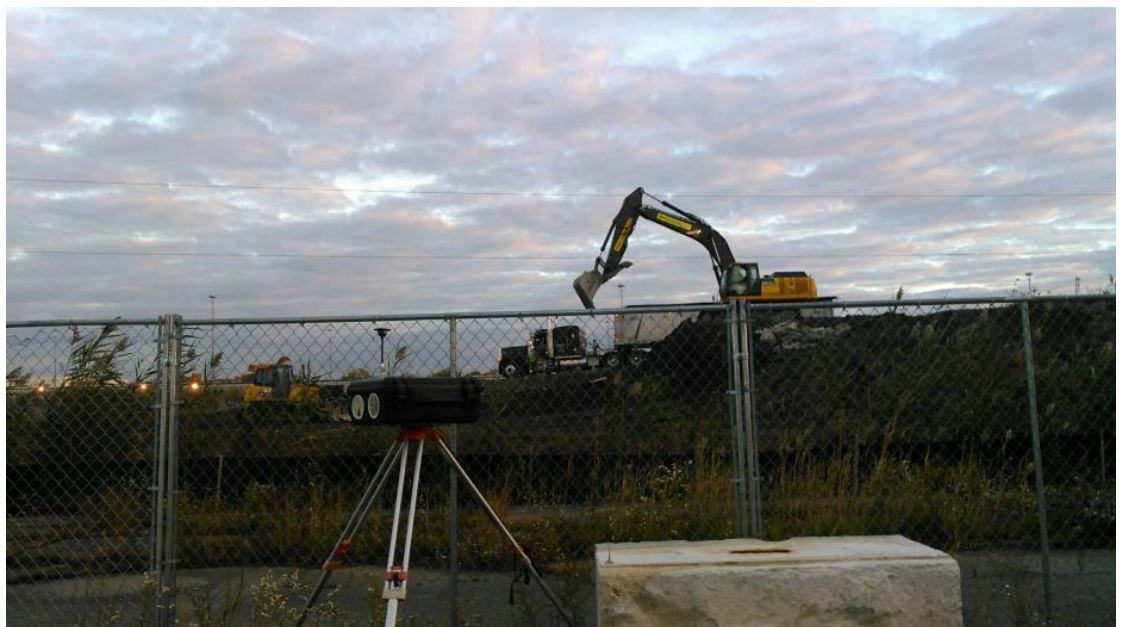
Date:
10/10/14

Direction Photo Taken:

N

Description:

South CAMP Station
(Upwind)



AECOM

PHOTOGRAPHIC RECORD

Client Name: United Technologies Corporation

Site Location: Carrier Corporation, Thompson Rd.,
East Syracuse, NY 13057
Southeast Debris/Soil Pile

Project No.
60328507

Photo No.
29

Date:
10/24/14

**Direction Photo
Taken:**

E

Description:

Haul Road looking east



Photo No.
30

Date:
10/27/14

**Direction Photo
Taken:**

E

Description:

Cutting grade south of
haul road



AECOM

PHOTOGRAPHIC RECORD

Client Name: United Technologies Corporation

Site Location: Carrier Corporation, Thompson Rd.,
East Syracuse, NY 13057
Southeast Debris/Soil Pile

Project No.
60328507

Photo No.
31

Date:
10/29/14

**Direction Photo
Taken:**

S

Description:

Flagged confirmation
sampling locations at
south side of site



Photo No.
32

Date:
10/29/14

**Direction Photo
Taken:**

ESE

Description:

Flagged confirmation
sampling locations at
south side of site



AECOM

PHOTOGRAPHIC RECORD

Client Name: United Technologies Corporation

Site Location: Carrier Corporation, Thompson Rd.,
East Syracuse, NY 13057
Southeast Debris/Soil Pile

Project No.
60328507

Photo No.
33

Date:
10/29/14

Direction Photo Taken:

SE

Description:

Southeast corner of site



Photo No.
34

Date:
10/30/14

Direction Photo Taken:

SE

Description:

Flagged confirmation sampling locations at south side of site – orange snow fence denotes previously sampled areas



AECOM

PHOTOGRAPHIC RECORD

Client Name: United Technologies Corporation

Site Location: Carrier Corporation, Thompson Rd.,
East Syracuse, NY 13057
Southeast Debris/Soil Pile

Project No.
60328507

Photo No.
35

Date:
11/04/14

**Direction Photo
Taken:**

W

Description:

View looking west
along northern side of
site



Photo No.
36

Date:
11/05/14

**Direction Photo
Taken:**

NE

Description:

Use of limonene
containing solution
during decontamination



AECOM

PHOTOGRAPHIC RECORD

Client Name: United Technologies Corporation

Site Location: Carrier Corporation, Thompson Rd.,
East Syracuse, NY 13057
Southeast Debris/Soil Pile

Project No.
60328507

Photo No.
37

Date:
11/06/14

Direction Photo Taken:

E

Description:

East section of site



Photo No.
38

Date:
11/07/14

Direction Photo Taken:

NE

Description:

East section of site



AECOM

PHOTOGRAPHIC RECORD

Client Name: United Technologies Corporation

Site Location: Carrier Corporation, Thompson Rd.,
East Syracuse, NY 13057
Southeast Debris/Soil Pile

Project No.
60328507

Photo No.
39

Date:
11/08/14

**Direction Photo
Taken:**

E

Description:

Cutting bottom grade



Photo No.
40

Date:
11/08/14

**Direction Photo
Taken:**

E

Description:

East end of site (same
as previous photo) after
3 ½ hours of grading
work



AECOM

PHOTOGRAPHIC RECORD

Client Name: United Technologies Corporation

Site Location: Carrier Corporation, Thompson Rd.,
East Syracuse, NY 13057
Southeast Debris/Soil Pile

Project No.
60328507

Photo No.
41

Date:
11/11/14

**Direction Photo
Taken:**

E

Description:

East side of site as
viewed from top of
stockpile



Photo No.
42

Date:
11/12/14

**Direction Photo
Taken:**

W

Description:

View looking west from
east end of site



AECOM

PHOTOGRAPHIC RECORD

Client Name: United Technologies Corporation

Site Location: Carrier Corporation, Thompson Rd.,
East Syracuse, NY 13057
Southeast Debris/Soil Pile

Project No.
60328507

Photo No.
43

Date:
11/13/14

**Direction Photo
Taken:**

E

Description:

East section of site



Photo No.
44

Date:
11/14/14

**Direction Photo
Taken:**

N

Description:

Cutting grade at north
west corner of site



AECOM

PHOTOGRAPHIC RECORD

Client Name: United Technologies Corporation

Site Location: Carrier Corporation, Thompson Rd.,
East Syracuse, NY 13057
Southeast Debris/Soil Pile

Project No.
60328507

Photo No.
45

Date:
11/14/14

**Direction Photo
Taken:**

WNW

Description:

Site looking west



Photo No.
46

Date:
11/18/14

**Direction Photo
Taken:**

ENE

Description:

Material stockpile ready
for loading into trucks



AECOM

PHOTOGRAPHIC RECORD

Client Name: United Technologies Corporation

Site Location: Carrier Corporation, Thompson Rd.,
East Syracuse, NY 13057
Southeast Debris/Soil Pile

Project No.
60328507

Photo No.
47

Date:
11/21/14

**Direction Photo
Taken:**

SE

Description:

Site looking south east



Photo No.
48

Date:
11/24/14

**Direction Photo
Taken:**

E

Description:

Haul road looking east



AECOM

PHOTOGRAPHIC RECORD

Client Name: United Technologies Corporation

Site Location: Carrier Corporation, Thompson Rd.,
East Syracuse, NY 13057
Southeast Debris/Soil Pile

Project No.
60328507

Photo No.
49

Date:
11/24/14

**Direction Photo
Taken:**

ENE

Description:

Installation of erosion
control material



Photo No.
50

Date:
11/25/14

**Direction Photo
Taken:**

SE

Description:

Mark-out of areas
requiring additional
removal based on
geologic inspection and
sampling



AECOM

PHOTOGRAPHIC RECORD

Client Name: United Technologies Corporation

Site Location: Carrier Corporation, Thompson Rd.,
East Syracuse, NY 13057
Southeast Debris/Soil Pile

Project No.
60328507

Photo No.
51

Date:
12/03/14

**Direction Photo
Taken:**

SE

Description:

Removal of additional
material



Photo No.
52

Date:
12/02/14

**Direction Photo
Taken:**

ENE

Description:

Material ready to be
loaded into truck for
transport



AECOM		PHOTOGRAPHIC RECORD	
Client Name: United Technologies Corporation		Site Location: Carrier Corporation, Thompson Rd., East Syracuse, NY 13057 Southeast Debris/Soil Pile	Project No. 60328507
Photo No. 53	Date: 12/09/14		
Direction Photo Taken: E			
Description: Erosion control material in place – site viewed looking east			

Photo No. 54	Date: 12/22/14	
Direction Photo Taken: NNE		
Description: Site as viewed looking northeast from southwest corner - erosion control material installation		

AECOM

PHOTOGRAPHIC RECORD

Client Name: United Technologies Corporation

Site Location: Carrier Corporation, Thompson Rd.,
East Syracuse, NY 13057
Southeast Debris/Soil Pile

Project No.
60328507

Photo No.
55

Date:
12/22/14

**Direction Photo
Taken:**

E

Description:

Drummed equipment
decontamination water
collected to be moved
to TR-5 and disposed
pending analytical
results



Photo No.
56

Date:
01/06/15

**Direction Photo
Taken:**

E

Description:

Debris Pile site at
completion of
equipment
demobilization



Appendix B

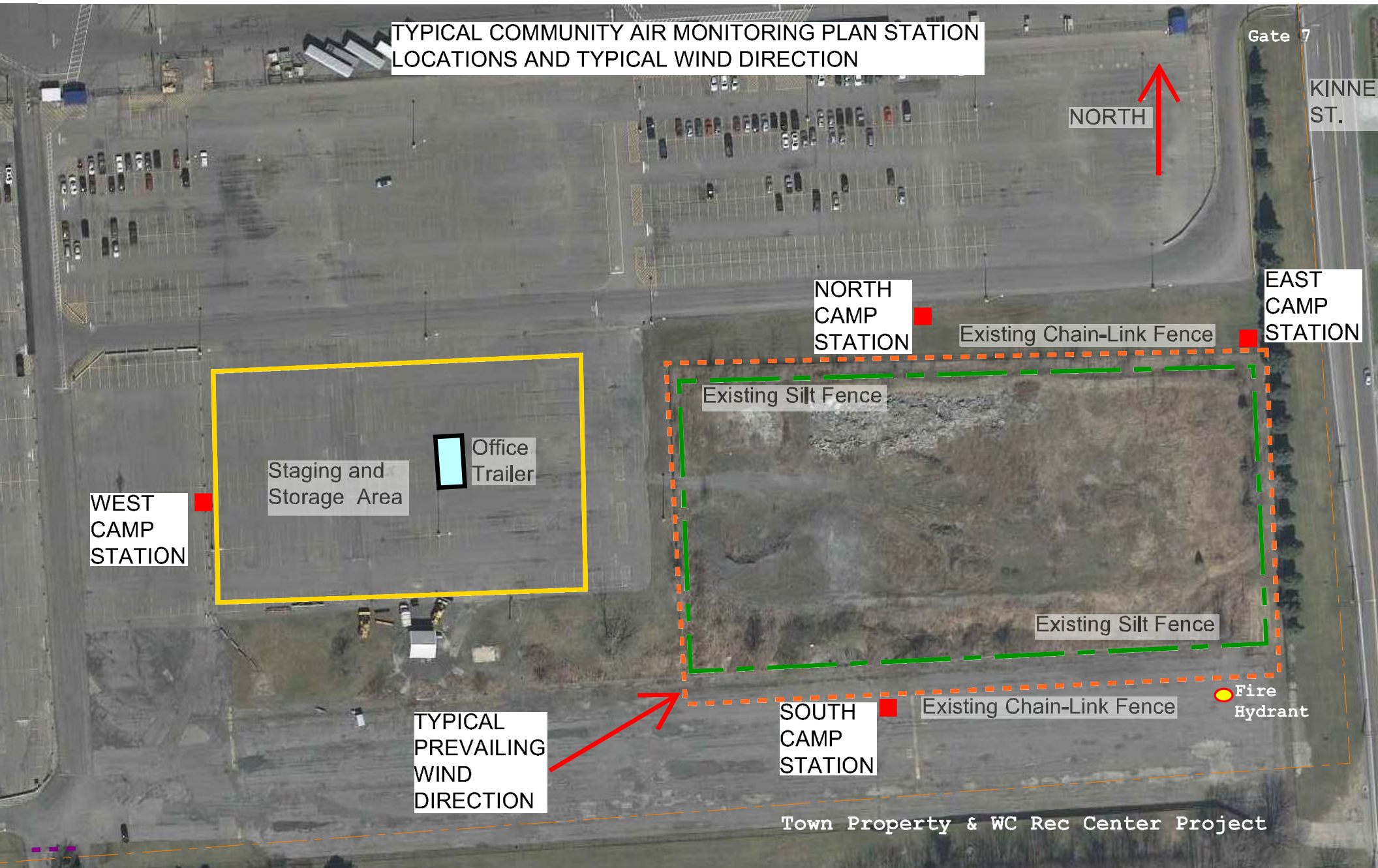
Truck Tickets and Waste Disposal Manifests

Due to the size of the Truck Tickets and Waste Disposal Manifests, they have been provided on the enclosed CD.

Appendix C

Dust and VOC Monitoring Data

TYPICAL COMMUNITY AIR MONITORING PLAN STATION
LOCATIONS AND TYPICAL WIND DIRECTION



EASTERN CAMP MONITORING STATION DATA

Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530142509
Firmware Version	3
Calibration Date	6/20/2014
Test Name	UTC EAST_001
Test Start Time	9:24:27 AM
Test Start Date	7/31/2014
Test Length [D:H:M]	0:08:15
Test Interval [M:S]	15:00
Mass Average [mg/m3]	0.029
Mass Minimum [mg/m3]	0.018
Mass Maximum [mg/m3]	0.043
Mass TWA [mg/m3]	0.029
Photometric User Cal	1
Flow User Cal	0
Errors	
Number of Samples	33

Elapsed Time [s]	Mass [mg/m3]	Alarms	Errors
900	0.026		
1800	0.025		
2700	0.025		
3600	0.025		
4500	0.027		
5400	0.028		
6300	0.028		
7200	0.027		
8100	0.025		
9000	0.028		
9900	0.028		
10800	0.028		
11700	0.025		
12600	0.025		
13500	0.029		
14400	0.031		
15300	0.037		
16200	0.031		
17100	0.032		
18000	0.043		
18900	0.032		
19800	0.028		
20700	0.028		
21600	0.032		
22500	0.031		
23400	0.033		
24300	0.032		
25200	0.03		
26100	0.03		
27000	0.03		
27900	0.032		
28800	0.028		
29700	0.018		

Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530142509
Firmware Version	3
Calibration Date	6/20/2014
Test Name	UTC EAST_002
Test Start Time	7:47:18 AM
Test Start Date	8/1/2014
Test Length [D:H:M]	0:09:30
Test Interval [M:S]	15:00
Mass Average [mg/m3]	0.059
Mass Minimum [mg/m3]	0.052
Mass Maximum [mg/m3]	0.069
Mass TWA [mg/m3]	0.057
Photometric User Cal	1
Flow User Cal	0
Errors	
Number of Samples	38

Elapsed Time [s]	Mass [mg/m3]	Alarms	Errors
900	0.062		
1800	0.061		
2700	0.06		
3600	0.06		
4500	0.06		
5400	0.059		
6300	0.054		
7200	0.055		
8100	0.054		
9000	0.055		
9900	0.057		
10800	0.058		
11700	0.056		
12600	0.057		
13500	0.054		
14400	0.053		
15300	0.052		
16200	0.054		
17100	0.054		
18000	0.055		
18900	0.054		
19800	0.054		
20700	0.056		
21600	0.055		
22500	0.057		
23400	0.06		
24300	0.059		
25200	0.059		
26100	0.06		
27000	0.061		
27900	0.064		
28800	0.065		
29700	0.067		
30600	0.069		
31500	0.068		
32400	0.069		
33300	0.068		
34200	0.068		

Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530134905
Firmware Version	3
Calibration Date	12/9/2013
Test Name	UTC EAST_002
Test Start Time	9:16:43 AM
Test Start Date	8/4/2014
Test Length [D:H:M]	0:08:00
Test Interval [M:S]	15:00
Mass Average [mg/m3]	0.044
Mass Minimum [mg/m3]	0.039
Mass Maximum [mg/m3]	0.055
Mass TWA [mg/m3]	0.044
Photometric User Cal	1
Flow User Cal	0
Errors	
Number of Samples	32

Elapsed Time [s]	Mass [mg/m3]	Alarms	Errors
900	0.055		
1800	0.049		
2700	0.049		
3600	0.049		
4500	0.049		
5400	0.047		
6300	0.042		
7200	0.046		
8100	0.043		
9000	0.042		
9900	0.04		
10800	0.04		
11700	0.039		
12600	0.041		
13500	0.041		
14400	0.042		
15300	0.043		
16200	0.043		
17100	0.042		
18000	0.043		
18900	0.045		
19800	0.044		
20700	0.045		
21600	0.044		
22500	0.044		
23400	0.044		
24300	0.045		
25200	0.045		
26100	0.045		
27000	0.045		
27900	0.045		
28800	0.046		

Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530134905
Firmware Version	3
Calibration Date	12/9/2013
Test Name	UTC EAST_003
Test Start Time	7:44:28 AM
Test Start Date	8/5/2014
Test Length [D:H:M]	0:09:15
Test Interval [M:S]	15:00
Mass Average [mg/m3]	0.055
Mass Minimum [mg/m3]	0.039
Mass Maximum [mg/m3]	0.068
Mass TWA [mg/m3]	0.056
Photometric User Cal	1
Flow User Cal	0
Errors	
Number of Samples	37

Elapsed Time [s]	Mass [mg/m3]	Alarms	Errors
900	0.054		
1800	0.048		
2700	0.049		
3600	0.049		
4500	0.051		
5400	0.054		
6300	0.055		
7200	0.052		
8100	0.052		
9000	0.052		
9900	0.049		
10800	0.049		
11700	0.057		
12600	0.058		
13500	0.059		
14400	0.06		
15300	0.061		
16200	0.061		
17100	0.06		
18000	0.059		
18900	0.056		
19800	0.055		
20700	0.056		
21600	0.056		
22500	0.057		
23400	0.049		
24300	0.052		
25200	0.066		
26100	0.068		
27000	0.066		
27900	0.063		
28800	0.063		
29700	0.062		
30600	0.062		
31500	0.049		
32400	0.041		
33300	0.039		

Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530134905
Firmware Version	3
Calibration Date	12/9/2013
Test Name	UTC EAST_004
Test Start Time	7:43:18 AM
Test Start Date	8/6/2014
Test Length [D:H:M]	0:08:45
Test Interval [M:S]	15:00
Mass Average [mg/m3]	0.023
Mass Minimum [mg/m3]	0.013
Mass Maximum [mg/m3]	0.079
Mass TWA [mg/m3]	0.024
Photometric User Cal	1
Flow User Cal	0
Errors	
Number of Samples	35

Elapsed Time [s]	Mass [mg/m3]	Alarms	Errors
900	0.079		
1800	0.039		
2700	0.037		
3600	0.035		
4500	0.031		
5400	0.03		
6300	0.029		
7200	0.025		
8100	0.025		
9000	0.024		
9900	0.022		
10800	0.019		
11700	0.019		
12600	0.021		
13500	0.02		
14400	0.02		
15300	0.019		
16200	0.018		
17100	0.019		
18000	0.02		
18900	0.021		
19800	0.021		
20700	0.02		
21600	0.02		
22500	0.019		
23400	0.017		
24300	0.017		
25200	0.016		
26100	0.015		
27000	0.015		
27900	0.014		
28800	0.014		
29700	0.013		
30600	0.013		
31500	0.013		

Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530134905
Firmware Version	3
Calibration Date	12/9/2013
Test Name	UTC EAST_005
Test Start Time	7:13:52 AM
Test Start Date	8/7/2014
Test Length [D:H:M]	0:09:30
Test Interval [M:S]	15:00
Mass Average [mg/m3]	0.025
Mass Minimum [mg/m3]	0.021
Mass Maximum [mg/m3]	0.033
Mass TWA [mg/m3]	0.025
Photometric User Cal	1
Flow User Cal	0
Errors	
Number of Samples	38

Elapsed Time [s]	Mass [mg/m3]	Alarms	Errors
900	0.033		
1800	0.027		
2700	0.027		
3600	0.027		
4500	0.027		
5400	0.027		
6300	0.028		
7200	0.027		
8100	0.026		
9000	0.025		
9900	0.024		
10800	0.024		
11700	0.024		
12600	0.024		
13500	0.024		
14400	0.024		
15300	0.023		
16200	0.022		
17100	0.022		
18000	0.021		
18900	0.022		
19800	0.022		
20700	0.022		
21600	0.023		
22500	0.023		
23400	0.023		
24300	0.024		
25200	0.024		
26100	0.025		
27000	0.024		
27900	0.026		
28800	0.025		
29700	0.025		
30600	0.025		
31500	0.024		
32400	0.024		
33300	0.023		
34200	0.024		

Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530134905
Firmware Version	3
Calibration Date	12/9/2013
Test Name	UTC EAST_001
Test Start Time	7:27:37 AM
Test Start Date	8/8/2014
Test Length [D:H:M]	0:08:45
Test Interval [M:S]	15:00
Mass Average [mg/m3]	0.018
Mass Minimum [mg/m3]	0.013
Mass Maximum [mg/m3]	0.025
Mass TWA [mg/m3]	0.019
Photometric User Cal	1
Flow User Cal	0
Errors	
Number of Samples	35

Elapsed Time [s]	Mass [mg/m3]	Alarms	Errors
900	0.025		
1800	0.02		
2700	0.023		
3600	0.022		
4500	0.023		
5400	0.025		
6300	0.024		
7200	0.022		
8100	0.022		
9000	0.022		
9900	0.023		
10800	0.023		
11700	0.023		
12600	0.022		
13500	0.021		
14400	0.02		
15300	0.019		
16200	0.018		
17100	0.018		
18000	0.016		
18900	0.014		
19800	0.013		
20700	0.013		
21600	0.014		
22500	0.014		
23400	0.014		
24300	0.015		
25200	0.014		
26100	0.015		
27000	0.014		
27900	0.014		
28800	0.014		
29700	0.013		
30600	0.014		
31500	0.013		

Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530134905
Firmware Version	3
Calibration Date	12/9/2013
Test Name	UTC EAST_002
Test Start Time	7:03:27 AM
Test Start Date	8/11/2014
Test Length [D:H:M]	0:09:30
Test Interval [M:S]	15:00
Mass Average [mg/m3]	0.023
Mass Minimum [mg/m3]	0.018
Mass Maximum [mg/m3]	0.032
Mass TWA [mg/m3]	0.024
Photometric User Cal	1
Flow User Cal	0
Errors	
Number of Samples	38

Elapsed Time [s]	Mass [mg/m3]	Alarms	Errors
900	0.026		
1800	0.025		
2700	0.024		
3600	0.023		
4500	0.026		
5400	0.025		
6300	0.025		
7200	0.022		
8100	0.022		
9000	0.022		
9900	0.023		
10800	0.025		
11700	0.025		
12600	0.025		
13500	0.028		
14400	0.03		
15300	0.032		
16200	0.031		
17100	0.028		
18000	0.026		
18900	0.022		
19800	0.02		
20700	0.019		
21600	0.019		
22500	0.018		
23400	0.019		
24300	0.019		
25200	0.02		
26100	0.021		
27000	0.021		
27900	0.021		
28800	0.02		
29700	0.021		
30600	0.02		
31500	0.02		
32400	0.02		
33300	0.021		
34200	0.021		

Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530134905
Firmware Version	3
Calibration Date	12/9/2013
Test Name	UTC EAST_001
Test Start Time	7:08:08 AM
Test Start Date	8/14/2014
Test Length [D:H:M]	0:09:45
Test Interval [M:S]	15:00
Mass Average [mg/m3]	0.009
Mass Minimum [mg/m3]	0.005
Mass Maximum [mg/m3]	0.015
Mass TWA [mg/m3]	0.009
Photometric User Cal	1
Flow User Cal	0
Errors	
Number of Samples	39

Elapsed Time [s]	Mass [mg/m3]	Alarms	Errors
900	0.012		
1800	0.009		
2700	0.008		
3600	0.008		
4500	0.008		
5400	0.006		
6300	0.006		
7200	0.006		
8100	0.005		
9000	0.005		
9900	0.005		
10800	0.007		
11700	0.008		
12600	0.01		
13500	0.01		
14400	0.009		
15300	0.008		
16200	0.009		
17100	0.009		
18000	0.009		
18900	0.009		
19800	0.01		
20700	0.01		
21600	0.011		
22500	0.014		
23400	0.015		
24300	0.011		
25200	0.011		
26100	0.011		
27000	0.011		
27900	0.011		
28800	0.011		
29700	0.011		
30600	0.01		
31500	0.01		
32400	0.01		
33300	0.009		
34200	0.008		
35100	0.008		

Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530134905
Firmware Version	3
Calibration Date	12/9/2013
Test Name	UTC EAST_001
Test Start Time	6:55:55 AM
Test Start Date	8/18/2014
Test Length [D:H:M]	0:10:45
Test Interval [M:S]	15:00
Mass Average [mg/m3]	0.01
Mass Minimum [mg/m3]	0.009
Mass Maximum [mg/m3]	0.012
Mass TWA [mg/m3]	0
Photometric User Cal	1
Flow User Cal	0
Errors	
Number of Samples	43

Elapsed Time [s]	Mass [mg/m3]	Alarms	Errors
900	0.011		
1800	0.011		
2700	0.011		
3600	0.011		
4500	0.011		
5400	0.01		
6300	0.009		
7200	0.009		
8100	0.01		
9000	0.01		
9900	0.01		
10800	0.01		
11700	0.01		
12600	0.01		
13500	0.01		
14400	0.01		
15300	0.01		
16200	0.012		
17100	0.01		
18000	0.01		
18900	0.01		
19800	0.01		
20700	0.012		
21600	0.009		
22500	0.01		
23400	0.009		
24300	0.01		
25200	0.009		
26100	0.009		
27000	0.009		
27900	0.009		
28800	0.009		
29700	0.009		
30600	0.009		
31500	0.009		
32400	0.009		
33300	0.01		
34200	0.01		
35100	0.01		
36000	0.01		
36900	0.009		
37800	0.009		
38700	0.009		

Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530134905
Firmware Version	3
Calibration Date	12/9/2013
Test Name	UTC EAST_002
Test Start Time	7:13:54 AM
Test Start Date	8/19/2014
Test Length [D:H:M]	0:04:00
Test Interval [M:S]	15:00
Mass Average [mg/m3]	0.01
Mass Minimum [mg/m3]	0.008
Mass Maximum [mg/m3]	0.038
Mass TWA [mg/m3]	0.005
Photometric User Cal	1
Flow User Cal	0
Errors	Flow Error
Number of Samples	16

Elapsed Time [s]	Mass [mg/m3]	Alarms	Errors
900	0.038		
1800	0.008		
2700	0.008		
3600	0.008		
4500	0.008		
5400	0.008		
6300	0.008		
7200	0.008		
8100	0.008		
9000	0.008		
9900	0.008		
10800	0.008		
11700	0.009		
12600	0.009		
13500	0.009		
14400	0.01		

Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530134905
Firmware Version	3
Calibration Date	12/9/2013
Test Name	UTC EAST_001
Test Start Time	6:44:42 AM
Test Start Date	8/20/2014
Test Length [D:H:M]	0:08:15
Test Interval [M:S]	15:00
Mass Average [mg/m3]	0.052
Mass Minimum [mg/m3]	0.017
Mass Maximum [mg/m3]	0.084
Mass TWA [mg/m3]	0.052
Photometric User Cal	1
Flow User Cal	0
Errors	
Number of Samples	33

Elapsed Time [s]	Mass [mg/m3]	Alarms	Errors
900	0.018		
1800	0.017		
2700	0.024		
3600	0.028		
4500	0.024		
5400	0.03		
6300	0.029		
7200	0.032		
8100	0.033		
9000	0.037		
9900	0.04		
10800	0.042		
11700	0.053		
12600	0.055		
13500	0.06		
14400	0.058		
15300	0.063		
16200	0.063		
17100	0.062		
18000	0.062		
18900	0.058		
19800	0.059		
20700	0.06		
21600	0.064		
22500	0.064		
23400	0.063		
24300	0.067		
25200	0.071		
26100	0.068		
27000	0.084		
27900	0.083		
28800	0.081		
29700	0.06		

Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530134905
Firmware Version	3
Calibration Date	12/9/2013
Test Name	UTC EAST_002
Test Start Time	6:59:35 AM
Test Start Date	8/21/2014
Test Length [D:H:M]	0:08:00
Test Interval [M:S]	15:00
Mass Average [mg/m3]	0.022
Mass Minimum [mg/m3]	0.008
Mass Maximum [mg/m3]	0.046
Mass TWA [mg/m3]	0.022
Photometric User Cal	1
Flow User Cal	0
Errors	
Number of Samples	32

Elapsed Time [s]	Mass [mg/m3]	Alarms	Errors
900	0.032		
1800	0.027		
2700	0.035		
3600	0.038		
4500	0.046		
5400	0.041		
6300	0.041		
7200	0.045		
8100	0.041		
9000	0.036		
9900	0.035		
10800	0.037		
11700	0.032		
12600	0.018		
13500	0.019		
14400	0.008		
15300	0.008		
16200	0.008		
17100	0.009		
18000	0.009		
18900	0.008		
19800	0.008		
20700	0.009		
21600	0.01		
22500	0.01		
23400	0.011		
24300	0.011		
25200	0.012		
26100	0.011		
27000	0.011		
27900	0.027		
28800	0.022		

Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530134905
Firmware Version	3
Calibration Date	12/9/2013
Test Name	UTC EAST_001
Test Start Time	8:55:13 AM
Test Start Date	8/22/2014
Test Length [D:H:M]	0:05:45
Test Interval [M:S]	15:00
Mass Average [mg/m3]	0.015
Mass Minimum [mg/m3]	0.013
Mass Maximum [mg/m3]	0.017
Mass TWA [mg/m3]	0.01
Photometric User Cal	1
Flow User Cal	0
Errors	
Number of Samples	23

Elapsed Time [s]	Mass [mg/m3]	Alarms	Errors
900	0.015		
1800	0.013		
2700	0.014		
3600	0.013		
4500	0.013		
5400	0.013		
6300	0.013		
7200	0.013		
8100	0.013		
9000	0.014		
9900	0.015		
10800	0.015		
11700	0.015		
12600	0.016		
13500	0.016		
14400	0.015		
15300	0.015		
16200	0.013		
17100	0.016		
18000	0.017		
18900	0.017		
19800	0.017		
20700	0.015		

Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530134905
Firmware Version	3
Calibration Date	12/9/2013
Test Name	UTC EAST_001
Test Start Time	7:27:53 AM
Test Start Date	8/25/2014
Test Length [D:H:M]	0:09:30
Test Interval [M:S]	15:00
Mass Average [mg/m3]	0.016
Mass Minimum [mg/m3]	0.013
Mass Maximum [mg/m3]	0.036
Mass TWA [mg/m3]	0.016
Photometric User Cal	1
Flow User Cal	0
Errors	Flow Error
Number of Samples	38

Elapsed Time [s]	Mass [mg/m3]	Alarms	Errors
900	0.036		
1800	0.016		
2700	0.029		
3600	0.016		
4500	0.015		
5400	0.014		
6300	0.014		
7200	0.014		
8100	0.014		
9000	0.015		
9900	0.015		
10800	0.015		
11700	0.016		
12600	0.017		
13500	0.016		
14400	0.015		
15300	0.015		
16200	0.015		
17100	0.015		
18000	0.015		
18900	0.015		
19800	0.015		
20700	0.015		
21600	0.015		
22500	0.015		
23400	0.015		
24300	0.015		
25200	0.015		
26100	0.015		
27000	0.017		
27900	0.013		
28800	0.013		
29700	0.014		
30600	0.015		
31500	0.015		
32400	0.014		
33300	0.014		
34200	0.014		

Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530134905
Firmware Version	3
Calibration Date	12/9/2013
Test Name	UTC EAST_002
Test Start Time	7:19:39 AM
Test Start Date	8/26/2014
Test Length [D:H:M]	0:12:20
Test Interval [M:S]	15:00
Mass Average [mg/m3]	0.015
Mass Minimum [mg/m3]	0
Mass Maximum [mg/m3]	0.021
Mass TWA [mg/m3]	0
Photometric User Cal	1
Flow User Cal	0
Errors	
Number of Samples	44

Elapsed Time [s]	Mass [mg/m3]	Alarms	Errors
900	0.02		
1800	0.019		
2700	0.021		
3600	0.019		
4500	0.019		
5400	0.018		
6300	0.019		
7200	0.021		
8100	0.02		
9000	0.02		
9900	0.02		
10800	0.02		
11700	0.02		
12600	0.02		
13500	0.019		
14400	0.018		
15300	0.018		
16200	0.018		
17100	0.016		
18000	0.016		
18900	0.016		
19800	0.016		
20700	0.016		
21600	0.016		
22500	0.016		
23400	0.015		
24300	0.015		
25200	0.014		
26100	0.014		
27000	0.012		
27900	0.011		
28800	0.02		
29700	0.014		
30600	0.01		
31500	0.009		
32400	0.009		
33300	0.008		
34200	0.008		
35100	0.008		
36000	0.01		
36900	0.01		
37800	0.01		
38700	0.01		
44414	0		

Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530134905
Firmware Version	3
Calibration Date	12/9/2013
Test Name	UTC EAST_003
Test Start Time	10:58:52 AM
Test Start Date	8/27/2014
Test Length [D:H:M]	0:06:45
Test Interval [M:S]	15:00
Mass Average [mg/m3]	0.017
Mass Minimum [mg/m3]	0.006
Mass Maximum [mg/m3]	0.047
Mass TWA [mg/m3]	0.015
Photometric User Cal	1
Flow User Cal	0
Errors	
Number of Samples	27

Elapsed Time [s]	Mass [mg/m3]	Alarms	Errors
900	0.047		
1800	0.038		
2700	0.029		
3600	0.022		
4500	0.021		
5400	0.02		
6300	0.019		
7200	0.018		
8100	0.017		
9000	0.017		
9900	0.017		
10800	0.019		
11700	0.019		
12600	0.019		
13500	0.018		
14400	0.017		
15300	0.016		
16200	0.016		
17100	0.012		
18000	0.009		
18900	0.008		
19800	0.007		
20700	0.008		
21600	0.009		
22500	0.01		
23400	0.009		
24300	0.006		

Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530134905
Firmware Version	3
Calibration Date	12/9/2013
Test Name	UTC EAST_004
Test Start Time	6:21:17 AM
Test Start Date	8/28/2014
Test Length [D:H:M]	0:11:15
Test Interval [M:S]	15:00
Mass Average [mg/m3]	0.007
Mass Minimum [mg/m3]	0.004
Mass Maximum [mg/m3]	0.013
Mass TWA [mg/m3]	0.008
Photometric User Cal	1
Flow User Cal	0
Errors	
Number of Samples	45

Elapsed Time [s]	Mass [mg/m3]	Alarms	Errors
900	0.004		
1800	0.004		
2700	0.004		
3600	0.005		
4500	0.005		
5400	0.005		
6300	0.006		
7200	0.006		
8100	0.006		
9000	0.006		
9900	0.006		
10800	0.008		
11700	0.008		
12600	0.009		
13500	0.01		
14400	0.011		
15300	0.013		
16200	0.013		
17100	0.012		
18000	0.013		
18900	0.012		
19800	0.01		
20700	0.009		
21600	0.008		
22500	0.006		
23400	0.007		
24300	0.008		
25200	0.007		
26100	0.008		
27000	0.006		
27900	0.005		
28800	0.004		
29700	0.005		
30600	0.004		
31500	0.004		
32400	0.004		
33300	0.004		
34200	0.005		
35100	0.004		
36000	0.005		
36900	0.005		
37800	0.006		
38700	0.006		
39600	0.006		
40500	0.007		

Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530134905
Firmware Version	3
Calibration Date	12/9/2013
Test Name	UTC EAST_005
Test Start Time	6:16:35 AM
Test Start Date	8/29/2014
Test Length [D:H:M]	0:06:15
Test Interval [M:S]	15:00
Mass Average [mg/m3]	0.007
Mass Minimum [mg/m3]	0.002
Mass Maximum [mg/m3]	0.011
Mass TWA [mg/m3]	0.005
Photometric User Cal	1
Flow User Cal	0
Errors	
Number of Samples	25

Elapsed Time [s]	Mass [mg/m3]	Alarms	Errors
900	0.008		
1800	0.007		
2700	0.007		
3600	0.008		
4500	0.01		
5400	0.01		
6300	0.01		
7200	0.01		
8100	0.008		
9000	0.009		
9900	0.007		
10800	0.011		
11700	0.01		
12600	0.007		
13500	0.007		
14400	0.006		
15300	0.007		
16200	0.006		
17100	0.006		
18000	0.006		
18900	0.005		
19800	0.004		
20700	0.003		
21600	0.002		
22500	0.002		

Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530134905
Firmware Version	3
Calibration Date	12/9/2013
Test Name	UTC EAST_001
Test Start Time	9:58:35 AM
Test Start Date	9/3/2014
Test Length [D:H:M]	0:07:00
Test Interval [M:S]	15:00
Mass Average [mg/m3]	0.021
Mass Minimum [mg/m3]	0.013
Mass Maximum [mg/m3]	0.047
Mass TWA [mg/m3]	0.018
Photometric User Cal	1
Flow User Cal	0
Errors	
Number of Samples	28

Elapsed Time [s]	Mass [mg/m3]	Alarms	Errors
900	0.047		
1800	0.044		
2700	0.036		
3600	0.032		
4500	0.027		
5400	0.025		
6300	0.022		
7200	0.019		
8100	0.02		
9000	0.019		
9900	0.019		
10800	0.017		
11700	0.019		
12600	0.018		
13500	0.017		
14400	0.017		
15300	0.017		
16200	0.019		
17100	0.017		
18000	0.017		
18900	0.015		
19800	0.014		
20700	0.014		
21600	0.013		
22500	0.013		
23400	0.013		
24300	0.014		
25200	0.013		

Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530134905
Firmware Version	3
Calibration Date	12/9/2013
Test Name	UTC EAST_002
Test Start Time	7:36:26 AM
Test Start Date	9/4/2014
Test Length [D:H:M]	0:09:15
Test Interval [M:S]	15:00
Mass Average [mg/m3]	0.028
Mass Minimum [mg/m3]	0.015
Mass Maximum [mg/m3]	0.044
Mass TWA [mg/m3]	0.027
Photometric User Cal	1
Flow User Cal	0
Errors	
Number of Samples	37

Elapsed Time [s]	Mass [mg/m3]	Alarms	Errors
900	0.016		
1800	0.015		
2700	0.019		
3600	0.021		
4500	0.021		
5400	0.022		
6300	0.02		
7200	0.021		
8100	0.024		
9000	0.023		
9900	0.023		
10800	0.023		
11700	0.024		
12600	0.022		
13500	0.023		
14400	0.032		
15300	0.03		
16200	0.03		
17100	0.028		
18000	0.029		
18900	0.035		
19800	0.033		
20700	0.034		
21600	0.038		
22500	0.041		
23400	0.038		
24300	0.036		
25200	0.044		
26100	0.036		
27000	0.031		
27900	0.024		
28800	0.024		
29700	0.033		
30600	0.033		
31500	0.031		
32400	0.03		
33300	0.032		

Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530134905
Firmware Version	3
Calibration Date	12/9/2013
Test Name	UTC EAST_001
Test Start Time	7:43:19 AM
Test Start Date	9/5/2014
Test Length [D:H:M]	0:07:30
Test Interval [M:S]	15:00
Mass Average [mg/m3]	0.039
Mass Minimum [mg/m3]	0.031
Mass Maximum [mg/m3]	0.05
Mass TWA [mg/m3]	0.037
Photometric User Cal	1
Flow User Cal	0
Errors	
Number of Samples	30

Elapsed Time [s]	Mass [mg/m3]	Alarms	Errors
900	0.045		
1800	0.045		
2700	0.05		
3600	0.044		
4500	0.039		
5400	0.04		
6300	0.039		
7200	0.042		
8100	0.042		
9000	0.042		
9900	0.042		
10800	0.041		
11700	0.042		
12600	0.042		
13500	0.043		
14400	0.042		
15300	0.043		
16200	0.043		
17100	0.038		
18000	0.035		
18900	0.035		
19800	0.036		
20700	0.033		
21600	0.031		
22500	0.034		
23400	0.031		
24300	0.034		
25200	0.033		
26100	0.034		
27000	0.036		

Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530134905
Firmware Version	3
Calibration Date	12/9/2013
Test Name	UTC EAST_001
Test Start Time	8:08:12 AM
Test Start Date	9/8/2014
Test Length [D:H:M]	0:07:30
Test Interval [M:S]	15:00
Mass Average [mg/m3]	0.005
Mass Minimum [mg/m3]	0.002
Mass Maximum [mg/m3]	0.011
Mass TWA [mg/m3]	0.004
Photometric User Cal	1
Flow User Cal	0
Errors	Flow Error
Number of Samples	30

Elapsed Time [s]	Mass [mg/m3]	Alarms	Errors
900	0.011		
1800	0.007		
2700	0.006		
3600	0.006		
4500	0.007		
5400	0.007		
6300	0.007		
7200	0.006		
8100	0.006		
9000	0.006		
9900	0.006		
10800	0.006		
11700	0.006		
12600	0.006		
13500	0.005		
14400	0.005		
15300	0.005		
16200	0.003		
17100	0.003		
18000	0.003		
18900	0.003		
19800	0.002		
20700	0.002		
21600	0.002		
22500	0.002		
23400	0.002		
24300	0.003		
25200	0.002		
26100	0.002		
27000	0.002		

Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530134905
Firmware Version	3
Calibration Date	12/9/2013
Test Name	UTC EAST_002
Test Start Time	7:59:00 AM
Test Start Date	9/9/2014
Test Length [D:H:M]	0:08:15
Test Interval [M:S]	15:00
Mass Average [mg/m3]	0.007
Mass Minimum [mg/m3]	0.005
Mass Maximum [mg/m3]	0.012
Mass TWA [mg/m3]	0.007
Photometric User Cal	1
Flow User Cal	0
Errors	
Number of Samples	33

Elapsed Time [s]	Mass [mg/m3]	Alarms	Errors
900	0.012		
1800	0.012		
2700	0.012		
3600	0.011		
4500	0.011		
5400	0.01		
6300	0.01		
7200	0.008		
8100	0.007		
9000	0.007		
9900	0.007		
10800	0.007		
11700	0.007		
12600	0.007		
13500	0.007		
14400	0.007		
15300	0.007		
16200	0.007		
17100	0.006		
18000	0.006		
18900	0.006		
19800	0.007		
20700	0.006		
21600	0.005		
22500	0.005		
23400	0.006		
24300	0.006		
25200	0.005		
26100	0.006		
27000	0.006		
27900	0.007		
28800	0.007		
29700	0.006		

Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530134905
Firmware Version	3
Calibration Date	12/9/2013
Test Name	UTC EAST_003
Test Start Time	8:06:25 AM
Test Start Date	9/10/2014
Test Length [D:H:M]	0:10:45
Test Interval [M:S]	15:00
Mass Average [mg/m3]	0.01
Mass Minimum [mg/m3]	0.007
Mass Maximum [mg/m3]	0.014
Mass TWA [mg/m3]	0.01
Photometric User Cal	1
Flow User Cal	0
Errors	
Number of Samples	43

Elapsed Time [s]	Mass [mg/m3]	Alarms	Errors
900	0.009		
1800	0.009		
2700	0.008		
3600	0.009		
4500	0.011		
5400	0.011		
6300	0.013		
7200	0.012		
8100	0.013		
9000	0.013		
9900	0.012		
10800	0.011		
11700	0.011		
12600	0.011		
13500	0.011		
14400	0.012		
15300	0.014		
16200	0.013		
17100	0.011		
18000	0.009		
18900	0.009		
19800	0.009		
20700	0.008		
21600	0.008		
22500	0.007		
23400	0.009		
24300	0.008		
25200	0.009		
26100	0.009		
27000	0.009		
27900	0.009		
28800	0.009		
29700	0.009		
30600	0.009		
31500	0.009		
32400	0.009		
33300	0.009		
34200	0.01		
35100	0.009		
36000	0.01		
36900	0.01		
37800	0.01		
38700	0.01		

Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530134905
Firmware Version	3
Calibration Date	12/9/2013
Test Name	UTC EAST_001
Test Start Time	7:45:35 AM
Test Start Date	9/11/2014
Test Length [D:H:M]	0:09:15
Test Interval [M:S]	15:00
Mass Average [mg/m3]	0.014
Mass Minimum [mg/m3]	0.007
Mass Maximum [mg/m3]	0.027
Mass TWA [mg/m3]	0.015
Photometric User Cal	1
Flow User Cal	0
Errors	
Number of Samples	37

Elapsed Time [s]	Mass [mg/m3]	Alarms	Errors
900	0.024		
1800	0.023		
2700	0.022		
3600	0.021		
4500	0.025		
5400	0.027		
6300	0.026		
7200	0.025		
8100	0.026		
9000	0.025		
9900	0.023		
10800	0.024		
11700	0.022		
12600	0.02		
13500	0.013		
14400	0.01		
15300	0.01		
16200	0.009		
17100	0.008		
18000	0.008		
18900	0.008		
19800	0.009		
20700	0.009		
21600	0.008		
22500	0.008		
23400	0.008		
24300	0.007		
25200	0.008		
26100	0.008		
27000	0.008		
27900	0.007		
28800	0.007		
29700	0.007		
30600	0.007		
31500	0.007		
32400	0.007		
33300	0.007		

Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530134905
Firmware Version	3
Calibration Date	12/9/2013
Test Name	UTC EAST_002
Test Start Time	8:13:49 AM
Test Start Date	9/12/2014
Test Length [D:H:M]	0:04:45
Test Interval [M:S]	15:00
Mass Average [mg/m3]	0.003
Mass Minimum [mg/m3]	0.002
Mass Maximum [mg/m3]	0.006
Mass TWA [mg/m3]	0.002
Photometric User Cal	1
Flow User Cal	0
Errors	
Number of Samples	19

Elapsed Time [s]	Mass [mg/m3]	Alarms	Errors
900	0.004		
1800	0.002		
2700	0.002		
3600	0.006		
4500	0.002		
5400	0.002		
6300	0.002		
7200	0.003		
8100	0.003		
9000	0.003		
9900	0.002		
10800	0.003		
11700	0.003		
12600	0.003		
13500	0.004		
14400	0.004		
15300	0.005		
16200	0.004		
17100	0.004		

Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530134905
Firmware Version	3
Calibration Date	12/9/2013
Test Name	UTC EAST_001
Test Start Time	7:36:56 AM
Test Start Date	9/15/2014
Test Length [D:H:M]	0:09:00
Test Interval [M:S]	15:00
Mass Average [mg/m3]	0.008
Mass Minimum [mg/m3]	0.005
Mass Maximum [mg/m3]	0.033
Mass TWA [mg/m3]	0.008
Photometric User Cal	1
Flow User Cal	0
Errors	
Number of Samples	36

Elapsed Time [s]	Mass [mg/m3]	Alarms	Errors
900	0.006		
1800	0.006		
2700	0.006		
3600	0.017		
4500	0.033		
5400	0.008		
6300	0.009		
7200	0.009		
8100	0.009		
9000	0.009		
9900	0.009		
10800	0.009		
11700	0.01		
12600	0.01		
13500	0.011		
14400	0.01		
15300	0.01		
16200	0.009		
17100	0.007		
18000	0.007		
18900	0.006		
19800	0.006		
20700	0.006		
21600	0.005		
22500	0.005		
23400	0.006		
24300	0.005		
25200	0.005		
26100	0.005		
27000	0.005		
27900	0.005		
28800	0.005		
29700	0.005		
30600	0.006		
31500	0.005		
32400	0.005		

Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530134905
Firmware Version	3
Calibration Date	12/9/2013
Test Name	UTC EAST_002
Test Start Time	7:50:24 AM
Test Start Date	9/17/2014
Test Length [D:H:M]	0:08:45
Test Interval [M:S]	15:00
Mass Average [mg/m3]	0.009
Mass Minimum [mg/m3]	0.007
Mass Maximum [mg/m3]	0.016
Mass TWA [mg/m3]	0.009
Photometric User Cal	1
Flow User Cal	0
Errors	
Number of Samples	35

Elapsed Time [s]	Mass [mg/m3]	Alarms	Errors
900	0.011		
1800	0.01		
2700	0.01		
3600	0.011		
4500	0.012		
5400	0.016		
6300	0.016		
7200	0.013		
8100	0.015		
9000	0.011		
9900	0.01		
10800	0.011		
11700	0.01		
12600	0.009		
13500	0.008		
14400	0.008		
15300	0.008		
16200	0.007		
17100	0.007		
18000	0.007		
18900	0.007		
19800	0.007		
20700	0.007		
21600	0.007		
22500	0.007		
23400	0.007		
24300	0.008		
25200	0.008		
26100	0.008		
27000	0.007		
27900	0.007		
28800	0.008		
29700	0.008		
30600	0.008		
31500	0.009		

Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530134905
Firmware Version	3
Calibration Date	12/9/2013
Test Name	UTC EAST_003
Test Start Time	7:11:27 AM
Test Start Date	9/18/2014
Test Length [D:H:M]	0:09:45
Test Interval [M:S]	15:00
Mass Average [mg/m3]	0.023
Mass Minimum [mg/m3]	0.01
Mass Maximum [mg/m3]	0.037
Mass TWA [mg/m3]	0.026
Photometric User Cal	1
Flow User Cal	0
Errors	
Number of Samples	39

Elapsed Time [s]	Mass [mg/m3]	Alarms	Errors
900	0.023		
1800	0.025		
2700	0.026		
3600	0.026		
4500	0.027		
5400	0.028		
6300	0.03		
7200	0.037		
8100	0.037		
9000	0.032		
9900	0.032		
10800	0.031		
11700	0.031		
12600	0.031		
13500	0.03		
14400	0.03		
15300	0.032		
16200	0.035		
17100	0.035		
18000	0.033		
18900	0.028		
19800	0.026		
20700	0.022		
21600	0.019		
22500	0.017		
23400	0.016		
24300	0.015		
25200	0.013		
26100	0.013		
27000	0.012		
27900	0.014		
28800	0.014		
29700	0.014		
30600	0.013		
31500	0.013		
32400	0.012		
33300	0.011		
34200	0.011		
35100	0.01		

Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530134905
Firmware Version	3
Calibration Date	12/9/2013
Test Name	UTC EAST_004
Test Start Time	7:22:42 AM
Test Start Date	9/19/2014
Test Length [D:H:M]	0:04:45
Test Interval [M:S]	15:00
Mass Average [mg/m3]	0.012
Mass Minimum [mg/m3]	0.008
Mass Maximum [mg/m3]	0.015
Mass TWA [mg/m3]	0.007
Photometric User Cal	1
Flow User Cal	0
Errors	
Number of Samples	19

Elapsed Time [s]	Mass [mg/m3]	Alarms	Errors
900	0.012		
1800	0.011		
2700	0.011		
3600	0.012		
4500	0.013		
5400	0.014		
6300	0.015		
7200	0.015		
8100	0.015		
9000	0.014		
9900	0.014		
10800	0.013		
11700	0.013		
12600	0.013		
13500	0.012		
14400	0.011		
15300	0.01		
16200	0.008		
17100	0.008		

Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530134905
Firmware Version	3
Calibration Date	12/9/2013
Test Name	UTC EAST_001
Test Start Time	11:18:27 AM
Test Start Date	9/22/2014
Test Length [D:H:M]	0:05:30
Test Interval [M:S]	15:00
Mass Average [mg/m3]	-0.001
Mass Minimum [mg/m3]	-0.002
Mass Maximum [mg/m3]	0.002
Mass TWA [mg/m3]	-0.001
Photometric User Cal	1
Flow User Cal	0
Errors	
Number of Samples	22

Elapsed Time [s]	Mass [mg/m3]	Alarms	Errors
900	0.002		
1800	-0.001		
2700	-0.001		
3600	-0.002		
4500	-0.002		
5400	-0.002		
6300	-0.002		
7200	-0.002		
8100	-0.002		
9000	-0.002		
9900	-0.002		
10800	-0.001		
11700	-0.002		
12600	-0.002		
13500	-0.001		
14400	-0.001		
15300	0		
16200	0		
17100	0.001		
18000	0.001		
18900	0.001		
19800	0.002		

Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530134905
Firmware Version	3
Calibration Date	12/9/2013
Test Name	UTC EAST_002
Test Start Time	7:08:08 AM
Test Start Date	9/23/2014
Test Length [D:H:M]	0:09:45
Test Interval [M:S]	15:00
Mass Average [mg/m3]	0.023
Mass Minimum [mg/m3]	0.013
Mass Maximum [mg/m3]	0.041
Mass TWA [mg/m3]	0.022
Photometric User Cal	1
Flow User Cal	0
Errors	
Number of Samples	39

Elapsed Time [s]	Mass [mg/m3]	Alarms	Errors
900	0.013		
1800	0.014		
2700	0.013		
3600	0.014		
4500	0.015		
5400	0.013		
6300	0.013		
7200	0.019		
8100	0.029		
9000	0.021		
9900	0.019		
10800	0.027		
11700	0.041		
12600	0.028		
13500	0.026		
14400	0.036		
15300	0.035		
16200	0.021		
17100	0.019		
18000	0.02		
18900	0.022		
19800	0.018		
20700	0.025		
21600	0.019		
22500	0.017		
23400	0.023		
24300	0.031		
25200	0.022		
26100	0.026		
27000	0.02		
27900	0.023		
28800	0.024		
29700	0.031		
30600	0.02		
31500	0.035		
32400	0.025		
33300	0.025		
34200	0.016		
35100	0.023		

Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530134905
Firmware Version	3
Calibration Date	12/9/2013
Test Name	UTC EAST_003
Test Start Time	7:03:57 AM
Test Start Date	9/24/2014
Test Length [D:H:M]	0:10:00
Test Interval [M:S]	15:00
Mass Average [mg/m3]	0.011
Mass Minimum [mg/m3]	0
Mass Maximum [mg/m3]	0.017
Mass TWA [mg/m3]	0.009
Photometric User Cal	1
Flow User Cal	0
Errors	
Number of Samples	34

Elapsed Time [s]	Mass [mg/m3]	Alarms	Errors
900	0.011		
1800	0.011		
2700	0.013		
3600	0.014		
4500	0.013		
5400	0.012		
6300	0.014		
7200	0.013		
8100	0.013		
9000	0.013		
9900	0.013		
10800	0.013		
11700	0.013		
12600	0.013		
13500	0.014		
14400	0.012		
15300	0.012		
16200	0.011		
17100	0.01		
18000	0.01		
18900	0.009		
19800	0.017		
20700	0.009		
21600	0.008		
22500	0.008		
23400	0.007		
24300	0.007		
30653	0		
31500	0.016		
32400	0.009		
33300	0.008		
34200	0.007		
35100	0.007		
36000	0.007		

Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530113806
Firmware Version	2.8
Calibration Date	9/14/2011
Test Name	UTC EAST_001
Test Start Time	7:25:08 AM
Test Start Date	9/25/2014
Test Length [D:H:M]	0:00:15
Test Interval [M:S]	0:15
Mass Average [mg/m3]	0.02
Mass Minimum [mg/m3]	0.019
Mass Maximum [mg/m3]	0.031
Mass TWA [mg/m3]	0.001
Photometric User Cal	1.03
Flow User Cal	1.03
Errors	
Number of Samples	60

Elapsed Time [s]	Mass [mg/m3]	Alarms	Errors
15	0.031		
30	0.022		
45	0.021		
60	0.02		
75	0.02		
90	0.02		
105	0.02		
120	0.02		
135	0.02		
150	0.02		
165	0.019		
180	0.02		
195	0.02		
210	0.02		
225	0.02		
240	0.019		
255	0.02		
270	0.019		
285	0.019		
300	0.019		
315	0.019		
330	0.019		
345	0.019		
360	0.019		
375	0.019		
390	0.019		
405	0.019		
420	0.019		
435	0.019		
450	0.019		
465	0.019		
480	0.019		
495	0.019		
510	0.019		
525	0.019		
540	0.019		
555	0.02		
570	0.019		
585	0.02		
600	0.019		
615	0.019		
630	0.02		
645	0.019		
660	0.02		
675	0.019		
690	0.02		
705	0.019		
720	0.019		
735	0.019		
750	0.019		
765	0.019		
780	0.019		
795	0.019		
810	0.019		
825	0.019		
840	0.019		
855	0.02		
870	0.02		
885	0.019		
900	0.02		

Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530113806
Firmware Version	2.8
Calibration Date	9/14/2011
Test Name	UTC EAST_002
Test Start Time	8:07:37 AM
Test Start Date	9/26/2014
Test Length [D:H:M]	0:00:15
Test Interval [M:S]	0:15
Mass Average [mg/m3]	0.023
Mass Minimum [mg/m3]	0.021
Mass Maximum [mg/m3]	0.029
Mass TWA [mg/m3]	0.001
Photometric User Cal	1.03
Flow User Cal	1.03
Errors	
Number of Samples	60

Elapsed Time [s]	Mass [mg/m3]	Alarms	Errors
15	0.029		
30	0.022		
45	0.022		
60	0.023		
75	0.023		
90	0.022		
105	0.022		
120	0.021		
135	0.022		
150	0.021		
165	0.023		
180	0.021		
195	0.023		
210	0.022		
225	0.022		
240	0.023		
255	0.022		
270	0.022		
285	0.022		
300	0.024		
315	0.022		
330	0.022		
345	0.022		
360	0.022		
375	0.022		
390	0.023		
405	0.023		
420	0.022		
435	0.022		
450	0.022		
465	0.022		
480	0.023		
495	0.022		
510	0.023		
525	0.022		
540	0.023		
555	0.023		
570	0.023		
585	0.022		
600	0.024		
615	0.022		
630	0.022		
645	0.023		
660	0.023		
675	0.023		
690	0.023		
705	0.023		
720	0.023		
735	0.023		
750	0.023		
765	0.023		
780	0.022		
795	0.023		
810	0.024		
825	0.023		
840	0.023		
855	0.023		
870	0.023		
885	0.024		
900	0.024		

Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530143211
Firmware Version	3
Calibration Date	8/5/2014
Test Name	UTC EAST_001
Test Start Time	7:15:07 AM
Test Start Date	9/29/2014
Test Length [D:H:M]	0:10:01
Test Interval [M:S]	15:00
Mass Average [mg/m3]	0.021
Mass Minimum [mg/m3]	0
Mass Maximum [mg/m3]	0.044
Mass TWA [mg/m3]	0
Photometric User Cal	1
Flow User Cal	0
Errors	
Number of Samples	36

Elapsed Time [s]	Mass [mg/m3]	Alarms	Errors
900	0.044		
1800	0.03		
2700	0.029		
3600	0.031		
4500	0.033		
5400	0.034		
6300	0.034		
7200	0.032		
8100	0.032		
9000	0.034		
9900	0.032		
10800	0.033		
11700	0.032		
12600	0.033		
13500	0.034		
14400	0.031		
15300	0.027		
16200	0.022		
17100	0.019		
18000	0.016		
18900	0.013		
19800	0.01		
20700	0.009		
21600	0.01		
22500	0.01		
23400	0.01		
24300	0.01		
25200	0.008		
26100	0.008		
27000	0.007		
27900	0.007		
28800	0.008		
29700	0.008		
30600	0.006		
31500	0.004		
36073	0		

Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530143211
Firmware Version	3
Calibration Date	8/5/2014
Test Name	UTC EAST_002
Test Start Time	7:14:14 AM
Test Start Date	9/30/2014
Test Length [D:H:M]	0:08:00
Test Interval [M:S]	15:00
Mass Average [mg/m3]	0.027
Mass Minimum [mg/m3]	0.014
Mass Maximum [mg/m3]	0.08
Mass TWA [mg/m3]	0.027
Photometric User Cal	1
Flow User Cal	0
Errors	
Number of Samples	32

Elapsed Time [s]	Mass [mg/m3]	Alarms	Errors
900	0.016		
1800	0.015		
2700	0.014		
3600	0.015		
4500	0.015		
5400	0.015		
6300	0.019		
7200	0.021		
8100	0.021		
9000	0.023		
9900	0.025		
10800	0.03		
11700	0.033		
12600	0.028		
13500	0.028		
14400	0.028		
15300	0.033		
16200	0.036		
17100	0.036		
18000	0.033		
18900	0.028		
19800	0.027		
20700	0.025		
21600	0.024		
22500	0.023		
23400	0.024		
24300	0.023		
25200	0.03		
26100	0.08		
27000	0.028		
27900	0.028		
28800	0.03		

Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530143211
Firmware Version	3
Calibration Date	8/5/2014
Test Name	UTC EAST_003
Test Start Time	8:21:00 AM
Test Start Date	10/1/2014
Test Length [D:H:M]	0:06:30
Test Interval [M:S]	15:00
Mass Average [mg/m3]	0.028
Mass Minimum [mg/m3]	0.012
Mass Maximum [mg/m3]	0.054
Mass TWA [mg/m3]	0.023
Photometric User Cal	1
Flow User Cal	0
Errors	
Number of Samples	26

Elapsed Time [s]	Mass [mg/m3]	Alarms	Errors
900	0.054		
1800	0.05		
2700	0.047		
3600	0.042		
4500	0.037		
5400	0.036		
6300	0.035		
7200	0.037		
8100	0.033		
9000	0.03		
9900	0.029		
10800	0.029		
11700	0.029		
12600	0.028		
13500	0.025		
14400	0.031		
15300	0.029		
16200	0.02		
17100	0.019		
18000	0.017		
18900	0.016		
19800	0.014		
20700	0.015		
21600	0.013		
22500	0.012		
23400	0.013		

Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530143211
Firmware Version	3
Calibration Date	8/5/2014
Test Name	UTC EAST_004
Test Start Time	9:09:33 AM
Test Start Date	10/2/2014
Test Length [D:H:M]	0:08:00
Test Interval [M:S]	15:00
Mass Average [mg/m3]	0.01
Mass Minimum [mg/m3]	0
Mass Maximum [mg/m3]	0.045
Mass TWA [mg/m3]	0.01
Photometric User Cal	1
Flow User Cal	0
Errors	
Number of Samples	32

Elapsed Time [s]	Mass [mg/m3]	Alarms	Errors
900	0.018		
1800	0.017		
2700	0.015		
3600	0.012		
4500	0.012		
5400	0.009		
6300	0.009		
7200	0.01		
8100	0.01		
9000	0.014		
9900	0.009		
10800	0.011		
11700	0.013		
12600	0.023		
13500	0.024		
14400	0.017		
15300	0.013		
16200	0.012		
17100	0.007		
18000	0.009		
18900	0.004		
19800	0.01		
20700	0.001		
21600	0.002		
22500	0.002		
23400	0.002		
24300	0.045		
25200	0.001		
26100	0.001		
27000	0		
27900	0		
28800	0.001		

Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530143211
Firmware Version	3
Calibration Date	8/5/2014
Test Name	UTC EAST_005
Test Start Time	7:23:19 AM
Test Start Date	10/3/2014
Test Length [D:H:M]	0:08:15
Test Interval [M:S]	15:00
Mass Average [mg/m3]	0.017
Mass Minimum [mg/m3]	0.008
Mass Maximum [mg/m3]	0.025
Mass TWA [mg/m3]	0.017
Photometric User Cal	1
Flow User Cal	0
Errors	
Number of Samples	33

Elapsed Time [s]	Mass [mg/m3]	Alarms	Errors
900	0.015		
1800	0.008		
2700	0.009		
3600	0.008		
4500	0.009		
5400	0.011		
6300	0.012		
7200	0.012		
8100	0.013		
9000	0.015		
9900	0.015		
10800	0.017		
11700	0.02		
12600	0.021		
13500	0.022		
14400	0.025		
15300	0.022		
16200	0.023		
17100	0.023		
18000	0.024		
18900	0.023		
19800	0.022		
20700	0.023		
21600	0.023		
22500	0.022		
23400	0.02		
24300	0.018		
25200	0.018		
26100	0.018		
27000	0.017		
27900	0.015		
28800	0.015		
29700	0.014		

Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530143211
Firmware Version	3
Calibration Date	8/5/2014
Test Name	UTC EAST_001
Test Start Time	7:24:17 AM
Test Start Date	10/6/2014
Test Length [D:H:M]	0:09:00
Test Interval [M:S]	15:00
Mass Average [mg/m3]	0
Mass Minimum [mg/m3]	-0.011
Mass Maximum [mg/m3]	0.022
Mass TWA [mg/m3]	0.001
Photometric User Cal	1
Flow User Cal	0
Errors	
Number of Samples	36

Elapsed Time [s]	Mass [mg/m3]	Alarms	Errors
900	0.022		
1800	0.016		
2700	0.013		
3600	0.011		
4500	0.009		
5400	0.008		
6300	0.008		
7200	0.007		
8100	0.007		
9000	0.007		
9900	0.006		
10800	0.004		
11700	0.003		
12600	0.004		
13500	0.003		
14400	0.001		
15300	0		
16200	-0.001		
17100	-0.001		
18000	-0.004		
18900	-0.005		
19800	-0.006		
20700	-0.008		
21600	-0.009		
22500	-0.008		
23400	-0.008		
24300	-0.005		
25200	-0.009		
26100	-0.008		
27000	-0.009		
27900	-0.01		
28800	-0.01		
29700	-0.01		
30600	-0.005		
31500	-0.006		
32400	-0.011		

Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530143211
Firmware Version	3
Calibration Date	8/5/2014
Test Name	UTC EAST_002
Test Start Time	8:35:17 AM
Test Start Date	10/7/2014
Test Length [D:H:M]	0:08:45
Test Interval [M:S]	15:00
Mass Average [mg/m3]	0.009
Mass Minimum [mg/m3]	0.003
Mass Maximum [mg/m3]	0.014
Mass TWA [mg/m3]	0.01
Photometric User Cal	1
Flow User Cal	0
Errors	
Number of Samples	35

Elapsed Time [s]	Mass [mg/m3]	Alarms	Errors
900	0.014		
1800	0.013		
2700	0.013		
3600	0.012		
4500	0.012		
5400	0.013		
6300	0.013		
7200	0.014		
8100	0.013		
9000	0.012		
9900	0.013		
10800	0.013		
11700	0.011		
12600	0.012		
13500	0.009		
14400	0.009		
15300	0.009		
16200	0.009		
17100	0.008		
18000	0.008		
18900	0.007		
19800	0.008		
20700	0.009		
21600	0.007		
22500	0.006		
23400	0.007		
24300	0.005		
25200	0.006		
26100	0.008		
27000	0.004		
27900	0.004		
28800	0.003		
29700	0.004		
30600	0.003		
31500	0.004		

Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530143211
Firmware Version	3
Calibration Date	8/5/2014
Test Name	UTC EAST_003
Test Start Time	8:28:28 AM
Test Start Date	10/8/2014
Test Length [D:H:M]	0:08:15
Test Interval [M:S]	15:00
Mass Average [mg/m3]	0.016
Mass Minimum [mg/m3]	0.009
Mass Maximum [mg/m3]	0.031
Mass TWA [mg/m3]	0.016
Photometric User Cal	1
Flow User Cal	0
Errors	
Number of Samples	33

Elapsed Time [s]	Mass [mg/m3]	Alarms	Errors
900	0.009		
1800	0.01		
2700	0.011		
3600	0.031		
4500	0.027		
5400	0.016		
6300	0.017		
7200	0.014		
8100	0.013		
9000	0.019		
9900	0.016		
10800	0.014		
11700	0.014		
12600	0.015		
13500	0.014		
14400	0.014		
15300	0.013		
16200	0.014		
17100	0.014		
18000	0.013		
18900	0.015		
19800	0.016		
20700	0.021		
21600	0.022		
22500	0.021		
23400	0.022		
24300	0.019		
25200	0.019		
26100	0.018		
27000	0.015		
27900	0.013		
28800	0.013		
29700	0.013		

Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530143211
Firmware Version	3
Calibration Date	8/5/2014
Test Name	UTC EAST_004
Test Start Time	7:12:59 AM
Test Start Date	10/9/2014
Test Length [D:H:M]	0:10:11
Test Interval [M:S]	15:00
Mass Average [mg/m3]	0.007
Mass Minimum [mg/m3]	0
Mass Maximum [mg/m3]	0.018
Mass TWA [mg/m3]	0
Photometric User Cal	1
Flow User Cal	0
Errors	Flow Error
Number of Samples	35

Elapsed Time [s]	Mass [mg/m3]	Alarms	Errors
900	0.017		
1800	0.016		
2700	0.017		
3600	0.017		
4500	0.016		
5400	0.015		
6300	0.014		
7200	0.018		
8100	0.015		
9000	0.012		
9900	0.01		
10800	0.007		
11700	0.007		
12600	0.007		
13500	0.009		
14400	0.006		
15300	0.005		
16200	0.005		
17100	0.004		
18000	0.005		
18900	0.004		
19800	0.004		
20700	0.003		
21600	0.002		
22500	0.001		
23400	0.001		
24300	0.001		
25200	0.001		
26100	0.002		
27000	0.002		
27900	0.002		
28800	0.001		
29700	0.002		
30600	0.001		Flow Error
36697	0		

Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530143211
Firmware Version	3
Calibration Date	8/5/2014
Test Name	UTC EAST_005
Test Start Time	7:16:34 AM
Test Start Date	10/10/2014
Test Length [D:H:M]	0:05:00
Test Interval [M:S]	15:00
Mass Average [mg/m3]	0.011
Mass Minimum [mg/m3]	0.007
Mass Maximum [mg/m3]	0.013
Mass TWA [mg/m3]	0.007
Photometric User Cal	1
Flow User Cal	0
Errors	
Number of Samples	20

Elapsed Time [s]	Mass [mg/m3]	Alarms	Errors
900	0.012		
1800	0.013		
2700	0.013		
3600	0.011		
4500	0.013		
5400	0.012		
6300	0.011		
7200	0.011		
8100	0.011		
9000	0.012		
9900	0.012		
10800	0.011		
11700	0.011		
12600	0.01		
13500	0.009		
14400	0.008		
15300	0.009		
16200	0.009		
17100	0.007		
18000	0.007		

Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530143211
Firmware Version	3
Calibration Date	8/5/2014
Test Name	UTC EAST_001
Test Start Time	8:05:53 AM
Test Start Date	10/20/2014
Test Length [D:H:M]	0:08:15
Test Interval [M:S]	15:00
Mass Average [mg/m3]	0.008
Mass Minimum [mg/m3]	0.004
Mass Maximum [mg/m3]	0.015
Mass TWA [mg/m3]	0.008
Photometric User Cal	1
Flow User Cal	0
Errors	
Number of Samples	33

Elapsed Time [s]	Mass [mg/m3]	Alarms	Errors
900	0.015		
1800	0.012		
2700	0.011		
3600	0.012		
4500	0.01		
5400	0.008		
6300	0.007		
7200	0.009		
8100	0.008		
9000	0.007		
9900	0.008		
10800	0.007		
11700	0.007		
12600	0.006		
13500	0.006		
14400	0.009		
15300	0.005		
16200	0.006		
17100	0.004		
18000	0.005		
18900	0.01		
19800	0.015		
20700	0.013		
21600	0.006		
22500	0.006		
23400	0.005		
24300	0.007		
25200	0.007		
26100	0.009		
27000	0.009		
27900	0.009		
28800	0.009		
29700	0.008		

Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530143211
Firmware Version	3
Calibration Date	8/5/2014
Test Name	UTC EAST_002
Test Start Time	7:43:41 AM
Test Start Date	10/22/2014
Test Length [D:H:M]	0:10:00
Test Interval [M:S]	15:00
Mass Average [mg/m3]	0.02
Mass Minimum [mg/m3]	0.009
Mass Maximum [mg/m3]	0.04
Mass TWA [mg/m3]	0.022
Photometric User Cal	1
Flow User Cal	0
Errors	
Number of Samples	40

Elapsed Time [s]	Mass [mg/m3]	Alarms	Errors
900	0.039		
1800	0.04		
2700	0.04		
3600	0.039		
4500	0.037		
5400	0.036		
6300	0.034		
7200	0.033		
8100	0.032		
9000	0.031		
9900	0.029		
10800	0.028		
11700	0.026		
12600	0.024		
13500	0.02		
14400	0.016		
15300	0.013		
16200	0.011		
17100	0.013		
18000	0.011		
18900	0.009		
19800	0.01		
20700	0.01		
21600	0.01		
22500	0.012		
23400	0.015		
24300	0.015		
25200	0.016		
26100	0.015		
27000	0.014		
27900	0.012		
28800	0.012		
29700	0.011		
30600	0.012		
31500	0.012		
32400	0.012		
33300	0.013		
34200	0.014		
35100	0.015		
36000	0.015		

Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530143211
Firmware Version	3
Calibration Date	8/5/2014
Test Name	UTC EAST_003
Test Start Time	7:42:46 AM
Test Start Date	10/23/2014
Test Length [D:H:M]	0:09:36
Test Interval [M:S]	15:00
Mass Average [mg/m3]	0.008
Mass Minimum [mg/m3]	0
Mass Maximum [mg/m3]	0.015
Mass TWA [mg/m3]	0.006
Photometric User Cal	1
Flow User Cal	0
Errors	
Number of Samples	23

Elapsed Time [s]	Mass [mg/m3]	Alarms	Errors
900	0.015		
1800	0.014		
2700	0.012		
3600	0.011		
4500	0.01		
5400	0.009		
6300	0.01		
7200	0.01		
8100	0.008		
9000	0.007		
9900	0.007		
10800	0.007		
11700	0.007		
12600	0.006		
13500	0.006		
14400	0.007		
15300	0.007		
16200	0.007		
17100	0.008		
18000	0.007		
18900	0.007		
19800	0.007		
34615	0		

Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530143211
Firmware Version	3
Calibration Date	8/5/2014
Test Name	UTC EAST_004
Test Start Time	7:56:52 AM
Test Start Date	10/24/2014
Test Length [D:H:M]	0:07:00
Test Interval [M:S]	15:00
Mass Average [mg/m3]	0.01
Mass Minimum [mg/m3]	0.006
Mass Maximum [mg/m3]	0.014
Mass TWA [mg/m3]	0.009
Photometric User Cal	1
Flow User Cal	0
Errors	
Number of Samples	28

Elapsed Time [s]	Mass [mg/m3]	Alarms	Errors
900	0.014		
1800	0.012		
2700	0.012		
3600	0.012		
4500	0.013		
5400	0.012		
6300	0.012		
7200	0.012		
8100	0.011		
9000	0.011		
9900	0.011		
10800	0.01		
11700	0.01		
12600	0.01		
13500	0.01		
14400	0.01		
15300	0.01		
16200	0.01		
17100	0.01		
18000	0.009		
18900	0.008		
19800	0.008		
20700	0.007		
21600	0.006		
22500	0.006		
23400	0.006		
24300	0.006		
25200	0.006		

Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530143211
Firmware Version	3
Calibration Date	8/5/2014
Test Name	UTC EAST_001
Test Start Time	7:54:03 AM
Test Start Date	10/27/2014
Test Length [D:H:M]	0:09:15
Test Interval [M:S]	15:00
Mass Average [mg/m3]	0.008
Mass Minimum [mg/m3]	0.002
Mass Maximum [mg/m3]	0.018
Mass TWA [mg/m3]	0.008
Photometric User Cal	1
Flow User Cal	0
Errors	
Number of Samples	37

Elapsed Time [s]	Mass [mg/m3]	Alarms	Errors
900	0.018		
1800	0.018		
2700	0.017		
3600	0.018		
4500	0.014		
5400	0.015		
6300	0.013		
7200	0.012		
8100	0.011		
9000	0.011		
9900	0.009		
10800	0.007		
11700	0.007		
12600	0.008		
13500	0.008		
14400	0.007		
15300	0.008		
16200	0.007		
17100	0.005		
18000	0.005		
18900	0.005		
19800	0.004		
20700	0.004		
21600	0.004		
22500	0.004		
23400	0.005		
24300	0.003		
25200	0.003		
26100	0.004		
27000	0.003		
27900	0.003		
28800	0.002		
29700	0.003		
30600	0.004		
31500	0.004		
32400	0.004		
33300	0.003		

Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530143211
Firmware Version	3
Calibration Date	8/5/2014
Test Name	UTC EAST_002
Test Start Time	7:25:16 AM
Test Start Date	10/28/2014
Test Length [D:H:M]	0:10:15
Test Interval [M:S]	15:00
Mass Average [mg/m3]	0.024
Mass Minimum [mg/m3]	0.015
Mass Maximum [mg/m3]	0.038
Mass TWA [mg/m3]	0.022
Photometric User Cal	1
Flow User Cal	0
Errors	
Number of Samples	41

Elapsed Time [s]	Mass [mg/m3]	Alarms	Errors
900	0.017		
1800	0.016		
2700	0.016		
3600	0.016		
4500	0.019		
5400	0.019		
6300	0.017		
7200	0.018		
8100	0.016		
9000	0.016		
9900	0.017		
10800	0.016		
11700	0.017		
12600	0.017		
13500	0.015		
14400	0.017		
15300	0.017		
16200	0.018		
17100	0.022		
18000	0.029		
18900	0.029		
19800	0.03		
20700	0.031		
21600	0.028		
22500	0.031		
23400	0.038		
24300	0.029		
25200	0.028		
26100	0.029		
27000	0.025		
27900	0.025		
28800	0.029		
29700	0.026		
30600	0.028		
31500	0.029		
32400	0.031		
33300	0.03		
34200	0.03		
35100	0.031		
36000	0.034		
36900	0.036		

Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530143211
Firmware Version	3
Calibration Date	8/5/2014
Test Name	UTC EAST_003
Test Start Time	7:43:59 AM
Test Start Date	10/29/2014
Test Length [D:H:M]	0:09:46
Test Interval [M:S]	15:00
Mass Average [mg/m3]	0.015
Mass Minimum [mg/m3]	0
Mass Maximum [mg/m3]	0.039
Mass TWA [mg/m3]	0.015
Photometric User Cal	1
Flow User Cal	0
Errors	
Number of Samples	31

Elapsed Time [s]	Mass [mg/m3]	Alarms	Errors
900	0.039		
1800	0.033		
2700	0.032		
3600	0.03		
4500	0.027		
5400	0.023		
6300	0.02		
7200	0.02		
8100	0.02		
9000	0.018		
9900	0.017		
10800	0.012		
11700	0.008		
12600	0.008		
13500	0.008		
14400	0.008		
15300	0.009		
16200	0.008		
17100	0.007		
18000	0.006		
18900	0.007		
19800	0.008		
20700	0.01		
21600	0.015		
22500	0.016		
23400	0.015		
24300	0.015		
25200	0.014		
26100	0.015		
27000	0.012		
35201	0		

Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530143211
Firmware Version	3
Calibration Date	8/5/2014
Test Name	UTC EAST_004
Test Start Time	8:54:37 AM
Test Start Date	10/30/2014
Test Length [D:H:M]	0:08:30
Test Interval [M:S]	15:00
Mass Average [mg/m3]	0.007
Mass Minimum [mg/m3]	0.005
Mass Maximum [mg/m3]	0.01
Mass TWA [mg/m3]	0.007
Photometric User Cal	1
Flow User Cal	0
Errors	
Number of Samples	34

Elapsed Time [s]	Mass [mg/m3]	Alarms	Errors
900	0.009		
1800	0.01		
2700	0.008		
3600	0.01		
4500	0.01		
5400	0.01		
6300	0.01		
7200	0.008		
8100	0.007		
9000	0.008		
9900	0.007		
10800	0.008		
11700	0.007		
12600	0.006		
13500	0.006		
14400	0.006		
15300	0.006		
16200	0.007		
17100	0.008		
18000	0.008		
18900	0.006		
19800	0.005		
20700	0.006		
21600	0.008		
22500	0.008		
23400	0.008		
24300	0.007		
25200	0.007		
26100	0.006		
27000	0.005		
27900	0.006		
28800	0.007		
29700	0.008		
30600	0.007		

Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530143211
Firmware Version	3
Calibration Date	8/5/2014
Test Name	UTC EAST_005
Test Start Time	7:58:52 AM
Test Start Date	10/31/2014
Test Length [D:H:M]	0:03:45
Test Interval [M:S]	15:00
Mass Average [mg/m3]	0.017
Mass Minimum [mg/m3]	0.013
Mass Maximum [mg/m3]	0.042
Mass TWA [mg/m3]	0.008
Photometric User Cal	1
Flow User Cal	0
Errors	
Number of Samples	15

Elapsed Time [s]	Mass [mg/m3]	Alarms	Errors
900	0.042		
1800	0.018		
2700	0.016		
3600	0.017		
4500	0.017		
5400	0.016		
6300	0.016		
7200	0.015		
8100	0.014		
9000	0.015		
9900	0.014		
10800	0.014		
11700	0.013		
12600	0.015		
13500	0.013		

Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530143211
Firmware Version	3
Calibration Date	8/5/2014
Test Name	UTC EAST_001
Test Start Time	8:22:05 AM
Test Start Date	11/3/2014
Test Length [D:H:M]	0:10:15
Test Interval [M:S]	15:00
Mass Average [mg/m3]	0.012
Mass Minimum [mg/m3]	0.002
Mass Maximum [mg/m3]	0.021
Mass TWA [mg/m3]	0.013
Photometric User Cal	1
Flow User Cal	0
Errors	
Number of Samples	41

Elapsed Time [s]	Mass [mg/m3]	Alarms	Errors
900	0.02		
1800	0.019		
2700	0.021		
3600	0.021		
4500	0.02		
5400	0.019		
6300	0.019		
7200	0.02		
8100	0.02		
9000	0.019		
9900	0.02		
10800	0.019		
11700	0.018		
12600	0.019		
13500	0.018		
14400	0.018		
15300	0.016		
16200	0.015		
17100	0.012		
18000	0.012		
18900	0.012		
19800	0.01		
20700	0.008		
21600	0.003		
22500	0.004		
23400	0.003		
24300	0.002		
25200	0.003		
26100	0.003		
27000	0.003		
27900	0.007		
28800	0.007		
29700	0.004		
30600	0.002		
31500	0.003		
32400	0.003		
33300	0.015		
34200	0.005		
35100	0.005		
36000	0.008		
36900	0.007		

Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530143211
Firmware Version	3
Calibration Date	8/5/2014
Test Name	UTC EAST_002
Test Start Time	7:47:14 AM
Test Start Date	11/4/2014
Test Length [D:H:M]	0:11:00
Test Interval [M:S]	15:00
Mass Average [mg/m3]	0.014
Mass Minimum [mg/m3]	0.009
Mass Maximum [mg/m3]	0.027
Mass TWA [mg/m3]	0.016
Photometric User Cal	1
Flow User Cal	0
Errors	
Number of Samples	44

Elapsed Time [s]	Mass [mg/m3]	Alarms	Errors
900	0.013		
1800	0.018		
2700	0.018		
3600	0.016		
4500	0.013		
5400	0.015		
6300	0.012		
7200	0.013		
8100	0.014		
9000	0.016		
9900	0.017		
10800	0.015		
11700	0.013		
12600	0.011		
13500	0.018		
14400	0.016		
15300	0.019		
16200	0.013		
17100	0.013		
18000	0.014		
18900	0.012		
19800	0.01		
20700	0.01		
21600	0.013		
22500	0.012		
23400	0.015		
24300	0.014		
25200	0.021		
26100	0.027		
27000	0.027		
27900	0.023		
28800	0.019		
29700	0.01		
30600	0.01		
31500	0.013		
32400	0.009		
33300	0.01		
34200	0.01		
35100	0.01		
36000	0.011		
36900	0.011		
37800	0.011		
38700	0.012		
39600	0.011		

Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530143211
Firmware Version	3
Calibration Date	8/5/2014
Test Name	UTC EAST_003
Test Start Time	7:38:37 AM
Test Start Date	11/5/2014
Test Length [D:H:M]	0:11:15
Test Interval [M:S]	15:00
Mass Average [mg/m3]	0.037
Mass Minimum [mg/m3]	0.023
Mass Maximum [mg/m3]	0.055
Mass TWA [mg/m3]	0.037
Photometric User Cal	1
Flow User Cal	0
Errors	
Number of Samples	45

Elapsed Time [s]	Mass [mg/m3]	Alarms	Errors
900	0.037		
1800	0.042		
2700	0.042		
3600	0.041		
4500	0.041		
5400	0.04		
6300	0.04		
7200	0.037		
8100	0.033		
9000	0.032		
9900	0.035		
10800	0.035		
11700	0.042		
12600	0.044		
13500	0.038		
14400	0.036		
15300	0.051		
16200	0.039		
17100	0.047		
18000	0.055		
18900	0.038		
19800	0.033		
20700	0.029		
21600	0.032		
22500	0.031		
23400	0.037		
24300	0.039		
25200	0.03		
26100	0.03		
27000	0.037		
27900	0.03		
28800	0.027		
29700	0.028		
30600	0.034		
31500	0.034		
32400	0.037		
33300	0.036		
34200	0.037		
35100	0.037		
36000	0.037		
36900	0.038		
37800	0.035		
38700	0.036		
39600	0.036		
40500	0.023		

Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530143211
Firmware Version	3
Calibration Date	8/5/2014
Test Name	UTC EAST_004
Test Start Time	8:05:45 AM
Test Start Date	11/6/2014
Test Length [D:H:M]	0:10:00
Test Interval [M:S]	15:00
Mass Average [mg/m3]	0.049
Mass Minimum [mg/m3]	0.033
Mass Maximum [mg/m3]	0.067
Mass TWA [mg/m3]	0.046
Photometric User Cal	1
Flow User Cal	0
Errors	
Number of Samples	40

Elapsed Time [s]	Mass [mg/m3]	Alarms	Errors
900	0.054		
1800	0.052		
2700	0.052		
3600	0.052		
4500	0.053		
5400	0.055		
6300	0.067		
7200	0.059		
8100	0.05		
9000	0.047		
9900	0.047		
10800	0.054		
11700	0.053		
12600	0.043		
13500	0.043		
14400	0.043		
15300	0.039		
16200	0.035		
17100	0.034		
18000	0.034		
18900	0.033		
19800	0.033		
20700	0.035		
21600	0.036		
22500	0.038		
23400	0.041		
24300	0.043		
25200	0.046		
26100	0.051		
27000	0.053		
27900	0.057		
28800	0.051		
29700	0.058		
30600	0.054		
31500	0.053		
32400	0.067		
33300	0.06		
34200	0.058		
35100	0.055		
36000	0.053		

Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530143211
Firmware Version	3
Calibration Date	8/5/2014
Test Name	UTC EAST_005
Test Start Time	8:28:57 AM
Test Start Date	11/8/2014
Test Length [D:H:M]	0:07:30
Test Interval [M:S]	15:00
Mass Average [mg/m3]	0.007
Mass Minimum [mg/m3]	0.004
Mass Maximum [mg/m3]	0.013
Mass TWA [mg/m3]	0.007
Photometric User Cal	1
Flow User Cal	0
Errors	
Number of Samples	30

Elapsed Time [s]	Mass [mg/m3]	Alarms	Errors
900	0.013		
1800	0.012		
2700	0.01		
3600	0.009		
4500	0.01		
5400	0.009		
6300	0.009		
7200	0.008		
8100	0.008		
9000	0.007		
9900	0.007		
10800	0.005		
11700	0.005		
12600	0.004		
13500	0.007		
14400	0.007		
15300	0.007		
16200	0.006		
17100	0.007		
18000	0.007		
18900	0.007		
19800	0.007		
20700	0.007		
21600	0.007		
22500	0.007		
23400	0.006		
24300	0.006		
25200	0.006		
26100	0.005		
27000	0.004		

Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530143211
Firmware Version	3
Calibration Date	8/5/2014
Test Name	UTC EAST_001
Test Start Time	8:13:39 AM
Test Start Date	11/10/2014
Test Length [D:H:M]	0:10:23
Test Interval [M:S]	15:00
Mass Average [mg/m3]	0.015
Mass Minimum [mg/m3]	0
Mass Maximum [mg/m3]	0.027
Mass TWA [mg/m3]	0.015
Photometric User Cal	1
Flow User Cal	0
Errors	
Number of Samples	32

Elapsed Time [s]	Mass [mg/m3]	Alarms	Errors
900	0.023		
1800	0.025		
2700	0.025		
3600	0.027		
4500	0.024		
5400	0.021		
6300	0.02		
7200	0.019		
8100	0.019		
9000	0.019		
9900	0.017		
10800	0.016		
11700	0.015		
12600	0.015		
13500	0.014		
14400	0.014		
15300	0.016		
16200	0.012		
17100	0.012		
18000	0.011		
18900	0.011		
19800	0.011		
20700	0.01		
21600	0.01		
22500	0.011		
23400	0.011		
24300	0.012		
25200	0.011		
26100	0.011		
27000	0.011		
27900	0.01		
37403	0		

Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530143211
Firmware Version	3
Calibration Date	8/5/2014
Test Name	UTC EAST_002
Test Start Time	7:51:59 AM
Test Start Date	11/11/2014
Test Length [D:H:M]	0:11:00
Test Interval [M:S]	15:00
Mass Average [mg/m3]	0.017
Mass Minimum [mg/m3]	0.012
Mass Maximum [mg/m3]	0.022
Mass TWA [mg/m3]	0.017
Photometric User Cal	1
Flow User Cal	0
Errors	
Number of Samples	44

Elapsed Time [s]	Mass [mg/m3]	Alarms	Errors
900	0.021		
1800	0.021		
2700	0.021		
3600	0.021		
4500	0.022		
5400	0.022		
6300	0.021		
7200	0.022		
8100	0.02		
9000	0.021		
9900	0.02		
10800	0.019		
11700	0.019		
12600	0.018		
13500	0.018		
14400	0.018		
15300	0.017		
16200	0.016		
17100	0.015		
18000	0.014		
18900	0.014		
19800	0.013		
20700	0.013		
21600	0.012		
22500	0.013		
23400	0.012		
24300	0.012		
25200	0.013		
26100	0.013		
27000	0.013		
27900	0.014		
28800	0.014		
29700	0.015		
30600	0.016		
31500	0.016		
32400	0.017		
33300	0.016		
34200	0.016		
35100	0.016		
36000	0.018		
36900	0.02		
37800	0.019		
38700	0.019		
39600	0.018		

Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530143211
Firmware Version	3
Calibration Date	8/5/2014
Test Name	UTC EAST_003
Test Start Time	8:37:24 AM
Test Start Date	11/13/2014
Test Length [D:H:M]	0:09:15
Test Interval [M:S]	15:00
Mass Average [mg/m3]	0.022
Mass Minimum [mg/m3]	0.012
Mass Maximum [mg/m3]	0.032
Mass TWA [mg/m3]	0.02
Photometric User Cal	1
Flow User Cal	0
Errors	
Number of Samples	37

Elapsed Time [s]	Mass [mg/m3]	Alarms	Errors
900	0.024		
1800	0.021		
2700	0.021		
3600	0.019		
4500	0.019		
5400	0.019		
6300	0.017		
7200	0.016		
8100	0.018		
9000	0.021		
9900	0.021		
10800	0.019		
11700	0.017		
12600	0.015		
13500	0.014		
14400	0.012		
15300	0.013		
16200	0.014		
17100	0.015		
18000	0.015		
18900	0.017		
19800	0.021		
20700	0.02		
21600	0.02		
22500	0.023		
23400	0.024		
24300	0.029		
25200	0.031		
26100	0.028		
27000	0.028		
27900	0.031		
28800	0.03		
29700	0.025		
30600	0.028		
31500	0.031		
32400	0.032		
33300	0.029		

Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530143211
Firmware Version	3
Calibration Date	8/5/2014
Test Name	UTC EAST_004
Test Start Time	7:51:24 AM
Test Start Date	11/14/2014
Test Length [D:H:M]	0:05:45
Test Interval [M:S]	15:00
Mass Average [mg/m3]	0.019
Mass Minimum [mg/m3]	0.014
Mass Maximum [mg/m3]	0.028
Mass TWA [mg/m3]	0.013
Photometric User Cal	1
Flow User Cal	0
Errors	
Number of Samples	23

Elapsed Time [s]	Mass [mg/m3]	Alarms	Errors
900	0.014		
1800	0.018		
2700	0.02		
3600	0.021		
4500	0.02		
5400	0.02		
6300	0.018		
7200	0.019		
8100	0.018		
9000	0.018		
9900	0.017		
10800	0.016		
11700	0.015		
12600	0.015		
13500	0.016		
14400	0.014		
15300	0.015		
16200	0.015		
17100	0.02		
18000	0.024		
18900	0.028		
19800	0.026		
20700	0.02		

Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530143211
Firmware Version	3
Calibration Date	8/5/2014
Test Name	UTC EAST_001
Test Start Time	8:29:43 AM
Test Start Date	11/18/2014
Test Length [D:H:M]	0:09:15
Test Interval [M:S]	15:00
Mass Average [mg/m3]	0.019
Mass Minimum [mg/m3]	0.014
Mass Maximum [mg/m3]	0.024
Mass TWA [mg/m3]	0.019
Photometric User Cal	1
Flow User Cal	0
Errors	
Number of Samples	37

Elapsed Time [s]	Mass [mg/m3]	Alarms	Errors
900	0.021		
1800	0.023		
2700	0.022		
3600	0.022		
4500	0.021		
5400	0.022		
6300	0.021		
7200	0.024		
8100	0.021		
9000	0.021		
9900	0.022		
10800	0.023		
11700	0.022		
12600	0.02		
13500	0.02		
14400	0.019		
15300	0.019		
16200	0.017		
17100	0.018		
18000	0.017		
18900	0.017		
19800	0.015		
20700	0.015		
21600	0.014		
22500	0.014		
23400	0.015		
24300	0.015		
25200	0.014		
26100	0.015		
27000	0.02		
27900	0.017		
28800	0.019		
29700	0.02		
30600	0.02		
31500	0.021		
32400	0.021		
33300	0.021		

Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530143211
Firmware Version	3
Calibration Date	8/5/2014
Test Name	UTC EAST_002
Test Start Time	8:00:53 AM
Test Start Date	11/19/2014
Test Length [D:H:M]	0:10:45
Test Interval [M:S]	15:00
Mass Average [mg/m3]	0.024
Mass Minimum [mg/m3]	0.017
Mass Maximum [mg/m3]	0.032
Mass TWA [mg/m3]	0.024
Photometric User Cal	1
Flow User Cal	0
Errors	
Number of Samples	43

Elapsed Time [s]	Mass [mg/m3]	Alarms	Errors
900	0.032		
1800	0.021		
2700	0.025		
3600	0.027		
4500	0.028		
5400	0.029		
6300	0.029		
7200	0.031		
8100	0.03		
9000	0.03		
9900	0.03		
10800	0.03		
11700	0.031		
12600	0.029		
13500	0.028		
14400	0.028		
15300	0.028		
16200	0.026		
17100	0.023		
18000	0.021		
18900	0.02		
19800	0.018		
20700	0.018		
21600	0.018		
22500	0.018		
23400	0.018		
24300	0.017		
25200	0.017		
26100	0.017		
27000	0.018		
27900	0.018		
28800	0.019		
29700	0.019		
30600	0.022		
31500	0.022		
32400	0.021		
33300	0.021		
34200	0.023		
35100	0.023		
36000	0.023		
36900	0.022		
37800	0.023		
38700	0.023		

Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530143211
Firmware Version	3
Calibration Date	8/5/2014
Test Name	UTC EAST_001
Test Start Time	9:16:13 AM
Test Start Date	11/24/2014
Test Length [D:H:M]	0:08:15
Test Interval [M:S]	15:00
Mass Average [mg/m3]	0.002
Mass Minimum [mg/m3]	0
Mass Maximum [mg/m3]	0.007
Mass TWA [mg/m3]	0.002
Photometric User Cal	1
Flow User Cal	0
Errors	
Number of Samples	33

Elapsed Time [s]	Mass [mg/m3]	Alarms	Errors
900	0.007		
1800	0		
2700	0		
3600	0		
4500	0		
5400	0.001		
6300	0		
7200	0.001		
8100	0		
9000	0.001		
9900	0.002		
10800	0.001		
11700	0.001		
12600	0.001		
13500	0.001		
14400	0.001		
15300	0.002		
16200	0.001		
17100	0.001		
18000	0.001		
18900	0.001		
19800	0.003		
20700	0.003		
21600	0.002		
22500	0.002		
23400	0.002		
24300	0.002		
25200	0.004		
26100	0.004		
27000	0.004		
27900	0.004		
28800	0.005		
29700	0.006		

Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530143211
Firmware Version	3
Calibration Date	8/5/2014
Test Name	UTC EAST_002
Test Start Time	8:42:30 AM
Test Start Date	11/25/2014
Test Length [D:H:M]	0:07:15
Test Interval [M:S]	15:00
Mass Average [mg/m3]	0.013
Mass Minimum [mg/m3]	0.008
Mass Maximum [mg/m3]	0.06
Mass TWA [mg/m3]	0.012
Photometric User Cal	1
Flow User Cal	0
Errors	
Number of Samples	29

Elapsed Time [s]	Mass [mg/m3]	Alarms	Errors
900	0.06		
1800	0.037		
2700	0.011		
3600	0.02		
4500	0.011		
5400	0.01		
6300	0.01		
7200	0.011		
8100	0.011		
9000	0.011		
9900	0.011		
10800	0.011		
11700	0.012		
12600	0.012		
13500	0.012		
14400	0.01		
15300	0.009		
16200	0.009		
17100	0.009		
18000	0.01		
18900	0.01		
19800	0.01		
20700	0.013		
21600	0.01		
22500	0.009		
23400	0.009		
24300	0.008		
25200	0.008		
26100	0.008		

Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530143211
Firmware Version	3
Calibration Date	8/5/2014
Test Name	UTC EAST_001
Test Start Time	9:34:23 AM
Test Start Date	12/2/2014
Test Length [D:H:M]	0:07:45
Test Interval [M:S]	15:00
Mass Average [mg/m3]	0.007
Mass Minimum [mg/m3]	0.002
Mass Maximum [mg/m3]	0.016
Mass TWA [mg/m3]	0.007
Photometric User Cal	1
Flow User Cal	0
Errors	
Number of Samples	31

Elapsed Time [s]	Mass [mg/m3]	Alarms	Errors
900	0.009		
1800	0.008		
2700	0.008		
3600	0.009		
4500	0.008		
5400	0.007		
6300	0.01		
7200	0.006		
8100	0.007		
9000	0.008		
9900	0.006		
10800	0.005		
11700	0.005		
12600	0.006		
13500	0.005		
14400	0.004		
15300	0.004		
16200	0.005		
17100	0.016		
18000	0.004		
18900	0.002		
19800	0.002		
20700	0.005		
21600	0.003		
22500	0.008		
23400	0.007		
24300	0.008		
25200	0.006		
26100	0.007		
27000	0.011		
27900	0.012		

Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530143211
Firmware Version	3
Calibration Date	8/5/2014
Test Name	UTC EAST_002
Test Start Time	9:35:42 AM
Test Start Date	12/3/2014
Test Length [D:H:M]	0:07:15
Test Interval [M:S]	15:00
Mass Average [mg/m3]	0.023
Mass Minimum [mg/m3]	0.013
Mass Maximum [mg/m3]	0.038
Mass TWA [mg/m3]	0.02
Photometric User Cal	1
Flow User Cal	0
Errors	
Number of Samples	29

Elapsed Time [s]	Mass [mg/m3]	Alarms	Errors
900	0.013		
1800	0.014		
2700	0.014		
3600	0.015		
4500	0.016		
5400	0.023		
6300	0.023		
7200	0.026		
8100	0.032		
9000	0.027		
9900	0.031		
10800	0.038		
11700	0.029		
12600	0.032		
13500	0.022		
14400	0.021		
15300	0.019		
16200	0.02		
17100	0.019		
18000	0.021		
18900	0.025		
19800	0.024		
20700	0.024		
21600	0.022		
22500	0.025		
23400	0.022		
24300	0.02		
25200	0.018		
26100	0.018		

Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530143211
Firmware Version	3
Calibration Date	8/5/2014
Test Name	UTC EAST_003
Test Start Time	10:57:42 AM
Test Start Date	12/4/2014
Test Length [D:H:M]	0:05:45
Test Interval [M:S]	15:00
Mass Average [mg/m3]	0.026
Mass Minimum [mg/m3]	0.019
Mass Maximum [mg/m3]	0.034
Mass TWA [mg/m3]	0.019
Photometric User Cal	1
Flow User Cal	0
Errors	
Number of Samples	23

Elapsed Time [s]	Mass [mg/m3]	Alarms	Errors
900	0.019		
1800	0.02		
2700	0.021		
3600	0.023		
4500	0.027		
5400	0.027		
6300	0.026		
7200	0.026		
8100	0.026		
9000	0.028		
9900	0.028		
10800	0.029		
11700	0.029		
12600	0.03		
13500	0.03		
14400	0.031		
15300	0.032		
16200	0.032		
17100	0.034		
18000	0.024		
18900	0.021		
19800	0.019		
20700	0.019		

Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530143211
Firmware Version	3
Calibration Date	8/5/2014
Test Name	UTC EAST_001
Test Start Time	8:51:07 AM
Test Start Date	12/8/2014
Test Length [D:H:M]	0:09:00
Test Interval [M:S]	15:00
Mass Average [mg/m3]	0.009
Mass Minimum [mg/m3]	0.004
Mass Maximum [mg/m3]	0.019
Mass TWA [mg/m3]	0.01
Photometric User Cal	1
Flow User Cal	0
Errors	
Number of Samples	36

Elapsed Time [s]	Mass [mg/m3]	Alarms	Errors
900	0.019		
1800	0.018		
2700	0.016		
3600	0.016		
4500	0.015		
5400	0.014		
6300	0.014		
7200	0.014		
8100	0.013		
9000	0.012		
9900	0.012		
10800	0.012		
11700	0.01		
12600	0.011		
13500	0.009		
14400	0.009		
15300	0.005		
16200	0.006		
17100	0.006		
18000	0.006		
18900	0.006		
19800	0.006		
20700	0.005		
21600	0.004		
22500	0.005		
23400	0.006		
24300	0.004		
25200	0.005		
26100	0.006		
27000	0.006		
27900	0.007		
28800	0.007		
29700	0.007		
30600	0.007		
31500	0.008		
32400	0.009		

Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530143211
Firmware Version	3
Calibration Date	8/5/2014
Test Name	UTC EAST_002
Test Start Time	8:56:10 AM
Test Start Date	12/9/2014
Test Length [D:H:M]	0:07:45
Test Interval [M:S]	15:00
Mass Average [mg/m3]	0.019
Mass Minimum [mg/m3]	0.009
Mass Maximum [mg/m3]	0.029
Mass TWA [mg/m3]	0.018
Photometric User Cal	1
Flow User Cal	0
Errors	
Number of Samples	31

Elapsed Time [s]	Mass [mg/m3]	Alarms	Errors
900	0.028		
1800	0.028		
2700	0.028		
3600	0.029		
4500	0.028		
5400	0.027		
6300	0.026		
7200	0.024		
8100	0.024		
9000	0.022		
9900	0.02		
10800	0.019		
11700	0.018		
12600	0.018		
13500	0.017		
14400	0.016		
15300	0.016		
16200	0.014		
17100	0.014		
18000	0.014		
18900	0.014		
19800	0.01		
20700	0.011		
21600	0.009		
22500	0.01		
23400	0.012		
24300	0.012		
25200	0.015		
26100	0.016		
27000	0.019		
27900	0.023		

Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530143211
Firmware Version	3
Calibration Date	8/5/2014
Test Name	UTC EAST_003
Test Start Time	9:25:48 AM
Test Start Date	12/12/2014
Test Length [D:H:M]	0:05:00
Test Interval [M:S]	15:00
Mass Average [mg/m3]	0.017
Mass Minimum [mg/m3]	0.014
Mass Maximum [mg/m3]	0.024
Mass TWA [mg/m3]	0.01
Photometric User Cal	1
Flow User Cal	0
Errors	
Number of Samples	20

Elapsed Time [s]	Mass [mg/m3]	Alarms	Errors
900	0.016		
1800	0.014		
2700	0.017		
3600	0.019		
4500	0.018		
5400	0.015		
6300	0.014		
7200	0.014		
8100	0.014		
9000	0.014		
9900	0.015		
10800	0.015		
11700	0.017		
12600	0.019		
13500	0.017		
14400	0.02		
15300	0.02		
16200	0.024		
17100	0.017		
18000	0.016		

NORTHERN CAMP MONITORING STATION DATA

Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530142615
Firmware Version	3
Calibration Date	6/25/2014
Test Name	UTC North_001
Test Start Time	9:18:39 AM
Test Start Date	7/31/2014
Test Length [D:H:M]	0:08:15
Test Interval [M:S]	15:00
Mass Average [mg/m3]	0.029
Mass Minimum [mg/m3]	0.019
Mass Maximum [mg/m3]	0.059
Mass TWA [mg/m3]	0.029
Photometric User Cal	1
Flow User Cal	0
Errors	
Number of Samples	33

Elapsed Time [s]	Mass [mg/m3]	Alarms	Errors
900	0.03		
1800	0.025		
2700	0.025		
3600	0.026		
4500	0.024		
5400	0.025		
6300	0.025		
7200	0.025		
8100	0.024		
9000	0.024		
9900	0.026		
10800	0.026		
11700	0.024		
12600	0.023		
13500	0.024		
14400	0.032		
15300	0.029		
16200	0.032		
17100	0.03		
18000	0.059		
18900	0.041		
19800	0.029		
20700	0.026		
21600	0.028		
22500	0.032		
23400	0.032		
24300	0.031		
25200	0.032		
26100	0.03		
27000	0.03		
27900	0.032		
28800	0.034		
29700	0.019		

Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530142615
Firmware Version	3
Calibration Date	6/25/2014
Test Name	UTC North_002
Test Start Time	7:51:06 AM
Test Start Date	8/1/2014
Test Length [D:H:M]	0:09:30
Test Interval [M:S]	15:00
Mass Average [mg/m3]	0.059
Mass Minimum [mg/m3]	0.052
Mass Maximum [mg/m3]	0.067
Mass TWA [mg/m3]	0.058
Photometric User Cal	1
Flow User Cal	0
Errors	
Number of Samples	38

Elapsed Time [s]	Mass [mg/m3]	Alarms	Errors
900	0.064		
1800	0.064		
2700	0.064		
3600	0.063		
4500	0.064		
5400	0.058		
6300	0.057		
7200	0.056		
8100	0.055		
9000	0.057		
9900	0.059		
10800	0.061		
11700	0.061		
12600	0.06		
13500	0.057		
14400	0.056		
15300	0.055		
16200	0.054		
17100	0.054		
18000	0.054		
18900	0.052		
19800	0.052		
20700	0.054		
21600	0.052		
22500	0.055		
23400	0.056		
24300	0.056		
25200	0.056		
26100	0.058		
27000	0.06		
27900	0.061		
28800	0.062		
29700	0.064		
30600	0.066		
31500	0.065		
32400	0.067		
33300	0.067		
34200	0.066		

Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530113802
Firmware Version	3
Calibration Date	1/28/2013
Test Name	UTC NORTH_002
Test Start Time	9:02:34 AM
Test Start Date	8/4/2014
Test Length [D:H:M]	0:08:00
Test Interval [M:S]	15:00
Mass Average [mg/m3]	0.047
Mass Minimum [mg/m3]	0.037
Mass Maximum [mg/m3]	0.088
Mass TWA [mg/m3]	0.047
Photometric User Cal	1.15
Flow User Cal	0
Errors	
Number of Samples	32

Elapsed Time [s]	Mass [mg/m3]	Alarms	Errors
900	0.088		
1800	0.065		
2700	0.062		
3600	0.061		
4500	0.06		
5400	0.059		
6300	0.053		
7200	0.046		
8100	0.049		
9000	0.049		
9900	0.046		
10800	0.041		
11700	0.038		
12600	0.037		
13500	0.04		
14400	0.04		
15300	0.042		
16200	0.04		
17100	0.041		
18000	0.039		
18900	0.041		
19800	0.043		
20700	0.045		
21600	0.043		
22500	0.043		
23400	0.042		
24300	0.043		
25200	0.044		
26100	0.045		
27000	0.045		
27900	0.045		
28800	0.045		

Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530113802
Firmware Version	3
Calibration Date	1/28/2013
Test Name	UTC NORTH_003
Test Start Time	7:48:45 AM
Test Start Date	8/5/2014
Test Length [D:H:M]	0:09:00
Test Interval [M:S]	15:00
Mass Average [mg/m3]	0.059
Mass Minimum [mg/m3]	0.041
Mass Maximum [mg/m3]	0.077
Mass TWA [mg/m3]	0.059
Photometric User Cal	1.15
Flow User Cal	0
Errors	
Number of Samples	36

Elapsed Time [s]	Mass [mg/m3]	Alarms	Errors
900	0.077		
1800	0.068		
2700	0.064		
3600	0.062		
4500	0.061		
5400	0.058		
6300	0.055		
7200	0.051		
8100	0.05		
9000	0.046		
9900	0.041		
10800	0.047		
11700	0.054		
12600	0.053		
13500	0.055		
14400	0.056		
15300	0.057		
16200	0.057		
17100	0.057		
18000	0.057		
18900	0.054		
19800	0.055		
20700	0.056		
21600	0.057		
22500	0.059		
23400	0.044		
24300	0.067		
25200	0.074		
26100	0.075		
27000	0.072		
27900	0.071		
28800	0.071		
29700	0.07		
30600	0.065		
31500	0.057		
32400	0.044		

Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530113802
Firmware Version	3
Calibration Date	1/28/2013
Test Name	UTC NORTH_004
Test Start Time	7:45:56 AM
Test Start Date	8/6/2014
Test Length [D:H:M]	0:08:45
Test Interval [M:S]	15:00
Mass Average [mg/m3]	0.019
Mass Minimum [mg/m3]	0.007
Mass Maximum [mg/m3]	0.057
Mass TWA [mg/m3]	0.02
Photometric User Cal	1.15
Flow User Cal	0
Errors	
Number of Samples	35

Elapsed Time [s]	Mass [mg/m3]	Alarms	Errors
900	0.057		
1800	0.051		
2700	0.044		
3600	0.038		
4500	0.033		
5400	0.031		
6300	0.028		
7200	0.024		
8100	0.023		
9000	0.02		
9900	0.014		
10800	0.012		
11700	0.013		
12600	0.016		
13500	0.016		
14400	0.015		
15300	0.014		
16200	0.013		
17100	0.014		
18000	0.016		
18900	0.016		
19800	0.015		
20700	0.015		
21600	0.015		
22500	0.013		
23400	0.011		
24300	0.009		
25200	0.008		
26100	0.009		
27000	0.009		
27900	0.008		
28800	0.008		
29700	0.007		
30600	0.007		
31500	0.009		

Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530113802
Firmware Version	3
Calibration Date	1/28/2013
Test Name	UTC NORTH_005
Test Start Time	7:08:45 AM
Test Start Date	8/7/2014
Test Length [D:H:M]	0:09:30
Test Interval [M:S]	15:00
Mass Average [mg/m3]	0.028
Mass Minimum [mg/m3]	0.022
Mass Maximum [mg/m3]	0.039
Mass TWA [mg/m3]	0.028
Photometric User Cal	1.15
Flow User Cal	0
Errors	
Number of Samples	38

Elapsed Time [s]	Mass [mg/m3]	Alarms	Errors
900	0.039		
1800	0.035		
2700	0.034		
3600	0.036		
4500	0.037		
5400	0.035		
6300	0.035		
7200	0.033		
8100	0.031		
9000	0.03		
9900	0.027		
10800	0.026		
11700	0.025		
12600	0.024		
13500	0.025		
14400	0.024		
15300	0.023		
16200	0.022		
17100	0.022		
18000	0.022		
18900	0.022		
19800	0.023		
20700	0.024		
21600	0.026		
22500	0.025		
23400	0.025		
24300	0.024		
25200	0.026		
26100	0.028		
27000	0.026		
27900	0.027		
28800	0.028		
29700	0.027		
30600	0.027		
31500	0.028		
32400	0.025		
33300	0.026		
34200	0.027		

Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530113802
Firmware Version	3
Calibration Date	1/28/2013
Test Name	UTC NORTH_001
Test Start Time	7:23:09 AM
Test Start Date	8/8/2014
Test Length [D:H:M]	0:08:45
Test Interval [M:S]	15:00
Mass Average [mg/m3]	0.018
Mass Minimum [mg/m3]	0.008
Mass Maximum [mg/m3]	0.034
Mass TWA [mg/m3]	0.019
Photometric User Cal	1.15
Flow User Cal	0
Errors	
Number of Samples	35

Elapsed Time [s]	Mass [mg/m3]	Alarms	Errors
900	0.031		
1800	0.029		
2700	0.028		
3600	0.027		
4500	0.03		
5400	0.034		
6300	0.03		
7200	0.027		
8100	0.025		
9000	0.025		
9900	0.027		
10800	0.025		
11700	0.025		
12600	0.023		
13500	0.02		
14400	0.02		
15300	0.017		
16200	0.014		
17100	0.015		
18000	0.012		
18900	0.01		
19800	0.012		
20700	0.011		
21600	0.011		
22500	0.01		
23400	0.01		
24300	0.01		
25200	0.009		
26100	0.01		
27000	0.009		
27900	0.008		
28800	0.009		
29700	0.008		
30600	0.008		
31500	0.008		

Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530113802
Firmware Version	3
Calibration Date	1/28/2013
Test Name	UTC NORTH_002
Test Start Time	6:56:17 AM
Test Start Date	8/11/2014
Test Length [D:H:M]	0:09:30
Test Interval [M:S]	15:00
Mass Average [mg/m3]	0.01
Mass Minimum [mg/m3]	0
Mass Maximum [mg/m3]	0.042
Mass TWA [mg/m3]	0.011
Photometric User Cal	1.15
Flow User Cal	0
Errors	
Number of Samples	38

Elapsed Time [s]	Mass [mg/m3]	Alarms	Errors
900	0.042		
1800	0.027		
2700	0.024		
3600	0.02		
4500	0.018		
5400	0.017		
6300	0.017		
7200	0.017		
8100	0.014		
9000	0.013		
9900	0.012		
10800	0.011		
11700	0.011		
12600	0.013		
13500	0.014		
14400	0.016		
15300	0.018		
16200	0.016		
17100	0.014		
18000	0.008		
18900	0.005		
19800	0		
20700	0		
21600	0		
22500	0		
23400	0		
24300	0.006		
25200	0.001		
26100	0.004		
27000	0.002		
27900	0.003		
28800	0.004		
29700	0.004		
30600	0.007		
31500	0.003		
32400	0.002		
33300	0.003		
34200	0.004		

Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530113802
Firmware Version	3
Calibration Date	1/28/2013
Test Name	UTC NORTH_001
Test Start Time	7:03:39 AM
Test Start Date	8/14/2014
Test Length [D:H:M]	0:09:45
Test Interval [M:S]	15:00
Mass Average [mg/m3]	0.012
Mass Minimum [mg/m3]	0.006
Mass Maximum [mg/m3]	0.018
Mass TWA [mg/m3]	0.011
Photometric User Cal	1.15
Flow User Cal	0
Errors	
Number of Samples	39

Elapsed Time [s]	Mass [mg/m3]	Alarms	Errors
900	0.018		
1800	0.013		
2700	0.012		
3600	0.012		
4500	0.011		
5400	0.01		
6300	0.008		
7200	0.007		
8100	0.007		
9000	0.006		
9900	0.006		
10800	0.008		
11700	0.01		
12600	0.012		
13500	0.012		
14400	0.011		
15300	0.01		
16200	0.011		
17100	0.011		
18000	0.011		
18900	0.012		
19800	0.014		
20700	0.013		
21600	0.013		
22500	0.016		
23400	0.017		
24300	0.014		
25200	0.013		
26100	0.012		
27000	0.012		
27900	0.012		
28800	0.014		
29700	0.015		
30600	0.011		
31500	0.012		
32400	0.012		
33300	0.011		
34200	0.011		
35100	0.009		

Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530113802
Firmware Version	3
Calibration Date	1/28/2013
Test Name	UTC NORTH_001
Test Start Time	6:49:24 AM
Test Start Date	8/18/2014
Test Length [D:H:M]	0:10:45
Test Interval [M:S]	15:00
Mass Average [mg/m3]	0.006
Mass Minimum [mg/m3]	-0.001
Mass Maximum [mg/m3]	0.022
Mass TWA [mg/m3]	0
Photometric User Cal	1.15
Flow User Cal	0
Errors	
Number of Samples	43

Elapsed Time [s]	Mass [mg/m3]	Alarms	Errors
900	0.022		
1800	0.016		
2700	0.017		
3600	0.017		
4500	0.014		
5400	0.014		
6300	0.012		
7200	0.011		
8100	0.011		
9000	0.011		
9900	0.011		
10800	0.011		
11700	0.011		
12600	0.011		
13500	0.01		
14400	0.009		
15300	0.007		
16200	0.006		
17100	0.005		
18000	0.005		
18900	0.007		
19800	0.006		
20700	0.006		
21600	0.004		
22500	0.003		
23400	0.003		
24300	0.004		
25200	0		
26100	-0.001		
27000	-0.001		
27900	0		
28800	0		
29700	0		
30600	0		
31500	0		
32400	-0.001		
33300	0		
34200	0.001		
35100	0.002		
36000	0.003		
36900	0.003		
37800	0.003		
38700	0.004		

Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530113802
Firmware Version	3
Calibration Date	1/28/2013
Test Name	UTC NORTH_002
Test Start Time	7:08:28 AM
Test Start Date	8/19/2014
Test Length [D:H:M]	0:09:43
Test Interval [M:S]	15:00
Mass Average [mg/m3]	0.01
Mass Minimum [mg/m3]	0
Mass Maximum [mg/m3]	0.012
Mass TWA [mg/m3]	0.003
Photometric User Cal	1.15
Flow User Cal	0
Errors	Flow Error
Number of Samples	11

Elapsed Time [s]	Mass [mg/m3]	Alarms	Errors
900	0.012		
1800	0.012		
2700	0.011		
3600	0.012		
4500	0.012		
5400	0.012		
6300	0.01		
7200	0.01		
8100	0.01		
9000	0.008		Flow Error
35012	0		

Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530113802
Firmware Version	3
Calibration Date	1/28/2013
Test Name	UTC NORTH_001
Test Start Time	6:46:25 AM
Test Start Date	8/20/2014
Test Length [D:H:M]	0:08:00
Test Interval [M:S]	15:00
Mass Average [mg/m3]	0.034
Mass Minimum [mg/m3]	0.022
Mass Maximum [mg/m3]	0.051
Mass TWA [mg/m3]	0.034
Photometric User Cal	1.15
Flow User Cal	0
Errors	
Number of Samples	32

Elapsed Time [s]	Mass [mg/m3]	Alarms	Errors
900	0.036		
1800	0.022		
2700	0.023		
3600	0.023		
4500	0.023		
5400	0.024		
6300	0.023		
7200	0.023		
8100	0.023		
9000	0.024		
9900	0.023		
10800	0.026		
11700	0.039		
12600	0.039		
13500	0.038		
14400	0.036		
15300	0.035		
16200	0.036		
17100	0.036		
18000	0.036		
18900	0.036		
19800	0.037		
20700	0.039		
21600	0.039		
22500	0.04		
23400	0.041		
24300	0.043		
25200	0.045		
26100	0.045		
27000	0.047		
27900	0.048		
28800	0.051		

Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530113802
Firmware Version	3
Calibration Date	1/28/2013
Test Name	UTC NORTH_002
Test Start Time	7:01:04 AM
Test Start Date	8/21/2014
Test Length [D:H:M]	0:08:00
Test Interval [M:S]	15:00
Mass Average [mg/m3]	0.014
Mass Minimum [mg/m3]	-0.003
Mass Maximum [mg/m3]	0.057
Mass TWA [mg/m3]	0.014
Photometric User Cal	1.15
Flow User Cal	0
Errors	
Number of Samples	32

Elapsed Time [s]	Mass [mg/m3]	Alarms	Errors
900	0.057		
1800	0.046		
2700	0.044		
3600	0.044		
4500	0.04		
5400	0.038		
6300	0.037		
7200	0.031		
8100	0.028		
9000	0.023		
9900	0.02		
10800	0.019		
11700	0.003		
12600	0.004		
13500	0.001		
14400	0.001		
15300	0.002		
16200	0.003		
17100	0.003		
18000	0.002		
18900	0		
19800	0		
20700	0		
21600	-0.001		
22500	-0.002		
23400	-0.001		
24300	-0.002		
25200	-0.003		
26100	-0.002		
27000	0.002		
27900	0.006		
28800	0.009		

Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530113802
Firmware Version	3
Calibration Date	1/28/2013
Test Name	UTC NORTH_001
Test Start Time	8:49:08 AM
Test Start Date	8/22/2014
Test Length [D:H:M]	0:05:45
Test Interval [M:S]	15:00
Mass Average [mg/m3]	0.015
Mass Minimum [mg/m3]	0.012
Mass Maximum [mg/m3]	0.022
Mass TWA [mg/m3]	0.011
Photometric User Cal	1.15
Flow User Cal	0
Errors	
Number of Samples	23

Elapsed Time [s]	Mass [mg/m3]	Alarms	Errors
900	0.017		
1800	0.014		
2700	0.014		
3600	0.013		
4500	0.013		
5400	0.012		
6300	0.014		
7200	0.013		
8100	0.013		
9000	0.014		
9900	0.014		
10800	0.013		
11700	0.013		
12600	0.013		
13500	0.013		
14400	0.013		
15300	0.013		
16200	0.013		
17100	0.018		
18000	0.02		
18900	0.02		
19800	0.022		
20700	0.02		

Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530113802
Firmware Version	3
Calibration Date	1/28/2013
Test Name	UTC NORTH_001
Test Start Time	7:21:25 AM
Test Start Date	8/25/2014
Test Length [D:H:M]	0:11:20
Test Interval [M:S]	15:00
Mass Average [mg/m3]	0.011
Mass Minimum [mg/m3]	-0.011
Mass Maximum [mg/m3]	0.029
Mass TWA [mg/m3]	0
Photometric User Cal	1.15
Flow User Cal	0
Errors	
Number of Samples	40

Elapsed Time [s]	Mass [mg/m3]	Alarms	Errors
900	0.025		
1800	0.022		
2700	0.022		
3600	0.021		
4500	0.021		
5400	0.021		
6300	0.019		
7200	0.019		
8100	0.017		
9000	0.017		
9900	0.014		
10800	0.015		
11700	0.013		
12600	0.011		
13500	0.01		
14400	0.009		
15300	0.01		
16200	0.01		
17100	0.01		
18000	0.012		
18900	0.011		
19800	0.011		
20700	0.01		
21600	0.009		
22500	0.009		
23400	0.008		
24300	0.009		
25200	0.009		
26100	0.009		
27000	0.007		
27900	0.006		
28800	0.005		
29700	0.029		
37510	0		
37800	-0.009		Flow Error
39015	0		
39463	0		
39600	-0.011		Flow Error
40028	0		
40849	0		

Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530113802
Firmware Version	3
Calibration Date	1/28/2013
Test Name	UTC NORTH_002
Test Start Time	7:11:56 AM
Test Start Date	8/26/2014
Test Length [D:H:M]	0:12:33
Test Interval [M:S]	15:00
Mass Average [mg/m3]	0.004
Mass Minimum [mg/m3]	-0.007
Mass Maximum [mg/m3]	0.022
Mass TWA [mg/m3]	0
Photometric User Cal	1.15
Flow User Cal	0
Errors	
Number of Samples	45

Elapsed Time [s]	Mass [mg/m3]	Alarms	Errors
900	0.022		
1800	0.019		
2700	0.021		
3600	0.02		
4500	0.018		
5400	0.018		
6300	0.017		
7200	0.014		
8100	0.014		
9000	0.012		
9900	0.01		
10800	0.009		
11700	0.009		
12600	0.006		
13500	0.006		
14400	0.004		
15300	0.004		
16200	0.004		
17100	0.003		
18000	0.003		
18900	0		
19800	0		
20700	0.003		
21600	0.001		
22500	0.003		
23400	0.001		
24300	0		
25200	0		
26100	-0.001		
27000	-0.004		
27900	-0.005		
28800	-0.004		
29700	-0.002		
30600	-0.002		
31500	-0.007		
32400	-0.006		
33300	-0.006		
34200	-0.006		
35100	-0.006		
36000	-0.005		
36900	-0.004		
37800	-0.003		
38700	-0.002		
39600	-0.002		
45223	0		

Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530113802
Firmware Version	3
Calibration Date	1/28/2013
Test Name	UTC NORTH_003
Test Start Time	11:02:55 AM
Test Start Date	8/27/2014
Test Length [D:H:M]	0:06:45
Test Interval [M:S]	15:00
Mass Average [mg/m3]	0.014
Mass Minimum [mg/m3]	0
Mass Maximum [mg/m3]	0.05
Mass TWA [mg/m3]	0.012
Photometric User Cal	1.15
Flow User Cal	0
Errors	
Number of Samples	27

Elapsed Time [s]	Mass [mg/m3]	Alarms	Errors
900	0.05		
1800	0.039		
2700	0.027		
3600	0.022		
4500	0.02		
5400	0.019		
6300	0.018		
7200	0.017		
8100	0.015		
9000	0.015		
9900	0.016		
10800	0.017		
11700	0.018		
12600	0.016		
13500	0.015		
14400	0.014		
15300	0.011		
16200	0.01		
17100	0.006		
18000	0.003		
18900	0.002		
19800	0.001		
20700	0.002		
21600	0.004		
22500	0.004		
23400	0.002		
24300	0		

Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530113802
Firmware Version	3
Calibration Date	1/28/2013
Test Name	UTC NORTH_004
Test Start Time	6:14:02 AM
Test Start Date	8/28/2014
Test Length [D:H:M]	0:11:25
Test Interval [M:S]	15:00
Mass Average [mg/m3]	0.007
Mass Minimum [mg/m3]	0
Mass Maximum [mg/m3]	0.015
Mass TWA [mg/m3]	0
Photometric User Cal	1.15
Flow User Cal	0
Errors	Flow Error
Number of Samples	46

Elapsed Time [s]	Mass [mg/m3]	Alarms	Errors
900	0.008		
1800	0.004		
2700	0.003		
4359	0		
4500	0.012		
5400	0.006		
6300	0.006		
7200	0.008		
8100	0.006		
9000	0.006		
9900	0.006		
10800	0.007		
11700	0.009		
12600	0.009		
13500	0.011		
14400	0.012		
15300	0.014		
16200	0.015		
17100	0.015		
18000	0.015		
18900	0.014		
19800	0.013		
20700	0.01		
21600	0.009		
22500	0.007		
23400	0.008		
24300	0.008		
25200	0.008		
26100	0.008		
27000	0.008		
27900	0.006		
28800	0.005		
29700	0.005		
30600	0.006		
31500	0.004		
32400	0.004		
33300	0.004		
34200	0.004		
35100	0.005		
36000	0.005		
36900	0.005		
37800	0.006		
38700	0.006		
39600	0.006		
40500	0.007	Flow Error	
41140	0		

Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530113802
Firmware Version	3
Calibration Date	1/28/2013
Test Name	UTC NORTH_005
Test Start Time	6:09:26 AM
Test Start Date	8/29/2014
Test Length [D:H:M]	0:06:15
Test Interval [M:S]	15:00
Mass Average [mg/m3]	0.004
Mass Minimum [mg/m3]	-0.005
Mass Maximum [mg/m3]	0.014
Mass TWA [mg/m3]	0.003
Photometric User Cal	1.15
Flow User Cal	0
Errors	
Number of Samples	25

Elapsed Time [s]	Mass [mg/m3]	Alarms	Errors
900	0.009		
1800	0.008		
2700	0.009		
3600	0.01		
4500	0.014		
5400	0.011		
6300	0.01		
7200	0.011		
8100	0.01		
9000	0.009		
9900	0.007		
10800	0.005		
11700	0.004		
12600	0.002		
13500	0		
14400	-0.001		
15300	-0.003		
16200	-0.001		
17100	-0.003		
18000	-0.002		
18900	-0.001		
19800	-0.003		
20700	-0.003		
21600	-0.004		
22500	-0.005		

Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530113802
Firmware Version	3
Calibration Date	1/28/2013
Test Name	UTC NORTH_001
Test Start Time	9:54:01 AM
Test Start Date	9/3/2014
Test Length [D:H:M]	0:07:00
Test Interval [M:S]	15:00
Mass Average [mg/m3]	0.007
Mass Minimum [mg/m3]	0
Mass Maximum [mg/m3]	0.037
Mass TWA [mg/m3]	0.006
Photometric User Cal	1.15
Flow User Cal	0
Errors	
Number of Samples	28

Elapsed Time [s]	Mass [mg/m3]	Alarms	Errors
900	0.037		
1800	0.029		
2700	0.025		
3600	0.022		
4500	0.017		
5400	0.014		
6300	0.011		
7200	0.006		
8100	0.005		
9000	0.004		
9900	0.003		
10800	0.002		
11700	0.002		
12600	0.003		
13500	0.001		
14400	0.001		
15300	0.001		
16200	0		
17100	0.002		
18000	0.002		
18900	0.001		
19800	0		
20700	0		
21600	0		
22500	0.001		
23400	0.001		
24300	0.003		
25200	0.003		

Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530113802
Firmware Version	3
Calibration Date	1/28/2013
Test Name	UTC NORTH_002
Test Start Time	7:38:49 AM
Test Start Date	9/4/2014
Test Length [D:H:M]	0:09:00
Test Interval [M:S]	15:00
Mass Average [mg/m3]	0.016
Mass Minimum [mg/m3]	0.005
Mass Maximum [mg/m3]	0.035
Mass TWA [mg/m3]	0.017
Photometric User Cal	1.15
Flow User Cal	0
Errors	
Number of Samples	36

Elapsed Time [s]	Mass [mg/m3]	Alarms	Errors
900	0.017		
1800	0.015		
2700	0.016		
3600	0.015		
4500	0.013		
5400	0.011		
6300	0.01		
7200	0.009		
8100	0.009		
9000	0.006		
9900	0.005		
10800	0.006		
11700	0.014		
12600	0.035		
13500	0.034		
14400	0.034		
15300	0.015		
16200	0.014		
17100	0.012		
18000	0.013		
18900	0.015		
19800	0.014		
20700	0.021		
21600	0.024		
22500	0.035		
23400	0.023		
24300	0.022		
25200	0.021		
26100	0.016		
27000	0.012		
27900	0.007		
28800	0.017		
29700	0.011		
30600	0.011		
31500	0.012		
32400	0.013		

Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530113802
Firmware Version	3
Calibration Date	1/28/2013
Test Name	UTC NORTH_001
Test Start Time	7:45:53 AM
Test Start Date	9/5/2014
Test Length [D:H:M]	0:07:30
Test Interval [M:S]	15:00
Mass Average [mg/m3]	0.034
Mass Minimum [mg/m3]	0.023
Mass Maximum [mg/m3]	0.055
Mass TWA [mg/m3]	0.032
Photometric User Cal	1.15
Flow User Cal	0
Errors	
Number of Samples	30

Elapsed Time [s]	Mass [mg/m3]	Alarms	Errors
900	0.055		
1800	0.045		
2700	0.044		
3600	0.046		
4500	0.042		
5400	0.04		
6300	0.038		
7200	0.036		
8100	0.034		
9000	0.035		
9900	0.032		
10800	0.032		
11700	0.031		
12600	0.032		
13500	0.043		
14400	0.031		
15300	0.032		
16200	0.031		
17100	0.029		
18000	0.029		
18900	0.027		
19800	0.025		
20700	0.023		
21600	0.025		
22500	0.026		
23400	0.033		
24300	0.029		
25200	0.031		
26100	0.03		
27000	0.026		

Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530113802
Firmware Version	3
Calibration Date	1/28/2013
Test Name	UTC NORTH_001
Test Start Time	8:03:06 AM
Test Start Date	9/8/2014
Test Length [D:H:M]	0:08:09
Test Interval [M:S]	15:00
Mass Average [mg/m3]	0.005
Mass Minimum [mg/m3]	-0.005
Mass Maximum [mg/m3]	0.017
Mass TWA [mg/m3]	0.004
Photometric User Cal	1.15
Flow User Cal	0
Errors	Flow Error
Number of Samples	26

Elapsed Time [s]	Mass [mg/m3]	Alarms	Errors
900	0.017		
1800	0.014		
2700	0.013		
3600	0.012		
4500	0.012		
5400	0.012		
6300	0.01		
7200	0.01		
8100	0.009		
9000	0.007		
9900	0.005		
10800	0.003		
11700	0		
12600	0		
13500	-0.001		
14400	0		
15300	0		
16200	0.001		
17100	0.007		
18000	0.002		
18900	0		
19800	0.004		
20700	0		
21600	-0.003		
22500	-0.005		Flow Error
29390	0		

Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530113802
Firmware Version	3
Calibration Date	1/28/2013
Test Name	UTC NORTH_002
Test Start Time	8:00:29 AM
Test Start Date	9/9/2014
Test Length [D:H:M]	0:08:15
Test Interval [M:S]	15:00
Mass Average [mg/m3]	0
Mass Minimum [mg/m3]	-0.006
Mass Maximum [mg/m3]	0.013
Mass TWA [mg/m3]	0
Photometric User Cal	1.15
Flow User Cal	0
Errors	
Number of Samples	33

Elapsed Time [s]	Mass [mg/m3]	Alarms	Errors
900	0.013		
1800	0.011		
2700	0.01		
3600	0.009		
4500	0.008		
5400	0.005		
6300	0.004		
7200	0.002		
8100	0		
9000	0		
9900	0		
10800	-0.001		
11700	-0.002		
12600	-0.003		
13500	-0.003		
14400	-0.001		
15300	-0.005		
16200	-0.006		
17100	-0.006		
18000	-0.006		
18900	-0.006		
19800	-0.005		
20700	-0.003		
21600	0		
22500	0		
23400	-0.003		
24300	-0.005		
25200	0.006		
26100	0.005		
27000	-0.004		
27900	-0.001		
28800	-0.004		
29700	-0.004		

Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530113802
Firmware Version	3
Calibration Date	1/28/2013
Test Name	UTC NORTH_003
Test Start Time	7:59:53 AM
Test Start Date	9/10/2014
Test Length [D:H:M]	0:10:45
Test Interval [M:S]	15:00
Mass Average [mg/m3]	0.011
Mass Minimum [mg/m3]	0.005
Mass Maximum [mg/m3]	0.018
Mass TWA [mg/m3]	0.012
Photometric User Cal	1.15
Flow User Cal	0
Errors	
Number of Samples	43

Elapsed Time [s]	Mass [mg/m3]	Alarms	Errors
900	0.013		
1800	0.009		
2700	0.01		
3600	0.011		
4500	0.012		
5400	0.014		
6300	0.015		
7200	0.015		
8100	0.014		
9000	0.015		
9900	0.016		
10800	0.017		
11700	0.015		
12600	0.018		
13500	0.013		
14400	0.012		
15300	0.011		
16200	0.008		
17100	0.01		
18000	0.008		
18900	0.012		
19800	0.009		
20700	0.016		
21600	0.009		
22500	0.005		
23400	0.009		
24300	0.013		
25200	0.017		
26100	0.011		
27000	0.008		
27900	0.009		
28800	0.009		
29700	0.009		
30600	0.009		
31500	0.009		
32400	0.01		
33300	0.01		
34200	0.01		
35100	0.01		
36000	0.012		
36900	0.01		
37800	0.011		
38700	0.011		

Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530113802
Firmware Version	3
Calibration Date	1/28/2013
Test Name	UTC NORTH_001
Test Start Time	7:48:39 AM
Test Start Date	9/11/2014
Test Length [D:H:M]	0:09:15
Test Interval [M:S]	15:00
Mass Average [mg/m3]	0.025
Mass Minimum [mg/m3]	0.017
Mass Maximum [mg/m3]	0.04
Mass TWA [mg/m3]	0.026
Photometric User Cal	1.15
Flow User Cal	0
Errors	
Number of Samples	37

Elapsed Time [s]	Mass [mg/m3]	Alarms	Errors
900	0.04		
1800	0.036		
2700	0.035		
3600	0.033		
4500	0.036		
5400	0.035		
6300	0.037		
7200	0.036		
8100	0.036		
9000	0.032		
9900	0.032		
10800	0.034		
11700	0.031		
12600	0.028		
13500	0.02		
14400	0.02		
15300	0.019		
16200	0.019		
17100	0.019		
18000	0.019		
18900	0.019		
19800	0.02		
20700	0.022		
21600	0.019		
22500	0.018		
23400	0.018		
24300	0.017		
25200	0.018		
26100	0.019		
27000	0.018		
27900	0.018		
28800	0.018		
29700	0.018		
30600	0.017		
31500	0.018		
32400	0.018		
33300	0.018		

Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530113802
Firmware Version	3
Calibration Date	1/28/2013
Test Name	UTC NORTH_002
Test Start Time	8:14:28 AM
Test Start Date	9/12/2014
Test Length [D:H:M]	0:04:45
Test Interval [M:S]	15:00
Mass Average [mg/m3]	0.005
Mass Minimum [mg/m3]	0.002
Mass Maximum [mg/m3]	0.013
Mass TWA [mg/m3]	0.003
Photometric User Cal	1.15
Flow User Cal	0
Errors	
Number of Samples	19

Elapsed Time [s]	Mass [mg/m3]	Alarms	Errors
900	0.013		
1800	0.002		
2700	0.004		
3600	0.003		
4500	0.003		
5400	0.003		
6300	0.003		
7200	0.003		
8100	0.004		
9000	0.003		
9900	0.003		
10800	0.004		
11700	0.004		
12600	0.005		
13500	0.005		
14400	0.006		
15300	0.006		
16200	0.006		
17100	0.006		

Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530113802
Firmware Version	3
Calibration Date	1/28/2013
Test Name	UTC NORTH_001
Test Start Time	7:38:02 AM
Test Start Date	9/15/2014
Test Length [D:H:M]	0:09:00
Test Interval [M:S]	15:00
Mass Average [mg/m3]	0.003
Mass Minimum [mg/m3]	-0.004
Mass Maximum [mg/m3]	0.024
Mass TWA [mg/m3]	0.004
Photometric User Cal	1.15
Flow User Cal	0
Errors	
Number of Samples	36

Elapsed Time [s]	Mass [mg/m3]	Alarms	Errors
900	0.01		
1800	0.011		
2700	0.013		
3600	0.024		
4500	0.012		
5400	0.011		
6300	0.01		
7200	0.01		
8100	0.009		
9000	0.008		
9900	0.006		
10800	0.005		
11700	0.005		
12600	0.007		
13500	0.007		
14400	0.003		
15300	0.002		
16200	0		
17100	0		
18000	0		
18900	0		
19800	-0.001		
20700	-0.002		
21600	-0.003		
22500	-0.002		
23400	0		
24300	-0.003		
25200	-0.003		
26100	-0.003		
27000	-0.002		
27900	-0.002		
28800	-0.003		
29700	-0.004		
30600	-0.001		
31500	-0.002		
32400	-0.001		

Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530113802
Firmware Version	3
Calibration Date	1/28/2013
Test Name	UTC NORTH_002
Test Start Time	7:51:39 AM
Test Start Date	9/17/2014
Test Length [D:H:M]	0:08:45
Test Interval [M:S]	15:00
Mass Average [mg/m3]	0.009
Mass Minimum [mg/m3]	0.006
Mass Maximum [mg/m3]	0.016
Mass TWA [mg/m3]	0.009
Photometric User Cal	1.15
Flow User Cal	0
Errors	
Number of Samples	35

Elapsed Time [s]	Mass [mg/m3]	Alarms	Errors
900	0.016		
1800	0.012		
2700	0.013		
3600	0.012		
4500	0.015		
5400	0.015		
6300	0.013		
7200	0.01		
8100	0.009		
9000	0.009		
9900	0.011		
10800	0.009		
11700	0.008		
12600	0.009		
13500	0.008		
14400	0.008		
15300	0.008		
16200	0.008		
17100	0.008		
18000	0.008		
18900	0.008		
19800	0.012		
20700	0.008		
21600	0.008		
22500	0.008		
23400	0.007		
24300	0.008		
25200	0.008		
26100	0.007		
27000	0.007		
27900	0.006		
28800	0.007		
29700	0.008		
30600	0.009		
31500	0.01		

Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530113802
Firmware Version	3
Calibration Date	1/28/2013
Test Name	UTC NORTH_003
Test Start Time	7:07:40 AM
Test Start Date	9/18/2014
Test Length [D:H:M]	0:09:45
Test Interval [M:S]	15:00
Mass Average [mg/m3]	0.024
Mass Minimum [mg/m3]	0.011
Mass Maximum [mg/m3]	0.038
Mass TWA [mg/m3]	0.027
Photometric User Cal	1.15
Flow User Cal	0
Errors	
Number of Samples	39

Elapsed Time [s]	Mass [mg/m3]	Alarms	Errors
900	0.032		
1800	0.031		
2700	0.035		
3600	0.033		
4500	0.032		
5400	0.033		
6300	0.034		
7200	0.038		
8100	0.035		
9000	0.03		
9900	0.03		
10800	0.03		
11700	0.03		
12600	0.029		
13500	0.03		
14400	0.03		
15300	0.033		
16200	0.036		
17100	0.037		
18000	0.036		
18900	0.029		
19800	0.026		
20700	0.024		
21600	0.02		
22500	0.017		
23400	0.015		
24300	0.014		
25200	0.014		
26100	0.012		
27000	0.011		
27900	0.012		
28800	0.013		
29700	0.013		
30600	0.012		
31500	0.013		
32400	0.012		
33300	0.012		
34200	0.013		
35100	0.012		

Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530113802
Firmware Version	3
Calibration Date	1/28/2013
Test Name	UTC NORTH_004
Test Start Time	7:23:11 AM
Test Start Date	9/19/2014
Test Length [D:H:M]	0:04:45
Test Interval [M:S]	15:00
Mass Average [mg/m3]	0.009
Mass Minimum [mg/m3]	0
Mass Maximum [mg/m3]	0.015
Mass TWA [mg/m3]	0.006
Photometric User Cal	1.15
Flow User Cal	0
Errors	
Number of Samples	19

Elapsed Time [s]	Mass [mg/m3]	Alarms	Errors
900	0.014		
1800	0.014		
2700	0.015		
3600	0.014		
4500	0.014		
5400	0.013		
6300	0.013		
7200	0.013		
8100	0.012		
9000	0.011		
9900	0.01		
10800	0.01		
11700	0.008		
12600	0.006		
13500	0.005		
14400	0.004		
15300	0.003		
16200	0.001		
17100	0		

Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530113802
Firmware Version	3
Calibration Date	1/28/2013
Test Name	UTC NORTH_001
Test Start Time	11:18:36 AM
Test Start Date	9/22/2014
Test Length [D:H:M]	0:05:15
Test Interval [M:S]	15:00
Mass Average [mg/m3]	0.003
Mass Minimum [mg/m3]	0.001
Mass Maximum [mg/m3]	0.009
Mass TWA [mg/m3]	0.002
Photometric User Cal	1.15
Flow User Cal	0
Errors	
Number of Samples	21

Elapsed Time [s]	Mass [mg/m3]	Alarms	Errors
900	0.009		
1800	0.002		
2700	0.001		
3600	0.002		
4500	0.001		
5400	0.001		
6300	0.001		
7200	0.001		
8100	0.001		
9000	0.001		
9900	0.001		
10800	0.002		
11700	0.001		
12600	0.002		
13500	0.002		
14400	0.002		
15300	0.003		
16200	0.004		
17100	0.005		
18000	0.006		
18900	0.006		

Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530113802
Firmware Version	3
Calibration Date	1/28/2013
Test Name	UTC NORTH_002
Test Start Time	7:09:25 AM
Test Start Date	9/23/2014
Test Length [D:H:M]	0:09:30
Test Interval [M:S]	15:00
Mass Average [mg/m3]	0.012
Mass Minimum [mg/m3]	0.004
Mass Maximum [mg/m3]	0.061
Mass TWA [mg/m3]	0.013
Photometric User Cal	1.15
Flow User Cal	0
Errors	
Number of Samples	38

Elapsed Time [s]	Mass [mg/m3]	Alarms	Errors
900	0.061		
1800	0.029		
2700	0.031		
3600	0.016		
4500	0.017		
5400	0.016		
6300	0.013		
7200	0.018		
8100	0.014		
9000	0.012		
9900	0.01		
10800	0.011		
11700	0.011		
12600	0.011		
13500	0.012		
14400	0.012		
15300	0.011		
16200	0.012		
17100	0.011		
18000	0.011		
18900	0.009		
19800	0.009		
20700	0.01		
21600	0.007		
22500	0.007		
23400	0.007		
24300	0.006		
25200	0.006		
26100	0.006		
27000	0.006		
27900	0.006		
28800	0.005		
29700	0.005		
30600	0.005		
31500	0.005		
32400	0.005		
33300	0.005		
34200	0.004		

Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530113802
Firmware Version	3
Calibration Date	1/28/2013
Test Name	UTC NORTH_003
Test Start Time	7:05:12 AM
Test Start Date	9/24/2014
Test Length [D:H:M]	0:10:00
Test Interval [M:S]	15:00
Mass Average [mg/m3]	0.005
Mass Minimum [mg/m3]	-0.006
Mass Maximum [mg/m3]	0.073
Mass TWA [mg/m3]	0.006
Photometric User Cal	1.15
Flow User Cal	0
Errors	
Number of Samples	40

Elapsed Time [s]	Mass [mg/m3]	Alarms	Errors
900	0.017		
1800	0.016		
2700	0.017		
3600	0.015		
4500	0.014		
5400	0.013		
6300	0.014		
7200	0.013		
8100	0.01		
9000	0.008		
9900	0.008		
10800	0.005		
11700	0.003		
12600	0.002		
13500	0.001		
14400	0.001		
15300	-0.001		
16200	0.003		
17100	-0.002		
18000	-0.004		
18900	-0.004		
19800	-0.003		
20700	-0.004		
21600	-0.004		
22500	-0.004		
23400	-0.004		
24300	-0.002		
25200	-0.004		
26100	-0.003		
27000	-0.005		
27900	0		
28800	0.073		
29700	-0.006		
30600	-0.001		
31500	0.004		
32400	-0.001		
33300	-0.001		
34200	-0.002		
35100	-0.002		
36000	0		

Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530113802
Firmware Version	3
Calibration Date	1/28/2013
Test Name	UTC NORTH_002
Test Start Time	8:10:04 AM
Test Start Date	9/26/2014
Test Length [D:H:M]	0:06:45
Test Interval [M:S]	15:00
Mass Average [mg/m3]	0.01
Mass Minimum [mg/m3]	0
Mass Maximum [mg/m3]	0.024
Mass TWA [mg/m3]	0.009
Photometric User Cal	1.15
Flow User Cal	0
Errors	
Number of Samples	27

Elapsed Time [s]	Mass [mg/m3]	Alarms	Errors
900	0.024		
1800	0.024		
2700	0.024		
3600	0.024		
4500	0.02		
5400	0.018		
6300	0.018		
7200	0.019		
8100	0.018		
9000	0.017		
9900	0.014		
10800	0.013		
11700	0.012		
12600	0.01		
13500	0.006		
14400	0.003		
15300	0.003		
16200	0.003		
17100	0.002		
18000	0.002		
18900	0.001		
19800	0		
20700	0		
21600	0		
22500	0		
23400	0		
24300	0		

Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530143123
Firmware Version	3
Calibration Date	8/4/2014
Test Name	UTC NORTH_001
Test Start Time	7:19:47 AM
Test Start Date	9/29/2014
Test Length [D:H:M]	0:09:45
Test Interval [M:S]	15:00
Mass Average [mg/m3]	0.019
Mass Minimum [mg/m3]	0.01
Mass Maximum [mg/m3]	0.039
Mass TWA [mg/m3]	0.021
Photometric User Cal	1
Flow User Cal	0
Errors	
Number of Samples	39

Elapsed Time [s]	Mass [mg/m3]	Alarms	Errors
900	0.039		
1800	0.03		
2700	0.03		
3600	0.031		
4500	0.032		
5400	0.033		
6300	0.031		
7200	0.029		
8100	0.029		
9000	0.029		
9900	0.028		
10800	0.027		
11700	0.025		
12600	0.025		
13500	0.023		
14400	0.022		
15300	0.018		
16200	0.015		
17100	0.015		
18000	0.014		
18900	0.013		
19800	0.012		
20700	0.012		
21600	0.012		
22500	0.012		
23400	0.012		
24300	0.012		
25200	0.01		
26100	0.011		
27000	0.011		
27900	0.012		
28800	0.012		
29700	0.011		
30600	0.011		
31500	0.011		
32400	0.012		
33300	0.012		
34200	0.013		
35100	0.012		

Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530143123
Firmware Version	3
Calibration Date	8/4/2014
Test Name	UTC NORTH_002
Test Start Time	7:17:37 AM
Test Start Date	9/30/2014
Test Length [D:H:M]	0:08:00
Test Interval [M:S]	15:00
Mass Average [mg/m3]	0.025
Mass Minimum [mg/m3]	0.022
Mass Maximum [mg/m3]	0.034
Mass TWA [mg/m3]	0.025
Photometric User Cal	1
Flow User Cal	0
Errors	
Number of Samples	32

Elapsed Time [s]	Mass [mg/m3]	Alarms	Errors
900	0.024		
1800	0.023		
2700	0.023		
3600	0.024		
4500	0.024		
5400	0.025		
6300	0.024		
7200	0.023		
8100	0.023		
9000	0.025		
9900	0.023		
10800	0.023		
11700	0.022		
12600	0.023		
13500	0.023		
14400	0.024		
15300	0.026		
16200	0.026		
17100	0.026		
18000	0.026		
18900	0.025		
19800	0.024		
20700	0.024		
21600	0.024		
22500	0.024		
23400	0.025		
24300	0.027		
25200	0.029		
26100	0.031		
27000	0.031		
27900	0.032		
28800	0.034		

Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530143123
Firmware Version	3
Calibration Date	8/4/2014
Test Name	UTC NORTH_003
Test Start Time	8:25:29 AM
Test Start Date	10/1/2014
Test Length [D:H:M]	0:06:30
Test Interval [M:S]	15:00
Mass Average [mg/m3]	0.026
Mass Minimum [mg/m3]	0.017
Mass Maximum [mg/m3]	0.046
Mass TWA [mg/m3]	0.021
Photometric User Cal	1
Flow User Cal	0
Errors	
Number of Samples	26

Elapsed Time [s]	Mass [mg/m3]	Alarms	Errors
900	0.043		
1800	0.046		
2700	0.035		
3600	0.033		
4500	0.029		
5400	0.029		
6300	0.028		
7200	0.026		
8100	0.025		
9000	0.025		
9900	0.025		
10800	0.024		
11700	0.025		
12600	0.022		
13500	0.032		
14400	0.023		
15300	0.023		
16200	0.022		
17100	0.022		
18000	0.021		
18900	0.02		
19800	0.019		
20700	0.019		
21600	0.017		
22500	0.017		
23400	0.017		

Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530143123
Firmware Version	3
Calibration Date	8/4/2014
Test Name	UTC NORTH_004
Test Start Time	9:14:22 AM
Test Start Date	10/2/2014
Test Length [D:H:M]	0:07:45
Test Interval [M:S]	15:00
Mass Average [mg/m3]	0.008
Mass Minimum [mg/m3]	0.003
Mass Maximum [mg/m3]	0.023
Mass TWA [mg/m3]	0.008
Photometric User Cal	1
Flow User Cal	0
Errors	
Number of Samples	31

Elapsed Time [s]	Mass [mg/m3]	Alarms	Errors
900	0.023		
1800	0.015		
2700	0.012		
3600	0.01		
4500	0.009		
5400	0.009		
6300	0.008		
7200	0.01		
8100	0.008		
9000	0.009		
9900	0.009		
10800	0.008		
11700	0.008		
12600	0.008		
13500	0.009		
14400	0.011		
15300	0.01		
16200	0.014		
17100	0.007		
18000	0.01		
18900	0.011		
19800	0.006		
20700	0.004		
21600	0.006		
22500	0.004		
23400	0.004		
24300	0.003		
25200	0.003		
26100	0.003		
27000	0.004		
27900	0.005		

Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530143123
Firmware Version	3
Calibration Date	8/4/2014
Test Name	UTC NORTH_005
Test Start Time	7:26:21 AM
Test Start Date	10/3/2014
Test Length [D:H:M]	0:08:15
Test Interval [M:S]	15:00
Mass Average [mg/m3]	0.017
Mass Minimum [mg/m3]	0.007
Mass Maximum [mg/m3]	0.025
Mass TWA [mg/m3]	0.017
Photometric User Cal	1
Flow User Cal	0
Errors	
Number of Samples	33

Elapsed Time [s]	Mass [mg/m3]	Alarms	Errors
900	0.018		
1800	0.007		
2700	0.007		
3600	0.007		
4500	0.008		
5400	0.01		
6300	0.012		
7200	0.01		
8100	0.01		
9000	0.011		
9900	0.012		
10800	0.015		
11700	0.017		
12600	0.016		
13500	0.018		
14400	0.019		
15300	0.017		
16200	0.017		
17100	0.019		
18000	0.021		
18900	0.019		
19800	0.023		
20700	0.024		
21600	0.024		
22500	0.024		
23400	0.021		
24300	0.025		
25200	0.02		
26100	0.023		
27000	0.021		
27900	0.018		
28800	0.019		
29700	0.019		

Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530143123
Firmware Version	3
Calibration Date	8/4/2014
Test Name	UTC NORTH_001
Test Start Time	7:29:12 AM
Test Start Date	10/6/2014
Test Length [D:H:M]	0:09:13
Test Interval [M:S]	15:00
Mass Average [mg/m3]	0.007
Mass Minimum [mg/m3]	0
Mass Maximum [mg/m3]	0.044
Mass TWA [mg/m3]	0
Photometric User Cal	1
Flow User Cal	0
Errors	Flow Error
Number of Samples	37

Elapsed Time [s]	Mass [mg/m3]	Alarms	Errors
900	0.044		
1800	0.017		
2700	0.015		
3600	0.014		
4500	0.013		
5400	0.013		
6300	0.013		
7200	0.011		
8100	0.012		
9000	0.012		
9900	0.01		
10800	0.009		
11700	0.008		
12600	0.007		
13500	0.007		
14400	0.006		
15300	0.005		
16200	0.005		
17100	0.004		
18000	0.002		
18900	0.001		
19800	0.002		
20700	0		
21600	0.001		
22500	0.001		
23400	0.002		
24300	0.002		
25200	0.001		
26100	0		
27000	0.001		
27900	0.001		
28800	0.003		
29700	0.001		
30600	0.005		
31500	0.001		
32400	0		Flow Error
33236	0		

Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530143123
Firmware Version	3
Calibration Date	8/4/2014
Test Name	UTC NORTH_002
Test Start Time	8:40:44 AM
Test Start Date	10/7/2014
Test Length [D:H:M]	0:08:45
Test Interval [M:S]	15:00
Mass Average [mg/m3]	0.009
Mass Minimum [mg/m3]	0.006
Mass Maximum [mg/m3]	0.014
Mass TWA [mg/m3]	0.009
Photometric User Cal	1
Flow User Cal	0
Errors	
Number of Samples	35

Elapsed Time [s]	Mass [mg/m3]	Alarms	Errors
900	0.014		
1800	0.011		
2700	0.012		
3600	0.011		
4500	0.012		
5400	0.011		
6300	0.011		
7200	0.011		
8100	0.012		
9000	0.011		
9900	0.01		
10800	0.008		
11700	0.008		
12600	0.009		
13500	0.009		
14400	0.007		
15300	0.007		
16200	0.008		
17100	0.007		
18000	0.008		
18900	0.01		
19800	0.009		
20700	0.01		
21600	0.009		
22500	0.008		
23400	0.008		
24300	0.008		
25200	0.009		
26100	0.009		
27000	0.011		
27900	0.007		
28800	0.006		
29700	0.007		
30600	0.007		
31500	0.006		

Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530143123
Firmware Version	3
Calibration Date	8/4/2014
Test Name	UTC NORTH_003
Test Start Time	8:31:32 AM
Test Start Date	10/8/2014
Test Length [D:H:M]	0:08:15
Test Interval [M:S]	15:00
Mass Average [mg/m3]	0.013
Mass Minimum [mg/m3]	0.006
Mass Maximum [mg/m3]	0.028
Mass TWA [mg/m3]	0.013
Photometric User Cal	1
Flow User Cal	0
Errors	
Number of Samples	33

Elapsed Time [s]	Mass [mg/m3]	Alarms	Errors
900	0.028		
1800	0.006		
2700	0.009		
3600	0.018		
4500	0.011		
5400	0.01		
6300	0.011		
7200	0.009		
8100	0.009		
9000	0.012		
9900	0.011		
10800	0.01		
11700	0.01		
12600	0.011		
13500	0.012		
14400	0.012		
15300	0.01		
16200	0.014		
17100	0.01		
18000	0.011		
18900	0.013		
19800	0.013		
20700	0.015		
21600	0.016		
22500	0.016		
23400	0.016		
24300	0.016		
25200	0.015		
26100	0.015		
27000	0.013		
27900	0.013		
28800	0.012		
29700	0.012		

Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530143123
Firmware Version	3
Calibration Date	8/4/2014
Test Name	UTC NORTH_004
Test Start Time	7:16:30 AM
Test Start Date	10/9/2014
Test Length [D:H:M]	0:10:10
Test Interval [M:S]	15:00
Mass Average [mg/m3]	0.008
Mass Minimum [mg/m3]	0
Mass Maximum [mg/m3]	0.021
Mass TWA [mg/m3]	0
Photometric User Cal	1
Flow User Cal	0
Errors	
Number of Samples	38

Elapsed Time [s]	Mass [mg/m3]	Alarms	Errors
900	0.021		
1800	0.016		
2700	0.017		
3600	0.018		
4500	0.016		
5400	0.014		
6300	0.014		
7200	0.017		
8100	0.014		
9000	0.011		
9900	0.01		
10800	0.007		
11700	0.007		
12600	0.007		
13500	0.007		
14400	0.006		
15300	0.006		
16200	0.005		
17100	0.005		
18000	0.006		
18900	0.006		
19800	0.006		
20700	0.005		
21600	0.004		
22500	0.003		
23400	0.003		
24300	0.003		
25200	0.003		
26100	0.003		
27000	0.005		
27900	0.004		
28800	0.005		
29700	0.004		
30600	0.003		
31500	0.003		
32400	0.002		
33300	0.002		
36648	0		

Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530143123
Firmware Version	3
Calibration Date	8/4/2014
Test Name	UTC NORTH_005
Test Start Time	7:19:25 AM
Test Start Date	10/10/2014
Test Length [D:H:M]	0:05:00
Test Interval [M:S]	15:00
Mass Average [mg/m3]	0.008
Mass Minimum [mg/m3]	0.006
Mass Maximum [mg/m3]	0.023
Mass TWA [mg/m3]	0.005
Photometric User Cal	1
Flow User Cal	0
Errors	
Number of Samples	20

Elapsed Time [s]	Mass [mg/m3]	Alarms	Errors
900	0.023		
1800	0.009		
2700	0.008		
3600	0.009		
4500	0.01		
5400	0.009		
6300	0.008		
7200	0.009		
8100	0.008		
9000	0.008		
9900	0.01		
10800	0.007		
11700	0.007		
12600	0.007		
13500	0.006		
14400	0.006		
15300	0.006		
16200	0.006		
17100	0.006		
18000	0.006		

Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530143123
Firmware Version	3
Calibration Date	8/4/2014
Test Name	UTC NORTH_001
Test Start Time	8:10:11 AM
Test Start Date	10/20/2014
Test Length [D:H:M]	0:08:15
Test Interval [M:S]	15:00
Mass Average [mg/m3]	0.005
Mass Minimum [mg/m3]	0.001
Mass Maximum [mg/m3]	0.019
Mass TWA [mg/m3]	0.004
Photometric User Cal	1
Flow User Cal	0
Errors	
Number of Samples	33

Elapsed Time [s]	Mass [mg/m3]	Alarms	Errors
900	0.019		
1800	0.012		
2700	0.01		
3600	0.007		
4500	0.005		
5400	0.007		
6300	0.006		
7200	0.003		
8100	0.003		
9000	0.002		
9900	0.002		
10800	0.002		
11700	0.002		
12600	0.002		
13500	0.002		
14400	0.002		
15300	0.001		
16200	0.002		
17100	0.002		
18000	0.003		
18900	0.004		
19800	0.006		
20700	0.001		
21600	0.002		
22500	0.002		
23400	0.003		
24300	0.004		
25200	0.005		
26100	0.006		
27000	0.006		
27900	0.006		
28800	0.005		
29700	0.005		

Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530143123
Firmware Version	3
Calibration Date	8/4/2014
Test Name	UTC NORTH_002
Test Start Time	7:46:46 AM
Test Start Date	10/22/2014
Test Length [D:H:M]	0:10:00
Test Interval [M:S]	15:00
Mass Average [mg/m3]	0.016
Mass Minimum [mg/m3]	0.007
Mass Maximum [mg/m3]	0.034
Mass TWA [mg/m3]	0.018
Photometric User Cal	1
Flow User Cal	0
Errors	
Number of Samples	40

Elapsed Time [s]	Mass [mg/m3]	Alarms	Errors
900	0.034		
1800	0.031		
2700	0.03		
3600	0.03		
4500	0.03		
5400	0.029		
6300	0.027		
7200	0.027		
8100	0.025		
9000	0.026		
9900	0.024		
10800	0.022		
11700	0.021		
12600	0.02		
13500	0.016		
14400	0.013		
15300	0.01		
16200	0.009		
17100	0.01		
18000	0.009		
18900	0.007		
19800	0.007		
20700	0.009		
21600	0.009		
22500	0.01		
23400	0.013		
24300	0.013		
25200	0.013		
26100	0.012		
27000	0.011		
27900	0.011		
28800	0.01		
29700	0.01		
30600	0.009		
31500	0.01		
32400	0.011		
33300	0.011		
34200	0.012		
35100	0.013		
36000	0.013		

Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530143123
Firmware Version	3
Calibration Date	8/4/2014
Test Name	UTC NORTH_003
Test Start Time	7:45:59 AM
Test Start Date	10/23/2014
Test Length [D:H:M]	0:09:36
Test Interval [M:S]	15:00
Mass Average [mg/m3]	0.005
Mass Minimum [mg/m3]	0
Mass Maximum [mg/m3]	0.012
Mass TWA [mg/m3]	0.004
Photometric User Cal	1
Flow User Cal	0
Errors	
Number of Samples	26

Elapsed Time [s]	Mass [mg/m3]	Alarms	Errors
900	0.012		
1800	0.01		
2700	0.008		
3600	0.007		
4500	0.006		
5400	0.007		
6300	0.005		
7200	0.005		
8100	0.005		
9000	0.004		
9900	0.003		
10800	0.004		
11700	0.004		
12600	0.004		
13500	0.005		
14400	0.005		
15300	0.004		
16200	0.005		
17100	0.004		
18000	0.004		
18900	0.003		
19800	0.003		
20700	0.003		
21600	0.003		
22500	0.003		
34578	0		

Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530143123
Firmware Version	3
Calibration Date	8/4/2014
Test Name	UTC NORTH_004
Test Start Time	8:01:19 AM
Test Start Date	10/24/2014
Test Length [D:H:M]	0:07:00
Test Interval [M:S]	15:00
Mass Average [mg/m3]	0.008
Mass Minimum [mg/m3]	0.005
Mass Maximum [mg/m3]	0.012
Mass TWA [mg/m3]	0.007
Photometric User Cal	1
Flow User Cal	0
Errors	
Number of Samples	28

Elapsed Time [s]	Mass [mg/m3]	Alarms	Errors
900	0.011		
1800	0.01		
2700	0.01		
3600	0.012		
4500	0.01		
5400	0.01		
6300	0.012		
7200	0.009		
8100	0.008		
9000	0.008		
9900	0.008		
10800	0.008		
11700	0.007		
12600	0.007		
13500	0.007		
14400	0.007		
15300	0.007		
16200	0.008		
17100	0.008		
18000	0.007		
18900	0.007		
19800	0.007		
20700	0.006		
21600	0.006		
22500	0.006		
23400	0.006		
24300	0.005		
25200	0.005		

Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530143123
Firmware Version	3
Calibration Date	8/4/2014
Test Name	UTC NORTH_002
Test Start Time	7:28:35 AM
Test Start Date	10/28/2014
Test Length [D:H:M]	0:10:15
Test Interval [M:S]	15:00
Mass Average [mg/m3]	0.026
Mass Minimum [mg/m3]	0.015
Mass Maximum [mg/m3]	0.041
Mass TWA [mg/m3]	0.023
Photometric User Cal	1
Flow User Cal	0
Errors	
Number of Samples	41

Elapsed Time [s]	Mass [mg/m3]	Alarms	Errors
900	0.018		
1800	0.016		
2700	0.016		
3600	0.017		
4500	0.018		
5400	0.018		
6300	0.016		
7200	0.018		
8100	0.016		
9000	0.015		
9900	0.016		
10800	0.016		
11700	0.019		
12600	0.016		
13500	0.016		
14400	0.019		
15300	0.018		
16200	0.019		
17100	0.022		
18000	0.028		
18900	0.03		
19800	0.031		
20700	0.03		
21600	0.03		
22500	0.033		
23400	0.031		
24300	0.03		
25200	0.034		
26100	0.033		
27000	0.029		
27900	0.041		
28800	0.036		
29700	0.032		
30600	0.028		
31500	0.03		
32400	0.033		
33300	0.035		
34200	0.034		
35100	0.035		
36000	0.038		
36900	0.039		

Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530143123
Firmware Version	3
Calibration Date	8/4/2014
Test Name	UTC NORTH_003
Test Start Time	7:46:37 AM
Test Start Date	10/29/2014
Test Length [D:H:M]	0:09:41
Test Interval [M:S]	15:00
Mass Average [mg/m3]	0.013
Mass Minimum [mg/m3]	0
Mass Maximum [mg/m3]	0.031
Mass TWA [mg/m3]	0.011
Photometric User Cal	1
Flow User Cal	0
Errors	Flow Error
Number of Samples	28

Elapsed Time [s]	Mass [mg/m3]	Alarms	Errors
900	0.031		
1800	0.028		
2700	0.026		
3600	0.026		
4500	0.022		
5400	0.02		
6300	0.018		
7200	0.017		
8100	0.017		
9000	0.015		
9900	0.014		
10800	0.009		
11700	0.008		
12600	0.007		
13500	0.008		
14400	0.007		
15300	0.008		
16200	0.007		
17100	0.006		
18000	0.006		
18900	0.006		
19800	0.007		
20700	0.009		
21600	0.012		
22500	0.014		
23400	0.014		
24300	0.013		Flow Error
34905	0		

Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530143123
Firmware Version	3
Calibration Date	8/4/2014
Test Name	UTC NORTH_004
Test Start Time	8:57:13 AM
Test Start Date	10/30/2014
Test Length [D:H:M]	0:08:30
Test Interval [M:S]	15:00
Mass Average [mg/m3]	0.007
Mass Minimum [mg/m3]	0.005
Mass Maximum [mg/m3]	0.011
Mass TWA [mg/m3]	0.007
Photometric User Cal	1
Flow User Cal	0
Errors	
Number of Samples	34

Elapsed Time [s]	Mass [mg/m3]	Alarms	Errors
900	0.01		
1800	0.009		
2700	0.008		
3600	0.01		
4500	0.01		
5400	0.011		
6300	0.01		
7200	0.008		
8100	0.008		
9000	0.009		
9900	0.008		
10800	0.008		
11700	0.007		
12600	0.006		
13500	0.006		
14400	0.007		
15300	0.008		
16200	0.007		
17100	0.006		
18000	0.006		
18900	0.009		
19800	0.005		
20700	0.006		
21600	0.007		
22500	0.007		
23400	0.007		
24300	0.006		
25200	0.005		
26100	0.006		
27000	0.005		
27900	0.005		
28800	0.007		
29700	0.008		
30600	0.008		

Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530143123
Firmware Version	3
Calibration Date	8/4/2014
Test Name	UTC NORTH_005
Test Start Time	8:01:32 AM
Test Start Date	10/31/2014
Test Length [D:H:M]	0:03:45
Test Interval [M:S]	15:00
Mass Average [mg/m3]	0.014
Mass Minimum [mg/m3]	0.009
Mass Maximum [mg/m3]	0.017
Mass TWA [mg/m3]	0.006
Photometric User Cal	1
Flow User Cal	0
Errors	
Number of Samples	15

Elapsed Time [s]	Mass [mg/m3]	Alarms	Errors
900	0.017		
1800	0.016		
2700	0.014		
3600	0.015		
4500	0.015		
5400	0.014		
6300	0.015		
7200	0.014		
8100	0.013		
9000	0.015		
9900	0.012		
10800	0.013		
11700	0.01		
12600	0.009		
13500	0.011		

Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530143123
Firmware Version	3
Calibration Date	8/4/2014
Test Name	UTC NORTH_001
Test Start Time	8:25:04 AM
Test Start Date	11/3/2014
Test Length [D:H:M]	0:10:15
Test Interval [M:S]	15:00
Mass Average [mg/m3]	0.01
Mass Minimum [mg/m3]	0.001
Mass Maximum [mg/m3]	0.019
Mass TWA [mg/m3]	0.011
Photometric User Cal	1
Flow User Cal	0
Errors	
Number of Samples	41

Elapsed Time [s]	Mass [mg/m3]	Alarms	Errors
900	0.019		
1800	0.018		
2700	0.018		
3600	0.018		
4500	0.017		
5400	0.016		
6300	0.016		
7200	0.017		
8100	0.017		
9000	0.017		
9900	0.017		
10800	0.016		
11700	0.016		
12600	0.016		
13500	0.016		
14400	0.016		
15300	0.015		
16200	0.013		
17100	0.011		
18000	0.01		
18900	0.009		
19800	0.009		
20700	0.005		
21600	0.002		
22500	0.003		
23400	0.002		
24300	0.002		
25200	0.002		
26100	0.002		
27000	0.002		
27900	0.003		
28800	0.003		
29700	0.002		
30600	0.001		
31500	0.002		
32400	0.001		
33300	0.002		
34200	0.006		
35100	0.005		
36000	0.005		
36900	0.007		

Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530143123
Firmware Version	3
Calibration Date	8/4/2014
Test Name	UTC NORTH_002
Test Start Time	7:50:07 AM
Test Start Date	11/4/2014
Test Length [D:H:M]	0:11:00
Test Interval [M:S]	15:00
Mass Average [mg/m3]	0.012
Mass Minimum [mg/m3]	0.009
Mass Maximum [mg/m3]	0.027
Mass TWA [mg/m3]	0.013
Photometric User Cal	1
Flow User Cal	0
Errors	
Number of Samples	44

Elapsed Time [s]	Mass [mg/m3]	Alarms	Errors
900	0.016		
1800	0.012		
2700	0.011		
3600	0.015		
4500	0.018		
5400	0.014		
6300	0.011		
7200	0.019		
8100	0.011		
9000	0.01		
9900	0.01		
10800	0.01		
11700	0.011		
12600	0.01		
13500	0.011		
14400	0.012		
15300	0.013		
16200	0.01		
17100	0.011		
18000	0.012		
18900	0.011		
19800	0.011		
20700	0.012		
21600	0.022		
22500	0.027		
23400	0.012		
24300	0.013		
25200	0.013		
26100	0.011		
27000	0.01		
27900	0.011		
28800	0.01		
29700	0.01		
30600	0.011		
31500	0.011		
32400	0.01		
33300	0.012		
34200	0.012		
35100	0.012		
36000	0.014		
36900	0.011		
37800	0.01		
38700	0.01		
39600	0.009		

Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530143123
Firmware Version	3
Calibration Date	8/4/2014
Test Name	UTC NORTH_003
Test Start Time	7:41:29 AM
Test Start Date	11/5/2014
Test Length [D:H:M]	0:11:15
Test Interval [M:S]	15:00
Mass Average [mg/m3]	0.021
Mass Minimum [mg/m3]	0.012
Mass Maximum [mg/m3]	0.031
Mass TWA [mg/m3]	0.02
Photometric User Cal	1
Flow User Cal	0
Errors	
Number of Samples	45

Elapsed Time [s]	Mass [mg/m3]	Alarms	Errors
900	0.029		
1800	0.03		
2700	0.031		
3600	0.03		
4500	0.029		
5400	0.03		
6300	0.025		
7200	0.022		
8100	0.021		
9000	0.022		
9900	0.023		
10800	0.023		
11700	0.025		
12600	0.022		
13500	0.019		
14400	0.017		
15300	0.015		
16200	0.014		
17100	0.013		
18000	0.012		
18900	0.013		
19800	0.014		
20700	0.015		
21600	0.015		
22500	0.015		
23400	0.015		
24300	0.015		
25200	0.016		
26100	0.015		
27000	0.016		
27900	0.015		
28800	0.016		
29700	0.022		
30600	0.024		
31500	0.025		
32400	0.025		
33300	0.027		
34200	0.027		
35100	0.025		
36000	0.026		
36900	0.026		
37800	0.025		
38700	0.025		
39600	0.027		
40500	0.026		

Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530143123
Firmware Version	3
Calibration Date	8/4/2014
Test Name	UTC NORTH_004
Test Start Time	8:09:54 AM
Test Start Date	11/6/2014
Test Length [D:H:M]	0:09:57
Test Interval [M:S]	15:00
Mass Average [mg/m3]	0.046
Mass Minimum [mg/m3]	0
Mass Maximum [mg/m3]	0.069
Mass TWA [mg/m3]	0.024
Photometric User Cal	1
Flow User Cal	0
Errors	Flow Error
Number of Samples	18

Elapsed Time [s]	Mass [mg/m3]	Alarms	Errors
900	0.069		
1800	0.049		
2700	0.049		
3600	0.049		
4500	0.05		
5400	0.055		
6300	0.061		
7200	0.054		
8100	0.046		
9000	0.043		
9900	0.044		
10800	0.054		
11700	0.046		
12600	0.04		
13500	0.041		
14400	0.04		
15300	0.034		Flow Error
35835	0		

Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530143123
Firmware Version	3
Calibration Date	8/4/2014
Test Name	UTC NORTH_005
Test Start Time	8:33:18 AM
Test Start Date	11/8/2014
Test Length [D:H:M]	0:07:15
Test Interval [M:S]	15:00
Mass Average [mg/m3]	0.004
Mass Minimum [mg/m3]	0
Mass Maximum [mg/m3]	0.01
Mass TWA [mg/m3]	0.004
Photometric User Cal	1
Flow User Cal	0
Errors	
Number of Samples	29

Elapsed Time [s]	Mass [mg/m3]	Alarms	Errors
900	0.01		
1800	0.009		
2700	0.008		
3600	0.006		
4500	0.006		
5400	0.006		
6300	0.005		
7200	0.004		
8100	0.004		
9000	0.004		
9900	0.001		
10800	0		
11700	0		
12600	0.001		
13500	0.002		
14400	0.003		
15300	0.003		
16200	0.003		
17100	0.003		
18000	0.003		
18900	0.003		
19800	0.003		
20700	0.005		
21600	0.006		
22500	0.005		
23400	0.003		
24300	0.003		
25200	0.003		
26100	0.003		

Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530143123
Firmware Version	3
Calibration Date	8/4/2014
Test Name	UTC NORTH_001
Test Start Time	8:16:20 AM
Test Start Date	11/10/2014
Test Length [D:H:M]	0:10:18
Test Interval [M:S]	15:00
Mass Average [mg/m3]	0.016
Mass Minimum [mg/m3]	0
Mass Maximum [mg/m3]	0.027
Mass TWA [mg/m3]	0
Photometric User Cal	1
Flow User Cal	0
Errors	
Number of Samples	36

Elapsed Time [s]	Mass [mg/m3]	Alarms	Errors
900	0.027		
1800	0.023		
2700	0.023		
3600	0.027		
4500	0.024		
5400	0.021		
6300	0.02		
7200	0.018		
8100	0.019		
9000	0.019		
9900	0.015		
10800	0.014		
11700	0.014		
12600	0.015		
13500	0.014		
14400	0.013		
15300	0.014		
16200	0.013		
17100	0.012		
18000	0.013		
18900	0.013		
19800	0.014		
20700	0.012		
21600	0.014		
22500	0.015		
23400	0.013		
24300	0.015		
25200	0.014		
26100	0.014		
27000	0.014		
27900	0.013		
28800	0.013		
29700	0.012		
30600	0.015		
31500	0.012		
37131	0		

Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530143123
Firmware Version	3
Calibration Date	8/4/2014
Test Name	UTC NORTH_002
Test Start Time	7:54:59 AM
Test Start Date	11/11/2014
Test Length [D:H:M]	0:10:45
Test Interval [M:S]	15:00
Mass Average [mg/m3]	0.017
Mass Minimum [mg/m3]	0.013
Mass Maximum [mg/m3]	0.021
Mass TWA [mg/m3]	0.016
Photometric User Cal	1
Flow User Cal	0
Errors	
Number of Samples	43

Elapsed Time [s]	Mass [mg/m3]	Alarms	Errors
900	0.019		
1800	0.019		
2700	0.018		
3600	0.018		
4500	0.018		
5400	0.017		
6300	0.016		
7200	0.015		
8100	0.015		
9000	0.015		
9900	0.014		
10800	0.013		
11700	0.019		
12600	0.016		
13500	0.015		
14400	0.014		
15300	0.014		
16200	0.015		
17100	0.016		
18000	0.016		
18900	0.014		
19800	0.015		
20700	0.014		
21600	0.016		
22500	0.017		
23400	0.014		
24300	0.015		
25200	0.017		
26100	0.017		
27000	0.017		
27900	0.018		
28800	0.018		
29700	0.017		
30600	0.019		
31500	0.017		
32400	0.018		
33300	0.019		
34200	0.018		
35100	0.017		
36000	0.02		
36900	0.021		
37800	0.018		
38700	0.017		

Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530143123
Firmware Version	3
Calibration Date	8/4/2014
Test Name	UTC NORTH_003
Test Start Time	8:39:59 AM
Test Start Date	11/13/2014
Test Length [D:H:M]	0:09:00
Test Interval [M:S]	15:00
Mass Average [mg/m3]	0.018
Mass Minimum [mg/m3]	0.01
Mass Maximum [mg/m3]	0.029
Mass TWA [mg/m3]	0.017
Photometric User Cal	1
Flow User Cal	0
Errors	
Number of Samples	36

Elapsed Time [s]	Mass [mg/m3]	Alarms	Errors
900	0.018		
1800	0.018		
2700	0.014		
3600	0.013		
4500	0.014		
5400	0.013		
6300	0.013		
7200	0.013		
8100	0.013		
9000	0.015		
9900	0.015		
10800	0.014		
11700	0.014		
12600	0.013		
13500	0.01		
14400	0.01		
15300	0.01		
16200	0.011		
17100	0.012		
18000	0.013		
18900	0.014		
19800	0.016		
20700	0.018		
21600	0.019		
22500	0.021		
23400	0.022		
24300	0.025		
25200	0.027		
26100	0.025		
27000	0.027		
27900	0.028		
28800	0.029		
29700	0.023		
30600	0.024		
31500	0.028		
32400	0.028		

Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530143123
Firmware Version	3
Calibration Date	8/4/2014
Test Name	UTC NORTH_004
Test Start Time	7:54:19 AM
Test Start Date	11/14/2014
Test Length [D:H:M]	0:05:30
Test Interval [M:S]	15:00
Mass Average [mg/m3]	0.013
Mass Minimum [mg/m3]	0.008
Mass Maximum [mg/m3]	0.023
Mass TWA [mg/m3]	0.009
Photometric User Cal	1
Flow User Cal	0
Errors	
Number of Samples	22

Elapsed Time [s]	Mass [mg/m3]	Alarms	Errors
900	0.018		
1800	0.017		
2700	0.023		
3600	0.016		
4500	0.014		
5400	0.014		
6300	0.012		
7200	0.012		
8100	0.01		
9000	0.01		
9900	0.01		
10800	0.009		
11700	0.008		
12600	0.008		
13500	0.008		
14400	0.008		
15300	0.008		
16200	0.01		
17100	0.012		
18000	0.015		
18900	0.017		
19800	0.017		

Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530143123
Firmware Version	3
Calibration Date	8/4/2014
Test Name	UTC NORTH_001
Test Start Time	8:28:18 AM
Test Start Date	11/18/2014
Test Length [D:H:M]	0:09:15
Test Interval [M:S]	15:00
Mass Average [mg/m3]	0.016
Mass Minimum [mg/m3]	0.011
Mass Maximum [mg/m3]	0.024
Mass TWA [mg/m3]	0.015
Photometric User Cal	1
Flow User Cal	0
Errors	
Number of Samples	37

Elapsed Time [s]	Mass [mg/m3]	Alarms	Errors
900	0.024		
1800	0.019		
2700	0.019		
3600	0.019		
4500	0.018		
5400	0.017		
6300	0.017		
7200	0.017		
8100	0.018		
9000	0.016		
9900	0.018		
10800	0.015		
11700	0.015		
12600	0.015		
13500	0.015		
14400	0.016		
15300	0.015		
16200	0.014		
17100	0.015		
18000	0.014		
18900	0.014		
19800	0.014		
20700	0.014		
21600	0.012		
22500	0.013		
23400	0.012		
24300	0.011		
25200	0.012		
26100	0.013		
27000	0.014		
27900	0.015		
28800	0.015		
29700	0.015		
30600	0.015		
31500	0.017		
32400	0.017		
33300	0.018		

Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530143123
Firmware Version	3
Calibration Date	8/4/2014
Test Name	UTC NORTH_002
Test Start Time	8:03:18 AM
Test Start Date	11/19/2014
Test Length [D:H:M]	0:10:45
Test Interval [M:S]	15:00
Mass Average [mg/m3]	0.022
Mass Minimum [mg/m3]	0.017
Mass Maximum [mg/m3]	0.028
Mass TWA [mg/m3]	0.022
Photometric User Cal	1
Flow User Cal	0
Errors	
Number of Samples	43

Elapsed Time [s]	Mass [mg/m3]	Alarms	Errors
900	0.021		
1800	0.02		
2700	0.023		
3600	0.023		
4500	0.027		
5400	0.026		
6300	0.024		
7200	0.026		
8100	0.024		
9000	0.025		
9900	0.027		
10800	0.026		
11700	0.025		
12600	0.023		
13500	0.026		
14400	0.026		
15300	0.028		
16200	0.028		
17100	0.02		
18000	0.018		
18900	0.018		
19800	0.017		
20700	0.017		
21600	0.017		
22500	0.018		
23400	0.017		
24300	0.018		
25200	0.017		
26100	0.017		
27000	0.018		
27900	0.019		
28800	0.018		
29700	0.023		
30600	0.023		
31500	0.021		
32400	0.023		
33300	0.024		
34200	0.026		
35100	0.022		
36000	0.024		
36900	0.023		
37800	0.022		
38700	0.02		

Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530143123
Firmware Version	3
Calibration Date	8/4/2014
Test Name	UTC NORTH_001
Test Start Time	9:15:22 AM
Test Start Date	11/24/2014
Test Length [D:H:M]	0:08:15
Test Interval [M:S]	15:00
Mass Average [mg/m3]	0
Mass Minimum [mg/m3]	-0.004
Mass Maximum [mg/m3]	0.008
Mass TWA [mg/m3]	0
Photometric User Cal	1
Flow User Cal	0
Errors	
Number of Samples	33

Elapsed Time [s]	Mass [mg/m3]	Alarms	Errors
900	0		
1800	0		
2700	-0.002		
3600	-0.003		
4500	-0.004		
5400	-0.001		
6300	-0.002		
7200	-0.004		
8100	-0.004		
9000	-0.004		
9900	-0.003		
10800	-0.003		
11700	-0.003		
12600	-0.001		
13500	-0.001		
14400	-0.001		
15300	-0.001		
16200	0		
17100	0		
18000	0		
18900	0		
19800	0.001		
20700	0.008		
21600	0.007		
22500	0.002		
23400	0.003		
24300	0.003		
25200	0.006		
26100	0.003		
27000	0.001		
27900	0.001		
28800	0.001		
29700	0.002		

Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530143123
Firmware Version	3
Calibration Date	8/4/2014
Test Name	UTC NORTH_002
Test Start Time	8:40:15 AM
Test Start Date	11/25/2014
Test Length [D:H:M]	0:07:30
Test Interval [M:S]	15:00
Mass Average [mg/m3]	0.005
Mass Minimum [mg/m3]	0.003
Mass Maximum [mg/m3]	0.02
Mass TWA [mg/m3]	0.005
Photometric User Cal	1
Flow User Cal	0
Errors	
Number of Samples	30

Elapsed Time [s]	Mass [mg/m3]	Alarms	Errors
900	0.02		
1800	0.01		
2700	0.007		
3600	0.011		
4500	0.005		
5400	0.003		
6300	0.004		
7200	0.005		
8100	0.005		
9000	0.005		
9900	0.004		
10800	0.005		
11700	0.005		
12600	0.005		
13500	0.005		
14400	0.005		
15300	0.003		
16200	0.004		
17100	0.004		
18000	0.004		
18900	0.004		
19800	0.004		
20700	0.004		
21600	0.004		
22500	0.003		
23400	0.003		
24300	0.003		
25200	0.003		
26100	0.003		
27000	0.004		

Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530143123
Firmware Version	3
Calibration Date	8/4/2014
Test Name	UTC NORTH_001
Test Start Time	9:37:15 AM
Test Start Date	12/2/2014
Test Length [D:H:M]	0:07:30
Test Interval [M:S]	15:00
Mass Average [mg/m3]	0.012
Mass Minimum [mg/m3]	0.006
Mass Maximum [mg/m3]	0.016
Mass TWA [mg/m3]	0.011
Photometric User Cal	1
Flow User Cal	0
Errors	
Number of Samples	30

Elapsed Time [s]	Mass [mg/m3]	Alarms	Errors
900	0.011		
1800	0.009		
2700	0.009		
3600	0.008		
4500	0.007		
5400	0.007		
6300	0.008		
7200	0.006		
8100	0.007		
9000	0.006		
9900	0.007		
10800	0.007		
11700	0.007		
12600	0.008		
13500	0.007		
14400	0.007		
15300	0.008		
16200	0.009		
17100	0.012		
18000	0.008		
18900	0.007		
19800	0.008		
20700	0.008		
21600	0.008		
22500	0.011		
23400	0.011		
24300	0.011		
25200	0.009		
26100	0.013		
27000	0.016		

Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530143123
Firmware Version	3
Calibration Date	8/4/2014
Test Name	UTC NORTH_002
Test Start Time	9:38:11 AM
Test Start Date	12/3/2014
Test Length [D:H:M]	0:07:15
Test Interval [M:S]	15:00
Mass Average [mg/m3]	0.02
Mass Minimum [mg/m3]	0.014
Mass Maximum [mg/m3]	0.033
Mass TWA [mg/m3]	0.019
Photometric User Cal	1
Flow User Cal	0
Errors	
Number of Samples	29

Elapsed Time [s]	Mass [mg/m3]	Alarms	Errors
900	0.014		
1800	0.014		
2700	0.015		
3600	0.014		
4500	0.014		
5400	0.021		
6300	0.02		
7200	0.023		
8100	0.03		
9000	0.027		
9900	0.033		
10800	0.029		
11700	0.027		
12600	0.024		
13500	0.019		
14400	0.018		
15300	0.017		
16200	0.018		
17100	0.018		
18000	0.02		
18900	0.022		
19800	0.022		
20700	0.021		
21600	0.021		
22500	0.02		
23400	0.019		
24300	0.018		
25200	0.017		
26100	0.017		

Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530143123
Firmware Version	3
Calibration Date	8/4/2014
Test Name	UTC NORTH_003
Test Start Time	10:56:12 AM
Test Start Date	12/4/2014
Test Length [D:H:M]	0:05:45
Test Interval [M:S]	15:00
Mass Average [mg/m3]	0.023
Mass Minimum [mg/m3]	0.018
Mass Maximum [mg/m3]	0.03
Mass TWA [mg/m3]	0.017
Photometric User Cal	1
Flow User Cal	0
Errors	
Number of Samples	23

Elapsed Time [s]	Mass [mg/m3]	Alarms	Errors
900	0.019		
1800	0.018		
2700	0.019		
3600	0.019		
4500	0.02		
5400	0.021		
6300	0.022		
7200	0.021		
8100	0.022		
9000	0.024		
9900	0.025		
10800	0.025		
11700	0.026		
12600	0.027		
13500	0.026		
14400	0.027		
15300	0.028		
16200	0.028		
17100	0.03		
18000	0.024		
18900	0.022		
19800	0.019		
20700	0.019		

Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530143123
Firmware Version	3
Calibration Date	8/4/2014
Test Name	UTC NORTH_001
Test Start Time	8:53:37 AM
Test Start Date	12/8/2014
Test Length [D:H:M]	0:09:00
Test Interval [M:S]	15:00
Mass Average [mg/m3]	0.011
Mass Minimum [mg/m3]	0.006
Mass Maximum [mg/m3]	0.019
Mass TWA [mg/m3]	0.011
Photometric User Cal	1
Flow User Cal	0
Errors	
Number of Samples	36

Elapsed Time [s]	Mass [mg/m3]	Alarms	Errors
900	0.019		
1800	0.017		
2700	0.016		
3600	0.016		
4500	0.016		
5400	0.016		
6300	0.015		
7200	0.014		
8100	0.014		
9000	0.013		
9900	0.013		
10800	0.012		
11700	0.012		
12600	0.012		
13500	0.011		
14400	0.009		
15300	0.008		
16200	0.008		
17100	0.008		
18000	0.008		
18900	0.008		
19800	0.008		
20700	0.007		
21600	0.006		
22500	0.008		
23400	0.007		
24300	0.006		
25200	0.007		
26100	0.007		
27000	0.008		
27900	0.008		
28800	0.009		
29700	0.009		
30600	0.01		
31500	0.011		
32400	0.011		

Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530143123
Firmware Version	3
Calibration Date	8/4/2014
Test Name	UTC NORTH_002
Test Start Time	8:54:38 AM
Test Start Date	12/9/2014
Test Length [D:H:M]	0:07:45
Test Interval [M:S]	15:00
Mass Average [mg/m3]	0.02
Mass Minimum [mg/m3]	0.009
Mass Maximum [mg/m3]	0.032
Mass TWA [mg/m3]	0.02
Photometric User Cal	1
Flow User Cal	0
Errors	
Number of Samples	31

Elapsed Time [s]	Mass [mg/m3]	Alarms	Errors
900	0.032		
1800	0.029		
2700	0.03		
3600	0.031		
4500	0.03		
5400	0.03		
6300	0.029		
7200	0.027		
8100	0.027		
9000	0.025		
9900	0.023		
10800	0.022		
11700	0.021		
12600	0.02		
13500	0.019		
14400	0.018		
15300	0.017		
16200	0.016		
17100	0.015		
18000	0.017		
18900	0.014		
19800	0.01		
20700	0.009		
21600	0.01		
22500	0.011		
23400	0.011		
24300	0.014		
25200	0.019		
26100	0.018		
27000	0.018		
27900	0.019		

Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530143123
Firmware Version	3
Calibration Date	8/4/2014
Test Name	UTC NORTH_003
Test Start Time	9:20:58 AM
Test Start Date	12/12/2014
Test Length [D:H:M]	0:05:00
Test Interval [M:S]	15:00
Mass Average [mg/m3]	0.017
Mass Minimum [mg/m3]	0.011
Mass Maximum [mg/m3]	0.072
Mass TWA [mg/m3]	0.01
Photometric User Cal	1
Flow User Cal	0
Errors	
Number of Samples	20

Elapsed Time [s]	Mass [mg/m3]	Alarms	Errors
900	0.072		
1800	0.016		
2700	0.015		
3600	0.014		
4500	0.015		
5400	0.012		
6300	0.012		
7200	0.011		
8100	0.011		
9000	0.011		
9900	0.012		
10800	0.012		
11700	0.012		
12600	0.015		
13500	0.013		
14400	0.018		
15300	0.016		
16200	0.018		
17100	0.015		
18000	0.013		

SOUTHERN CAMP MONITORING STATION DATA

Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530142614
Firmware Version	3
Calibration Date	6/25/2014
Test Name	UTC SOUTH_001
Test Start Time	9:33:41 AM
Test Start Date	7/31/2014
Test Length [D:H:M]	0:07:45
Test Interval [M:S]	15:00
Mass Average [mg/m3]	0.029
Mass Minimum [mg/m3]	0.022
Mass Maximum [mg/m3]	0.043
Mass TWA [mg/m3]	0.028
Photometric User Cal	1
Flow User Cal	0
Errors	
Number of Samples	31

Elapsed Time [s]	Mass [mg/m3]	Alarms	Errors
900	0.027		
1800	0.025		
2700	0.025		
3600	0.024		
4500	0.024		
5400	0.024		
6300	0.025		
7200	0.022		
8100	0.023		
9000	0.03		
9900	0.027		
10800	0.023		
11700	0.023		
12600	0.024		
13500	0.029		
14400	0.029		
15300	0.03		
16200	0.03		
17100	0.038		
18000	0.034		
18900	0.029		
19800	0.029		
20700	0.035		
21600	0.043		
22500	0.034		
23400	0.031		
24300	0.031		
25200	0.028		
26100	0.026		
27000	0.028		
27900	0.034		

Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530142614
Firmware Version	3
Calibration Date	6/25/2014
Test Name	UTC SOUTH_003
Test Start Time	8:37:37 AM
Test Start Date	8/1/2014
Test Length [D:H:M]	0:08:23
Test Interval [M:S]	15:00
Mass Average [mg/m3]	0.053
Mass Minimum [mg/m3]	0
Mass Maximum [mg/m3]	0.065
Mass TWA [mg/m3]	0.05
Photometric User Cal	1
Flow User Cal	0
Errors	
Number of Samples	31

Elapsed Time [s]	Mass [mg/m3]	Alarms	Errors
900	0.06		
1800	0.06		
2700	0.054		
3600	0.055		
4500	0.054		
5400	0.054		
6300	0.054		
7200	0.054		
8100	0.055		
9000	0.054		
9900	0.053		
10800	0.05		
11700	0.05		
12600	0.049		
13500	0.051		
14400	0.052		
15300	0.052		
16200	0.051		
17100	0.053		
18000	0.054		
18900	0.053		
19800	0.056		
20700	0.057		
21600	0.056		
22500	0.057		
23400	0.059		
24300	0.06		
25200	0.062		
26100	0.062		
27000	0.065		
30221	0		

Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530123002
Firmware Version	3
Calibration Date	9/19/2013
Test Name	UTC SOUTH_002
Test Start Time	8:48:07 AM
Test Start Date	8/4/2014
Test Length [D:H:M]	0:08:15
Test Interval [M:S]	15:00
Mass Average [mg/m3]	0.047
Mass Minimum [mg/m3]	0.04
Mass Maximum [mg/m3]	0.058
Mass TWA [mg/m3]	0.047
Photometric User Cal	1
Flow User Cal	0
Errors	
Number of Samples	33

Elapsed Time [s]	Mass [mg/m3]	Alarms	Errors
900	0.058		
1800	0.052		
2700	0.052		
3600	0.05		
4500	0.049		
5400	0.05		
6300	0.048		
7200	0.046		
8100	0.042		
9000	0.046		
9900	0.045		
10800	0.043		
11700	0.041		
12600	0.04		
13500	0.04		
14400	0.041		
15300	0.043		
16200	0.045		
17100	0.045		
18000	0.045		
18900	0.044		
19800	0.046		
20700	0.048		
21600	0.049		
22500	0.049		
23400	0.049		
24300	0.048		
25200	0.049		
26100	0.049		
27000	0.05		
27900	0.05		
28800	0.049		
29700	0.049		

Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530123002
Firmware Version	3
Calibration Date	9/19/2013
Test Name	UTC SOUTH_003
Test Start Time	8:00:37 AM
Test Start Date	8/5/2014
Test Length [D:H:M]	0:08:45
Test Interval [M:S]	15:00
Mass Average [mg/m3]	0.06
Mass Minimum [mg/m3]	0.044
Mass Maximum [mg/m3]	0.075
Mass TWA [mg/m3]	0.06
Photometric User Cal	1
Flow User Cal	0
Errors	
Number of Samples	35

Elapsed Time [s]	Mass [mg/m3]	Alarms	Errors
900	0.063		
1800	0.06		
2700	0.058		
3600	0.069		
4500	0.056		
5400	0.056		
6300	0.054		
7200	0.053		
8100	0.051		
9000	0.047		
9900	0.05		
10800	0.057		
11700	0.058		
12600	0.059		
13500	0.06		
14400	0.06		
15300	0.06		
16200	0.06		
17100	0.06		
18000	0.059		
18900	0.058		
19800	0.059		
20700	0.059		
21600	0.061		
22500	0.051		
23400	0.06		
24300	0.073		
25200	0.075		
26100	0.073		
27000	0.071		
27900	0.071		
28800	0.069		
29700	0.068		
30600	0.056		
31500	0.044		

Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530123002
Firmware Version	3
Calibration Date	9/19/2013
Test Name	UTC SOUTH_004
Test Start Time	7:57:45 AM
Test Start Date	8/6/2014
Test Length [D:H:M]	0:08:45
Test Interval [M:S]	15:00
Mass Average [mg/m3]	0.022
Mass Minimum [mg/m3]	0.013
Mass Maximum [mg/m3]	0.049
Mass TWA [mg/m3]	0.023
Photometric User Cal	1
Flow User Cal	0
Errors	
Number of Samples	35

Elapsed Time [s]	Mass [mg/m3]	Alarms	Errors
900	0.049		
1800	0.043		
2700	0.039		
3600	0.034		
4500	0.031		
5400	0.03		
6300	0.026		
7200	0.027		
8100	0.024		
9000	0.022		
9900	0.018		
10800	0.019		
11700	0.02		
12600	0.021		
13500	0.02		
14400	0.021		
15300	0.019		
16200	0.019		
17100	0.021		
18000	0.022		
18900	0.022		
19800	0.021		
20700	0.022		
21600	0.022		
22500	0.018		
23400	0.018		
24300	0.017		
25200	0.016		
26100	0.015		
27000	0.016		
27900	0.015		
28800	0.013		
29700	0.014		
30600	0.015		
31500	0.016		

Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530123002
Firmware Version	3
Calibration Date	9/19/2013
Test Name	UTC SOUTH_005
Test Start Time	6:59:05 AM
Test Start Date	8/7/2014
Test Length [D:H:M]	0:09:45
Test Interval [M:S]	15:00
Mass Average [mg/m3]	0.024
Mass Minimum [mg/m3]	0.019
Mass Maximum [mg/m3]	0.031
Mass TWA [mg/m3]	0.024
Photometric User Cal	1
Flow User Cal	0
Errors	
Number of Samples	39

Elapsed Time [s]	Mass [mg/m3]	Alarms	Errors
900	0.029		
1800	0.028		
2700	0.031		
3600	0.03		
4500	0.028		
5400	0.027		
6300	0.026		
7200	0.027		
8100	0.026		
9000	0.024		
9900	0.022		
10800	0.021		
11700	0.02		
12600	0.02		
13500	0.02		
14400	0.02		
15300	0.021		
16200	0.02		
17100	0.021		
18000	0.019		
18900	0.02		
19800	0.02		
20700	0.021		
21600	0.022		
22500	0.024		
23400	0.024		
24300	0.024		
25200	0.027		
26100	0.026		
27000	0.026		
27900	0.026		
28800	0.029		
29700	0.025		
30600	0.027		
31500	0.025		
32400	0.025		
33300	0.024		
34200	0.024		
35100	0.025		

Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530123002
Firmware Version	3
Calibration Date	9/19/2013
Test Name	UTC SOUTH_001
Test Start Time	7:13:55 AM
Test Start Date	8/8/2014
Test Length [D:H:M]	0:09:00
Test Interval [M:S]	15:00
Mass Average [mg/m3]	0.024
Mass Minimum [mg/m3]	0.014
Mass Maximum [mg/m3]	0.066
Mass TWA [mg/m3]	0.026
Photometric User Cal	1
Flow User Cal	0
Errors	
Number of Samples	36

Elapsed Time [s]	Mass [mg/m3]	Alarms	Errors
900	0.025		
1800	0.027		
2700	0.024		
3600	0.028		
4500	0.058		
5400	0.066		
6300	0.032		
7200	0.058		
8100	0.028		
9000	0.028		
9900	0.022		
10800	0.04		
11700	0.037		
12600	0.025		
13500	0.022		
14400	0.023		
15300	0.019		
16200	0.018		
17100	0.021		
18000	0.019		
18900	0.016		
19800	0.028		
20700	0.014		
21600	0.015		
22500	0.014		
23400	0.026		
24300	0.015		
25200	0.014		
26100	0.015		
27000	0.016		
27900	0.015		
28800	0.015		
29700	0.015		
30600	0.014		
31500	0.014		
32400	0.014		

Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530123002
Firmware Version	3
Calibration Date	9/19/2013
Test Name	UTC SOUTH_002
Test Start Time	7:16:08 AM
Test Start Date	8/11/2014
Test Length [D:H:M]	0:09:00
Test Interval [M:S]	15:00
Mass Average [mg/m3]	0.029
Mass Minimum [mg/m3]	0.023
Mass Maximum [mg/m3]	0.05
Mass TWA [mg/m3]	0.029
Photometric User Cal	1
Flow User Cal	0
Errors	
Number of Samples	36

Elapsed Time [s]	Mass [mg/m3]	Alarms	Errors
900	0.043		
1800	0.029		
2700	0.028		
3600	0.027		
4500	0.025		
5400	0.025		
6300	0.024		
7200	0.025		
8100	0.023		
9000	0.025		
9900	0.024		
10800	0.025		
11700	0.026		
12600	0.026		
13500	0.028		
14400	0.031		
15300	0.039		
16200	0.031		
17100	0.028		
18000	0.025		
18900	0.023		
19800	0.027		
20700	0.024		
21600	0.025		
22500	0.026		
23400	0.033		
24300	0.027		
25200	0.031		
26100	0.05		
27000	0.033		
27900	0.027		
28800	0.033		
29700	0.024		
30600	0.025		
31500	0.025		
32400	0.038		

Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530123002
Firmware Version	3
Calibration Date	9/19/2013
Test Name	UTC SOUTH_001
Test Start Time	7:17:44 AM
Test Start Date	8/14/2014
Test Length [D:H:M]	0:09:15
Test Interval [M:S]	15:00
Mass Average [mg/m3]	0.011
Mass Minimum [mg/m3]	0.005
Mass Maximum [mg/m3]	0.016
Mass TWA [mg/m3]	0.011
Photometric User Cal	1
Flow User Cal	0
Errors	
Number of Samples	37

Elapsed Time [s]	Mass [mg/m3]	Alarms	Errors
900	0.016		
1800	0.01		
2700	0.009		
3600	0.009		
4500	0.008		
5400	0.007		
6300	0.007		
7200	0.006		
8100	0.006		
9000	0.005		
9900	0.007		
10800	0.009		
11700	0.01		
12600	0.011		
13500	0.01		
14400	0.01		
15300	0.011		
16200	0.011		
17100	0.011		
18000	0.011		
18900	0.01		
19800	0.012		
20700	0.012		
21600	0.013		
22500	0.015		
23400	0.013		
24300	0.012		
25200	0.013		
26100	0.016		
27000	0.013		
27900	0.013		
28800	0.013		
29700	0.012		
30600	0.012		
31500	0.011		
32400	0.01		
33300	0.011		

Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530123002
Firmware Version	3
Calibration Date	9/19/2013
Test Name	UTC SOUTH_001
Test Start Time	7:00:32 AM
Test Start Date	8/18/2014
Test Length [D:H:M]	0:23:56
Test Interval [M:S]	15:00
Mass Average [mg/m3]	0.01
Mass Minimum [mg/m3]	0
Mass Maximum [mg/m3]	0.016
Mass TWA [mg/m3]	0
Photometric User Cal	1
Flow User Cal	0
Errors	
Number of Samples	44

Elapsed Time [s]	Mass [mg/m3]	Alarms	Errors
900	0.016		
1800	0.012		
2700	0.012		
3600	0.012		
4500	0.011		
5400	0.011		
6300	0.01		
7200	0.01		
8100	0.011		
9000	0.01		
9900	0.01		
10800	0.01		
11700	0.01		
12600	0.01		
13500	0.011		
14400	0.011		
15300	0.011		
16200	0.01		
17100	0.01		
18000	0.01		
18900	0.01		
19800	0.01		
20700	0.009		
21600	0.01		
22500	0.01		
23400	0.01		
24300	0.009		
25200	0.009		
26100	0.009		
27000	0.014		
27900	0.01		
28800	0.011		
29700	0.01		
30600	0.014		
31500	0.014		
32400	0.009		
33300	0.012		
34200	0.011		
35100	0.01		
36000	0.011		
36900	0.01		
37800	0.01		
38700	0.01		
86197	0		

Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530123002
Firmware Version	3
Calibration Date	9/19/2013
Test Name	UTC SOUTH_002
Test Start Time	7:02:13 AM
Test Start Date	8/19/2014
Test Length [D:H:M]	0:09:42
Test Interval [M:S]	15:00
Mass Average [mg/m3]	0.011
Mass Minimum [mg/m3]	0
Mass Maximum [mg/m3]	0.028
Mass TWA [mg/m3]	0.003
Photometric User Cal	1
Flow User Cal	0
Errors	
Number of Samples	11

Elapsed Time [s]	Mass [mg/m3]	Alarms	Errors
900	0.028		
1800	0.011		
2700	0.01		
3600	0.01		
4500	0.01		
5400	0.011		
6300	0.01		
7200	0.01		
8100	0.009		
9000	0.009		
34971	0		

Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530123002
Firmware Version	3
Calibration Date	9/19/2013
Test Name	UTC SOUTH_001
Test Start Time	7:01:00 AM
Test Start Date	8/20/2014
Test Length [D:H:M]	0:07:45
Test Interval [M:S]	15:00
Mass Average [mg/m3]	0.045
Mass Minimum [mg/m3]	0.022
Mass Maximum [mg/m3]	0.074
Mass TWA [mg/m3]	0.043
Photometric User Cal	1
Flow User Cal	0
Errors	
Number of Samples	31

Elapsed Time [s]	Mass [mg/m3]	Alarms	Errors
900	0.029		
1800	0.022		
2700	0.023		
3600	0.024		
4500	0.024		
5400	0.024		
6300	0.025		
7200	0.026		
8100	0.028		
9000	0.029		
9900	0.032		
10800	0.051		
11700	0.046		
12600	0.048		
13500	0.047		
14400	0.046		
15300	0.047		
16200	0.048		
17100	0.049		
18000	0.048		
18900	0.052		
19800	0.05		
20700	0.053		
21600	0.056		
22500	0.07		
23400	0.06		
24300	0.065		
25200	0.062		
26100	0.074		
27000	0.066		
27900	0.064		

Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530123002
Firmware Version	3
Calibration Date	9/19/2013
Test Name	UTC SOUTH_002
Test Start Time	7:09:22 AM
Test Start Date	8/21/2014
Test Length [D:H:M]	0:07:45
Test Interval [M:S]	15:00
Mass Average [mg/m3]	0.02
Mass Minimum [mg/m3]	0.007
Mass Maximum [mg/m3]	0.043
Mass TWA [mg/m3]	0.019
Photometric User Cal	1
Flow User Cal	0
Errors	
Number of Samples	31

Elapsed Time [s]	Mass [mg/m3]	Alarms	Errors
900	0.043		
1800	0.041		
2700	0.04		
3600	0.039		
4500	0.039		
5400	0.04		
6300	0.037		
7200	0.034		
8100	0.032		
9000	0.029		
9900	0.029		
10800	0.027		
11700	0.012		
12600	0.02		
13500	0.007		
14400	0.007		
15300	0.008		
16200	0.008		
17100	0.008		
18000	0.007		
18900	0.007		
19800	0.007		
20700	0.007		
21600	0.007		
22500	0.009		
23400	0.009		
24300	0.009		
25200	0.01		
26100	0.01		
27000	0.017		
27900	0.018		

Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530123002
Firmware Version	3
Calibration Date	9/19/2013
Test Name	UTC SOUTH_001
Test Start Time	9:09:47 AM
Test Start Date	8/22/2014
Test Length [D:H:M]	0:05:45
Test Interval [M:S]	15:00
Mass Average [mg/m3]	0.016
Mass Minimum [mg/m3]	0.013
Mass Maximum [mg/m3]	0.024
Mass TWA [mg/m3]	0.012
Photometric User Cal	1
Flow User Cal	0
Errors	
Number of Samples	23

Elapsed Time [s]	Mass [mg/m3]	Alarms	Errors
900	0.015		
1800	0.016		
2700	0.015		
3600	0.014		
4500	0.014		
5400	0.014		
6300	0.014		
7200	0.014		
8100	0.014		
9000	0.014		
9900	0.013		
10800	0.014		
11700	0.014		
12600	0.014		
13500	0.014		
14400	0.016		
15300	0.018		
16200	0.021		
17100	0.021		
18000	0.02		
18900	0.024		
19800	0.023		
20700	0.019		

Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530123002
Firmware Version	3
Calibration Date	9/19/2013
Test Name	UTC SOUTH_001
Test Start Time	7:02:59 AM
Test Start Date	8/25/2014
Test Length [D:H:M]	0:11:45
Test Interval [M:S]	15:00
Mass Average [mg/m3]	0.013
Mass Minimum [mg/m3]	0
Mass Maximum [mg/m3]	0.018
Mass TWA [mg/m3]	0
Photometric User Cal	1
Flow User Cal	0
Errors	
Number of Samples	33

Elapsed Time [s]	Mass [mg/m3]	Alarms	Errors
900	0.018		
1800	0.015		
2700	0.015		
3600	0.016		
4500	0.015		
5400	0.015		
6300	0.015		
7200	0.015		
8100	0.013		
9000	0.014		
9900	0.013		
10800	0.013		
11700	0.015		
12600	0.014		
13500	0.015		
14400	0.014		
15300	0.015		
16200	0.015		
17100	0.013		
18000	0.013		
18900	0.013		
19800	0.014		
20700	0.013		
21600	0.015		
22500	0.014		
23400	0.013		
24300	0.013		
25200	0.014		
26100	0.014		
27000	0.015		
27900	0.014		
37538	0		
42320	0		

Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530123002
Firmware Version	3
Calibration Date	9/19/2013
Test Name	UTC SOUTH_002
Test Start Time	7:02:12 AM
Test Start Date	8/26/2014
Test Length [D:H:M]	0:12:39
Test Interval [M:S]	15:00
Mass Average [mg/m3]	0.02
Mass Minimum [mg/m3]	0
Mass Maximum [mg/m3]	0.034
Mass TWA [mg/m3]	0
Photometric User Cal	1
Flow User Cal	0
Errors	
Number of Samples	44

Elapsed Time [s]	Mass [mg/m3]	Alarms	Errors
900	0.024		
1800	0.019		
2700	0.018		
3600	0.022		
4500	0.02		
5400	0.019		
6300	0.019		
7200	0.028		
8100	0.034		
9000	0.021		
9900	0.023		
10800	0.024		
11700	0.021		
12600	0.023		
13500	0.022		
14400	0.03		
15300	0.02		
16200	0.019		
17100	0.028		
18000	0.024		
18900	0.033		
19800	0.02		
20700	0.018		
21600	0.029		
22500	0.024		
23400	0.02		
24300	0.019		
25200	0.019		
26100	0.027		
27000	0.023		
27900	0.015		
28800	0.016		
29700	0.019		
30600	0.017		
31500	0.027		
32400	0.021		
33300	0.012		
34200	0.011		
35100	0.009		
36000	0.01		
36900	0.011		
37800	0.011		
38700	0.011		
45587	0		

Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530123002
Firmware Version	3
Calibration Date	9/19/2013
Test Name	UTC SOUTH_003
Test Start Time	11:12:56 AM
Test Start Date	8/27/2014
Test Length [D:H:M]	0:07:16
Test Interval [M:S]	15:00
Mass Average [mg/m3]	0
Mass Minimum [mg/m3]	0
Mass Maximum [mg/m3]	0
Mass TWA [mg/m3]	0
Photometric User Cal	1
Flow User Cal	0
Errors	
Number of Samples	1

Elapsed Time [s]	Mass [mg/m3]	Alarms	Errors
26214		0	

Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530123002
Firmware Version	3
Calibration Date	9/19/2013
Test Name	UTC SOUTH_004
Test Start Time	6:57:02 AM
Test Start Date	8/28/2014
Test Length [D:H:M]	0:10:30
Test Interval [M:S]	15:00
Mass Average [mg/m3]	0.015
Mass Minimum [mg/m3]	0.005
Mass Maximum [mg/m3]	0.09
Mass TWA [mg/m3]	0.017
Photometric User Cal	1
Flow User Cal	0
Errors	
Number of Samples	42

Elapsed Time [s]	Mass [mg/m3]	Alarms	Errors
900	0.032		
1800	0.017		
2700	0.005		
3600	0.006		
4500	0.018		
5400	0.005		
6300	0.006		
7200	0.005		
8100	0.005		
9000	0.012		
9900	0.014		
10800	0.01		
11700	0.01		
12600	0.025		
13500	0.012		
14400	0.024		
15300	0.027		
16200	0.017		
17100	0.012		
18000	0.011		
18900	0.01		
19800	0.008		
20700	0.01		
21600	0.01		
22500	0.014		
23400	0.008		
24300	0.014		
25200	0.008		
26100	0.006		
27000	0.09		
27900	0.082		
28800	0.009		
29700	0.007		
30600	0.018		
31500	0.009		
32400	0.015		
33300	0.006		
34200	0.006		
35100	0.007		
36000	0.01		
36900	0.006		
37800	0.007		

Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530123002
Firmware Version	3
Calibration Date	9/19/2013
Test Name	UTC SOUTH_005
Test Start Time	6:48:27 AM
Test Start Date	8/29/2014
Test Length [D:H:M]	0:05:30
Test Interval [M:S]	15:00
Mass Average [mg/m3]	0.012
Mass Minimum [mg/m3]	0.003
Mass Maximum [mg/m3]	0.042
Mass TWA [mg/m3]	0.008
Photometric User Cal	1
Flow User Cal	0
Errors	
Number of Samples	22

Elapsed Time [s]	Mass [mg/m3]	Alarms	Errors
900	0.042		
1800	0.017		
2700	0.019		
3600	0.012		
4500	0.012		
5400	0.016		
6300	0.011		
7200	0.011		
8100	0.008		
9000	0.01		
9900	0.009		
10800	0.008		
11700	0.008		
12600	0.022		
13500	0.008		
14400	0.008		
15300	0.008		
16200	0.007		
17100	0.006		
18000	0.006		
18900	0.02		
19800	0.003		

Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530123002
Firmware Version	3
Calibration Date	9/19/2013
Test Name	UTC SOUTH_001
Test Start Time	9:48:32 AM
Test Start Date	9/3/2014
Test Length [D:H:M]	0:06:45
Test Interval [M:S]	15:00
Mass Average [mg/m3]	0.018
Mass Minimum [mg/m3]	0.011
Mass Maximum [mg/m3]	0.045
Mass TWA [mg/m3]	0.015
Photometric User Cal	1
Flow User Cal	0
Errors	
Number of Samples	27

Elapsed Time [s]	Mass [mg/m3]	Alarms	Errors
900	0.045		
1800	0.031		
2700	0.027		
3600	0.033		
4500	0.021		
5400	0.019		
6300	0.018		
7200	0.016		
8100	0.015		
9000	0.017		
9900	0.014		
10800	0.015		
11700	0.014		
12600	0.016		
13500	0.013		
14400	0.014		
15300	0.014		
16200	0.012		
17100	0.012		
18000	0.018		
18900	0.02		
19800	0.011		
20700	0.012		
21600	0.012		
22500	0.011		
23400	0.011		
24300	0.012		

Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530123002
Firmware Version	3
Calibration Date	9/19/2013
Test Name	UTC SOUTH_002
Test Start Time	7:53:07 AM
Test Start Date	9/4/2014
Test Length [D:H:M]	0:08:45
Test Interval [M:S]	15:00
Mass Average [mg/m3]	0.027
Mass Minimum [mg/m3]	0.016
Mass Maximum [mg/m3]	0.049
Mass TWA [mg/m3]	0.027
Photometric User Cal	1
Flow User Cal	0
Errors	
Number of Samples	35

Elapsed Time [s]	Mass [mg/m3]	Alarms	Errors
900	0.017		
1800	0.016		
2700	0.018		
3600	0.016		
4500	0.017		
5400	0.017		
6300	0.017		
7200	0.017		
8100	0.022		
9000	0.017		
9900	0.02		
10800	0.03		
11700	0.02		
12600	0.019		
13500	0.036		
14400	0.026		
15300	0.031		
16200	0.026		
17100	0.039		
18000	0.042		
18900	0.029		
19800	0.034		
20700	0.038		
21600	0.036		
22500	0.049		
23400	0.045		
24300	0.045		
25200	0.027		
26100	0.026		
27000	0.021		
27900	0.022		
28800	0.027		
29700	0.041		
30600	0.023		
31500	0.024		

Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530123002
Firmware Version	3
Calibration Date	9/19/2013
Test Name	UTC SOUTH_001
Test Start Time	7:51:31 AM
Test Start Date	9/5/2014
Test Length [D:H:M]	0:07:30
Test Interval [M:S]	15:00
Mass Average [mg/m3]	0.044
Mass Minimum [mg/m3]	0.032
Mass Maximum [mg/m3]	0.084
Mass TWA [mg/m3]	0.041
Photometric User Cal	1
Flow User Cal	0
Errors	
Number of Samples	30

Elapsed Time [s]	Mass [mg/m3]	Alarms	Errors
900	0.069		
1800	0.042		
2700	0.041		
3600	0.052		
4500	0.045		
5400	0.036		
6300	0.041		
7200	0.046		
8100	0.036		
9000	0.037		
9900	0.036		
10800	0.042		
11700	0.041		
12600	0.039		
13500	0.053		
14400	0.038		
15300	0.059		
16200	0.037		
17100	0.036		
18000	0.06		
18900	0.034		
19800	0.036		
20700	0.036		
21600	0.035		
22500	0.039		
23400	0.059		
24300	0.084		
25200	0.039		
26100	0.04		
27000	0.032		

Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530123002
Firmware Version	3
Calibration Date	9/19/2013
Test Name	UTC SOUTH_001
Test Start Time	7:52:54 AM
Test Start Date	9/8/2014
Test Length [D:H:M]	0:09:54
Test Interval [M:S]	15:00
Mass Average [mg/m3]	0.014
Mass Minimum [mg/m3]	0
Mass Maximum [mg/m3]	0.119
Mass TWA [mg/m3]	0.01
Photometric User Cal	1
Flow User Cal	0
Errors	
Number of Samples	23

Elapsed Time [s]	Mass [mg/m3]	Alarms	Errors
900	0.119		2
1800	0.08		
2700	0.003		
3600	0.007		
4500	0.021		
5400	0.002		
6300	0.003		
7200	0.001		
8100	0.005		
9000	0		
9900	0.004		
10800	0.034		
11700	0.001		
12600	0		
13500	0		
14400	0		
15300	0		
16200	0		
17100	0		
18000	0.02		
18900	0.02		
19800	0.007		
35646	0		

Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530123002
Firmware Version	3
Calibration Date	9/19/2013
Test Name	UTC SOUTH_002
Test Start Time	8:10:51 AM
Test Start Date	9/9/2014
Test Length [D:H:M]	0:08:15
Test Interval [M:S]	15:00
Mass Average [mg/m3]	0.015
Mass Minimum [mg/m3]	0.005
Mass Maximum [mg/m3]	0.044
Mass TWA [mg/m3]	0.015
Photometric User Cal	1
Flow User Cal	0
Errors	
Number of Samples	33

Elapsed Time [s]	Mass [mg/m3]	Alarms	Errors
900	0.013		
1800	0.014		
2700	0.01		
3600	0.009		
4500	0.008		
5400	0.007		
6300	0.008		
7200	0.005		
8100	0.005		
9000	0.008		
9900	0.007		
10800	0.006		
11700	0.007		
12600	0.025		
13500	0.038		
14400	0.006		
15300	0.005		
16200	0.028		
17100	0.028		
18000	0.017		
18900	0.008		
19800	0.021		
20700	0.012		
21600	0.009		
22500	0.044		
23400	0.014		
24300	0.009		
25200	0.015		
26100	0.037		
27000	0.031		
27900	0.014		
28800	0.006		
29700	0.006		

Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530123002
Firmware Version	3
Calibration Date	9/19/2013
Test Name	UTC SOUTH_003
Test Start Time	7:54:35 AM
Test Start Date	9/10/2014
Test Length [D:H:M]	0:10:45
Test Interval [M:S]	15:00
Mass Average [mg/m3]	0.022
Mass Minimum [mg/m3]	0.007
Mass Maximum [mg/m3]	0.14
Mass TWA [mg/m3]	0.026
Photometric User Cal	1
Flow User Cal	0
Errors	
Number of Samples	43

Elapsed Time [s]	Mass [mg/m3]	Alarms	Errors
900	0.016		
1800	0.007		
2700	0.008		
3600	0.014		
4500	0.013		
5400	0.024		
6300	0.013		
7200	0.033		
8100	0.015		
9000	0.023		
9900	0.055		
10800	0.042		
11700	0.027		
12600	0.023		
13500	0.017		
14400	0.06		
15300	0.031		
16200	0.009		
17100	0.025		
18000	0.025		
18900	0.027		
19800	0.021		
20700	0.14	2	
21600	0.035		
22500	0.023		
23400	0.009		
24300	0.016		
25200	0.017		
26100	0.02		
27000	0.009		
27900	0.025		
28800	0.008		
29700	0.017		
30600	0.01		
31500	0.01		
32400	0.009		
33300	0.009		
34200	0.009		
35100	0.008		
36000	0.009		
36900	0.009		
37800	0.009		
38700	0.013		

Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530123002
Firmware Version	3
Calibration Date	9/19/2013
Test Name	UTC SOUTH_001
Test Start Time	7:58:55 AM
Test Start Date	9/11/2014
Test Length [D:H:M]	0:09:00
Test Interval [M:S]	15:00
Mass Average [mg/m3]	0.019
Mass Minimum [mg/m3]	0.006
Mass Maximum [mg/m3]	0.104
Mass TWA [mg/m3]	0.021
Photometric User Cal	1
Flow User Cal	0
Errors	
Number of Samples	36

Elapsed Time [s]	Mass [mg/m3]	Alarms	Errors
900	0.069		
1800	0.104	2	
2700	0.026		
3600	0.043		
4500	0.047		
5400	0.033		
6300	0.029		
7200	0.03		
8100	0.028		
9000	0.024		
9900	0.027		
10800	0.023		
11700	0.022		
12600	0.014		
13500	0.009		
14400	0.009		
15300	0.009		
16200	0.008		
17100	0.008		
18000	0.007		
18900	0.008		
19800	0.008		
20700	0.009		
21600	0.008		
22500	0.008		
23400	0.007		
24300	0.008		
25200	0.007		
26100	0.007		
27000	0.006		
27900	0.006		
28800	0.006		
29700	0.007		
30600	0.007		
31500	0.007		
32400	0.007		

Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530123002
Firmware Version	3
Calibration Date	9/19/2013
Test Name	UTC SOUTH_002
Test Start Time	8:22:21 AM
Test Start Date	9/12/2014
Test Length [D:H:M]	0:04:45
Test Interval [M:S]	15:00
Mass Average [mg/m3]	0.005
Mass Minimum [mg/m3]	0.003
Mass Maximum [mg/m3]	0.02
Mass TWA [mg/m3]	0.003
Photometric User Cal	1
Flow User Cal	0
Errors	
Number of Samples	19

Elapsed Time [s]	Mass [mg/m3]	Alarms	Errors
900	0.02		
1800	0.003		
2700	0.005		
3600	0.005		
4500	0.003		
5400	0.003		
6300	0.003		
7200	0.003		
8100	0.003		
9000	0.003		
9900	0.003		
10800	0.004		
11700	0.004		
12600	0.005		
13500	0.005		
14400	0.006		
15300	0.005		
16200	0.005		
17100	0.004		

Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530123002
Firmware Version	3
Calibration Date	9/19/2013
Test Name	UTC SOUTH_001
Test Start Time	7:20:09 AM
Test Start Date	9/15/2014
Test Length [D:H:M]	0:09:04
Test Interval [M:S]	15:00
Mass Average [mg/m3]	0.011
Mass Minimum [mg/m3]	0
Mass Maximum [mg/m3]	0.024
Mass TWA [mg/m3]	0
Photometric User Cal	1
Flow User Cal	0
Errors	
Number of Samples	35

Elapsed Time [s]	Mass [mg/m3]	Alarms	Errors
900	0.007		
1800	0.005		
2700	0.006		
3600	0.006		
4500	0.008		
5400	0.008		
6300	0.008		
7200	0.009		
8100	0.009		
9000	0.008		
9900	0.008		
10800	0.008		
11700	0.007		
12600	0.01		
13500	0.01		
14400	0.01		
15300	0.01		
16200	0.009		
17100	0.008		
18000	0.009		
18900	0.008		
19800	0.008		
20700	0.017		
21600	0.01		
22500	0.011		
23400	0.016		
24300	0.021		
25200	0.011		
26100	0.013		
27000	0.02		
27900	0.014		
28800	0.015		
29700	0.024		
30600	0.021		
32685	0		

Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530123002
Firmware Version	3
Calibration Date	9/19/2013
Test Name	UTC SOUTH_002
Test Start Time	8:09:23 AM
Test Start Date	9/17/2014
Test Length [D:H:M]	0:08:30
Test Interval [M:S]	15:00
Mass Average [mg/m3]	0.014
Mass Minimum [mg/m3]	0.007
Mass Maximum [mg/m3]	0.038
Mass TWA [mg/m3]	0.014
Photometric User Cal	1
Flow User Cal	0
Errors	
Number of Samples	34

Elapsed Time [s]	Mass [mg/m3]	Alarms	Errors
900	0.021		
1800	0.014		
2700	0.015		
3600	0.017		
4500	0.018		
5400	0.015		
6300	0.012		
7200	0.009		
8100	0.016		
9000	0.009		
9900	0.016		
10800	0.02		
11700	0.012		
12600	0.01		
13500	0.018		
14400	0.012		
15300	0.023		
16200	0.038		
17100	0.012		
18000	0.01		
18900	0.01		
19800	0.015		
20700	0.015		
21600	0.007		
22500	0.008		
23400	0.009		
24300	0.008		
25200	0.013		
26100	0.014		
27000	0.014		
27900	0.023		
28800	0.008		
29700	0.022		
30600	0.009		

Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530123002
Firmware Version	3
Calibration Date	9/19/2013
Test Name	UTC SOUTH_003
Test Start Time	6:34:34 AM
Test Start Date	9/18/2014
Test Length [D:H:M]	0:10:15
Test Interval [M:S]	15:00
Mass Average [mg/m3]	0.019
Mass Minimum [mg/m3]	0.006
Mass Maximum [mg/m3]	0.036
Mass TWA [mg/m3]	0.022
Photometric User Cal	1
Flow User Cal	0
Errors	
Number of Samples	41

Elapsed Time [s]	Mass [mg/m3]	Alarms	Errors
900	0.026		
1800	0.021		
2700	0.026		
3600	0.036		
4500	0.027		
5400	0.034		
6300	0.034		
7200	0.024		
8100	0.025		
9000	0.031		
9900	0.035		
10800	0.03		
11700	0.023		
12600	0.024		
13500	0.024		
14400	0.022		
15300	0.023		
16200	0.021		
17100	0.022		
18000	0.025		
18900	0.028		
19800	0.027		
20700	0.024		
21600	0.02		
22500	0.017		
23400	0.013		
24300	0.012		
25200	0.01		
26100	0.009		
27000	0.008		
27900	0.008		
28800	0.006		
29700	0.007		
30600	0.009		
31500	0.008		
32400	0.007		
33300	0.008		
34200	0.006		
35100	0.008		
36000	0.006		
36900	0.006		

Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530123002
Firmware Version	3
Calibration Date	9/19/2013
Test Name	UTC SOUTH_004
Test Start Time	7:28:53 AM
Test Start Date	9/19/2014
Test Length [D:H:M]	0:04:45
Test Interval [M:S]	15:00
Mass Average [mg/m3]	0.012
Mass Minimum [mg/m3]	0.006
Mass Maximum [mg/m3]	0.024
Mass TWA [mg/m3]	0.007
Photometric User Cal	1
Flow User Cal	0
Errors	
Number of Samples	19

Elapsed Time [s]	Mass [mg/m3]	Alarms	Errors
900	0.017		
1800	0.024		
2700	0.014		
3600	0.017		
4500	0.015		
5400	0.012		
6300	0.011		
7200	0.022		
8100	0.011		
9000	0.009		
9900	0.009		
10800	0.008		
11700	0.009		
12600	0.011		
13500	0.009		
14400	0.008		
15300	0.008		
16200	0.007		
17100	0.006		

Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530123002
Firmware Version	3
Calibration Date	9/19/2013
Test Name	UTC SOUTH_001
Test Start Time	11:26:13 AM
Test Start Date	9/22/2014
Test Length [D:H:M]	0:05:15
Test Interval [M:S]	15:00
Mass Average [mg/m3]	0.004
Mass Minimum [mg/m3]	0
Mass Maximum [mg/m3]	0.018
Mass TWA [mg/m3]	0.002
Photometric User Cal	1
Flow User Cal	0
Errors	
Number of Samples	21

Elapsed Time [s]	Mass [mg/m3]	Alarms	Errors
900	0.017		
1800	0.001		
2700	0		
3600	0		
4500	0		
5400	0		
6300	0.001		
7200	0.002		
8100	0		
9000	0.001		
9900	0.001		
10800	0.001		
11700	0.006		
12600	0.018		
13500	0.003		
14400	0.002		
15300	0.003		
16200	0.005		
17100	0.005		
18000	0.004		
18900	0.005		

Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530123002
Firmware Version	3
Calibration Date	9/19/2013
Test Name	UTC SOUTH_002
Test Start Time	7:14:58 AM
Test Start Date	9/23/2014
Test Length [D:H:M]	0:09:30
Test Interval [M:S]	15:00
Mass Average [mg/m3]	0.014
Mass Minimum [mg/m3]	0.009
Mass Maximum [mg/m3]	0.043
Mass TWA [mg/m3]	0.014
Photometric User Cal	1
Flow User Cal	0
Errors	
Number of Samples	38

Elapsed Time [s]	Mass [mg/m3]	Alarms	Errors
900	0.043		
1800	0.016		
2700	0.016		
3600	0.015		
4500	0.014		
5400	0.012		
6300	0.012		
7200	0.017		
8100	0.017		
9000	0.013		
9900	0.01		
10800	0.013		
11700	0.015		
12600	0.015		
13500	0.014		
14400	0.014		
15300	0.012		
16200	0.013		
17100	0.015		
18000	0.011		
18900	0.01		
19800	0.011		
20700	0.013		
21600	0.011		
22500	0.011		
23400	0.011		
24300	0.012		
25200	0.015		
26100	0.017		
27000	0.01		
27900	0.016		
28800	0.015		
29700	0.011		
30600	0.01		
31500	0.01		
32400	0.009		
33300	0.009		
34200	0.009		

Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530123002
Firmware Version	3
Calibration Date	9/19/2013
Test Name	UTC SOUTH_003
Test Start Time	7:10:08 AM
Test Start Date	9/24/2014
Test Length [D:H:M]	0:09:45
Test Interval [M:S]	15:00
Mass Average [mg/m3]	0.011
Mass Minimum [mg/m3]	0.005
Mass Maximum [mg/m3]	0.086
Mass TWA [mg/m3]	0.012
Photometric User Cal	1
Flow User Cal	0
Errors	
Number of Samples	39

Elapsed Time [s]	Mass [mg/m3]	Alarms	Errors
900	0.086		
1800	0.011		
2700	0.012		
3600	0.014		
4500	0.014		
5400	0.014		
6300	0.013		
7200	0.009		
8100	0.01		
9000	0.008		
9900	0.009		
10800	0.008		
11700	0.009		
12600	0.008		
13500	0.011		
14400	0.008		
15300	0.008		
16200	0.011		
17100	0.007		
18000	0.007		
18900	0.007		
19800	0.007		
20700	0.008		
21600	0.007		
22500	0.012		
23400	0.007		
24300	0.01		
25200	0.013		
26100	0.012		
27000	0.007		
27900	0.005		
28800	0.005		
29700	0.01		
30600	0.005		
31500	0.007		
32400	0.006		
33300	0.006		
34200	0.006		
35100	0.006		

Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530123002
Firmware Version	3
Calibration Date	9/19/2013
Test Name	UTC SOUTH_001
Test Start Time	7:37:58 AM
Test Start Date	9/25/2014
Test Length [D:H:M]	0:09:30
Test Interval [M:S]	15:00
Mass Average [mg/m3]	0.013
Mass Minimum [mg/m3]	0.008
Mass Maximum [mg/m3]	0.028
Mass TWA [mg/m3]	0.014
Photometric User Cal	1
Flow User Cal	0
Errors	
Number of Samples	38

Elapsed Time [s]	Mass [mg/m3]	Alarms	Errors
900	0.028		
1800	0.018		
2700	0.017		
3600	0.017		
4500	0.022		
5400	0.016		
6300	0.014		
7200	0.012		
8100	0.011		
9000	0.009		
9900	0.017		
10800	0.008		
11700	0.008		
12600	0.009		
13500	0.009		
14400	0.009		
15300	0.008		
16200	0.017		
17100	0.011		
18000	0.013		
18900	0.011		
19800	0.011		
20700	0.011		
21600	0.011		
22500	0.014		
23400	0.02		
24300	0.011		
25200	0.012		
26100	0.012		
27000	0.012		
27900	0.017		
28800	0.019		
29700	0.01		
30600	0.011		
31500	0.011		
32400	0.012		
33300	0.012		
34200	0.012		

Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530123002
Firmware Version	3
Calibration Date	9/19/2013
Test Name	UTC SOUTH_002
Test Start Time	8:16:30 AM
Test Start Date	9/26/2014
Test Length [D:H:M]	0:06:30
Test Interval [M:S]	15:00
Mass Average [mg/m3]	0.021
Mass Minimum [mg/m3]	0.013
Mass Maximum [mg/m3]	0.039
Mass TWA [mg/m3]	0.017
Photometric User Cal	1
Flow User Cal	0
Errors	
Number of Samples	26

Elapsed Time [s]	Mass [mg/m3]	Alarms	Errors
900	0.039		
1800	0.021		
2700	0.025		
3600	0.021		
4500	0.02		
5400	0.019		
6300	0.024		
7200	0.026		
8100	0.026		
9000	0.025		
9900	0.023		
10800	0.025		
11700	0.023		
12600	0.019		
13500	0.016		
14400	0.02		
15300	0.014		
16200	0.015		
17100	0.021		
18000	0.018		
18900	0.015		
19800	0.015		
20700	0.022		
21600	0.017		
22500	0.035		
23400	0.013		

Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530143210
Firmware Version	3
Calibration Date	8/5/2014
Test Name	UTC SOUTH_001
Test Start Time	7:01:52 AM
Test Start Date	9/29/2014
Test Length [D:H:M]	0:10:00
Test Interval [M:S]	15:00
Mass Average [mg/m3]	0.028
Mass Minimum [mg/m3]	0.007
Mass Maximum [mg/m3]	0.144
Mass TWA [mg/m3]	0.032
Photometric User Cal	1
Flow User Cal	0
Errors	
Number of Samples	40

Elapsed Time [s]	Mass [mg/m3]	Alarms	Errors
900	0.064		
1800	0.042		
2700	0.04		
3600	0.058		
4500	0.04		
5400	0.036		
6300	0.036		
7200	0.045		
8100	0.034		
9000	0.077		
9900	0.038		
10800	0.047		
11700	0.034		
12600	0.026		
13500	0.048		
14400	0.026		
15300	0.024		
16200	0.024		
17100	0.013		
18000	0.012		
18900	0.012		
19800	0.011		
20700	0.01		
21600	0.144		
22500	0.01		
23400	0.009		
24300	0.01		
25200	0.009		
26100	0.007		
27000	0.008		
27900	0.007		
28800	0.009		
29700	0.028		
30600	0.012		
31500	0.024		
32400	0.009		
33300	0.009		
34200	0.009		
35100	0.01		
36000	0.009		

Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530143210
Firmware Version	3
Calibration Date	8/5/2014
Test Name	UTC SOUTH_002
Test Start Time	7:18:58 AM
Test Start Date	9/30/2014
Test Length [D:H:M]	0:07:45
Test Interval [M:S]	15:00
Mass Average [mg/m3]	0.035
Mass Minimum [mg/m3]	0.03
Mass Maximum [mg/m3]	0.043
Mass TWA [mg/m3]	0.034
Photometric User Cal	1
Flow User Cal	0
Errors	
Number of Samples	31

Elapsed Time [s]	Mass [mg/m3]	Alarms	Errors
900	0.039		
1800	0.03		
2700	0.033		
3600	0.034		
4500	0.037		
5400	0.033		
6300	0.033		
7200	0.039		
8100	0.032		
9000	0.032		
9900	0.032		
10800	0.037		
11700	0.031		
12600	0.035		
13500	0.036		
14400	0.032		
15300	0.033		
16200	0.033		
17100	0.033		
18000	0.033		
18900	0.032		
19800	0.033		
20700	0.032		
21600	0.032		
22500	0.031		
23400	0.034		
24300	0.043		
25200	0.04		
26100	0.041		
27000	0.04		
27900	0.041		

Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530143210
Firmware Version	3
Calibration Date	8/5/2014
Test Name	UTC SOUTH_003
Test Start Time	8:27:03 AM
Test Start Date	10/1/2014
Test Length [D:H:M]	0:06:15
Test Interval [M:S]	15:00
Mass Average [mg/m3]	0.027
Mass Minimum [mg/m3]	0.013
Mass Maximum [mg/m3]	0.061
Mass TWA [mg/m3]	0.021
Photometric User Cal	1
Flow User Cal	0
Errors	
Number of Samples	25

Elapsed Time [s]	Mass [mg/m3]	Alarms	Errors
900	0.061		
1800	0.049		
2700	0.044		
3600	0.038		
4500	0.035		
5400	0.034		
6300	0.032		
7200	0.032		
8100	0.03		
9000	0.027		
9900	0.026		
10800	0.024		
11700	0.024		
12600	0.021		
13500	0.02		
14400	0.022		
15300	0.021		
16200	0.021		
17100	0.019		
18000	0.018		
18900	0.018		
19800	0.016		
20700	0.015		
21600	0.014		
22500	0.013		

Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530143210
Firmware Version	3
Calibration Date	8/5/2014
Test Name	UTC SOUTH_004
Test Start Time	9:15:32 AM
Test Start Date	10/2/2014
Test Length [D:H:M]	0:07:45
Test Interval [M:S]	15:00
Mass Average [mg/m3]	0.025
Mass Minimum [mg/m3]	0.003
Mass Maximum [mg/m3]	0.096
Mass TWA [mg/m3]	0.025
Photometric User Cal	1
Flow User Cal	0
Errors	
Number of Samples	31

Elapsed Time [s]	Mass [mg/m3]	Alarms	Errors
900	0.055		
1800	0.063		
2700	0.017		
3600	0.025		
4500	0.015		
5400	0.011		
6300	0.096		
7200	0.026		
8100	0.016		
9000	0.01		
9900	0.01		
10800	0.044		
11700	0.026		
12600	0.069		
13500	0.027		
14400	0.063		
15300	0.031		
16200	0.033		
17100	0.013		
18000	0.031		
18900	0.019		
19800	0.017		
20700	0.011		
21600	0.023		
22500	0.011		
23400	0.008		
24300	0.005		
25200	0.004		
26100	0.003		
27000	0.003		
27900	0.003		

Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530143210
Firmware Version	3
Calibration Date	8/5/2014
Test Name	UTC SOUTH_005
Test Start Time	7:29:20 AM
Test Start Date	10/3/2014
Test Length [D:H:M]	0:08:00
Test Interval [M:S]	15:00
Mass Average [mg/m3]	0.036
Mass Minimum [mg/m3]	0.009
Mass Maximum [mg/m3]	0.088
Mass TWA [mg/m3]	0.036
Photometric User Cal	1
Flow User Cal	0
Errors	
Number of Samples	32

Elapsed Time [s]	Mass [mg/m3]	Alarms	Errors
900	0.015		
1800	0.013		
2700	0.009		
3600	0.014		
4500	0.014		
5400	0.023		
6300	0.016		
7200	0.019		
8100	0.045		
9000	0.015		
9900	0.019		
10800	0.034		
11700	0.027		
12600	0.029		
13500	0.037		
14400	0.036		
15300	0.039		
16200	0.039		
17100	0.029		
18000	0.036		
18900	0.05		
19800	0.076		
20700	0.057		
21600	0.076		
22500	0.042		
23400	0.047		
24300	0.065		
25200	0.041		
26100	0.088		
27000	0.042		
27900	0.026		
28800	0.046		

Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530143210
Firmware Version	3
Calibration Date	8/5/2014
Test Name	UTC SOUTH_001
Test Start Time	7:32:31 AM
Test Start Date	10/6/2014
Test Length [D:H:M]	0:08:45
Test Interval [M:S]	15:00
Mass Average [mg/m3]	0.02
Mass Minimum [mg/m3]	0.003
Mass Maximum [mg/m3]	0.056
Mass TWA [mg/m3]	0.021
Photometric User Cal	1
Flow User Cal	0
Errors	
Number of Samples	35

Elapsed Time [s]	Mass [mg/m3]	Alarms	Errors
900	0.056		
1800	0.021		
2700	0.021		
3600	0.019		
4500	0.021		
5400	0.022		
6300	0.016		
7200	0.016		
8100	0.022		
9000	0.027		
9900	0.013		
10800	0.012		
11700	0.013		
12600	0.01		
13500	0.012		
14400	0.009		
15300	0.013		
16200	0.038		
17100	0.009		
18000	0.01		
18900	0.03		
19800	0.022		
20700	0.009		
21600	0.034		
22500	0.037		
23400	0.027		
24300	0.016		
25200	0.014		
26100	0.022		
27000	0.018		
27900	0.021		
28800	0.038		
29700	0.013		
30600	0.01		
31500	0.003		

Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530143210
Firmware Version	3
Calibration Date	8/5/2014
Test Name	UTC SOUTH_002
Test Start Time	8:43:00 AM
Test Start Date	10/7/2014
Test Length [D:H:M]	0:08:30
Test Interval [M:S]	15:00
Mass Average [mg/m3]	0.022
Mass Minimum [mg/m3]	0.007
Mass Maximum [mg/m3]	0.059
Mass TWA [mg/m3]	0.023
Photometric User Cal	1
Flow User Cal	0
Errors	
Number of Samples	34

Elapsed Time [s]	Mass [mg/m3]	Alarms	Errors
900	0.033		
1800	0.015		
2700	0.015		
3600	0.019		
4500	0.018		
5400	0.018		
6300	0.018		
7200	0.02		
8100	0.023		
9000	0.017		
9900	0.018		
10800	0.018		
11700	0.017		
12600	0.033		
13500	0.018		
14400	0.036		
15300	0.024		
16200	0.023		
17100	0.018		
18000	0.02		
18900	0.02		
19800	0.027		
20700	0.025		
21600	0.024		
22500	0.034		
23400	0.023		
24300	0.026		
25200	0.059		
26100	0.014		
27000	0.041		
27900	0.008		
28800	0.012		
29700	0.007		
30600	0.007		

Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530143210
Firmware Version	3
Calibration Date	8/5/2014
Test Name	UTC SOUTH_003
Test Start Time	8:33:55 AM
Test Start Date	10/8/2014
Test Length [D:H:M]	0:08:00
Test Interval [M:S]	15:00
Mass Average [mg/m3]	0.019
Mass Minimum [mg/m3]	0.009
Mass Maximum [mg/m3]	0.032
Mass TWA [mg/m3]	0.019
Photometric User Cal	1
Flow User Cal	0
Errors	
Number of Samples	32

Elapsed Time [s]	Mass [mg/m3]	Alarms	Errors
900	0.028		
1800	0.009		
2700	0.012		
3600	0.024		
4500	0.016		
5400	0.016		
6300	0.016		
7200	0.015		
8100	0.018		
9000	0.02		
9900	0.015		
10800	0.014		
11700	0.016		
12600	0.017		
13500	0.015		
14400	0.016		
15300	0.016		
16200	0.019		
17100	0.016		
18000	0.016		
18900	0.021		
19800	0.022		
20700	0.032		
21600	0.027		
22500	0.026		
23400	0.023		
24300	0.023		
25200	0.023		
26100	0.021		
27000	0.018		
27900	0.016		
28800	0.017		

Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530143210
Firmware Version	3
Calibration Date	8/5/2014
Test Name	UTC SOUTH_004
Test Start Time	7:18:42 AM
Test Start Date	10/9/2014
Test Length [D:H:M]	0:09:58
Test Interval [M:S]	15:00
Mass Average [mg/m3]	0.011
Mass Minimum [mg/m3]	0
Mass Maximum [mg/m3]	0.039
Mass TWA [mg/m3]	0.011
Photometric User Cal	1
Flow User Cal	0
Errors	
Number of Samples	33

Elapsed Time [s]	Mass [mg/m3]	Alarms	Errors
900	0.039		
1800	0.021		
2700	0.022		
3600	0.02		
4500	0.019		
5400	0.017		
6300	0.018		
7200	0.018		
8100	0.017		
9000	0.015		
9900	0.013		
10800	0.009		
11700	0.009		
12600	0.008		
13500	0.007		
14400	0.007		
15300	0.005		
16200	0.006		
17100	0.005		
18000	0.005		
18900	0.005		
19800	0.008		
20700	0.006		
21600	0.02		
22500	0.005		
23400	0.004		
24300	0.006		
25200	0.003		
26100	0.005		
27000	0.012		
27900	0.018		
28800	0.005		
35920	0		

Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530143210
Firmware Version	3
Calibration Date	8/5/2014
Test Name	UTC SOUTH_005
Test Start Time	7:20:19 AM
Test Start Date	10/10/2014
Test Length [D:H:M]	0:05:00
Test Interval [M:S]	15:00
Mass Average [mg/m3]	0.018
Mass Minimum [mg/m3]	0.008
Mass Maximum [mg/m3]	0.042
Mass TWA [mg/m3]	0.011
Photometric User Cal	1
Flow User Cal	0
Errors	
Number of Samples	20

Elapsed Time [s]	Mass [mg/m3]	Alarms	Errors
900	0.042		
1800	0.013		
2700	0.018		
3600	0.014		
4500	0.016		
5400	0.017		
6300	0.018		
7200	0.018		
8100	0.027		
9000	0.021		
9900	0.015		
10800	0.031		
11700	0.016		
12600	0.013		
13500	0.012		
14400	0.012		
15300	0.015		
16200	0.015		
17100	0.02		
18000	0.008		

Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530143210
Firmware Version	3
Calibration Date	8/5/2014
Test Name	UTC SOUTH_001
Test Start Time	8:11:50 AM
Test Start Date	10/20/2014
Test Length [D:H:M]	0:08:00
Test Interval [M:S]	15:00
Mass Average [mg/m3]	0.031
Mass Minimum [mg/m3]	-0.002
Mass Maximum [mg/m3]	0.833
Mass TWA [mg/m3]	0.031
Photometric User Cal	1
Flow User Cal	0
Errors	
Number of Samples	32

Elapsed Time [s]	Mass [mg/m3]	Alarms	Errors
900	0.035		
1800	0.008		
2700	0.008		
3600	0.005		
4500	0.01		
5400	0.006		
6300	0.018		
7200	0.015		
8100	0.006		
9000	0.003		
9900	0.008		
10800	-0.001		
11700	0.002		
12600	0		
13500	0.002		
14400	-0.001		
15300	-0.002		
16200	0.002		
17100	0		
18000	0.002		
18900	0.009		
19800	0.833	1;2	
20700	0		
21600	0.007		
22500	0		
23400	0.002		
24300	0.005		
25200	0.011		
26100	0.009		
27000	0.003		
27900	0.001		
28800	0		

Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530143210
Firmware Version	3
Calibration Date	8/5/2014
Test Name	UTC SOUTH_002
Test Start Time	7:48:40 AM
Test Start Date	10/22/2014
Test Length [D:H:M]	0:10:00
Test Interval [M:S]	15:00
Mass Average [mg/m3]	0.009
Mass Minimum [mg/m3]	0.001
Mass Maximum [mg/m3]	0.041
Mass TWA [mg/m3]	0.01
Photometric User Cal	1
Flow User Cal	0
Errors	
Number of Samples	40

Elapsed Time [s]	Mass [mg/m3]	Alarms	Errors
900	0.041		
1800	0.025		
2700	0.021		
3600	0.02		
4500	0.019		
5400	0.018		
6300	0.019		
7200	0.017		
8100	0.016		
9000	0.015		
9900	0.014		
10800	0.012		
11700	0.011		
12600	0.01		
13500	0.007		
14400	0.004		
15300	0.001		
16200	0.002		
17100	0.003		
18000	0.001		
18900	0.001		
19800	0.002		
20700	0.001		
21600	0.002		
22500	0.004		
23400	0.005		
24300	0.005		
25200	0.005		
26100	0.005		
27000	0.003		
27900	0.003		
28800	0.002		
29700	0.002		
30600	0.002		
31500	0.004		
32400	0.003		
33300	0.004		
34200	0.006		
35100	0.007		
36000	0.006		

Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530143210
Firmware Version	3
Calibration Date	8/5/2014
Test Name	UTC SOUTH_003
Test Start Time	7:46:13 AM
Test Start Date	10/23/2014
Test Length [D:H:M]	0:09:39
Test Interval [M:S]	15:00
Mass Average [mg/m3]	0.008
Mass Minimum [mg/m3]	0
Mass Maximum [mg/m3]	0.121
Mass TWA [mg/m3]	0.006
Photometric User Cal	1
Flow User Cal	0
Errors	
Number of Samples	25

Elapsed Time [s]	Mass [mg/m3]	Alarms	Errors
900	0.121		2
1800	0.01		
2700	0.008		
3600	0.008		
4500	0.007		
5400	0.006		
6300	0.005		
7200	0.005		
8100	0.004		
9000	0.003		
9900	0.002		
10800	0.002		
11700	0.001		
12600	0.002		
13500	0.001		
14400	0.001		
15300	0.001		
16200	0.001		
17100	0.001		
18000	0.001		
18900	0		
19800	0		
20700	0		
21600	0		
34746	0		

Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530143210
Firmware Version	3
Calibration Date	8/5/2014
Test Name	UTC SOUTH_004
Test Start Time	8:02:11 AM
Test Start Date	10/24/2014
Test Length [D:H:M]	0:07:00
Test Interval [M:S]	15:00
Mass Average [mg/m3]	0.013
Mass Minimum [mg/m3]	0.005
Mass Maximum [mg/m3]	0.109
Mass TWA [mg/m3]	0.012
Photometric User Cal	1
Flow User Cal	0
Errors	
Number of Samples	28

Elapsed Time [s]	Mass [mg/m3]	Alarms	Errors
900	0.109		2
1800	0.013		
2700	0.012		
3600	0.012		
4500	0.03		
5400	0.021		
6300	0.012		
7200	0.011		
8100	0.01		
9000	0.01		
9900	0.009		
10800	0.009		
11700	0.008		
12600	0.008		
13500	0.009		
14400	0.008		
15300	0.008		
16200	0.009		
17100	0.009		
18000	0.008		
18900	0.008		
19800	0.007		
20700	0.007		
21600	0.006		
22500	0.006		
23400	0.006		
24300	0.006		
25200	0.005		

Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530143210
Firmware Version	3
Calibration Date	8/5/2014
Test Name	UTC SOUTH_001
Test Start Time	7:57:36 AM
Test Start Date	10/27/2014
Test Length [D:H:M]	0:09:00
Test Interval [M:S]	15:00
Mass Average [mg/m3]	0.006
Mass Minimum [mg/m3]	0
Mass Maximum [mg/m3]	0.043
Mass TWA [mg/m3]	0.006
Photometric User Cal	1
Flow User Cal	0
Errors	
Number of Samples	36

Elapsed Time [s]	Mass [mg/m3]	Alarms	Errors
900	0.037		
1800	0.016		
2700	0.016		
3600	0.015		
4500	0.011		
5400	0.013		
6300	0.043		
7200	0.008		
8100	0.01		
9000	0.005		
9900	0.004		
10800	0.003		
11700	0.002		
12600	0.004		
13500	0.002		
14400	0.002		
15300	0.001		
16200	0.001		
17100	0.002		
18000	0.001		
18900	0.001		
19800	0.002		
20700	0		
21600	0		
22500	0.002		
23400	0.002		
24300	0		
25200	0		
26100	0		
27000	0		
27900	0		
28800	0		
29700	0		
30600	0		
31500	0		
32400	0		

Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530143210
Firmware Version	3
Calibration Date	8/5/2014
Test Name	UTC SOUTH_002
Test Start Time	7:29:59 AM
Test Start Date	10/28/2014
Test Length [D:H:M]	0:10:15
Test Interval [M:S]	15:00
Mass Average [mg/m3]	0.022
Mass Minimum [mg/m3]	0.013
Mass Maximum [mg/m3]	0.048
Mass TWA [mg/m3]	0.021
Photometric User Cal	1
Flow User Cal	0
Errors	
Number of Samples	41

Elapsed Time [s]	Mass [mg/m3]	Alarms	Errors
900	0.021		
1800	0.015		
2700	0.016		
3600	0.018		
4500	0.017		
5400	0.015		
6300	0.014		
7200	0.02		
8100	0.015		
9000	0.015		
9900	0.014		
10800	0.016		
11700	0.014		
12600	0.014		
13500	0.013		
14400	0.015		
15300	0.016		
16200	0.015		
17100	0.018		
18000	0.022		
18900	0.023		
19800	0.026		
20700	0.024		
21600	0.024		
22500	0.038		
23400	0.039		
24300	0.025		
25200	0.035		
26100	0.023		
27000	0.025		
27900	0.048		
28800	0.029		
29700	0.022		
30600	0.021		
31500	0.022		
32400	0.024		
33300	0.024		
34200	0.025		
35100	0.026		
36000	0.028		
36900	0.029		

Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530143210
Firmware Version	3
Calibration Date	8/5/2014
Test Name	UTC SOUTH_003
Test Start Time	7:46:55 AM
Test Start Date	10/29/2014
Test Length [D:H:M]	0:09:33
Test Interval [M:S]	15:00
Mass Average [mg/m3]	0.012
Mass Minimum [mg/m3]	0
Mass Maximum [mg/m3]	0.038
Mass TWA [mg/m3]	0.01
Photometric User Cal	1
Flow User Cal	0
Errors	
Number of Samples	29

Elapsed Time [s]	Mass [mg/m3]	Alarms	Errors
900	0.038		
1800	0.03		
2700	0.027		
3600	0.027		
4500	0.021		
5400	0.022		
6300	0.019		
7200	0.015		
8100	0.014		
9000	0.012		
9900	0.011		
10800	0.005		
11700	0.003		
12600	0.002		
13500	0.002		
14400	0.002		
15300	0.004		
16200	0.005		
17100	0.001		
18000	0.001		
18900	0.002		
19800	0.003		
20700	0.005		
21600	0.009		
22500	0.031		
23400	0.011		
24300	0.013		
25200	0.008		
34428	0		

Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530143210
Firmware Version	3
Calibration Date	8/5/2014
Test Name	UTC SOUTH_004
Test Start Time	8:58:23 AM
Test Start Date	10/30/2014
Test Length [D:H:M]	0:08:30
Test Interval [M:S]	15:00
Mass Average [mg/m3]	0.008
Mass Minimum [mg/m3]	0.005
Mass Maximum [mg/m3]	0.013
Mass TWA [mg/m3]	0.008
Photometric User Cal	1
Flow User Cal	0
Errors	
Number of Samples	34

Elapsed Time [s]	Mass [mg/m3]	Alarms	Errors
900	0.013		
1800	0.011		
2700	0.01		
3600	0.011		
4500	0.012		
5400	0.012		
6300	0.011		
7200	0.01		
8100	0.01		
9000	0.009		
9900	0.009		
10800	0.008		
11700	0.007		
12600	0.006		
13500	0.006		
14400	0.007		
15300	0.006		
16200	0.006		
17100	0.005		
18000	0.006		
18900	0.005		
19800	0.006		
20700	0.007		
21600	0.007		
22500	0.007		
23400	0.006		
24300	0.006		
25200	0.005		
26100	0.005		
27000	0.005		
27900	0.006		
28800	0.007		
29700	0.007		
30600	0.008		

Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530143210
Firmware Version	3
Calibration Date	8/5/2014
Test Name	UTC SOUTH_005
Test Start Time	8:01:57 AM
Test Start Date	10/31/2014
Test Length [D:H:M]	0:03:30
Test Interval [M:S]	15:00
Mass Average [mg/m3]	0.023
Mass Minimum [mg/m3]	0.012
Mass Maximum [mg/m3]	0.093
Mass TWA [mg/m3]	0.01
Photometric User Cal	1
Flow User Cal	0
Errors	
Number of Samples	14

Elapsed Time [s]	Mass [mg/m3]	Alarms	Errors
900	0.093		
1800	0.017		
2700	0.017		
3600	0.019		
4500	0.018		
5400	0.018		
6300	0.018		
7200	0.017		
8100	0.016		
9000	0.017		
9900	0.014		
10800	0.014		
11700	0.012		
12600	0.031		

Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530143210
Firmware Version	3
Calibration Date	8/5/2014
Test Name	UTC SOUTH_001
Test Start Time	8:25:37 AM
Test Start Date	11/3/2014
Test Length [D:H:M]	0:09:45
Test Interval [M:S]	15:00
Mass Average [mg/m3]	0.011
Mass Minimum [mg/m3]	0
Mass Maximum [mg/m3]	0.032
Mass TWA [mg/m3]	0.013
Photometric User Cal	1
Flow User Cal	0
Errors	
Number of Samples	39

Elapsed Time [s]	Mass [mg/m3]	Alarms	Errors
900	0.032		
1800	0.021		
2700	0.022		
3600	0.023		
4500	0.02		
5400	0.027		
6300	0.02		
7200	0.021		
8100	0.028		
9000	0.022		
9900	0.026		
10800	0.017		
11700	0.017		
12600	0.016		
13500	0.016		
14400	0.015		
15300	0.013		
16200	0.016		
17100	0.01		
18000	0.009		
18900	0.008		
19800	0.008		
20700	0.004		
21600	0.002		
22500	0		
23400	0		
24300	0		
25200	0		
26100	0.008		
27000	0.002		
27900	0.003		
28800	0.004		
29700	0.009		
30600	0		
31500	0		
32400	0		
33300	0.001		
34200	0.007		
35100	0.001		

Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530143210
Firmware Version	3
Calibration Date	8/5/2014
Test Name	UTC SOUTH_002
Test Start Time	7:51:44 AM
Test Start Date	11/4/2014
Test Length [D:H:M]	0:10:30
Test Interval [M:S]	15:00
Mass Average [mg/m3]	0.038
Mass Minimum [mg/m3]	0.013
Mass Maximum [mg/m3]	0.201
Mass TWA [mg/m3]	0.044
Photometric User Cal	1
Flow User Cal	0
Errors	
Number of Samples	42

Elapsed Time [s]	Mass [mg/m3]	Alarms	Errors
900	0.05		
1800	0.043		
2700	0.029		
3600	0.045		
4500	0.024		
5400	0.034		
6300	0.024		
7200	0.045		
8100	0.055		
9000	0.019		
9900	0.041		
10800	0.035		
11700	0.015		
12600	0.037		
13500	0.03		
14400	0.045		
15300	0.025		
16200	0.017		
17100	0.04		
18000	0.053		
18900	0.019		
19800	0.014		
20700	0.018		
21600	0.061		
22500	0.017		
23400	0.06		
24300	0.096		
25200	0.042		
26100	0.201 1;2		
27000	0.028		
27900	0.091		
28800	0.062		
29700	0.027		
30600	0.034		
31500	0.014		
32400	0.016		
33300	0.013		
34200	0.013		
35100	0.014		
36000	0.013		
36900	0.013		
37800	0.014		

Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530143210
Firmware Version	3
Calibration Date	8/5/2014
Test Name	UTC SOUTH_003
Test Start Time	7:42:03 AM
Test Start Date	11/5/2014
Test Length [D:H:M]	0:11:15
Test Interval [M:S]	15:00
Mass Average [mg/m3]	0.036
Mass Minimum [mg/m3]	0.023
Mass Maximum [mg/m3]	0.081
Mass TWA [mg/m3]	0.037
Photometric User Cal	1
Flow User Cal	0
Errors	
Number of Samples	45

Elapsed Time [s]	Mass [mg/m3]	Alarms	Errors
900	0.045		
1800	0.04		
2700	0.043		
3600	0.038		
4500	0.039		
5400	0.041		
6300	0.038		
7200	0.031		
8100	0.03		
9000	0.031		
9900	0.043		
10800	0.039		
11700	0.046		
12600	0.079		
13500	0.03		
14400	0.081		
15300	0.026		
16200	0.028		
17100	0.038		
18000	0.032		
18900	0.026		
19800	0.041		
20700	0.034		
21600	0.028		
22500	0.031		
23400	0.044		
24300	0.036		
25200	0.024		
26100	0.032		
27000	0.029		
27900	0.023		
28800	0.024		
29700	0.03		
30600	0.033		
31500	0.032		
32400	0.031		
33300	0.031		
34200	0.031		
35100	0.03		
36000	0.032		
36900	0.033		
37800	0.032		
38700	0.033		
39600	0.033		
40500	0.033		

Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530143210
Firmware Version	3
Calibration Date	8/5/2014
Test Name	UTC SOUTH_004
Test Start Time	8:10:04 AM
Test Start Date	11/6/2014
Test Length [D:H:M]	0:09:45
Test Interval [M:S]	15:00
Mass Average [mg/m3]	0.054
Mass Minimum [mg/m3]	0.038
Mass Maximum [mg/m3]	0.08
Mass TWA [mg/m3]	0.052
Photometric User Cal	1
Flow User Cal	0
Errors	
Number of Samples	39

Elapsed Time [s]	Mass [mg/m3]	Alarms	Errors
900	0.08		
1800	0.056		
2700	0.055		
3600	0.056		
4500	0.057		
5400	0.065		
6300	0.073		
7200	0.062		
8100	0.054		
9000	0.052		
9900	0.053		
10800	0.064		
11700	0.055		
12600	0.048		
13500	0.047		
14400	0.046		
15300	0.042		
16200	0.04		
17100	0.039		
18000	0.04		
18900	0.038		
19800	0.038		
20700	0.04		
21600	0.042		
22500	0.045		
23400	0.047		
24300	0.049		
25200	0.054		
26100	0.056		
27000	0.057		
27900	0.064		
28800	0.06		
29700	0.06		
30600	0.059		
31500	0.06		
32400	0.066		
33300	0.065		
34200	0.071		
35100	0.066		

Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530143210
Firmware Version	3
Calibration Date	8/5/2014
Test Name	UTC SOUTH_005
Test Start Time	8:33:55 AM
Test Start Date	11/8/2014
Test Length [D:H:M]	0:07:00
Test Interval [M:S]	15:00
Mass Average [mg/m3]	0.007
Mass Minimum [mg/m3]	0.001
Mass Maximum [mg/m3]	0.056
Mass TWA [mg/m3]	0.006
Photometric User Cal	1
Flow User Cal	0
Errors	
Number of Samples	28

Elapsed Time [s]	Mass [mg/m3]	Alarms	Errors
900	0.056		
1800	0.012		
2700	0.009		
3600	0.008		
4500	0.007		
5400	0.006		
6300	0.006		
7200	0.006		
8100	0.005		
9000	0.005		
9900	0.002		
10800	0.001		
11700	0.001		
12600	0.002		
13500	0.003		
14400	0.005		
15300	0.005		
16200	0.005		
17100	0.005		
18000	0.005		
18900	0.005		
19800	0.005		
20700	0.005		
21600	0.005		
22500	0.004		
23400	0.004		
24300	0.004		
25200	0.005		

Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530143210
Firmware Version	3
Calibration Date	8/5/2014
Test Name	UTC SOUTH_001
Test Start Time	8:18:21 AM
Test Start Date	11/10/2014
Test Length [D:H:M]	0:10:05
Test Interval [M:S]	15:00
Mass Average [mg/m3]	0.015
Mass Minimum [mg/m3]	0
Mass Maximum [mg/m3]	0.04
Mass TWA [mg/m3]	0
Photometric User Cal	1
Flow User Cal	0
Errors	
Number of Samples	37

Elapsed Time [s]	Mass [mg/m3]	Alarms	Errors
900	0.04		
1800	0.028		
2700	0.029		
3600	0.029		
4500	0.025		
5400	0.023		
6300	0.022		
7200	0.02		
8100	0.021		
9000	0.019		
9900	0.016		
10800	0.015		
11700	0.014		
12600	0.012		
13500	0.012		
14400	0.012		
15300	0.014		
16200	0.011		
17100	0.011		
18000	0.011		
18900	0.011		
19800	0.012		
20700	0.015		
21600	0.012		
22500	0.011		
23400	0.011		
24300	0.013		
25200	0.012		
26100	0.013		
27000	0.019		
27900	0.011		
28800	0.009		
29700	0.011		
30600	0.009		
31500	0.007		
32400	0.009		
36308	0		

Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530143210
Firmware Version	3
Calibration Date	8/5/2014
Test Name	UTC SOUTH_002
Test Start Time	7:55:53 AM
Test Start Date	11/11/2014
Test Length [D:H:M]	0:10:45
Test Interval [M:S]	15:00
Mass Average [mg/m3]	0.023
Mass Minimum [mg/m3]	0.016
Mass Maximum [mg/m3]	0.038
Mass TWA [mg/m3]	0.023
Photometric User Cal	1
Flow User Cal	0
Errors	
Number of Samples	43

Elapsed Time [s]	Mass [mg/m3]	Alarms	Errors
900	0.032		
1800	0.022		
2700	0.022		
3600	0.023		
4500	0.024		
5400	0.023		
6300	0.024		
7200	0.02		
8100	0.02		
9000	0.02		
9900	0.02		
10800	0.023		
11700	0.038		
12600	0.021		
13500	0.018		
14400	0.024		
15300	0.021		
16200	0.023		
17100	0.023		
18000	0.022		
18900	0.018		
19800	0.02		
20700	0.016		
21600	0.023		
22500	0.027		
23400	0.021		
24300	0.019		
25200	0.027		
26100	0.017		
27000	0.018		
27900	0.023		
28800	0.033		
29700	0.024		
30600	0.022		
31500	0.026		
32400	0.022		
33300	0.021		
34200	0.021		
35100	0.023		
36000	0.025		
36900	0.024		
37800	0.023		
38700	0.023		

Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530143210
Firmware Version	3
Calibration Date	8/5/2014
Test Name	UTC SOUTH_003
Test Start Time	8:41:14 AM
Test Start Date	11/13/2014
Test Length [D:H:M]	0:08:45
Test Interval [M:S]	15:00
Mass Average [mg/m3]	0.026
Mass Minimum [mg/m3]	0.013
Mass Maximum [mg/m3]	0.074
Mass TWA [mg/m3]	0.026
Photometric User Cal	1
Flow User Cal	0
Errors	
Number of Samples	35

Elapsed Time [s]	Mass [mg/m3]	Alarms	Errors
900	0.074		
1800	0.022		
2700	0.02		
3600	0.017		
4500	0.021		
5400	0.018		
6300	0.021		
7200	0.031		
8100	0.033		
9000	0.023		
9900	0.019		
10800	0.021		
11700	0.014		
12600	0.019		
13500	0.019		
14400	0.02		
15300	0.019		
16200	0.013		
17100	0.014		
18000	0.015		
18900	0.017		
19800	0.035		
20700	0.023		
21600	0.023		
22500	0.024		
23400	0.039		
24300	0.037		
25200	0.044		
26100	0.029		
27000	0.036		
27900	0.035		
28800	0.028		
29700	0.023		
30600	0.027		
31500	0.03		

Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530143210
Firmware Version	3
Calibration Date	8/5/2014
Test Name	UTC SOUTH_004
Test Start Time	7:55:39 AM
Test Start Date	11/14/2014
Test Length [D:H:M]	0:04:15
Test Interval [M:S]	15:00
Mass Average [mg/m3]	0.022
Mass Minimum [mg/m3]	0.012
Mass Maximum [mg/m3]	0.082
Mass TWA [mg/m3]	0.011
Photometric User Cal	1
Flow User Cal	0
Errors	
Number of Samples	17

Elapsed Time [s]	Mass [mg/m3]	Alarms	Errors
900	0.082		
1800	0.02		
2700	0.04		
3600	0.022		
4500	0.022		
5400	0.018		
6300	0.02		
7200	0.021		
8100	0.016		
9000	0.016		
9900	0.015		
10800	0.015		
11700	0.012		
12600	0.012		
13500	0.012		
14400	0.012		
15300	0.012		

Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530143210
Firmware Version	3
Calibration Date	8/5/2014
Test Name	UTC SOUTH_001
Test Start Time	8:21:00 AM
Test Start Date	11/18/2014
Test Length [D:H:M]	0:09:30
Test Interval [M:S]	15:00
Mass Average [mg/m3]	0.024
Mass Minimum [mg/m3]	0.018
Mass Maximum [mg/m3]	0.049
Mass TWA [mg/m3]	0.024
Photometric User Cal	1
Flow User Cal	0
Errors	
Number of Samples	38

Elapsed Time [s]	Mass [mg/m3]	Alarms	Errors
900	0.049		
1800	0.023		
2700	0.028		
3600	0.025		
4500	0.025		
5400	0.025		
6300	0.025		
7200	0.028		
8100	0.032		
9000	0.023		
9900	0.034		
10800	0.027		
11700	0.036		
12600	0.022		
13500	0.022		
14400	0.023		
15300	0.022		
16200	0.024		
17100	0.024		
18000	0.024		
18900	0.021		
19800	0.024		
20700	0.019		
21600	0.018		
22500	0.018		
23400	0.018		
24300	0.02		
25200	0.018		
26100	0.018		
27000	0.018		
27900	0.021		
28800	0.019		
29700	0.02		
30600	0.02		
31500	0.02		
32400	0.025		
33300	0.023		
34200	0.021		

Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530143210
Firmware Version	3
Calibration Date	8/5/2014
Test Name	UTC SOUTH_002
Test Start Time	7:54:24 AM
Test Start Date	11/19/2014
Test Length [D:H:M]	0:10:45
Test Interval [M:S]	15:00
Mass Average [mg/m3]	0.021
Mass Minimum [mg/m3]	0.013
Mass Maximum [mg/m3]	0.062
Mass TWA [mg/m3]	0.021
Photometric User Cal	1
Flow User Cal	0
Errors	
Number of Samples	43

Elapsed Time [s]	Mass [mg/m3]	Alarms	Errors
900	0.062		
1800	0.013		
2700	0.016		
3600	0.02		
4500	0.023		
5400	0.027		
6300	0.023		
7200	0.024		
8100	0.024		
9000	0.024		
9900	0.024		
10800	0.024		
11700	0.025		
12600	0.024		
13500	0.023		
14400	0.022		
15300	0.022		
16200	0.021		
17100	0.02		
18000	0.019		
18900	0.018		
19800	0.016		
20700	0.017		
21600	0.017		
22500	0.02		
23400	0.017		
24300	0.016		
25200	0.017		
26100	0.015		
27000	0.016		
27900	0.016		
28800	0.017		
29700	0.017		
30600	0.019		
31500	0.021		
32400	0.02		
33300	0.019		
34200	0.021		
35100	0.021		
36000	0.02		
36900	0.019		
37800	0.02		
38700	0.019		

Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530143210
Firmware Version	3
Calibration Date	8/5/2014
Test Name	UTC SOUTH_001
Test Start Time	9:06:56 AM
Test Start Date	11/24/2014
Test Length [D:H:M]	0:08:15
Test Interval [M:S]	15:00
Mass Average [mg/m3]	0.001
Mass Minimum [mg/m3]	-0.005
Mass Maximum [mg/m3]	0.079
Mass TWA [mg/m3]	0.001
Photometric User Cal	1
Flow User Cal	0
Errors	
Number of Samples	33

Elapsed Time [s]	Mass [mg/m3]	Alarms	Errors
900	0.079		
1800	0.002		
2700	0.001		
3600	-0.003		
4500	-0.004		
5400	-0.004		
6300	-0.004		
7200	-0.001		
8100	-0.005		
9000	-0.005		
9900	-0.002		
10800	-0.005		
11700	-0.005		
12600	-0.004		
13500	-0.004		
14400	-0.004		
15300	-0.003		
16200	0.008		
17100	-0.002		
18000	-0.002		
18900	-0.001		
19800	-0.002		
20700	0.005		
21600	0.001		
22500	-0.002		
23400	-0.001		
24300	-0.002		
25200	0		
26100	0		
27000	0.006		
27900	0.001		
28800	0		
29700	0		

Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530143210
Firmware Version	3
Calibration Date	8/5/2014
Test Name	UTC SOUTH_002
Test Start Time	8:30:30 AM
Test Start Date	11/25/2014
Test Length [D:H:M]	0:07:15
Test Interval [M:S]	15:00
Mass Average [mg/m3]	0.031
Mass Minimum [mg/m3]	0.005
Mass Maximum [mg/m3]	0.262
Mass TWA [mg/m3]	0.029
Photometric User Cal	1
Flow User Cal	0
Errors	
Number of Samples	29

Elapsed Time [s]	Mass [mg/m3]	Alarms	Errors
900	0.262	1;2	
1800	0.18	1;2	
2700	0.107		2
3600	0.009		
4500	0.015		
5400	0.008		
6300	0.007		
7200	0.012		
8100	0.01		
9000	0.013		
9900	0.021		
10800	0.02		
11700	0.037		
12600	0.009		
13500	0.009		
14400	0.039		
15300	0.007		
16200	0.007		
17100	0.007		
18000	0.006		
18900	0.007		
19800	0.007		
20700	0.02		
21600	0.053		
22500	0.01		
23400	0.006		
24300	0.005		
25200	0.013		
26100	0.006		

Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530143210
Firmware Version	3
Calibration Date	8/5/2014
Test Name	UTC SOUTH_001
Test Start Time	9:39:04 AM
Test Start Date	12/2/2014
Test Length [D:H:M]	0:07:45
Test Interval [M:S]	15:00
Mass Average [mg/m3]	0.011
Mass Minimum [mg/m3]	0.006
Mass Maximum [mg/m3]	0.04
Mass TWA [mg/m3]	0.011
Photometric User Cal	1
Flow User Cal	0
Errors	
Number of Samples	31

Elapsed Time [s]	Mass [mg/m3]	Alarms	Errors
900	0.04		
1800	0.013		
2700	0.011		
3600	0.01		
4500	0.009		
5400	0.009		
6300	0.008		
7200	0.008		
8100	0.008		
9000	0.01		
9900	0.008		
10800	0.009		
11700	0.009		
12600	0.01		
13500	0.009		
14400	0.009		
15300	0.009		
16200	0.011		
17100	0.01		
18000	0.008		
18900	0.008		
19800	0.007		
20700	0.006		
21600	0.007		
22500	0.01		
23400	0.01		
24300	0.01		
25200	0.011		
26100	0.016		
27000	0.018		
27900	0.017		

Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530143210
Firmware Version	3
Calibration Date	8/5/2014
Test Name	UTC SOUTH_002
Test Start Time	9:37:46 AM
Test Start Date	12/3/2014
Test Length [D:H:M]	0:07:15
Test Interval [M:S]	15:00
Mass Average [mg/m3]	0.022
Mass Minimum [mg/m3]	0.013
Mass Maximum [mg/m3]	0.032
Mass TWA [mg/m3]	0.02
Photometric User Cal	1
Flow User Cal	0
Errors	
Number of Samples	29

Elapsed Time [s]	Mass [mg/m3]	Alarms	Errors
900	0.017		
1800	0.013		
2700	0.013		
3600	0.015		
4500	0.015		
5400	0.021		
6300	0.023		
7200	0.023		
8100	0.026		
9000	0.025		
9900	0.03		
10800	0.027		
11700	0.032		
12600	0.023		
13500	0.022		
14400	0.02		
15300	0.02		
16200	0.021		
17100	0.019		
18000	0.023		
18900	0.025		
19800	0.025		
20700	0.025		
21600	0.026		
22500	0.024		
23400	0.024		
24300	0.022		
25200	0.02		
26100	0.02		

Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530143210
Firmware Version	3
Calibration Date	8/5/2014
Test Name	UTC SOUTH_003
Test Start Time	11:00:03 AM
Test Start Date	12/4/2014
Test Length [D:H:M]	0:05:45
Test Interval [M:S]	15:00
Mass Average [mg/m3]	0.026
Mass Minimum [mg/m3]	0.019
Mass Maximum [mg/m3]	0.035
Mass TWA [mg/m3]	0.019
Photometric User Cal	1
Flow User Cal	0
Errors	
Number of Samples	23

Elapsed Time [s]	Mass [mg/m3]	Alarms	Errors
900	0.021		
1800	0.019		
2700	0.021		
3600	0.022		
4500	0.023		
5400	0.024		
6300	0.024		
7200	0.024		
8100	0.026		
9000	0.027		
9900	0.029		
10800	0.03		
11700	0.03		
12600	0.03		
13500	0.03		
14400	0.032		
15300	0.033		
16200	0.033		
17100	0.035		
18000	0.025		
18900	0.024		
19800	0.022		
20700	0.022		

Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530143210
Firmware Version	3
Calibration Date	8/5/2014
Test Name	UTC SOUTH_001
Test Start Time	8:44:06 AM
Test Start Date	12/8/2014
Test Length [D:H:M]	0:09:00
Test Interval [M:S]	15:00
Mass Average [mg/m3]	0.012
Mass Minimum [mg/m3]	0.006
Mass Maximum [mg/m3]	0.03
Mass TWA [mg/m3]	0.012
Photometric User Cal	1
Flow User Cal	0
Errors	
Number of Samples	36

Elapsed Time [s]	Mass [mg/m3]	Alarms	Errors
900	0.03		
1800	0.019		
2700	0.018		
3600	0.017		
4500	0.017		
5400	0.019		
6300	0.016		
7200	0.015		
8100	0.015		
9000	0.014		
9900	0.013		
10800	0.013		
11700	0.013		
12600	0.012		
13500	0.012		
14400	0.011		
15300	0.009		
16200	0.008		
17100	0.008		
18000	0.008		
18900	0.008		
19800	0.008		
20700	0.007		
21600	0.01		
22500	0.007		
23400	0.007		
24300	0.006		
25200	0.006		
26100	0.007		
27000	0.007		
27900	0.008		
28800	0.008		
29700	0.009		
30600	0.01		
31500	0.011		
32400	0.012		

Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530143210
Firmware Version	3
Calibration Date	8/5/2014
Test Name	UTC SOUTH_002
Test Start Time	8:47:16 AM
Test Start Date	12/9/2014
Test Length [D:H:M]	0:08:00
Test Interval [M:S]	15:00
Mass Average [mg/m3]	0.026
Mass Minimum [mg/m3]	0.015
Mass Maximum [mg/m3]	0.036
Mass TWA [mg/m3]	0.026
Photometric User Cal	1
Flow User Cal	0
Errors	
Number of Samples	32

Elapsed Time [s]	Mass [mg/m3]	Alarms	Errors
900	0.032		
1800	0.033		
2700	0.035		
3600	0.036		
4500	0.036		
5400	0.036		
6300	0.035		
7200	0.034		
8100	0.033		
9000	0.032		
9900	0.029		
10800	0.028		
11700	0.027		
12600	0.026		
13500	0.025		
14400	0.024		
15300	0.023		
16200	0.025		
17100	0.021		
18000	0.02		
18900	0.018		
19800	0.017		
20700	0.015		
21600	0.015		
22500	0.016		
23400	0.016		
24300	0.017		
25200	0.02		
26100	0.021		
27000	0.023		
27900	0.023		
28800	0.026		

Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530143210
Firmware Version	3
Calibration Date	8/5/2014
Test Name	UTC SOUTH_003
Test Start Time	8:38:04 AM
Test Start Date	12/12/2014
Test Length [D:H:M]	0:05:45
Test Interval [M:S]	15:00
Mass Average [mg/m3]	0.018
Mass Minimum [mg/m3]	0.014
Mass Maximum [mg/m3]	0.027
Mass TWA [mg/m3]	0.013
Photometric User Cal	1
Flow User Cal	0
Errors	
Number of Samples	23

Elapsed Time [s]	Mass [mg/m3]	Alarms	Errors
900	0.017		
1800	0.015		
2700	0.016		
3600	0.019		
4500	0.014		
5400	0.018		
6300	0.022		
7200	0.021		
8100	0.016		
9000	0.015		
9900	0.015		
10800	0.015		
11700	0.014		
12600	0.015		
13500	0.014		
14400	0.017		
15300	0.021		
16200	0.018		
17100	0.022		
18000	0.021		
18900	0.027		
19800	0.019		
20700	0.016		

WESTERN CAMP MONITORING STATION DATA

Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530142507
Firmware Version	3
Calibration Date	6/20/2014
Test Name	UTC WEST_001
Test Start Time	9:12:26 AM
Test Start Date	7/31/2014
Test Length [D:H:M]	0:08:00
Test Interval [M:S]	15:00
Mass Average [mg/m3]	0.031
Mass Minimum [mg/m3]	0.026
Mass Maximum [mg/m3]	0.039
Mass TWA [mg/m3]	0.031
Photometric User Cal	1
Flow User Cal	0
Errors	
Number of Samples	32

Elapsed Time [s]	Mass [mg/m3]	Alarms	Errors
900	0.033		
1800	0.027		
2700	0.029		
3600	0.028		
4500	0.027		
5400	0.028		
6300	0.029		
7200	0.029		
8100	0.028		
9000	0.027		
9900	0.029		
10800	0.029		
11700	0.027		
12600	0.026		
13500	0.026		
14400	0.034		
15300	0.031		
16200	0.032		
17100	0.033		
18000	0.036		
18900	0.039		
19800	0.032		
20700	0.028		
21600	0.029		
22500	0.035		
23400	0.032		
24300	0.033		

25200	0.033
26100	0.031
27000	0.031
27900	0.031
28800	0.034

Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530142507
Firmware Version	3
Calibration Date	6/20/2014
Test Name	UTC WEST_002
Test Start Time	7:43:10 AM
Test Start Date	8/1/2014
Test Length [D:H:M]	0:09:00
Test Interval [M:S]	15:00
Mass Average [mg/m3]	0.06
Mass Minimum [mg/m3]	0.048
Mass Maximum [mg/m3]	0.079
Mass TWA [mg/m3]	0.059
Photometric User Cal	1
Flow User Cal	0
Errors	
Number of Samples	36

Elapsed Time [s]	Mass [mg/m3]	Alarms	Errors
900	0.065		
1800	0.065		
2700	0.064		
3600	0.064		
4500	0.063		
5400	0.06		
6300	0.051		
7200	0.05		
8100	0.048		
9000	0.049		
9900	0.051		
10800	0.056		
11700	0.057		
12600	0.057		
13500	0.06		
14400	0.061		
15300	0.053		
16200	0.053		
17100	0.074		
18000	0.053		
18900	0.052		
19800	0.051		
20700	0.054		
21600	0.054		
22500	0.059		
23400	0.079		
24300	0.067		

25200	0.07
26100	0.062
27000	0.062
27900	0.064
28800	0.064
29700	0.066
30600	0.069
31500	0.068
32400	0.069

Instrument Name	DustTrak DRX
Model Number	8533
Serial Number	8533133502
Firmware Version	3
Calibration Date	8/27/2013
Test Name	UTC WEST_002
Test Start Time	8:31:52 AM
Test Start Date	8/4/2014
Test Length [D:H:M]	0:08:30
Test Interval [M:S]	15:00
PM1 Average [mg/m3]	0.042
PM1 Minimum [mg/m3]	0.036
PM1 Maximum [mg/m3]	0.046
PM1 TWA [mg/m3]	0.041
PM2.5 Average [mg/m3]	0.042
PM2.5 Minimum [mg/m3]	0.036
PM2.5 Maximum [mg/m3]	0.046
PM2.5 TWA [mg/m3]	0.042
PM4 Average [mg/m3]	0.042
PM4 Minimum [mg/m3]	0.036
PM4 Maximum [mg/m3]	0.046
PM4 TWA [mg/m3]	0.042
PM10 Average [mg/m3]	0.043
PM10 Minimum [mg/m3]	0.037
PM10 Maximum [mg/m3]	0.047
PM10 TWA [mg/m3]	0.042
TOTAL Average [mg/m3]	0.043
TOTAL Minimum [mg/m3]	0.037
TOTAL Maximum [mg/m3]	0.047
TOTAL TWA [mg/m3]	0.043
Photometric User Cal	1
Size Correction User Cal	1
Flow User Cal	0
Errors	
Number of Samples	34

Elapsed Time [s]	PM1 [mg/m3]	PM2.5 [mg/m3]	PM4 [mg/m3]	PM10 [mg/m3]	TOTAL [mg/m3]	Alarms	Errors
900	0.04	0.04	0.041	0.041	0.041		
1800	0.041	0.042	0.042	0.043	0.043		
2700	0.042	0.043	0.043	0.044	0.044		
3600	0.043	0.043	0.044	0.044	0.044		
4500	0.04	0.041	0.041	0.042	0.042		
5400	0.043	0.043	0.043	0.044	0.044		
6300	0.043	0.043	0.043	0.043	0.044		
7200	0.042	0.043	0.043	0.043	0.044		
8100	0.039	0.04	0.04	0.04	0.041		
9000	0.039	0.039	0.039	0.04	0.04		
9900	0.04	0.04	0.04	0.041	0.041		
10800	0.039	0.039	0.04	0.04	0.04		
11700	0.038	0.038	0.038	0.039	0.039		
12600	0.036	0.036	0.037	0.037	0.037		
13500	0.036	0.036	0.036	0.037	0.037		
14400	0.036	0.037	0.037	0.037	0.037		
15300	0.039	0.039	0.039	0.039	0.039		
16200	0.039	0.04	0.04	0.04	0.04		
17100	0.042	0.042	0.042	0.043	0.043		
18000	0.041	0.041	0.041	0.042	0.042		
18900	0.041	0.041	0.042	0.042	0.042		
19800	0.041	0.041	0.042	0.042	0.042		

20700	0.043	0.043	0.044	0.044	0.044
21600	0.043	0.044	0.044	0.044	0.044
22500	0.044	0.045	0.045	0.045	0.045
23400	0.045	0.045	0.046	0.046	0.046
24300	0.045	0.045	0.045	0.046	0.046
25200	0.044	0.045	0.045	0.045	0.045
26100	0.045	0.045	0.045	0.046	0.046
27000	0.046	0.046	0.046	0.047	0.047
27900	0.046	0.046	0.046	0.047	0.047
28800	0.045	0.045	0.046	0.046	0.046
29700	0.045	0.045	0.046	0.046	0.046
30600	0.046	0.046	0.046	0.047	0.047

Instrument Name	DustTrak DRX
Model Number	8533
Serial Number	8533133502
Firmware Version	3
Calibration Date	8/27/2013
Test Name	UTC WEST_003
Test Start Time	8:05:59 AM
Test Start Date	8/5/2014
Test Length [D:H:M]	0:08:45
Test Interval [M:S]	15:00
PM1 Average [mg/m3]	0.05
PM1 Minimum [mg/m3]	0.034
PM1 Maximum [mg/m3]	0.059
PM1 TWA [mg/m3]	0.05
PM2.5 Average [mg/m3]	0.05
PM2.5 Minimum [mg/m3]	0.034
PM2.5 Maximum [mg/m3]	0.059
PM2.5 TWA [mg/m3]	0.051
PM4 Average [mg/m3]	0.051
PM4 Minimum [mg/m3]	0.034
PM4 Maximum [mg/m3]	0.06
PM4 TWA [mg/m3]	0.052
PM10 Average [mg/m3]	0.053
PM10 Minimum [mg/m3]	0.035
PM10 Maximum [mg/m3]	0.069
PM10 TWA [mg/m3]	0.054
TOTAL Average [mg/m3]	0.053
TOTAL Minimum [mg/m3]	0.035
TOTAL Maximum [mg/m3]	0.073
TOTAL TWA [mg/m3]	0.054
Photometric User Cal	1
Size Correction User Cal	1
Flow User Cal	0
Errors	
Number of Samples	35

Elapsed Time [s]	PM1 [mg/m3]	PM2.5 [mg/m3]	PM4 [mg/m3]	PM10 [mg/m3]	TOTAL [mg/m3]	Alarms	Errors
900	0.047	0.048	0.049	0.052	0.053		
1800	0.046	0.047	0.048	0.051	0.051		
2700	0.046	0.047	0.048	0.052	0.053		
3600	0.047	0.048	0.049	0.051	0.051		
4500	0.049	0.049	0.05	0.051	0.051		
5400	0.047	0.048	0.048	0.05	0.051		
6300	0.045	0.045	0.046	0.047	0.047		
7200	0.052	0.053	0.055	0.069	0.073		
8100	0.045	0.045	0.046	0.049	0.05		
9000	0.044	0.044	0.045	0.05	0.051		
9900	0.047	0.047	0.047	0.048	0.049		
10800	0.049	0.05	0.05	0.051	0.051		
11700	0.05	0.05	0.051	0.053	0.053		
12600	0.052	0.052	0.053	0.056	0.057		
13500	0.052	0.052	0.053	0.054	0.055		
14400	0.054	0.054	0.056	0.06	0.061		
15300	0.052	0.052	0.053	0.054	0.054		
16200	0.053	0.054	0.055	0.058	0.059		
17100	0.055	0.055	0.057	0.065	0.067		
18000	0.05	0.05	0.051	0.051	0.051		
18900	0.049	0.049	0.05	0.051	0.051		

19800	0.05	0.05	0.051	0.051	0.051
20700	0.05	0.05	0.051	0.051	0.052
21600	0.049	0.049	0.05	0.051	0.051
22500	0.041	0.041	0.041	0.042	0.042
23400	0.055	0.056	0.056	0.057	0.058
24300	0.058	0.058	0.059	0.06	0.06
25200	0.059	0.059	0.06	0.061	0.061
26100	0.055	0.056	0.056	0.057	0.057
27000	0.055	0.055	0.056	0.057	0.057
27900	0.054	0.054	0.055	0.056	0.056
28800	0.054	0.054	0.055	0.056	0.057
29700	0.049	0.049	0.05	0.052	0.052
30600	0.041	0.041	0.041	0.043	0.043
31500	0.034	0.034	0.034	0.035	0.035

Instrument Name	DustTrak DRX
Model Number	8533
Serial Number	8533133502
Firmware Version	3
Calibration Date	8/27/2013
Test Name	UTC WEST_004
Test Start Time	7:50:36 AM
Test Start Date	8/6/2014
Test Length [D:H:M]	0:08:45
Test Interval [M:S]	15:00
PM1 Average [mg/m3]	0.02
PM1 Minimum [mg/m3]	0.013
PM1 Maximum [mg/m3]	0.038
PM1 TWA [mg/m3]	0.02
PM2.5 Average [mg/m3]	0.02
PM2.5 Minimum [mg/m3]	0.013
PM2.5 Maximum [mg/m3]	0.038
PM2.5 TWA [mg/m3]	0.021
PM4 Average [mg/m3]	0.02
PM4 Minimum [mg/m3]	0.013
PM4 Maximum [mg/m3]	0.039
PM4 TWA [mg/m3]	0.021
PM10 Average [mg/m3]	0.021
PM10 Minimum [mg/m3]	0.013
PM10 Maximum [mg/m3]	0.04
PM10 TWA [mg/m3]	0.021
TOTAL Average [mg/m3]	0.021
TOTAL Minimum [mg/m3]	0.013
TOTAL Maximum [mg/m3]	0.04
TOTAL TWA [mg/m3]	0.021
Photometric User Cal	1
Size Correction User Cal	1
Flow User Cal	0
Errors	
Number of Samples	35

Elapsed Time [s]	PM1 [mg/m3]	PM2.5 [mg/m3]	PM4 [mg/m3]	PM10 [mg/m3]	TOTAL [mg/m3]	Alarms	Errors
900	0.038	0.038	0.039	0.04	0.04		
1800	0.035	0.035	0.036	0.037	0.037		
2700	0.033	0.033	0.034	0.035	0.035		
3600	0.03	0.031	0.031	0.032	0.032		
4500	0.029	0.029	0.029	0.03	0.03		
5400	0.027	0.027	0.027	0.028	0.028		
6300	0.023	0.023	0.023	0.024	0.024		
7200	0.023	0.023	0.023	0.024	0.024		
8100	0.022	0.022	0.023	0.023	0.023		
9000	0.021	0.021	0.021	0.021	0.021		
9900	0.018	0.018	0.018	0.019	0.019		
10800	0.018	0.018	0.018	0.018	0.018		
11700	0.018	0.018	0.019	0.019	0.019		
12600	0.02	0.02	0.02	0.021	0.021		
13500	0.018	0.018	0.018	0.018	0.018		
14400	0.017	0.018	0.018	0.018	0.018		
15300	0.016	0.017	0.017	0.017	0.017		
16200	0.016	0.016	0.016	0.017	0.017		
17100	0.018	0.018	0.018	0.019	0.019		
18000	0.019	0.019	0.019	0.02	0.02		
18900	0.019	0.019	0.02	0.02	0.02		

19800	0.019	0.019	0.019	0.02	0.02
20700	0.019	0.019	0.02	0.02	0.02
21600	0.019	0.019	0.019	0.02	0.02
22500	0.017	0.017	0.017	0.017	0.017
23400	0.016	0.016	0.016	0.016	0.017
24300	0.015	0.015	0.015	0.016	0.016
25200	0.015	0.015	0.015	0.016	0.016
26100	0.015	0.015	0.015	0.015	0.015
27000	0.015	0.015	0.015	0.015	0.015
27900	0.014	0.014	0.014	0.015	0.015
28800	0.013	0.013	0.014	0.014	0.014
29700	0.013	0.013	0.013	0.014	0.014
30600	0.013	0.013	0.013	0.013	0.013
31500	0.014	0.014	0.014	0.015	0.015

Instrument Name	DustTrak DRX
Model Number	8533
Serial Number	8533133502
Firmware Version	3
Calibration Date	8/27/2013
Test Name	UTC WEST_005
Test Start Time	7:02:26 AM
Test Start Date	8/7/2014
Test Length [D:H:M]	0:09:45
Test Interval [M:S]	15:00
PM1 Average [mg/m3]	0.018
PM1 Minimum [mg/m3]	0.015
PM1 Maximum [mg/m3]	0.021
PM1 TWA [mg/m3]	0.018
PM2.5 Average [mg/m3]	0.018
PM2.5 Minimum [mg/m3]	0.015
PM2.5 Maximum [mg/m3]	0.021
PM2.5 TWA [mg/m3]	0.018
PM4 Average [mg/m3]	0.018
PM4 Minimum [mg/m3]	0.015
PM4 Maximum [mg/m3]	0.021
PM4 TWA [mg/m3]	0.018
PM10 Average [mg/m3]	0.018
PM10 Minimum [mg/m3]	0.015
PM10 Maximum [mg/m3]	0.021
PM10 TWA [mg/m3]	0.018
TOTAL Average [mg/m3]	0.018
TOTAL Minimum [mg/m3]	0.015
TOTAL Maximum [mg/m3]	0.021
TOTAL TWA [mg/m3]	0.018
Photometric User Cal	1
Size Correction User Cal	1
Flow User Cal	0
Errors	
Number of Samples	39

Elapsed Time [s]	PM1 [mg/m3]	PM2.5 [mg/m3]	PM4 [mg/m3]	PM10 [mg/m3]	TOTAL [mg/m3]	Alarms	Errors
900	0.02	0.02	0.02	0.021	0.021		
1800	0.02	0.02	0.021	0.021	0.021		
2700	0.02	0.02	0.021	0.021	0.021		
3600	0.02	0.02	0.02	0.021	0.021		
4500	0.02	0.02	0.021	0.021	0.021		
5400	0.02	0.02	0.02	0.02	0.02		
6300	0.019	0.02	0.02	0.02	0.02		
7200	0.02	0.02	0.02	0.02	0.02		
8100	0.018	0.018	0.019	0.019	0.019		
9000	0.017	0.018	0.018	0.018	0.018		
9900	0.017	0.017	0.017	0.017	0.017		
10800	0.016	0.016	0.016	0.016	0.016		
11700	0.016	0.016	0.016	0.016	0.016		
12600	0.017	0.017	0.017	0.017	0.017		
13500	0.017	0.017	0.017	0.017	0.017		
14400	0.016	0.017	0.017	0.017	0.017		
15300	0.016	0.017	0.017	0.017	0.017		
16200	0.016	0.016	0.016	0.016	0.016		
17100	0.015	0.015	0.015	0.016	0.016		
18000	0.015	0.015	0.015	0.015	0.015		
18900	0.016	0.016	0.016	0.016	0.016		

19800	0.016	0.016	0.016	0.017	0.017
20700	0.017	0.017	0.018	0.019	0.019
21600	0.017	0.017	0.017	0.018	0.018
22500	0.017	0.017	0.018	0.018	0.018
23400	0.018	0.018	0.018	0.018	0.018
24300	0.017	0.017	0.018	0.018	0.018
25200	0.018	0.019	0.019	0.019	0.019
26100	0.019	0.02	0.02	0.02	0.02
27000	0.019	0.019	0.019	0.019	0.019
27900	0.019	0.019	0.02	0.02	0.02
28800	0.021	0.021	0.021	0.021	0.021
29700	0.019	0.019	0.019	0.019	0.019
30600	0.019	0.02	0.02	0.02	0.02
31500	0.019	0.02	0.02	0.02	0.02
32400	0.018	0.018	0.018	0.018	0.018
33300	0.018	0.018	0.018	0.018	0.018
34200	0.018	0.018	0.018	0.018	0.018
35100	0.018	0.018	0.018	0.018	0.018

Instrument Name	DustTrak DRX
Model Number	8533
Serial Number	8533133502
Firmware Version	3
Calibration Date	8/27/2013
Test Name	UTC WEST_001
Test Start Time	7:18:28 AM
Test Start Date	8/8/2014
Test Length [D:H:M]	0:09:00
Test Interval [M:S]	15:00
PM1 Average [mg/m3]	0.013
PM1 Minimum [mg/m3]	0.009
PM1 Maximum [mg/m3]	0.019
PM1 TWA [mg/m3]	0.013
PM2.5 Average [mg/m3]	0.013
PM2.5 Minimum [mg/m3]	0.009
PM2.5 Maximum [mg/m3]	0.02
PM2.5 TWA [mg/m3]	0.013
PM4 Average [mg/m3]	0.013
PM4 Minimum [mg/m3]	0.009
PM4 Maximum [mg/m3]	0.02
PM4 TWA [mg/m3]	0.014
PM10 Average [mg/m3]	0.014
PM10 Minimum [mg/m3]	0.009
PM10 Maximum [mg/m3]	0.021
PM10 TWA [mg/m3]	0.014
TOTAL Average [mg/m3]	0.014
TOTAL Minimum [mg/m3]	0.009
TOTAL Maximum [mg/m3]	0.021
TOTAL TWA [mg/m3]	0.014
Photometric User Cal	1
Size Correction User Cal	1
Flow User Cal	0
Errors	
Number of Samples	36

Elapsed Time [s]	PM1 [mg/m3]	PM2.5 [mg/m3]	PM4 [mg/m3]	PM10 [mg/m3]	TOTAL [mg/m3]	Alarms	Errors
900	0.016	0.017	0.017	0.018	0.018		
1800	0.017	0.017	0.018	0.021	0.021		
2700	0.016	0.016	0.016	0.017	0.017		
3600	0.015	0.016	0.016	0.017	0.017		
4500	0.017	0.017	0.018	0.019	0.019		
5400	0.019	0.02	0.02	0.021	0.021		
6300	0.018	0.018	0.019	0.02	0.02		
7200	0.017	0.017	0.017	0.018	0.018		
8100	0.016	0.016	0.016	0.017	0.017		
9000	0.015	0.015	0.016	0.016	0.016		
9900	0.017	0.017	0.017	0.018	0.018		
10800	0.016	0.016	0.017	0.017	0.017		
11700	0.016	0.016	0.017	0.018	0.018		
12600	0.016	0.016	0.016	0.017	0.017		
13500	0.014	0.015	0.015	0.015	0.015		
14400	0.014	0.014	0.014	0.014	0.015		
15300	0.014	0.014	0.014	0.015	0.015		
16200	0.012	0.012	0.012	0.013	0.013		
17100	0.012	0.012	0.013	0.013	0.013		
18000	0.011	0.011	0.011	0.012	0.012		
18900	0.009	0.01	0.01	0.01	0.01		

19800	0.009	0.009	0.009	0.009	0.009
20700	0.009	0.009	0.009	0.009	0.009
21600	0.009	0.009	0.009	0.009	0.009
22500	0.009	0.009	0.009	0.01	0.01
23400	0.009	0.009	0.01	0.01	0.01
24300	0.01	0.01	0.01	0.01	0.01
25200	0.01	0.01	0.01	0.01	0.01
26100	0.01	0.01	0.011	0.011	0.011
27000	0.01	0.01	0.01	0.01	0.01
27900	0.01	0.01	0.01	0.01	0.01
28800	0.009	0.009	0.009	0.009	0.009
29700	0.009	0.009	0.009	0.01	0.01
30600	0.009	0.009	0.01	0.01	0.01
31500	0.009	0.009	0.009	0.01	0.01
32400	0.009	0.009	0.009	0.009	0.009

Instrument Name	DustTrak DRX
Model Number	8533
Serial Number	8533133502
Firmware Version	3
Calibration Date	8/27/2013
Test Name	UTC WEST_002
Test Start Time	7:10:17 AM
Test Start Date	8/11/2014
Test Length [D:H:M]	0:09:15
Test Interval [M:S]	15:00
PM1 Average [mg/m3]	0.023
PM1 Minimum [mg/m3]	0.019
PM1 Maximum [mg/m3]	0.035
PM1 TWA [mg/m3]	0.023
PM2.5 Average [mg/m3]	0.023
PM2.5 Minimum [mg/m3]	0.019
PM2.5 Maximum [mg/m3]	0.036
PM2.5 TWA [mg/m3]	0.023
PM4 Average [mg/m3]	0.023
PM4 Minimum [mg/m3]	0.02
PM4 Maximum [mg/m3]	0.037
PM4 TWA [mg/m3]	0.023
PM10 Average [mg/m3]	0.025
PM10 Minimum [mg/m3]	0.021
PM10 Maximum [mg/m3]	0.04
PM10 TWA [mg/m3]	0.025
TOTAL Average [mg/m3]	0.025
TOTAL Minimum [mg/m3]	0.021
TOTAL Maximum [mg/m3]	0.041
TOTAL TWA [mg/m3]	0.025
Photometric User Cal	1
Size Correction User Cal	1
Flow User Cal	0
Errors	
Number of Samples	37

Elapsed Time [s]	PM1 [mg/m3]	PM2.5 [mg/m3]	PM4 [mg/m3]	PM10 [mg/m3]	TOTAL [mg/m3]	Alarms	Errors
900	0.035	0.036	0.037	0.04	0.041		
1800	0.023	0.023	0.024	0.027	0.027		
2700	0.021	0.021	0.022	0.024	0.024		
3600	0.021	0.021	0.022	0.024	0.025		
4500	0.02	0.02	0.021	0.023	0.023		
5400	0.02	0.02	0.021	0.021	0.022		
6300	0.021	0.021	0.022	0.024	0.024		
7200	0.019	0.02	0.02	0.021	0.021		
8100	0.019	0.019	0.02	0.021	0.021		
9000	0.021	0.022	0.023	0.026	0.027		
9900	0.021	0.021	0.021	0.023	0.023		
10800	0.022	0.022	0.023	0.024	0.024		
11700	0.023	0.023	0.024	0.026	0.026		
12600	0.024	0.024	0.025	0.028	0.028		
13500	0.025	0.025	0.026	0.027	0.028		
14400	0.028	0.028	0.028	0.03	0.03		
15300	0.028	0.028	0.029	0.03	0.031		
16200	0.026	0.026	0.027	0.028	0.028		
17100	0.024	0.024	0.025	0.026	0.026		
18000	0.023	0.023	0.023	0.024	0.024		
18900	0.02	0.02	0.021	0.022	0.022		

19800	0.021	0.021	0.022	0.023	0.023
20700	0.021	0.021	0.021	0.022	0.022
21600	0.021	0.021	0.021	0.022	0.022
22500	0.021	0.021	0.022	0.022	0.022
23400	0.021	0.022	0.022	0.023	0.023
24300	0.022	0.022	0.022	0.023	0.023
25200	0.023	0.023	0.023	0.024	0.024
26100	0.023	0.023	0.023	0.024	0.024
27000	0.023	0.023	0.023	0.023	0.024
27900	0.023	0.023	0.023	0.024	0.024
28800	0.023	0.023	0.023	0.024	0.024
29700	0.023	0.023	0.023	0.024	0.024
30600	0.023	0.023	0.023	0.024	0.024
31500	0.024	0.024	0.025	0.027	0.027
32400	0.023	0.023	0.023	0.024	0.024
33300	0.024	0.024	0.025	0.027	0.028

Instrument Name	DustTrak DRX
Model Number	8533
Serial Number	8533133502
Firmware Version	3
Calibration Date	8/27/2013
Test Name	UTC WEST_001
Test Start Time	7:11:32 AM
Test Start Date	8/14/2014
Test Length [D:H:M]	0:09:30
Test Interval [M:S]	15:00
PM1 Average [mg/m3]	0.006
PM1 Minimum [mg/m3]	0.002
PM1 Maximum [mg/m3]	0.008
PM1 TWA [mg/m3]	0.005
PM2.5 Average [mg/m3]	0.006
PM2.5 Minimum [mg/m3]	0.002
PM2.5 Maximum [mg/m3]	0.009
PM2.5 TWA [mg/m3]	0.006
PM4 Average [mg/m3]	0.006
PM4 Minimum [mg/m3]	0.002
PM4 Maximum [mg/m3]	0.009
PM4 TWA [mg/m3]	0.006
PM10 Average [mg/m3]	0.006
PM10 Minimum [mg/m3]	0.002
PM10 Maximum [mg/m3]	0.009
PM10 TWA [mg/m3]	0.006
TOTAL Average [mg/m3]	0.006
TOTAL Minimum [mg/m3]	0.002
TOTAL Maximum [mg/m3]	0.009
TOTAL TWA [mg/m3]	0.006
Photometric User Cal	1
Size Correction User Cal	1
Flow User Cal	0
Errors	
Number of Samples	38

Elapsed Time [s]	PM1 [mg/m3]	PM2.5 [mg/m3]	PM4 [mg/m3]	PM10 [mg/m3]	TOTAL [mg/m3]	Alarms	Errors
900	0.005	0.005	0.006	0.006	0.006		
1800	0.005	0.006	0.006	0.006	0.006		
2700	0.005	0.005	0.005	0.005	0.005		
3600	0.004	0.005	0.005	0.005	0.005		
4500	0.004	0.004	0.004	0.004	0.004		
5400	0.003	0.003	0.003	0.003	0.004		
6300	0.002	0.003	0.003	0.003	0.003		
7200	0.002	0.002	0.002	0.002	0.003		
8100	0.002	0.002	0.002	0.002	0.002		
9000	0.002	0.002	0.002	0.002	0.002		
9900	0.002	0.003	0.003	0.003	0.003		
10800	0.004	0.004	0.004	0.004	0.004		
11700	0.005	0.005	0.005	0.005	0.005		
12600	0.006	0.006	0.006	0.006	0.006		
13500	0.006	0.006	0.006	0.006	0.006		
14400	0.005	0.005	0.005	0.005	0.006		
15300	0.005	0.005	0.006	0.006	0.006		
16200	0.006	0.006	0.006	0.006	0.006		0.007
17100	0.006	0.006	0.006	0.006	0.006		0.006
18000	0.006	0.006	0.006	0.006	0.007		0.007
18900	0.006	0.006	0.006	0.006	0.006		0.006

19800	0.006	0.006	0.007	0.007	0.007
20700	0.007	0.007	0.008	0.008	0.008
21600	0.008	0.008	0.008	0.008	0.008
22500	0.008	0.008	0.008	0.009	0.009
23400	0.008	0.009	0.009	0.009	0.009
24300	0.008	0.008	0.008	0.009	0.009
25200	0.008	0.008	0.008	0.008	0.008
26100	0.008	0.008	0.008	0.008	0.009
27000	0.008	0.008	0.008	0.008	0.009
27900	0.008	0.008	0.008	0.008	0.008
28800	0.008	0.008	0.008	0.009	0.009
29700	0.008	0.008	0.008	0.008	0.008
30600	0.007	0.007	0.008	0.008	0.008
31500	0.007	0.007	0.007	0.007	0.007
32400	0.006	0.006	0.006	0.006	0.006
33300	0.006	0.006	0.006	0.006	0.006
34200	0.005	0.005	0.005	0.006	0.006

Instrument Name	DustTrak DRX
Model Number	8533
Serial Number	8533133502
Firmware Version	3
Calibration Date	8/27/2013
Test Name	UTC WEST_001
Test Start Time	7:02:45 AM
Test Start Date	8/18/2014
Test Length [D:H:M]	0:23:50
Test Interval [M:S]	15:00
PM1 Average [mg/m3]	0.01
PM1 Minimum [mg/m3]	0
PM1 Maximum [mg/m3]	0.012
PM1 TWA [mg/m3]	0
PM2.5 Average [mg/m3]	0.01
PM2.5 Minimum [mg/m3]	0
PM2.5 Maximum [mg/m3]	0.012
PM2.5 TWA [mg/m3]	0
PM4 Average [mg/m3]	0.011
PM4 Minimum [mg/m3]	0
PM4 Maximum [mg/m3]	0.012
PM4 TWA [mg/m3]	0
PM10 Average [mg/m3]	0.011
PM10 Minimum [mg/m3]	0
PM10 Maximum [mg/m3]	0.012
PM10 TWA [mg/m3]	0
TOTAL Average [mg/m3]	0.011
TOTAL Minimum [mg/m3]	0
TOTAL Maximum [mg/m3]	0.013
TOTAL TWA [mg/m3]	0
Photometric User Cal	1
Size Correction User Cal	1
Flow User Cal	0
Errors	
Number of Samples	43

Elapsed Time [s]	PM1 [mg/m3]	PM2.5 [mg/m3]	PM4 [mg/m3]	PM10 [mg/m3]	TOTAL [mg/m3]	Alarms	Errors
900	0.009	0.009	0.01	0.01	0.01		
1800	0.009	0.009	0.01	0.01	0.01		
2700	0.009	0.01	0.01	0.011	0.011		
3600	0.01	0.01	0.011	0.012	0.013		
4500	0.009	0.01	0.01	0.01	0.011		
5400	0.009	0.009	0.009	0.01	0.01		
6300	0.009	0.009	0.01	0.01	0.01		
7200	0.009	0.009	0.01	0.01	0.01		
8100	0.009	0.009	0.01	0.01	0.01		
9000	0.009	0.009	0.01	0.01	0.01		
9900	0.01	0.01	0.01	0.011	0.011		
10800	0.01	0.01	0.01	0.011	0.011		
11700	0.011	0.011	0.011	0.012	0.012		
12600	0.011	0.011	0.011	0.011	0.011		
13500	0.011	0.011	0.011	0.012	0.012		
14400	0.011	0.011	0.011	0.011	0.011		
15300	0.012	0.012	0.012	0.012	0.012		
16200	0.011	0.011	0.012	0.012	0.012		
17100	0.011	0.011	0.011	0.011	0.011		
18000	0.011	0.011	0.011	0.011	0.011		
18900	0.01	0.01	0.011	0.011	0.011		

19800	0.011	0.011	0.011	0.012	0.012
20700	0.011	0.011	0.011	0.011	0.011
21600	0.011	0.011	0.011	0.011	0.011
22500	0.011	0.011	0.011	0.011	0.011
23400	0.011	0.011	0.011	0.012	0.012
24300	0.011	0.011	0.011	0.011	0.011
25200	0.011	0.011	0.011	0.011	0.011
26100	0.011	0.011	0.012	0.012	0.012
27000	0.011	0.011	0.012	0.012	0.012
27900	0.011	0.011	0.011	0.011	0.011
28800	0.011	0.011	0.011	0.012	0.012
29700	0.011	0.011	0.011	0.011	0.011
30600	0.011	0.011	0.011	0.011	0.011
31500	0.011	0.011	0.011	0.011	0.011
32400	0.011	0.011	0.011	0.011	0.012
33300	0.011	0.011	0.011	0.012	0.012
34200	0.011	0.011	0.011	0.011	0.011
35100	0.011	0.011	0.011	0.011	0.011
36000	0.011	0.011	0.011	0.011	0.011
36900	0.011	0.011	0.011	0.011	0.011
37800	0.011	0.011	0.011	0.011	0.011
85814	0	0	0	0	0

Instrument Name	DustTrak DRX
Model Number	8533
Serial Number	8533133502
Firmware Version	3
Calibration Date	8/27/2013
Test Name	UTC WEST_002
Test Start Time	7:03:04 AM
Test Start Date	8/19/2014
Test Length [D:H:M]	0:05:15
Test Interval [M:S]	15:00
PM1 Average [mg/m3]	0.01
PM1 Minimum [mg/m3]	0.007
PM1 Maximum [mg/m3]	0.013
PM1 TWA [mg/m3]	0.006
PM2.5 Average [mg/m3]	0.01
PM2.5 Minimum [mg/m3]	0.007
PM2.5 Maximum [mg/m3]	0.013
PM2.5 TWA [mg/m3]	0.007
PM4 Average [mg/m3]	0.011
PM4 Minimum [mg/m3]	0.008
PM4 Maximum [mg/m3]	0.014
PM4 TWA [mg/m3]	0.007
PM10 Average [mg/m3]	0.012
PM10 Minimum [mg/m3]	0.008
PM10 Maximum [mg/m3]	0.017
PM10 TWA [mg/m3]	0.008
TOTAL Average [mg/m3]	0.012
TOTAL Minimum [mg/m3]	0.008
TOTAL Maximum [mg/m3]	0.017
TOTAL TWA [mg/m3]	0.008
Photometric User Cal	1
Size Correction User Cal	1
Flow User Cal	0
Errors	Flow Error
Number of Samples	21

Elapsed Time [s]	PM1 [mg/m3]	PM2.5 [mg/m3]	PM4 [mg/m3]	PM10 [mg/m3]	TOTAL [mg/m3]	Alarms	Errors
900	0.009	0.009	0.01	0.013	0.013		
1800	0.01	0.01	0.012	0.015	0.016		
2700	0.007	0.007	0.008	0.008	0.008		
3600	0.009	0.01	0.011	0.013	0.013		
4500	0.009	0.01	0.01	0.011	0.011		
5400	0.012	0.012	0.013	0.015	0.015		
6300	0.009	0.009	0.01	0.011	0.011		
7200	0.009	0.009	0.009	0.01	0.01		
8100	0.009	0.01	0.01	0.011	0.011		
9000	0.008	0.008	0.009	0.009	0.009		
9900	0.008	0.009	0.009	0.009	0.009		
10800	0.009	0.009	0.009	0.01	0.01		
11700	0.009	0.009	0.01	0.01	0.01		
12600	0.01	0.01	0.011	0.011	0.011		
13500	0.01	0.011	0.011	0.011	0.011		
14400	0.011	0.011	0.011	0.012	0.012		
15300	0.011	0.011	0.011	0.012	0.012		
16200	0.013	0.013	0.014	0.017	0.017		
17100	0.011	0.012	0.012	0.012	0.012		
18000	0.012	0.012	0.012	0.012	0.012		
18900	0.012	0.013	0.014	0.016	0.016		Flow Error

Instrument Name	DustTrak DRX
Model Number	8533
Serial Number	8533133502
Firmware Version	3
Calibration Date	8/27/2013
Test Name	UTC WEST_001
Test Start Time	7:07:43 AM
Test Start Date	8/20/2014
Test Length [D:H:M]	0:07:45
Test Interval [M:S]	15:00
PM1 Average [mg/m3]	0.036
PM1 Minimum [mg/m3]	0.019
PM1 Maximum [mg/m3]	0.05
PM1 TWA [mg/m3]	0.035
PM2.5 Average [mg/m3]	0.037
PM2.5 Minimum [mg/m3]	0.02
PM2.5 Maximum [mg/m3]	0.05
PM2.5 TWA [mg/m3]	0.036
PM4 Average [mg/m3]	0.037
PM4 Minimum [mg/m3]	0.021
PM4 Maximum [mg/m3]	0.051
PM4 TWA [mg/m3]	0.036
PM10 Average [mg/m3]	0.039
PM10 Minimum [mg/m3]	0.022
PM10 Maximum [mg/m3]	0.051
PM10 TWA [mg/m3]	0.038
TOTAL Average [mg/m3]	0.039
TOTAL Minimum [mg/m3]	0.022
TOTAL Maximum [mg/m3]	0.052
TOTAL TWA [mg/m3]	0.038
Photometric User Cal	1
Size Correction User Cal	1
Flow User Cal	0
Errors	
Number of Samples	31

Elapsed Time [s]	PM1 [mg/m3]	PM2.5 [mg/m3]	PM4 [mg/m3]	PM10 [mg/m3]	TOTAL [mg/m3]	Alarms	Errors
900	0.019	0.02	0.021	0.023	0.023		
1800	0.021	0.022	0.025	0.029	0.03		
2700	0.023	0.024	0.026	0.032	0.033		
3600	0.021	0.021	0.022	0.025	0.025		
4500	0.02	0.02	0.021	0.022	0.022		
5400	0.021	0.021	0.022	0.023	0.023		
6300	0.023	0.023	0.024	0.025	0.025		
7200	0.024	0.025	0.025	0.027	0.027		
8100	0.026	0.026	0.027	0.028	0.029		
9000	0.026	0.026	0.027	0.028	0.028		
9900	0.034	0.034	0.034	0.035	0.035		
10800	0.039	0.039	0.039	0.04	0.041		
11700	0.039	0.039	0.04	0.04	0.04		
12600	0.039	0.039	0.039	0.04	0.04		
13500	0.043	0.043	0.046	0.051	0.052		
14400	0.039	0.039	0.04	0.04	0.04		
15300	0.04	0.04	0.041	0.042	0.042		
16200	0.042	0.042	0.043	0.046	0.046		
17100	0.041	0.041	0.042	0.043	0.043		
18000	0.041	0.042	0.042	0.043	0.043		
18900	0.044	0.044	0.045	0.047	0.047		

19800	0.043	0.043	0.043	0.044	0.044
20700	0.044	0.044	0.044	0.045	0.045
21600	0.045	0.045	0.045	0.046	0.046
22500	0.046	0.046	0.047	0.047	0.047
23400	0.047	0.047	0.048	0.048	0.048
24300	0.047	0.047	0.048	0.049	0.049
25200	0.048	0.049	0.049	0.05	0.05
26100	0.05	0.05	0.051	0.051	0.051
27000	0.048	0.048	0.048	0.048	0.048
27900	0.048	0.048	0.048	0.048	0.048

Instrument Name	DustTrak DRX
Model Number	8533
Serial Number	8533133502
Firmware Version	3
Calibration Date	8/27/2013
Test Name	UTC WEST_002
Test Start Time	7:03:46 AM
Test Start Date	8/21/2014
Test Length [D:H:M]	0:08:00
Test Interval [M:S]	15:00
PM1 Average [mg/m3]	0.018
PM1 Minimum [mg/m3]	0.006
PM1 Maximum [mg/m3]	0.036
PM1 TWA [mg/m3]	0.018
PM2.5 Average [mg/m3]	0.018
PM2.5 Minimum [mg/m3]	0.006
PM2.5 Maximum [mg/m3]	0.036
PM2.5 TWA [mg/m3]	0.018
PM4 Average [mg/m3]	0.019
PM4 Minimum [mg/m3]	0.006
PM4 Maximum [mg/m3]	0.037
PM4 TWA [mg/m3]	0.019
PM10 Average [mg/m3]	0.02
PM10 Minimum [mg/m3]	0.007
PM10 Maximum [mg/m3]	0.039
PM10 TWA [mg/m3]	0.02
TOTAL Average [mg/m3]	0.02
TOTAL Minimum [mg/m3]	0.007
TOTAL Maximum [mg/m3]	0.04
TOTAL TWA [mg/m3]	0.02
Photometric User Cal	1
Size Correction User Cal	1
Flow User Cal	0
Errors	
Number of Samples	32

Elapsed Time [s]	PM1 [mg/m3]	PM2.5 [mg/m3]	PM4 [mg/m3]	PM10 [mg/m3]	TOTAL [mg/m3]	Alarms	Errors
900	0.036	0.036	0.037	0.039	0.04		
1800	0.034	0.035	0.036	0.037	0.037		
2700	0.034	0.034	0.035	0.036	0.036		
3600	0.035	0.035	0.036	0.038	0.038		
4500	0.033	0.033	0.034	0.036	0.036		
5400	0.034	0.035	0.036	0.038	0.038		
6300	0.032	0.033	0.034	0.036	0.037		
7200	0.03	0.03	0.031	0.032	0.033		
8100	0.027	0.028	0.028	0.029	0.03		
9000	0.026	0.026	0.027	0.028	0.028		
9900	0.025	0.025	0.026	0.027	0.027		
10800	0.025	0.026	0.026	0.027	0.027		
11700	0.011	0.011	0.012	0.012	0.012		
12600	0.015	0.015	0.016	0.016	0.016		
13500	0.007	0.007	0.007	0.008	0.008		
14400	0.007	0.007	0.007	0.008	0.008		
15300	0.007	0.007	0.008	0.008	0.008		
16200	0.007	0.007	0.008	0.008	0.008		
17100	0.007	0.007	0.007	0.008	0.008		
18000	0.006	0.006	0.006	0.007	0.007		
18900	0.006	0.006	0.006	0.007	0.007		

19800	0.006	0.007	0.007	0.007	0.008
20700	0.008	0.009	0.009	0.009	0.01
21600	0.009	0.01	0.01	0.01	0.011
22500	0.01	0.01	0.011	0.011	0.012
23400	0.011	0.011	0.011	0.012	0.012
24300	0.011	0.012	0.012	0.012	0.012
25200	0.012	0.013	0.013	0.013	0.013
26100	0.013	0.013	0.014	0.014	0.014
27000	0.017	0.018	0.019	0.02	0.02
27900	0.017	0.017	0.018	0.018	0.018
28800	0.018	0.018	0.019	0.019	0.019

Instrument Name	DustTrak DRX
Model Number	8533
Serial Number	8533133502
Firmware Version	3
Calibration Date	8/27/2013
Test Name	UTC WEST_001
Test Start Time	9:01:11 AM
Test Start Date	8/22/2014
Test Length [D:H:M]	0:05:45
Test Interval [M:S]	15:00
PM1 Average [mg/m3]	0.015
PM1 Minimum [mg/m3]	0.013
PM1 Maximum [mg/m3]	0.018
PM1 TWA [mg/m3]	0.01
PM2.5 Average [mg/m3]	0.015
PM2.5 Minimum [mg/m3]	0.013
PM2.5 Maximum [mg/m3]	0.018
PM2.5 TWA [mg/m3]	0.011
PM4 Average [mg/m3]	0.015
PM4 Minimum [mg/m3]	0.013
PM4 Maximum [mg/m3]	0.018
PM4 TWA [mg/m3]	0.011
PM10 Average [mg/m3]	0.016
PM10 Minimum [mg/m3]	0.014
PM10 Maximum [mg/m3]	0.019
PM10 TWA [mg/m3]	0.011
TOTAL Average [mg/m3]	0.016
TOTAL Minimum [mg/m3]	0.014
TOTAL Maximum [mg/m3]	0.019
TOTAL TWA [mg/m3]	0.011
Photometric User Cal	1
Size Correction User Cal	1
Flow User Cal	0
Errors	
Number of Samples	23

Elapsed Time [s]	PM1 [mg/m3]	PM2.5 [mg/m3]	PM4 [mg/m3]	PM10 [mg/m3]	TOTAL [mg/m3]	Alarms	Errors
900	0.013	0.013	0.014	0.014	0.015		
1800	0.014	0.014	0.014	0.015	0.016		
2700	0.013	0.013	0.014	0.014	0.015		
3600	0.013	0.013	0.013	0.014	0.014		
4500	0.013	0.014	0.014	0.016	0.016		
5400	0.013	0.013	0.014	0.015	0.015		
6300	0.013	0.014	0.014	0.016	0.016		
7200	0.013	0.013	0.014	0.015	0.015		
8100	0.014	0.014	0.014	0.015	0.015		
9000	0.014	0.015	0.015	0.016	0.016		
9900	0.014	0.014	0.015	0.015	0.015		
10800	0.015	0.015	0.015	0.016	0.016		
11700	0.016	0.016	0.016	0.017	0.017		
12600	0.015	0.016	0.016	0.016	0.016		
13500	0.015	0.015	0.016	0.016	0.016		
14400	0.015	0.016	0.016	0.017	0.017		
15300	0.014	0.014	0.014	0.015	0.015		
16200	0.015	0.015	0.016	0.016	0.016		
17100	0.018	0.018	0.018	0.019	0.019		
18000	0.017	0.017	0.017	0.017	0.017		
18900	0.017	0.017	0.018	0.018	0.018		
19800	0.016	0.016	0.017	0.017	0.017		
20700	0.014	0.015	0.015	0.015	0.015		

Instrument Name	DustTrak DRX
Model Number	8533
Serial Number	8533133502
Firmware Version	3
Calibration Date	8/27/2013
Test Name	UTC WEST_001
Test Start Time	7:15:24 AM
Test Start Date	8/25/2014
Test Length [D:H:M]	0:09:30
Test Interval [M:S]	15:00
PM1 Average [mg/m3]	0.013
PM1 Minimum [mg/m3]	0.007
PM1 Maximum [mg/m3]	0.015
PM1 TWA [mg/m3]	0.013
PM2.5 Average [mg/m3]	0.013
PM2.5 Minimum [mg/m3]	0.007
PM2.5 Maximum [mg/m3]	0.015
PM2.5 TWA [mg/m3]	0.013
PM4 Average [mg/m3]	0.014
PM4 Minimum [mg/m3]	0.007
PM4 Maximum [mg/m3]	0.016
PM4 TWA [mg/m3]	0.014
PM10 Average [mg/m3]	0.015
PM10 Minimum [mg/m3]	0.007
PM10 Maximum [mg/m3]	0.018
PM10 TWA [mg/m3]	0.015
TOTAL Average [mg/m3]	0.015
TOTAL Minimum [mg/m3]	0.007
TOTAL Maximum [mg/m3]	0.019
TOTAL TWA [mg/m3]	0.015
Photometric User Cal	1
Size Correction User Cal	1
Flow User Cal	0
Errors	Flow Error
Number of Samples	38

Elapsed Time [s]	PM1 [mg/m3]	PM2.5 [mg/m3]	PM4 [mg/m3]	PM10 [mg/m3]	TOTAL [mg/m3]	Alarms	Errors
900	0.012	0.012	0.013	0.015	0.015		
1800	0.01	0.011	0.012	0.013	0.013		
2700	0.013	0.013	0.015	0.018	0.019		
3600	0.012	0.012	0.013	0.015	0.015		
4500	0.012	0.012	0.014	0.017	0.017		
5400	0.012	0.012	0.013	0.015	0.015		
6300	0.011	0.011	0.012	0.013	0.013		
7200	0.011	0.011	0.012	0.014	0.014		
8100	0.011	0.011	0.011	0.013	0.013		
9000	0.013	0.013	0.014	0.018	0.018		
9900	0.011	0.011	0.012	0.014	0.014		
10800	0.012	0.012	0.013	0.015	0.015		
11700	0.012	0.013	0.013	0.015	0.015		
12600	0.014	0.014	0.015	0.017	0.017		
13500	0.014	0.014	0.015	0.016	0.016		
14400	0.013	0.014	0.014	0.015	0.015		
15300	0.013	0.013	0.014	0.015	0.016		
16200	0.013	0.013	0.014	0.015	0.015		
17100	0.014	0.014	0.015	0.016	0.017		
18000	0.014	0.014	0.015	0.016	0.016		
18900	0.013	0.014	0.014	0.015	0.015		
19800	0.014	0.014	0.014	0.015	0.015		

20700	0.014	0.014	0.014	0.015	0.015	
21600	0.014	0.014	0.014	0.015	0.015	
22500	0.014	0.014	0.015	0.015	0.016	
23400	0.014	0.014	0.015	0.016	0.016	
24300	0.015	0.015	0.016	0.018	0.018	
25200	0.014	0.015	0.015	0.015	0.016	
26100	0.014	0.015	0.015	0.016	0.016	
27000	0.014	0.014	0.015	0.015	0.015	
27900	0.013	0.014	0.014	0.015	0.015	
28800	0.013	0.013	0.013	0.014	0.015	
29700	0.014	0.014	0.014	0.015	0.015	
30600	0.014	0.014	0.014	0.015	0.015	
31500	0.013	0.013	0.014	0.014	0.014	
32400	0.013	0.013	0.013	0.014	0.014	
33300	0.013	0.013	0.014	0.014	0.015	
34200	0.007	0.007	0.007	0.007	0.007	Flow Error

Instrument Name	DustTrak DRX
Model Number	8533
Serial Number	8533133502
Firmware Version	3
Calibration Date	8/27/2013
Test Name	UTC WEST_002
Test Start Time	7:05:17 AM
Test Start Date	8/26/2014
Test Length [D:H:M]	0:11:00
Test Interval [M:S]	15:00
PM1 Average [mg/m3]	0.015
PM1 Minimum [mg/m3]	0.012
PM1 Maximum [mg/m3]	0.018
PM1 TWA [mg/m3]	0.016
PM2.5 Average [mg/m3]	0.016
PM2.5 Minimum [mg/m3]	0.012
PM2.5 Maximum [mg/m3]	0.019
PM2.5 TWA [mg/m3]	0.017
PM4 Average [mg/m3]	0.016
PM4 Minimum [mg/m3]	0.012
PM4 Maximum [mg/m3]	0.021
PM4 TWA [mg/m3]	0.017
PM10 Average [mg/m3]	0.017
PM10 Minimum [mg/m3]	0.012
PM10 Maximum [mg/m3]	0.029
PM10 TWA [mg/m3]	0.018
TOTAL Average [mg/m3]	0.017
TOTAL Minimum [mg/m3]	0.012
TOTAL Maximum [mg/m3]	0.03
TOTAL TWA [mg/m3]	0.019
Photometric User Cal	1
Size Correction User Cal	1
Flow User Cal	0
Errors	
Number of Samples	44

Elapsed Time [s]	PM1 [mg/m3]	PM2.5 [mg/m3]	PM4 [mg/m3]	PM10 [mg/m3]	TOTAL [mg/m3]	Alarms	Errors
900	0.016	0.016	0.017	0.021	0.022		
1800	0.016	0.016	0.017	0.02	0.021		
2700	0.016	0.017	0.018	0.022	0.023		
3600	0.016	0.017	0.018	0.022	0.022		
4500	0.016	0.017	0.018	0.022	0.023		
5400	0.018	0.019	0.021	0.029	0.03		
6300	0.015	0.015	0.016	0.018	0.018		
7200	0.015	0.015	0.016	0.016	0.017		
8100	0.015	0.016	0.016	0.016	0.017		
9000	0.016	0.016	0.016	0.017	0.017		
9900	0.016	0.016	0.016	0.017	0.017		
10800	0.016	0.016	0.017	0.017	0.017		
11700	0.016	0.016	0.017	0.017	0.017		
12600	0.016	0.016	0.017	0.017	0.017		
13500	0.017	0.017	0.018	0.018	0.018		
14400	0.017	0.017	0.017	0.018	0.018		
15300	0.017	0.017	0.018	0.018	0.018		
16200	0.018	0.018	0.018	0.018	0.018		
17100	0.018	0.018	0.018	0.019	0.019		
18000	0.018	0.018	0.018	0.019	0.019		
18900	0.017	0.017	0.018	0.018	0.018		

19800	0.017	0.018	0.018	0.018	0.018
20700	0.018	0.018	0.018	0.018	0.018
21600	0.018	0.018	0.018	0.019	0.019
22500	0.018	0.018	0.018	0.018	0.018
23400	0.017	0.017	0.018	0.018	0.018
24300	0.017	0.017	0.017	0.018	0.018
25200	0.016	0.017	0.017	0.017	0.017
26100	0.016	0.016	0.016	0.017	0.017
27000	0.015	0.015	0.015	0.016	0.016
27900	0.014	0.014	0.014	0.014	0.014
28800	0.013	0.014	0.014	0.014	0.014
29700	0.013	0.013	0.014	0.014	0.014
30600	0.013	0.013	0.013	0.013	0.013
31500	0.013	0.013	0.013	0.013	0.013
32400	0.012	0.012	0.013	0.013	0.013
33300	0.012	0.012	0.013	0.013	0.013
34200	0.012	0.012	0.012	0.012	0.012
35100	0.012	0.012	0.012	0.013	0.013
36000	0.012	0.012	0.012	0.013	0.013
36900	0.013	0.013	0.013	0.013	0.013
37800	0.013	0.013	0.013	0.013	0.013
38700	0.013	0.013	0.013	0.014	0.014
39600	0.013	0.013	0.014	0.014	0.014

Instrument Name	DustTrak DRX
Model Number	8533
Serial Number	8533133502
Firmware Version	3
Calibration Date	8/27/2013
Test Name	UTC WEST_003
Test Start Time	11:05:45 AM
Test Start Date	8/27/2014
Test Length [D:H:M]	0:07:18
Test Interval [M:S]	15:00
PM1 Average [mg/m3]	0.015
PM1 Minimum [mg/m3]	0
PM1 Maximum [mg/m3]	0.034
PM1 TWA [mg/m3]	0.014
PM2.5 Average [mg/m3]	0.015
PM2.5 Minimum [mg/m3]	0
PM2.5 Maximum [mg/m3]	0.034
PM2.5 TWA [mg/m3]	0.014
PM4 Average [mg/m3]	0.016
PM4 Minimum [mg/m3]	0
PM4 Maximum [mg/m3]	0.035
PM4 TWA [mg/m3]	0.014
PM10 Average [mg/m3]	0.016
PM10 Minimum [mg/m3]	0
PM10 Maximum [mg/m3]	0.036
PM10 TWA [mg/m3]	0.015
TOTAL Average [mg/m3]	0.017
TOTAL Minimum [mg/m3]	0
TOTAL Maximum [mg/m3]	0.036
TOTAL TWA [mg/m3]	0.015
Photometric User Cal	1
Size Correction User Cal	1
Flow User Cal	0
Errors	
Number of Samples	27

Elapsed Time [s]	PM1 [mg/m3]	PM2.5 [mg/m3]	PM4 [mg/m3]	PM10 [mg/m3]	TOTAL [mg/m3]	Alarms	Errors
900	0.034	0.034	0.035	0.036	0.036		
1800	0.027	0.027	0.028	0.029	0.029		
2700	0.019	0.019	0.02	0.02	0.02		
3600	0.018	0.018	0.018	0.019	0.019		
4500	0.017	0.017	0.018	0.018	0.019		
5400	0.017	0.017	0.018	0.018	0.019		
6300	0.017	0.017	0.018	0.019	0.019		
7200	0.016	0.016	0.016	0.017	0.017		
8100	0.016	0.016	0.017	0.017	0.017		
9000	0.016	0.016	0.016	0.017	0.017		
9900	0.017	0.017	0.018	0.019	0.019		
10800	0.019	0.019	0.02	0.021	0.021		
11700	0.019	0.02	0.02	0.021	0.021		
12600	0.018	0.018	0.019	0.02	0.02		
13500	0.017	0.017	0.018	0.018	0.019		
14400	0.016	0.016	0.017	0.017	0.017		
15300	0.016	0.016	0.016	0.017	0.017		
16200	0.014	0.014	0.014	0.015	0.015		
17100	0.011	0.011	0.011	0.012	0.012		
18000	0.009	0.009	0.01	0.01	0.01		
18900	0.008	0.009	0.009	0.01	0.01		

19800	0.009	0.009	0.01	0.01	0.01
20700	0.009	0.01	0.01	0.01	0.011
21600	0.011	0.011	0.011	0.012	0.012
22500	0.01	0.01	0.01	0.011	0.011
23400	0.008	0.008	0.009	0.009	0.009
26311	0	0	0	0	0

Instrument Name	DustTrak DRX
Model Number	8533
Serial Number	8533133502
Firmware Version	3
Calibration Date	8/27/2013
Test Name	UTC WEST_004
Test Start Time	6:25:03 AM
Test Start Date	8/28/2014
Test Length [D:H:M]	0:11:00
Test Interval [M:S]	15:00
PM1 Average [mg/m3]	0.006
PM1 Minimum [mg/m3]	0.003
PM1 Maximum [mg/m3]	0.01
PM1 TWA [mg/m3]	0.006
PM2.5 Average [mg/m3]	0.006
PM2.5 Minimum [mg/m3]	0.003
PM2.5 Maximum [mg/m3]	0.01
PM2.5 TWA [mg/m3]	0.006
PM4 Average [mg/m3]	0.006
PM4 Minimum [mg/m3]	0.003
PM4 Maximum [mg/m3]	0.01
PM4 TWA [mg/m3]	0.006
PM10 Average [mg/m3]	0.006
PM10 Minimum [mg/m3]	0.003
PM10 Maximum [mg/m3]	0.01
PM10 TWA [mg/m3]	0.007
TOTAL Average [mg/m3]	0.006
TOTAL Minimum [mg/m3]	0.003
TOTAL Maximum [mg/m3]	0.01
TOTAL TWA [mg/m3]	0.007
Photometric User Cal	1
Size Correction User Cal	1
Flow User Cal	0
Errors	
Number of Samples	44

Elapsed Time [s]	PM1 [mg/m3]	PM2.5 [mg/m3]	PM4 [mg/m3]	PM10 [mg/m3]	TOTAL [mg/m3]	Alarms	Errors
900	0.003	0.003	0.003	0.003	0.003		
1800	0.003	0.003	0.004	0.004	0.004		
2700	0.003	0.004	0.004	0.004	0.004		
3600	0.004	0.004	0.004	0.004	0.004		
4500	0.003	0.004	0.004	0.004	0.004		
5400	0.004	0.004	0.005	0.005	0.005		
6300	0.004	0.004	0.005	0.005	0.005		
7200	0.004	0.004	0.005	0.005	0.005		
8100	0.004	0.005	0.005	0.005	0.005		
9000	0.004	0.005	0.005	0.005	0.005		
9900	0.005	0.005	0.005	0.006	0.006		
10800	0.006	0.006	0.006	0.006	0.006		
11700	0.006	0.006	0.006	0.007	0.007		
12600	0.007	0.007	0.007	0.008	0.008		
13500	0.008	0.008	0.008	0.009	0.009		
14400	0.009	0.009	0.009	0.01	0.01		
15300	0.01	0.01	0.01	0.01	0.01		
16200	0.01	0.01	0.01	0.01	0.01		
17100	0.01	0.01	0.01	0.01	0.01		
18000	0.009	0.009	0.01	0.01	0.01		
18900	0.008	0.008	0.009	0.009	0.009		

19800	0.008	0.008	0.008	0.008	0.008
20700	0.007	0.007	0.007	0.008	0.008
21600	0.006	0.006	0.006	0.006	0.006
22500	0.006	0.006	0.006	0.006	0.006
23400	0.007	0.007	0.007	0.007	0.007
24300	0.007	0.007	0.007	0.007	0.007
25200	0.007	0.007	0.007	0.007	0.007
26100	0.007	0.007	0.007	0.007	0.007
27000	0.005	0.005	0.006	0.006	0.006
27900	0.005	0.005	0.005	0.005	0.005
28800	0.005	0.005	0.005	0.005	0.005
29700	0.005	0.005	0.005	0.005	0.005
30600	0.005	0.005	0.005	0.005	0.005
31500	0.005	0.005	0.005	0.005	0.005
32400	0.005	0.005	0.005	0.005	0.005
33300	0.005	0.005	0.005	0.006	0.006
34200	0.005	0.005	0.005	0.006	0.006
35100	0.006	0.006	0.006	0.006	0.006
36000	0.006	0.006	0.006	0.006	0.006
36900	0.006	0.006	0.006	0.006	0.006
37800	0.006	0.006	0.006	0.006	0.006
38700	0.006	0.006	0.006	0.007	0.007
39600	0.007	0.007	0.007	0.007	0.007

Instrument Name	DustTrak DRX
Model Number	8533
Serial Number	8533133502
Firmware Version	3
Calibration Date	8/27/2013
Test Name	UTC WEST_005
Test Start Time	6:02:49 AM
Test Start Date	8/29/2014
Test Length [D:H:M]	0:06:15
Test Interval [M:S]	15:00
PM1 Average [mg/m3]	0.007
PM1 Minimum [mg/m3]	0.005
PM1 Maximum [mg/m3]	0.01
PM1 TWA [mg/m3]	0.006
PM2.5 Average [mg/m3]	0.008
PM2.5 Minimum [mg/m3]	0.005
PM2.5 Maximum [mg/m3]	0.011
PM2.5 TWA [mg/m3]	0.006
PM4 Average [mg/m3]	0.008
PM4 Minimum [mg/m3]	0.005
PM4 Maximum [mg/m3]	0.013
PM4 TWA [mg/m3]	0.006
PM10 Average [mg/m3]	0.009
PM10 Minimum [mg/m3]	0.005
PM10 Maximum [mg/m3]	0.017
PM10 TWA [mg/m3]	0.007
TOTAL Average [mg/m3]	0.009
TOTAL Minimum [mg/m3]	0.005
TOTAL Maximum [mg/m3]	0.018
TOTAL TWA [mg/m3]	0.007
Photometric User Cal	1
Size Correction User Cal	1
Flow User Cal	0
Errors	
Number of Samples	25

Elapsed Time [s]	PM1 [mg/m3]	PM2.5 [mg/m3]	PM4 [mg/m3]	PM10 [mg/m3]	TOTAL [mg/m3]	Alarms	Errors
900	0.008	0.008	0.008	0.009	0.009		
1800	0.007	0.007	0.008	0.009	0.009		
2700	0.007	0.007	0.008	0.008	0.008		
3600	0.01	0.011	0.013	0.017	0.018		
4500	0.009	0.009	0.01	0.011	0.011		
5400	0.009	0.01	0.011	0.012	0.012		
6300	0.01	0.011	0.012	0.015	0.016		
7200	0.01	0.01	0.011	0.014	0.014		
8100	0.009	0.009	0.01	0.011	0.011		
9000	0.008	0.009	0.009	0.01	0.011		
9900	0.008	0.008	0.009	0.01	0.01		
10800	0.007	0.007	0.008	0.008	0.008		
11700	0.007	0.007	0.008	0.009	0.009		
12600	0.007	0.007	0.007	0.008	0.008		
13500	0.006	0.006	0.007	0.007	0.007		
14400	0.006	0.006	0.007	0.007	0.007		
15300	0.007	0.007	0.007	0.009	0.009		
16200	0.007	0.007	0.007	0.008	0.008		
17100	0.007	0.007	0.007	0.008	0.008		
18000	0.007	0.007	0.008	0.009	0.009		
18900	0.007	0.007	0.007	0.008	0.008		

19800	0.006	0.006	0.007	0.008	0.008
20700	0.006	0.006	0.007	0.008	0.008
21600	0.005	0.005	0.006	0.006	0.006
22500	0.005	0.005	0.005	0.005	0.005

Instrument Name	DustTrak DRX
Model Number	8533
Serial Number	8533133502
Firmware Version	3
Calibration Date	8/27/2013
Test Name	UTC WEST_001
Test Start Time	9:49:32 AM
Test Start Date	9/3/2014
Test Length [D:H:M]	0:07:00
Test Interval [M:S]	15:00
PM1 Average [mg/m3]	0.013
PM1 Minimum [mg/m3]	0.011
PM1 Maximum [mg/m3]	0.023
PM1 TWA [mg/m3]	0.012
PM2.5 Average [mg/m3]	0.013
PM2.5 Minimum [mg/m3]	0.011
PM2.5 Maximum [mg/m3]	0.023
PM2.5 TWA [mg/m3]	0.012
PM4 Average [mg/m3]	0.014
PM4 Minimum [mg/m3]	0.011
PM4 Maximum [mg/m3]	0.023
PM4 TWA [mg/m3]	0.012
PM10 Average [mg/m3]	0.014
PM10 Minimum [mg/m3]	0.012
PM10 Maximum [mg/m3]	0.024
PM10 TWA [mg/m3]	0.012
TOTAL Average [mg/m3]	0.014
TOTAL Minimum [mg/m3]	0.012
TOTAL Maximum [mg/m3]	0.024
TOTAL TWA [mg/m3]	0.012
Photometric User Cal	1
Size Correction User Cal	1
Flow User Cal	0
Errors	
Number of Samples	28

Elapsed Time [s]	PM1 [mg/m3]	PM2.5 [mg/m3]	PM4 [mg/m3]	PM10 [mg/m3]	TOTAL [mg/m3]	Alarms	Errors
900	0.023	0.023	0.023	0.024	0.024		
1800	0.021	0.021	0.021	0.022	0.022		
2700	0.019	0.019	0.019	0.02	0.02		
3600	0.016	0.017	0.017	0.017	0.017		
4500	0.016	0.016	0.016	0.017	0.017		
5400	0.015	0.015	0.016	0.016	0.016		
6300	0.014	0.014	0.015	0.015	0.015		
7200	0.013	0.013	0.013	0.013	0.014		
8100	0.013	0.013	0.013	0.013	0.013		
9000	0.014	0.014	0.014	0.014	0.014		
9900	0.012	0.012	0.013	0.013	0.013		
10800	0.012	0.012	0.013	0.013	0.013		
11700	0.013	0.013	0.013	0.014	0.014		
12600	0.013	0.013	0.013	0.014	0.014		
13500	0.012	0.012	0.013	0.013	0.013		
14400	0.012	0.013	0.013	0.013	0.014		
15300	0.012	0.012	0.013	0.013	0.013		
16200	0.011	0.011	0.012	0.012	0.012		
17100	0.011	0.012	0.012	0.012	0.012		
18000	0.011	0.012	0.012	0.012	0.012		
18900	0.011	0.011	0.011	0.012	0.012		

19800	0.011	0.011	0.012	0.012	0.012
20700	0.011	0.011	0.012	0.012	0.012
21600	0.011	0.011	0.011	0.012	0.012
22500	0.011	0.011	0.012	0.012	0.012
23400	0.011	0.012	0.012	0.012	0.012
24300	0.012	0.012	0.012	0.012	0.013
25200	0.011	0.011	0.012	0.012	0.012

Instrument Name	DustTrak DRX
Model Number	8533
Serial Number	8533133502
Firmware Version	3
Calibration Date	8/27/2013
Test Name	UTC WEST_002
Test Start Time	7:45:47 AM
Test Start Date	9/4/2014
Test Length [D:H:M]	0:09:00
Test Interval [M:S]	15:00
PM1 Average [mg/m3]	0.017
PM1 Minimum [mg/m3]	0.01
PM1 Maximum [mg/m3]	0.026
PM1 TWA [mg/m3]	0.017
PM2.5 Average [mg/m3]	0.017
PM2.5 Minimum [mg/m3]	0.01
PM2.5 Maximum [mg/m3]	0.026
PM2.5 TWA [mg/m3]	0.017
PM4 Average [mg/m3]	0.018
PM4 Minimum [mg/m3]	0.011
PM4 Maximum [mg/m3]	0.027
PM4 TWA [mg/m3]	0.018
PM10 Average [mg/m3]	0.021
PM10 Minimum [mg/m3]	0.013
PM10 Maximum [mg/m3]	0.03
PM10 TWA [mg/m3]	0.02
TOTAL Average [mg/m3]	0.022
TOTAL Minimum [mg/m3]	0.014
TOTAL Maximum [mg/m3]	0.032
TOTAL TWA [mg/m3]	0.022
Photometric User Cal	1
Size Correction User Cal	1
Flow User Cal	0
Errors	
Number of Samples	36

Elapsed Time [s]	PM1 [mg/m3]	PM2.5 [mg/m3]	PM4 [mg/m3]	PM10 [mg/m3]	TOTAL [mg/m3]	Alarms	Errors
900	0.011	0.012	0.013	0.016	0.017		
1800	0.014	0.014	0.016	0.022	0.025		
2700	0.01	0.01	0.011	0.014	0.015		
3600	0.015	0.016	0.017	0.021	0.023		
4500	0.012	0.012	0.014	0.02	0.025		
5400	0.011	0.011	0.013	0.021	0.026		
6300	0.01	0.011	0.012	0.019	0.023		
7200	0.01	0.01	0.011	0.015	0.018		
8100	0.01	0.01	0.011	0.014	0.015		
9000	0.01	0.011	0.011	0.015	0.017		
9900	0.013	0.013	0.013	0.016	0.018		
10800	0.012	0.012	0.012	0.013	0.014		
11700	0.014	0.014	0.015	0.019	0.021		
12600	0.013	0.013	0.014	0.015	0.016		
13500	0.015	0.015	0.015	0.017	0.017		
14400	0.015	0.016	0.016	0.017	0.018		
15300	0.019	0.019	0.02	0.022	0.022		
16200	0.018	0.018	0.018	0.02	0.02		
17100	0.017	0.017	0.018	0.019	0.019		
18000	0.021	0.021	0.022	0.023	0.023		
18900	0.02	0.02	0.021	0.022	0.023		

19800	0.022	0.022	0.022	0.024	0.025
20700	0.026	0.026	0.027	0.029	0.03
21600	0.023	0.023	0.024	0.025	0.026
22500	0.025	0.025	0.025	0.028	0.029
23400	0.026	0.026	0.027	0.03	0.032
24300	0.022	0.022	0.023	0.024	0.025
25200	0.022	0.022	0.023	0.025	0.025
26100	0.02	0.021	0.021	0.023	0.023
27000	0.018	0.018	0.019	0.02	0.021
27900	0.018	0.018	0.019	0.02	0.021
28800	0.02	0.02	0.021	0.023	0.024
29700	0.02	0.021	0.021	0.022	0.023
30600	0.021	0.021	0.022	0.025	0.027
31500	0.022	0.022	0.022	0.024	0.025
32400	0.022	0.022	0.022	0.024	0.025

Instrument Name	DustTrak DRX
Model Number	8533
Serial Number	8533133502
Firmware Version	3
Calibration Date	8/27/2013
Test Name	UTC WEST_001
Test Start Time	7:53:46 AM
Test Start Date	9/5/2014
Test Length [D:H:M]	0:07:30
Test Interval [M:S]	15:00
PM1 Average [mg/m3]	0.032
PM1 Minimum [mg/m3]	0.028
PM1 Maximum [mg/m3]	0.04
PM1 TWA [mg/m3]	0.03
PM2.5 Average [mg/m3]	0.033
PM2.5 Minimum [mg/m3]	0.029
PM2.5 Maximum [mg/m3]	0.041
PM2.5 TWA [mg/m3]	0.031
PM4 Average [mg/m3]	0.034
PM4 Minimum [mg/m3]	0.029
PM4 Maximum [mg/m3]	0.043
PM4 TWA [mg/m3]	0.031
PM10 Average [mg/m3]	0.037
PM10 Minimum [mg/m3]	0.031
PM10 Maximum [mg/m3]	0.059
PM10 TWA [mg/m3]	0.035
TOTAL Average [mg/m3]	0.039
TOTAL Minimum [mg/m3]	0.032
TOTAL Maximum [mg/m3]	0.07
TOTAL TWA [mg/m3]	0.037
Photometric User Cal	1
Size Correction User Cal	1
Flow User Cal	0
Errors	
Number of Samples	30

Elapsed Time [s]	PM1 [mg/m3]	PM2.5 [mg/m3]	PM4 [mg/m3]	PM10 [mg/m3]	TOTAL [mg/m3]	Alarms	Errors
900	0.03	0.031	0.033	0.043	0.05		
1800	0.033	0.033	0.035	0.042	0.048		
2700	0.037	0.038	0.04	0.049	0.055		
3600	0.04	0.041	0.043	0.059	0.07		
4500	0.033	0.033	0.035	0.041	0.044		
5400	0.033	0.033	0.034	0.038	0.04		
6300	0.032	0.032	0.033	0.035	0.035		
7200	0.032	0.032	0.033	0.035	0.036		
8100	0.032	0.032	0.033	0.035	0.036		
9000	0.032	0.032	0.033	0.034	0.035		
9900	0.033	0.033	0.034	0.036	0.037		
10800	0.033	0.034	0.034	0.036	0.037		
11700	0.033	0.034	0.034	0.036	0.037		
12600	0.034	0.035	0.035	0.037	0.038		
13500	0.033	0.034	0.034	0.036	0.037		
14400	0.033	0.034	0.034	0.036	0.037		
15300	0.033	0.033	0.034	0.036	0.037		
16200	0.033	0.033	0.034	0.036	0.037		
17100	0.031	0.032	0.032	0.034	0.035		
18000	0.031	0.031	0.032	0.033	0.034		
18900	0.03	0.031	0.031	0.033	0.034		

19800	0.03	0.03	0.031	0.033	0.034
20700	0.03	0.03	0.031	0.033	0.034
21600	0.03	0.03	0.031	0.033	0.034
22500	0.031	0.032	0.032	0.035	0.037
23400	0.032	0.033	0.034	0.037	0.039
24300	0.032	0.032	0.033	0.036	0.037
25200	0.034	0.034	0.035	0.037	0.039
26100	0.031	0.031	0.032	0.035	0.036
27000	0.028	0.029	0.029	0.031	0.032

Instrument Name	DustTrak DRX
Model Number	8533
Serial Number	8533133502
Firmware Version	3
Calibration Date	8/27/2013
Test Name	UTC WEST_001
Test Start Time	7:58:01 AM
Test Start Date	9/8/2014
Test Length [D:H:M]	0:08:30
Test Interval [M:S]	15:00
PM1 Average [mg/m3]	0.008
PM1 Minimum [mg/m3]	0.006
PM1 Maximum [mg/m3]	0.012
PM1 TWA [mg/m3]	0.008
PM2.5 Average [mg/m3]	0.009
PM2.5 Minimum [mg/m3]	0.006
PM2.5 Maximum [mg/m3]	0.012
PM2.5 TWA [mg/m3]	0.009
PM4 Average [mg/m3]	0.009
PM4 Minimum [mg/m3]	0.006
PM4 Maximum [mg/m3]	0.014
PM4 TWA [mg/m3]	0.009
PM10 Average [mg/m3]	0.01
PM10 Minimum [mg/m3]	0.006
PM10 Maximum [mg/m3]	0.016
PM10 TWA [mg/m3]	0.01
TOTAL Average [mg/m3]	0.01
TOTAL Minimum [mg/m3]	0.006
TOTAL Maximum [mg/m3]	0.016
TOTAL TWA [mg/m3]	0.01
Photometric User Cal	1
Size Correction User Cal	1
Flow User Cal	0
Errors	Flow Error
Number of Samples	34

Elapsed Time [s]	PM1 [mg/m3]	PM2.5 [mg/m3]	PM4 [mg/m3]	PM10 [mg/m3]	TOTAL [mg/m3]	Alarms	Errors
900	0.008	0.008	0.009	0.009	0.009		
1800	0.007	0.008	0.008	0.009	0.009		
2700	0.006	0.006	0.006	0.007	0.007		
3600	0.006	0.006	0.006	0.006	0.006		
4500	0.007	0.007	0.008	0.008	0.008		
5400	0.008	0.009	0.009	0.01	0.01		
6300	0.007	0.007	0.007	0.007	0.007		
7200	0.007	0.007	0.007	0.008	0.008		
8100	0.006	0.007	0.007	0.007	0.007		
9000	0.007	0.007	0.007	0.008	0.008		
9900	0.008	0.009	0.01	0.011	0.011		
10800	0.007	0.007	0.008	0.008	0.008		
11700	0.007	0.007	0.008	0.008	0.008		
12600	0.008	0.008	0.008	0.009	0.009		
13500	0.008	0.008	0.008	0.008	0.008		
14400	0.008	0.008	0.009	0.009	0.009		
15300	0.009	0.009	0.009	0.009	0.009		
16200	0.008	0.008	0.009	0.009	0.009		
17100	0.008	0.008	0.009	0.009	0.009		
18000	0.009	0.01	0.011	0.012	0.012		
18900	0.01	0.01	0.011	0.013	0.013		
19800	0.008	0.008	0.009	0.009	0.009		

20700	0.01	0.01	0.01	0.011	0.012	
21600	0.009	0.009	0.01	0.01	0.01	
22500	0.01	0.011	0.011	0.012	0.013	
23400	0.011	0.011	0.012	0.014	0.014	
24300	0.01	0.01	0.011	0.012	0.012	
25200	0.009	0.01	0.01	0.01	0.01	
26100	0.01	0.01	0.011	0.012	0.012	
27000	0.012	0.012	0.014	0.016	0.016	
27900	0.011	0.012	0.013	0.016	0.016	
28800	0.011	0.011	0.012	0.013	0.013	
29700	0.01	0.01	0.01	0.011	0.011	
30600	0.008	0.008	0.008	0.008	0.008	Flow Error

Instrument Name	DustTrak DRX
Model Number	8533
Serial Number	8533133502
Firmware Version	3
Calibration Date	8/27/2013
Test Name	UTC WEST_002
Test Start Time	8:03:49 AM
Test Start Date	9/9/2014
Test Length [D:H:M]	0:08:15
Test Interval [M:S]	15:00
PM1 Average [mg/m3]	0.008
PM1 Minimum [mg/m3]	0.005
PM1 Maximum [mg/m3]	0.014
PM1 TWA [mg/m3]	0.008
PM2.5 Average [mg/m3]	0.008
PM2.5 Minimum [mg/m3]	0.006
PM2.5 Maximum [mg/m3]	0.015
PM2.5 TWA [mg/m3]	0.008
PM4 Average [mg/m3]	0.008
PM4 Minimum [mg/m3]	0.006
PM4 Maximum [mg/m3]	0.018
PM4 TWA [mg/m3]	0.008
PM10 Average [mg/m3]	0.01
PM10 Minimum [mg/m3]	0.007
PM10 Maximum [mg/m3]	0.023
PM10 TWA [mg/m3]	0.01
TOTAL Average [mg/m3]	0.01
TOTAL Minimum [mg/m3]	0.007
TOTAL Maximum [mg/m3]	0.024
TOTAL TWA [mg/m3]	0.01
Photometric User Cal	1
Size Correction User Cal	1
Flow User Cal	0
Errors	
Number of Samples	33

Elapsed Time [s]	PM1 [mg/m3]	PM2.5 [mg/m3]	PM4 [mg/m3]	PM10 [mg/m3]	TOTAL [mg/m3]	Alarms	Errors
900	0.01	0.01	0.01	0.011	0.011		
1800	0.009	0.01	0.01	0.012	0.012		
2700	0.009	0.009	0.01	0.011	0.011		
3600	0.009	0.009	0.01	0.011	0.011		
4500	0.008	0.008	0.008	0.008	0.008		
5400	0.008	0.008	0.008	0.009	0.01		
6300	0.007	0.007	0.007	0.008	0.008		
7200	0.006	0.006	0.006	0.007	0.007		
8100	0.005	0.006	0.006	0.007	0.007		
9000	0.007	0.008	0.009	0.012	0.012		
9900	0.008	0.008	0.009	0.011	0.012		
10800	0.006	0.006	0.007	0.008	0.008		
11700	0.006	0.007	0.008	0.009	0.009		
12600	0.007	0.007	0.008	0.009	0.009		
13500	0.008	0.008	0.009	0.012	0.012		
14400	0.007	0.008	0.008	0.009	0.01		
15300	0.007	0.007	0.008	0.009	0.009		
16200	0.007	0.008	0.008	0.009	0.009		
17100	0.014	0.015	0.018	0.023	0.024		
18000	0.01	0.011	0.012	0.014	0.015		
18900	0.007	0.007	0.007	0.008	0.008		

19800	0.007	0.007	0.008	0.009	0.009
20700	0.007	0.008	0.008	0.009	0.009
21600	0.007	0.007	0.007	0.008	0.008
22500	0.008	0.008	0.008	0.009	0.01
23400	0.008	0.008	0.009	0.01	0.01
24300	0.007	0.007	0.007	0.008	0.008
25200	0.007	0.007	0.007	0.008	0.008
26100	0.007	0.007	0.007	0.008	0.008
27000	0.007	0.007	0.008	0.009	0.009
27900	0.008	0.008	0.009	0.011	0.011
28800	0.007	0.007	0.007	0.008	0.008
29700	0.006	0.007	0.007	0.007	0.007

Instrument Name	DustTrak DRX
Model Number	8533
Serial Number	8533133502
Firmware Version	3
Calibration Date	8/27/2013
Test Name	UTC WEST_003
Test Start Time	7:54:58 AM
Test Start Date	9/10/2014
Test Length [D:H:M]	0:10:45
Test Interval [M:S]	15:00
PM1 Average [mg/m3]	0.008
PM1 Minimum [mg/m3]	0.006
PM1 Maximum [mg/m3]	0.014
PM1 TWA [mg/m3]	0.009
PM2.5 Average [mg/m3]	0.009
PM2.5 Minimum [mg/m3]	0.007
PM2.5 Maximum [mg/m3]	0.015
PM2.5 TWA [mg/m3]	0.009
PM4 Average [mg/m3]	0.01
PM4 Minimum [mg/m3]	0.007
PM4 Maximum [mg/m3]	0.018
PM4 TWA [mg/m3]	0.01
PM10 Average [mg/m3]	0.01
PM10 Minimum [mg/m3]	0.007
PM10 Maximum [mg/m3]	0.022
PM10 TWA [mg/m3]	0.011
TOTAL Average [mg/m3]	0.011
TOTAL Minimum [mg/m3]	0.007
TOTAL Maximum [mg/m3]	0.023
TOTAL TWA [mg/m3]	0.011
Photometric User Cal	1
Size Correction User Cal	1
Flow User Cal	0
Errors	
Number of Samples	43

Elapsed Time [s]	PM1 [mg/m3]	PM2.5 [mg/m3]	PM4 [mg/m3]	PM10 [mg/m3]	TOTAL [mg/m3]	Alarms	Errors
900	0.009	0.01	0.012	0.015	0.015		
1800	0.008	0.009	0.01	0.011	0.011		
2700	0.007	0.008	0.009	0.009	0.01		
3600	0.007	0.008	0.009	0.01	0.01		
4500	0.006	0.007	0.007	0.008	0.008		
5400	0.008	0.008	0.009	0.009	0.009		
6300	0.009	0.01	0.011	0.013	0.013		
7200	0.008	0.008	0.009	0.009	0.009		
8100	0.008	0.009	0.009	0.01	0.01		
9000	0.007	0.008	0.008	0.008	0.008		
9900	0.007	0.008	0.008	0.008	0.008		
10800	0.007	0.007	0.007	0.008	0.008		
11700	0.007	0.007	0.008	0.008	0.008		
12600	0.007	0.007	0.007	0.007	0.007		
13500	0.007	0.007	0.008	0.008	0.008		
14400	0.007	0.007	0.007	0.007	0.007		
15300	0.007	0.007	0.008	0.008	0.009		
16200	0.01	0.011	0.013	0.014	0.015		
17100	0.014	0.015	0.018	0.022	0.023		
18000	0.009	0.01	0.011	0.012	0.012		
18900	0.01	0.011	0.012	0.014	0.014		

19800	0.011	0.012	0.014	0.015	0.016
20700	0.01	0.011	0.012	0.014	0.014
21600	0.009	0.009	0.01	0.011	0.011
22500	0.011	0.012	0.014	0.015	0.016
23400	0.01	0.011	0.012	0.013	0.013
24300	0.012	0.013	0.015	0.017	0.018
25200	0.008	0.009	0.009	0.009	0.009
26100	0.009	0.009	0.009	0.01	0.01
27000	0.008	0.009	0.009	0.009	0.009
27900	0.008	0.009	0.009	0.009	0.009
28800	0.008	0.008	0.009	0.009	0.009
29700	0.008	0.008	0.009	0.009	0.009
30600	0.008	0.008	0.008	0.009	0.009
31500	0.008	0.008	0.008	0.009	0.009
32400	0.007	0.007	0.008	0.008	0.008
33300	0.007	0.008	0.008	0.008	0.008
34200	0.008	0.008	0.008	0.009	0.009
35100	0.008	0.008	0.008	0.008	0.009
36000	0.008	0.008	0.008	0.009	0.009
36900	0.008	0.008	0.009	0.009	0.009
37800	0.008	0.008	0.009	0.009	0.009
38700	0.008	0.008	0.008	0.009	0.009

Instrument Name	DustTrak DRX
Model Number	8533
Serial Number	8533133502
Firmware Version	3
Calibration Date	8/27/2013
Test Name	UTC WEST_001
Test Start Time	7:52:11 AM
Test Start Date	9/11/2014
Test Length [D:H:M]	0:09:00
Test Interval [M:S]	15:00
PM1 Average [mg/m3]	0.009
PM1 Minimum [mg/m3]	0.004
PM1 Maximum [mg/m3]	0.02
PM1 TWA [mg/m3]	0.01
PM2.5 Average [mg/m3]	0.009
PM2.5 Minimum [mg/m3]	0.004
PM2.5 Maximum [mg/m3]	0.021
PM2.5 TWA [mg/m3]	0.01
PM4 Average [mg/m3]	0.01
PM4 Minimum [mg/m3]	0.004
PM4 Maximum [mg/m3]	0.021
PM4 TWA [mg/m3]	0.01
PM10 Average [mg/m3]	0.01
PM10 Minimum [mg/m3]	0.004
PM10 Maximum [mg/m3]	0.021
PM10 TWA [mg/m3]	0.011
TOTAL Average [mg/m3]	0.01
TOTAL Minimum [mg/m3]	0.004
TOTAL Maximum [mg/m3]	0.021
TOTAL TWA [mg/m3]	0.011
Photometric User Cal	1
Size Correction User Cal	1
Flow User Cal	0
Errors	
Number of Samples	36

Elapsed Time [s]	PM1 [mg/m3]	PM2.5 [mg/m3]	PM4 [mg/m3]	PM10 [mg/m3]	TOTAL [mg/m3]	Alarms	Errors
900	0.016	0.016	0.016	0.017	0.017		
1800	0.015	0.015	0.016	0.016	0.016		
2700	0.015	0.015	0.016	0.017	0.017		
3600	0.016	0.017	0.017	0.018	0.018		
4500	0.017	0.017	0.017	0.018	0.018		
5400	0.019	0.02	0.02	0.021	0.021		
6300	0.019	0.02	0.02	0.02	0.02		
7200	0.02	0.021	0.021	0.021	0.021		
8100	0.018	0.018	0.018	0.019	0.019		
9000	0.017	0.017	0.017	0.017	0.017		
9900	0.017	0.017	0.017	0.017	0.017		
10800	0.016	0.016	0.016	0.017	0.017		
11700	0.014	0.014	0.014	0.014	0.014		
12600	0.011	0.011	0.011	0.011	0.011		
13500	0.006	0.007	0.007	0.007	0.007		
14400	0.006	0.006	0.006	0.006	0.006		
15300	0.005	0.006	0.006	0.006	0.006		
16200	0.005	0.005	0.005	0.005	0.005		
17100	0.005	0.005	0.005	0.005	0.005		
18000	0.005	0.005	0.005	0.005	0.005		
18900	0.005	0.005	0.005	0.005	0.005		

19800	0.005	0.005	0.006	0.006	0.006
20700	0.005	0.005	0.005	0.006	0.006
21600	0.005	0.005	0.005	0.005	0.005
22500	0.005	0.005	0.005	0.005	0.005
23400	0.005	0.005	0.005	0.005	0.005
24300	0.004	0.004	0.004	0.005	0.005
25200	0.005	0.005	0.005	0.005	0.005
26100	0.004	0.004	0.005	0.005	0.005
27000	0.004	0.004	0.004	0.004	0.004
27900	0.004	0.004	0.004	0.004	0.004
28800	0.004	0.004	0.004	0.004	0.004
29700	0.004	0.004	0.005	0.005	0.005
30600	0.004	0.004	0.004	0.004	0.004
31500	0.004	0.004	0.004	0.005	0.005
32400	0.004	0.004	0.004	0.004	0.004

Instrument Name	DustTrak DRX
Model Number	8533
Serial Number	8533133502
Firmware Version	3
Calibration Date	8/27/2013
Test Name	UTC WEST_002
Test Start Time	8:15:53 AM
Test Start Date	9/12/2014
Test Length [D:H:M]	0:04:45
Test Interval [M:S]	15:00
PM1 Average [mg/m3]	0.002
PM1 Minimum [mg/m3]	0.002
PM1 Maximum [mg/m3]	0.003
PM1 TWA [mg/m3]	0.001
PM2.5 Average [mg/m3]	0.002
PM2.5 Minimum [mg/m3]	0.002
PM2.5 Maximum [mg/m3]	0.003
PM2.5 TWA [mg/m3]	0.001
PM4 Average [mg/m3]	0.002
PM4 Minimum [mg/m3]	0.002
PM4 Maximum [mg/m3]	0.004
PM4 TWA [mg/m3]	0.001
PM10 Average [mg/m3]	0.003
PM10 Minimum [mg/m3]	0.002
PM10 Maximum [mg/m3]	0.004
PM10 TWA [mg/m3]	0.002
TOTAL Average [mg/m3]	0.003
TOTAL Minimum [mg/m3]	0.002
TOTAL Maximum [mg/m3]	0.004
TOTAL TWA [mg/m3]	0.002
Photometric User Cal	1
Size Correction User Cal	1
Flow User Cal	0
Errors	
Number of Samples	19

Elapsed Time [s]	PM1 [mg/m3]	PM2.5 [mg/m3]	PM4 [mg/m3]	PM10 [mg/m3]	TOTAL [mg/m3]	Alarms	Errors
900	0.002	0.002	0.002	0.003	0.003		
1800	0.002	0.002	0.002	0.002	0.002		
2700	0.002	0.002	0.002	0.002	0.002		
3600	0.002	0.002	0.002	0.002	0.002		
4500	0.002	0.002	0.002	0.002	0.002		
5400	0.002	0.002	0.002	0.002	0.002		
6300	0.002	0.002	0.002	0.002	0.002		
7200	0.002	0.002	0.002	0.002	0.002		
8100	0.002	0.002	0.002	0.003	0.003		
9000	0.002	0.002	0.002	0.003	0.003		
9900	0.002	0.002	0.002	0.002	0.002		
10800	0.003	0.003	0.003	0.003	0.003		
11700	0.003	0.003	0.003	0.003	0.003		
12600	0.003	0.003	0.003	0.003	0.003		
13500	0.003	0.003	0.003	0.003	0.003		
14400	0.003	0.003	0.003	0.004	0.004		
15300	0.003	0.003	0.004	0.004	0.004		
16200	0.003	0.003	0.003	0.003	0.003		
17100	0.003	0.003	0.003	0.003	0.003		

Instrument Name	DustTrak DRX
Model Number	8533
Serial Number	8533133502
Firmware Version	3
Calibration Date	8/27/2013
Test Name	UTC WEST_001
Test Start Time	7:27:57 AM
Test Start Date	9/15/2014
Test Length [D:H:M]	0:09:00
Test Interval [M:S]	15:00
PM1 Average [mg/m3]	0.009
PM1 Minimum [mg/m3]	0.005
PM1 Maximum [mg/m3]	0.011
PM1 TWA [mg/m3]	0.009
PM2.5 Average [mg/m3]	0.009
PM2.5 Minimum [mg/m3]	0.005
PM2.5 Maximum [mg/m3]	0.011
PM2.5 TWA [mg/m3]	0.009
PM4 Average [mg/m3]	0.009
PM4 Minimum [mg/m3]	0.005
PM4 Maximum [mg/m3]	0.012
PM4 TWA [mg/m3]	0.009
PM10 Average [mg/m3]	0.009
PM10 Minimum [mg/m3]	0.006
PM10 Maximum [mg/m3]	0.012
PM10 TWA [mg/m3]	0.009
TOTAL Average [mg/m3]	0.009
TOTAL Minimum [mg/m3]	0.006
TOTAL Maximum [mg/m3]	0.013
TOTAL TWA [mg/m3]	0.009
Photometric User Cal	1
Size Correction User Cal	1
Flow User Cal	0
Errors	
Number of Samples	36

Elapsed Time [s]	PM1 [mg/m3]	PM2.5 [mg/m3]	PM4 [mg/m3]	PM10 [mg/m3]	TOTAL [mg/m3]	Alarms	Errors
900	0.005	0.005	0.005	0.006	0.006		
1800	0.006	0.006	0.006	0.006	0.006		
2700	0.007	0.007	0.007	0.007	0.007		
3600	0.007	0.007	0.007	0.008	0.008		
4500	0.007	0.007	0.008	0.008	0.008		
5400	0.008	0.009	0.009	0.01	0.01		
6300	0.007	0.007	0.008	0.008	0.008		
7200	0.008	0.008	0.009	0.01	0.01		
8100	0.008	0.008	0.008	0.008	0.008		
9000	0.008	0.008	0.008	0.008	0.008		
9900	0.008	0.008	0.008	0.009	0.009		
10800	0.008	0.008	0.008	0.008	0.008		
11700	0.009	0.009	0.009	0.01	0.01		
12600	0.009	0.009	0.01	0.01	0.01		
13500	0.01	0.01	0.01	0.01	0.01		
14400	0.009	0.009	0.01	0.01	0.01		
15300	0.009	0.009	0.009	0.01	0.01		
16200	0.009	0.009	0.009	0.01	0.01		
17100	0.009	0.009	0.009	0.009	0.009		
18000	0.009	0.009	0.009	0.009	0.009		
18900	0.008	0.008	0.008	0.009	0.009		

19800	0.008	0.008	0.009	0.009	0.009
20700	0.009	0.009	0.009	0.009	0.01
21600	0.009	0.009	0.009	0.009	0.009
22500	0.009	0.009	0.009	0.01	0.01
23400	0.01	0.01	0.01	0.01	0.01
24300	0.01	0.01	0.01	0.01	0.01
25200	0.01	0.01	0.01	0.01	0.01
26100	0.01	0.01	0.01	0.01	0.01
27000	0.01	0.01	0.01	0.01	0.01
27900	0.011	0.011	0.012	0.012	0.013
28800	0.01	0.01	0.01	0.011	0.011
29700	0.01	0.01	0.01	0.01	0.01
30600	0.01	0.01	0.01	0.01	0.01
31500	0.01	0.01	0.011	0.011	0.011
32400	0.01	0.01	0.01	0.01	0.01

Instrument Name	DustTrak DRX
Model Number	8533
Serial Number	8533133502
Firmware Version	3
Calibration Date	8/27/2013
Test Name	UTC WEST_002
Test Start Time	8:01:42 AM
Test Start Date	9/17/2014
Test Length [D:H:M]	0:08:30
Test Interval [M:S]	15:00
PM1 Average [mg/m3]	0.008
PM1 Minimum [mg/m3]	0.006
PM1 Maximum [mg/m3]	0.01
PM1 TWA [mg/m3]	0.008
PM2.5 Average [mg/m3]	0.008
PM2.5 Minimum [mg/m3]	0.006
PM2.5 Maximum [mg/m3]	0.011
PM2.5 TWA [mg/m3]	0.008
PM4 Average [mg/m3]	0.008
PM4 Minimum [mg/m3]	0.007
PM4 Maximum [mg/m3]	0.012
PM4 TWA [mg/m3]	0.008
PM10 Average [mg/m3]	0.009
PM10 Minimum [mg/m3]	0.007
PM10 Maximum [mg/m3]	0.014
PM10 TWA [mg/m3]	0.009
TOTAL Average [mg/m3]	0.009
TOTAL Minimum [mg/m3]	0.007
TOTAL Maximum [mg/m3]	0.014
TOTAL TWA [mg/m3]	0.009
Photometric User Cal	1
Size Correction User Cal	1
Flow User Cal	0
Errors	
Number of Samples	34

Elapsed Time [s]	PM1 [mg/m3]	PM2.5 [mg/m3]	PM4 [mg/m3]	PM10 [mg/m3]	TOTAL [mg/m3]	Alarms	Errors
900	0.01	0.011	0.012	0.014	0.014		
1800	0.01	0.011	0.012	0.014	0.014		
2700	0.01	0.01	0.011	0.012	0.012		
3600	0.009	0.01	0.011	0.013	0.013		
4500	0.009	0.009	0.01	0.01	0.011		
5400	0.009	0.009	0.009	0.01	0.01		
6300	0.007	0.007	0.008	0.008	0.008		
7200	0.009	0.009	0.009	0.009	0.01		
8100	0.006	0.006	0.007	0.007	0.007		
9000	0.007	0.007	0.007	0.007	0.007		
9900	0.007	0.007	0.007	0.008	0.008		
10800	0.007	0.007	0.007	0.007	0.007		
11700	0.006	0.006	0.007	0.007	0.007		
12600	0.006	0.006	0.007	0.007	0.007		
13500	0.007	0.007	0.007	0.007	0.007		
14400	0.007	0.007	0.007	0.007	0.007		
15300	0.006	0.007	0.007	0.007	0.007		
16200	0.007	0.007	0.007	0.007	0.007		
17100	0.007	0.007	0.007	0.007	0.007		
18000	0.007	0.007	0.007	0.007	0.007		
18900	0.007	0.007	0.007	0.008	0.008		

19800	0.007	0.007	0.007	0.007	0.007
20700	0.007	0.007	0.007	0.008	0.008
21600	0.007	0.007	0.007	0.007	0.007
22500	0.007	0.007	0.008	0.008	0.008
23400	0.007	0.007	0.007	0.008	0.008
24300	0.007	0.007	0.007	0.008	0.008
25200	0.008	0.008	0.008	0.008	0.008
26100	0.008	0.008	0.008	0.008	0.008
27000	0.008	0.008	0.009	0.009	0.009
27900	0.009	0.009	0.009	0.01	0.01
28800	0.009	0.009	0.009	0.009	0.009
29700	0.009	0.009	0.009	0.009	0.009
30600	0.009	0.009	0.009	0.009	0.009

Instrument Name	DustTrak DRX
Model Number	8533
Serial Number	8533133502
Firmware Version	3
Calibration Date	8/27/2013
Test Name	UTC WEST_003
Test Start Time	6:34:23 AM
Test Start Date	9/18/2014
Test Length [D:H:M]	0:10:15
Test Interval [M:S]	15:00
PM1 Average [mg/m3]	0.018
PM1 Minimum [mg/m3]	0.008
PM1 Maximum [mg/m3]	0.029
PM1 TWA [mg/m3]	0.02
PM2.5 Average [mg/m3]	0.018
PM2.5 Minimum [mg/m3]	0.008
PM2.5 Maximum [mg/m3]	0.03
PM2.5 TWA [mg/m3]	0.02
PM4 Average [mg/m3]	0.018
PM4 Minimum [mg/m3]	0.008
PM4 Maximum [mg/m3]	0.034
PM4 TWA [mg/m3]	0.021
PM10 Average [mg/m3]	0.019
PM10 Minimum [mg/m3]	0.008
PM10 Maximum [mg/m3]	0.041
PM10 TWA [mg/m3]	0.022
TOTAL Average [mg/m3]	0.019
TOTAL Minimum [mg/m3]	0.008
TOTAL Maximum [mg/m3]	0.042
TOTAL TWA [mg/m3]	0.022
Photometric User Cal	1
Size Correction User Cal	1
Flow User Cal	0
Errors	
Number of Samples	41

Elapsed Time [s]	PM1 [mg/m3]	PM2.5 [mg/m3]	PM4 [mg/m3]	PM10 [mg/m3]	TOTAL [mg/m3]	Alarms	Errors
900	0.02	0.021	0.023	0.026	0.027		
1800	0.02	0.02	0.021	0.023	0.023		
2700	0.022	0.022	0.023	0.025	0.025		
3600	0.026	0.026	0.027	0.029	0.029		
4500	0.024	0.024	0.025	0.027	0.027		
5400	0.023	0.024	0.026	0.029	0.03		
6300	0.029	0.03	0.034	0.041	0.042		
7200	0.021	0.022	0.023	0.024	0.025		
8100	0.022	0.023	0.024	0.026	0.026		
9000	0.025	0.025	0.026	0.028	0.028		
9900	0.025	0.026	0.026	0.027	0.027		
10800	0.022	0.022	0.022	0.023	0.023		
11700	0.022	0.022	0.022	0.022	0.022		
12600	0.022	0.022	0.022	0.022	0.022		
13500	0.022	0.022	0.022	0.023	0.023		
14400	0.021	0.022	0.022	0.022	0.022		
15300	0.023	0.023	0.023	0.023	0.023		
16200	0.022	0.022	0.023	0.023	0.023		
17100	0.023	0.023	0.023	0.024	0.024		
18000	0.025	0.026	0.026	0.026	0.026		
18900	0.026	0.027	0.027	0.027	0.027		

19800	0.025	0.025	0.025	0.025	0.025
20700	0.021	0.022	0.022	0.022	0.022
21600	0.019	0.019	0.019	0.019	0.019
22500	0.016	0.016	0.017	0.017	0.017
23400	0.014	0.014	0.014	0.014	0.014
24300	0.013	0.013	0.013	0.013	0.013
25200	0.012	0.012	0.012	0.012	0.012
26100	0.01	0.011	0.011	0.011	0.011
27000	0.01	0.01	0.01	0.01	0.01
27900	0.009	0.009	0.01	0.01	0.01
28800	0.009	0.009	0.009	0.009	0.009
29700	0.009	0.01	0.01	0.01	0.01
30600	0.011	0.011	0.011	0.011	0.011
31500	0.01	0.01	0.01	0.01	0.01
32400	0.01	0.01	0.01	0.01	0.01
33300	0.009	0.009	0.009	0.01	0.01
34200	0.009	0.009	0.009	0.009	0.009
35100	0.008	0.008	0.008	0.009	0.009
36000	0.008	0.008	0.008	0.008	0.008
36900	0.008	0.008	0.008	0.008	0.008

Instrument Name	DustTrak DRX
Model Number	8533
Serial Number	8533133502
Firmware Version	3
Calibration Date	8/27/2013
Test Name	UTC WEST_004
Test Start Time	7:29:21 AM
Test Start Date	9/19/2014
Test Length [D:H:M]	0:04:45
Test Interval [M:S]	15:00
PM1 Average [mg/m3]	0.009
PM1 Minimum [mg/m3]	0.008
PM1 Maximum [mg/m3]	0.012
PM1 TWA [mg/m3]	0.006
PM2.5 Average [mg/m3]	0.009
PM2.5 Minimum [mg/m3]	0.008
PM2.5 Maximum [mg/m3]	0.012
PM2.5 TWA [mg/m3]	0.006
PM4 Average [mg/m3]	0.01
PM4 Minimum [mg/m3]	0.008
PM4 Maximum [mg/m3]	0.013
PM4 TWA [mg/m3]	0.006
PM10 Average [mg/m3]	0.011
PM10 Minimum [mg/m3]	0.008
PM10 Maximum [mg/m3]	0.016
PM10 TWA [mg/m3]	0.006
TOTAL Average [mg/m3]	0.011
TOTAL Minimum [mg/m3]	0.008
TOTAL Maximum [mg/m3]	0.017
TOTAL TWA [mg/m3]	0.006
Photometric User Cal	1
Size Correction User Cal	1
Flow User Cal	0
Errors	
Number of Samples	19

Elapsed Time [s]	PM1 [mg/m3]	PM2.5 [mg/m3]	PM4 [mg/m3]	PM10 [mg/m3]	TOTAL [mg/m3]	Alarms	Errors
900	0.01	0.011	0.012	0.013	0.014		
1800	0.012	0.012	0.013	0.016	0.017		
2700	0.01	0.01	0.011	0.011	0.011		
3600	0.011	0.011	0.013	0.015	0.015		
4500	0.01	0.01	0.011	0.012	0.012		
5400	0.01	0.011	0.011	0.012	0.012		
6300	0.01	0.01	0.01	0.011	0.011		
7200	0.01	0.01	0.011	0.012	0.012		
8100	0.009	0.01	0.01	0.01	0.01		
9000	0.009	0.009	0.009	0.01	0.01		
9900	0.008	0.008	0.009	0.009	0.009		
10800	0.008	0.008	0.009	0.009	0.009		
11700	0.009	0.009	0.009	0.009	0.009		
12600	0.009	0.009	0.009	0.009	0.009		
13500	0.009	0.009	0.009	0.01	0.01		
14400	0.009	0.009	0.009	0.01	0.01		
15300	0.008	0.008	0.008	0.008	0.008		
16200	0.008	0.008	0.008	0.008	0.008		
17100	0.008	0.008	0.009	0.009	0.009		

Instrument Name	DustTrak DRX
Model Number	8533
Serial Number	8533133502
Firmware Version	3
Calibration Date	8/27/2013
Test Name	UTC WEST_001
Test Start Time	11:20:33 AM
Test Start Date	9/22/2014
Test Length [D:H:M]	0:05:15
Test Interval [M:S]	15:00
PM1 Average [mg/m3]	0.004
PM1 Minimum [mg/m3]	0.002
PM1 Maximum [mg/m3]	0.006
PM1 TWA [mg/m3]	0.002
PM2.5 Average [mg/m3]	0.004
PM2.5 Minimum [mg/m3]	0.002
PM2.5 Maximum [mg/m3]	0.006
PM2.5 TWA [mg/m3]	0.002
PM4 Average [mg/m3]	0.004
PM4 Minimum [mg/m3]	0.002
PM4 Maximum [mg/m3]	0.006
PM4 TWA [mg/m3]	0.002
PM10 Average [mg/m3]	0.004
PM10 Minimum [mg/m3]	0.002
PM10 Maximum [mg/m3]	0.006
PM10 TWA [mg/m3]	0.002
TOTAL Average [mg/m3]	0.004
TOTAL Minimum [mg/m3]	0.002
TOTAL Maximum [mg/m3]	0.006
TOTAL TWA [mg/m3]	0.002
Photometric User Cal	1
Size Correction User Cal	1
Flow User Cal	0
Errors	
Number of Samples	21

Elapsed Time [s]	PM1 [mg/m3]	PM2.5 [mg/m3]	PM4 [mg/m3]	PM10 [mg/m3]	TOTAL [mg/m3]	Alarms	Errors
900	0.002	0.002	0.002	0.002	0.003		
1800	0.002	0.002	0.002	0.002	0.002		
2700	0.002	0.002	0.002	0.002	0.003		
3600	0.003	0.003	0.003	0.003	0.003		
4500	0.002	0.002	0.003	0.003	0.003		
5400	0.003	0.003	0.003	0.003	0.003		
6300	0.003	0.003	0.003	0.003	0.003		
7200	0.003	0.003	0.003	0.003	0.003		
8100	0.003	0.003	0.003	0.003	0.003		
9000	0.003	0.003	0.003	0.003	0.003		
9900	0.003	0.003	0.003	0.003	0.003		
10800	0.004	0.004	0.004	0.004	0.004		
11700	0.003	0.003	0.003	0.003	0.003		
12600	0.003	0.003	0.004	0.004	0.004		
13500	0.004	0.004	0.004	0.004	0.004		
14400	0.004	0.004	0.004	0.004	0.004		
15300	0.005	0.005	0.005	0.005	0.005		
16200	0.005	0.005	0.005	0.005	0.005		
17100	0.006	0.006	0.006	0.006	0.006		
18000	0.006	0.006	0.006	0.006	0.006		
18900	0.006	0.006	0.006	0.006	0.006		

Instrument Name	DustTrak DRX
Model Number	8533
Serial Number	8533133502
Firmware Version	3
Calibration Date	8/27/2013
Test Name	UTC WEST_002
Test Start Time	7:14:34 AM
Test Start Date	9/23/2014
Test Length [D:H:M]	0:09:30
Test Interval [M:S]	15:00
PM1 Average [mg/m3]	0.009
PM1 Minimum [mg/m3]	0.007
PM1 Maximum [mg/m3]	0.014
PM1 TWA [mg/m3]	0.009
PM2.5 Average [mg/m3]	0.009
PM2.5 Minimum [mg/m3]	0.007
PM2.5 Maximum [mg/m3]	0.015
PM2.5 TWA [mg/m3]	0.009
PM4 Average [mg/m3]	0.009
PM4 Minimum [mg/m3]	0.008
PM4 Maximum [mg/m3]	0.015
PM4 TWA [mg/m3]	0.009
PM10 Average [mg/m3]	0.009
PM10 Minimum [mg/m3]	0.008
PM10 Maximum [mg/m3]	0.016
PM10 TWA [mg/m3]	0.01
TOTAL Average [mg/m3]	0.01
TOTAL Minimum [mg/m3]	0.008
TOTAL Maximum [mg/m3]	0.017
TOTAL TWA [mg/m3]	0.01
Photometric User Cal	1
Size Correction User Cal	1
Flow User Cal	0
Errors	
Number of Samples	38

Elapsed Time [s]	PM1 [mg/m3]	PM2.5 [mg/m3]	PM4 [mg/m3]	PM10 [mg/m3]	TOTAL [mg/m3]	Alarms	Errors
900	0.012	0.012	0.012	0.013	0.014		
1800	0.014	0.014	0.014	0.015	0.015		
2700	0.014	0.015	0.015	0.016	0.017		
3600	0.012	0.012	0.012	0.013	0.013		
4500	0.01	0.01	0.01	0.01	0.011		
5400	0.009	0.009	0.009	0.009	0.009		
6300	0.01	0.01	0.01	0.01	0.01		
7200	0.012	0.012	0.012	0.013	0.013		
8100	0.009	0.009	0.009	0.009	0.009		
9000	0.007	0.008	0.008	0.008	0.008		
9900	0.007	0.007	0.008	0.008	0.008		
10800	0.007	0.008	0.008	0.008	0.008		
11700	0.008	0.008	0.008	0.008	0.008		
12600	0.008	0.008	0.008	0.008	0.008		
13500	0.008	0.008	0.008	0.008	0.009		
14400	0.008	0.008	0.009	0.009	0.009		
15300	0.008	0.008	0.009	0.009	0.009		
16200	0.009	0.009	0.009	0.009	0.009		
17100	0.008	0.008	0.008	0.009	0.009		
18000	0.008	0.009	0.009	0.009	0.009		
18900	0.008	0.008	0.008	0.009	0.009		

19800	0.009	0.009	0.009	0.009	0.009
20700	0.008	0.008	0.008	0.009	0.009
21600	0.008	0.008	0.008	0.008	0.008
22500	0.008	0.008	0.008	0.008	0.008
23400	0.008	0.008	0.008	0.009	0.009
24300	0.008	0.008	0.008	0.008	0.008
25200	0.008	0.008	0.008	0.008	0.008
26100	0.008	0.008	0.008	0.009	0.009
27000	0.009	0.009	0.009	0.009	0.009
27900	0.009	0.009	0.009	0.009	0.009
28800	0.008	0.009	0.009	0.009	0.009
29700	0.008	0.008	0.009	0.009	0.009
30600	0.009	0.009	0.009	0.009	0.009
31500	0.008	0.008	0.009	0.009	0.009
32400	0.009	0.009	0.009	0.009	0.009
33300	0.009	0.009	0.009	0.009	0.009
34200	0.008	0.009	0.009	0.009	0.009

Instrument Name	DustTrak DRX
Model Number	8533
Serial Number	8533133502
Firmware Version	3
Calibration Date	8/27/2013
Test Name	UTC WEST_003
Test Start Time	7:09:13 AM
Test Start Date	9/24/2014
Test Length [D:H:M]	0:09:45
Test Interval [M:S]	15:00
PM1 Average [mg/m3]	0.01
PM1 Minimum [mg/m3]	0.008
PM1 Maximum [mg/m3]	0.015
PM1 TWA [mg/m3]	0.01
PM2.5 Average [mg/m3]	0.01
PM2.5 Minimum [mg/m3]	0.008
PM2.5 Maximum [mg/m3]	0.016
PM2.5 TWA [mg/m3]	0.01
PM4 Average [mg/m3]	0.011
PM4 Minimum [mg/m3]	0.008
PM4 Maximum [mg/m3]	0.019
PM4 TWA [mg/m3]	0.011
PM10 Average [mg/m3]	0.013
PM10 Minimum [mg/m3]	0.008
PM10 Maximum [mg/m3]	0.024
PM10 TWA [mg/m3]	0.013
TOTAL Average [mg/m3]	0.013
TOTAL Minimum [mg/m3]	0.008
TOTAL Maximum [mg/m3]	0.025
TOTAL TWA [mg/m3]	0.013
Photometric User Cal	1
Size Correction User Cal	1
Flow User Cal	0
Errors	
Number of Samples	39

Elapsed Time [s]	PM1 [mg/m3]	PM2.5 [mg/m3]	PM4 [mg/m3]	PM10 [mg/m3]	TOTAL [mg/m3]	Alarms	Errors
900	0.012	0.013	0.015	0.018	0.019		
1800	0.015	0.016	0.019	0.024	0.025		
2700	0.012	0.013	0.014	0.017	0.018		
3600	0.013	0.013	0.015	0.018	0.019		
4500	0.011	0.011	0.012	0.015	0.015		
5400	0.011	0.011	0.012	0.014	0.014		
6300	0.011	0.011	0.012	0.015	0.016		
7200	0.009	0.009	0.01	0.011	0.011		
8100	0.01	0.01	0.01	0.011	0.011		
9000	0.012	0.012	0.014	0.017	0.018		
9900	0.011	0.011	0.012	0.014	0.014		
10800	0.009	0.01	0.01	0.012	0.012		
11700	0.009	0.009	0.009	0.01	0.01		
12600	0.008	0.008	0.008	0.009	0.009		
13500	0.008	0.009	0.009	0.01	0.01		
14400	0.009	0.009	0.01	0.012	0.013		
15300	0.008	0.008	0.008	0.009	0.009		
16200	0.008	0.008	0.008	0.009	0.009		
17100	0.013	0.013	0.016	0.02	0.02		
18000	0.011	0.011	0.012	0.014	0.014		
18900	0.009	0.009	0.01	0.011	0.011		

19800	0.009	0.009	0.009	0.01	0.01
20700	0.009	0.009	0.009	0.01	0.01
21600	0.008	0.008	0.008	0.009	0.009
22500	0.009	0.009	0.009	0.01	0.01
23400	0.01	0.011	0.011	0.013	0.013
24300	0.009	0.009	0.009	0.01	0.01
25200	0.011	0.012	0.013	0.017	0.017
26100	0.008	0.008	0.009	0.009	0.009
27000	0.009	0.009	0.009	0.011	0.011
27900	0.008	0.008	0.008	0.008	0.008
28800	0.009	0.009	0.009	0.01	0.01
29700	0.009	0.01	0.01	0.011	0.011
30600	0.013	0.014	0.016	0.019	0.02
31500	0.011	0.012	0.013	0.014	0.014
32400	0.01	0.011	0.012	0.013	0.013
33300	0.008	0.009	0.009	0.009	0.009
34200	0.008	0.009	0.009	0.01	0.01
35100	0.011	0.011	0.012	0.014	0.014

Instrument Name	DustTrak DRX
Model Number	8533
Serial Number	8533133502
Firmware Version	3
Calibration Date	8/27/2013
Test Name	UTC WEST_001
Test Start Time	7:31:01 AM
Test Start Date	9/25/2014
Test Length [D:H:M]	0:09:30
Test Interval [M:S]	15:00
PM1 Average [mg/m3]	0.015
PM1 Minimum [mg/m3]	0.01
PM1 Maximum [mg/m3]	0.02
PM1 TWA [mg/m3]	0.015
PM2.5 Average [mg/m3]	0.015
PM2.5 Minimum [mg/m3]	0.01
PM2.5 Maximum [mg/m3]	0.021
PM2.5 TWA [mg/m3]	0.015
PM4 Average [mg/m3]	0.016
PM4 Minimum [mg/m3]	0.011
PM4 Maximum [mg/m3]	0.024
PM4 TWA [mg/m3]	0.016
PM10 Average [mg/m3]	0.022
PM10 Minimum [mg/m3]	0.013
PM10 Maximum [mg/m3]	0.04
PM10 TWA [mg/m3]	0.022
TOTAL Average [mg/m3]	0.027
TOTAL Minimum [mg/m3]	0.014
TOTAL Maximum [mg/m3]	0.051
TOTAL TWA [mg/m3]	0.027
Photometric User Cal	1
Size Correction User Cal	1
Flow User Cal	0
Errors	
Number of Samples	38

Elapsed Time [s]	PM1 [mg/m3]	PM2.5 [mg/m3]	PM4 [mg/m3]	PM10 [mg/m3]	TOTAL [mg/m3]	Alarms	Errors
900	0.017	0.018	0.019	0.027	0.033		
1800	0.017	0.017	0.019	0.025	0.029		
2700	0.016	0.017	0.018	0.022	0.024		
3600	0.018	0.019	0.02	0.026	0.03		
4500	0.015	0.016	0.017	0.024	0.028		
5400	0.013	0.014	0.014	0.018	0.02		
6300	0.014	0.014	0.015	0.019	0.02		
7200	0.013	0.013	0.014	0.017	0.019		
8100	0.013	0.013	0.014	0.017	0.019		
9000	0.014	0.014	0.016	0.022	0.028		
9900	0.011	0.011	0.012	0.015	0.017		
10800	0.02	0.021	0.024	0.04	0.051		
11700	0.015	0.015	0.017	0.024	0.03		
12600	0.011	0.012	0.012	0.015	0.018		
13500	0.012	0.012	0.013	0.016	0.018		
14400	0.01	0.01	0.011	0.013	0.015		
15300	0.016	0.017	0.019	0.029	0.039		
16200	0.016	0.017	0.019	0.028	0.037		
17100	0.018	0.019	0.02	0.029	0.039		
18000	0.012	0.012	0.012	0.015	0.017		
18900	0.012	0.012	0.013	0.016	0.019		

19800	0.012	0.012	0.012	0.013	0.014
20700	0.013	0.013	0.014	0.017	0.019
21600	0.015	0.016	0.017	0.023	0.029
22500	0.014	0.015	0.016	0.02	0.023
23400	0.018	0.019	0.021	0.035	0.047
24300	0.015	0.016	0.017	0.023	0.027
25200	0.014	0.014	0.015	0.019	0.023
26100	0.012	0.012	0.012	0.015	0.016
27000	0.016	0.016	0.018	0.028	0.033
27900	0.017	0.018	0.02	0.03	0.04
28800	0.017	0.018	0.02	0.035	0.046
29700	0.013	0.013	0.014	0.017	0.02
30600	0.014	0.014	0.015	0.02	0.026
31500	0.015	0.016	0.017	0.023	0.028
32400	0.014	0.015	0.016	0.02	0.024
33300	0.014	0.015	0.016	0.021	0.024
34200	0.017	0.017	0.019	0.028	0.035

Instrument Name	DustTrak DRX
Model Number	8533
Serial Number	8533133502
Firmware Version	3
Calibration Date	8/27/2013
Test Name	UTC WEST_002
Test Start Time	8:11:00 AM
Test Start Date	9/26/2014
Test Length [D:H:M]	0:06:45
Test Interval [M:S]	15:00
PM1 Average [mg/m3]	0.015
PM1 Minimum [mg/m3]	0.011
PM1 Maximum [mg/m3]	0.019
PM1 TWA [mg/m3]	0.012
PM2.5 Average [mg/m3]	0.015
PM2.5 Minimum [mg/m3]	0.011
PM2.5 Maximum [mg/m3]	0.02
PM2.5 TWA [mg/m3]	0.012
PM4 Average [mg/m3]	0.015
PM4 Minimum [mg/m3]	0.011
PM4 Maximum [mg/m3]	0.02
PM4 TWA [mg/m3]	0.013
PM10 Average [mg/m3]	0.016
PM10 Minimum [mg/m3]	0.011
PM10 Maximum [mg/m3]	0.023
PM10 TWA [mg/m3]	0.014
TOTAL Average [mg/m3]	0.017
TOTAL Minimum [mg/m3]	0.011
TOTAL Maximum [mg/m3]	0.024
TOTAL TWA [mg/m3]	0.014
Photometric User Cal	1
Size Correction User Cal	1
Flow User Cal	0
Errors	
Number of Samples	27

Elapsed Time [s]	PM1 [mg/m3]	PM2.5 [mg/m3]	PM4 [mg/m3]	PM10 [mg/m3]	TOTAL [mg/m3]	Alarms	Errors
900	0.016	0.016	0.017	0.019	0.02		
1800	0.016	0.016	0.018	0.02	0.02		
2700	0.016	0.016	0.018	0.02	0.021		
3600	0.017	0.018	0.019	0.021	0.022		
4500	0.018	0.019	0.02	0.023	0.024		
5400	0.017	0.017	0.018	0.021	0.021		
6300	0.018	0.018	0.019	0.021	0.021		
7200	0.019	0.019	0.02	0.021	0.022		
8100	0.019	0.02	0.02	0.022	0.022		
9000	0.019	0.02	0.02	0.021	0.021		
9900	0.017	0.018	0.018	0.019	0.019		
10800	0.019	0.019	0.02	0.021	0.022		
11700	0.015	0.016	0.016	0.016	0.016		
12600	0.015	0.015	0.015	0.015	0.016		
13500	0.013	0.013	0.013	0.013	0.013		
14400	0.012	0.012	0.012	0.013	0.013		
15300	0.012	0.012	0.012	0.012	0.012		
16200	0.012	0.012	0.012	0.013	0.013		
17100	0.012	0.012	0.012	0.012	0.013		
18000	0.012	0.012	0.012	0.013	0.013		
18900	0.012	0.012	0.012	0.012	0.012		

19800	0.011	0.012	0.012	0.012	0.012
20700	0.011	0.012	0.012	0.012	0.012
21600	0.011	0.011	0.011	0.012	0.012
22500	0.011	0.011	0.011	0.012	0.012
23400	0.011	0.011	0.012	0.012	0.012
24300	0.011	0.011	0.011	0.011	0.011

Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530143206
Firmware Version	3
Calibration Date	8/5/2014
Test Name	UTC WEST_001
Test Start Time	7:10:48 AM
Test Start Date	9/29/2014
Test Length [D:H:M]	0:10:00
Test Interval [M:S]	15:00
Mass Average [mg/m3]	0.026
Mass Minimum [mg/m3]	0.015
Mass Maximum [mg/m3]	0.048
Mass TWA [mg/m3]	0.028
Photometric User Cal	1
Flow User Cal	0
Errors	
Number of Samples	40

Elapsed Time [s]	Mass [mg/m3]	Alarms	Errors
900	0.048		
1800	0.048		
2700	0.036		
3600	0.042		
4500	0.042		
5400	0.039		
6300	0.039		
7200	0.043		
8100	0.034		
9000	0.039		
9900	0.034		
10800	0.034		
11700	0.032		
12600	0.035		
13500	0.028		
14400	0.027		
15300	0.028		
16200	0.024		
17100	0.02		
18000	0.02		
18900	0.018		
19800	0.016		
20700	0.015		
21600	0.016		
22500	0.017		
23400	0.021		
24300	0.017		
25200	0.015		
26100	0.015		
27000	0.015		
27900	0.016		
28800	0.019		
29700	0.016		
30600	0.016		
31500	0.015		
32400	0.016		
33300	0.018		
34200	0.018		
35100	0.018		
36000	0.016		

Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530143206
Firmware Version	3
Calibration Date	8/5/2014
Test Name	UTC WEST_002
Test Start Time	7:24:07 AM
Test Start Date	9/30/2014
Test Length [D:H:M]	0:07:45
Test Interval [M:S]	15:00
Mass Average [mg/m3]	0.034
Mass Minimum [mg/m3]	0.03
Mass Maximum [mg/m3]	0.043
Mass TWA [mg/m3]	0.033
Photometric User Cal	1
Flow User Cal	0
Errors	
Number of Samples	31

Elapsed Time [s]	Mass [mg/m3]	Alarms	Errors
900	0.038		
1800	0.033		
2700	0.034		
3600	0.033		
4500	0.034		
5400	0.032		
6300	0.033		
7200	0.032		
8100	0.031		
9000	0.031		
9900	0.032		
10800	0.03		
11700	0.03		
12600	0.03		
13500	0.032		
14400	0.032		
15300	0.031		
16200	0.032		
17100	0.032		
18000	0.032		
18900	0.032		
19800	0.032		
20700	0.032		
21600	0.031		
22500	0.032		
23400	0.034		
24300	0.036		
25200	0.04		
26100	0.042		
27000	0.042		
27900	0.043		

Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530143206
Firmware Version	3
Calibration Date	8/5/2014
Test Name	UTC WEST_003
Test Start Time	8:31:44 AM
Test Start Date	10/1/2014
Test Length [D:H:M]	0:06:30
Test Interval [M:S]	15:00
Mass Average [mg/m3]	0.032
Mass Minimum [mg/m3]	0.022
Mass Maximum [mg/m3]	0.051
Mass TWA [mg/m3]	0.026
Photometric User Cal	1
Flow User Cal	0
Errors	
Number of Samples	26

Elapsed Time [s]	Mass [mg/m3]	Alarms	Errors
900	0.051		
1800	0.047		
2700	0.046		
3600	0.042		
4500	0.04		
5400	0.037		
6300	0.037		
7200	0.035		
8100	0.034		
9000	0.033		
9900	0.033		
10800	0.033		
11700	0.033		
12600	0.029		
13500	0.029		
14400	0.029		
15300	0.029		
16200	0.029		
17100	0.028		
18000	0.027		
18900	0.025		
19800	0.024		
20700	0.024		
21600	0.022		
22500	0.022		
23400	0.023		

Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530143206
Firmware Version	3
Calibration Date	8/5/2014
Test Name	UTC WEST_004
Test Start Time	9:20:04 AM
Test Start Date	10/2/2014
Test Length [D:H:M]	0:07:45
Test Interval [M:S]	15:00
Mass Average [mg/m3]	0.014
Mass Minimum [mg/m3]	0.005
Mass Maximum [mg/m3]	0.045
Mass TWA [mg/m3]	0.014
Photometric User Cal	1
Flow User Cal	0
Errors	
Number of Samples	31

Elapsed Time [s]	Mass [mg/m3]	Alarms	Errors
900	0.025		
1800	0.03		
2700	0.018		
3600	0.023		
4500	0.013		
5400	0.012		
6300	0.017		
7200	0.016		
8100	0.018		
9000	0.01		
9900	0.022		
10800	0.011		
11700	0.011		
12600	0.011		
13500	0.012		
14400	0.012		
15300	0.01		
16200	0.01		
17100	0.009		
18000	0.036		
18900	0.007		
19800	0.011		
20700	0.011		
21600	0.045		
22500	0.013		
23400	0.008		
24300	0.006		
25200	0.006		
26100	0.005		
27000	0.005		
27900	0.005		

Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530143206
Firmware Version	3
Calibration Date	8/5/2014
Test Name	UTC WEST_005
Test Start Time	7:29:02 AM
Test Start Date	10/3/2014
Test Length [D:H:M]	0:08:00
Test Interval [M:S]	15:00
Mass Average [mg/m3]	0.028
Mass Minimum [mg/m3]	0.015
Mass Maximum [mg/m3]	0.045
Mass TWA [mg/m3]	0.028
Photometric User Cal	1
Flow User Cal	0
Errors	
Number of Samples	32

Elapsed Time [s]	Mass [mg/m3]	Alarms	Errors
900	0.017		
1800	0.016		
2700	0.016		
3600	0.015		
4500	0.018		
5400	0.015		
6300	0.016		
7200	0.016		
8100	0.016		
9000	0.018		
9900	0.02		
10800	0.025		
11700	0.026		
12600	0.026		
13500	0.024		
14400	0.045		
15300	0.03		
16200	0.03		
17100	0.033		
18000	0.031		
18900	0.032		
19800	0.044		
20700	0.033		
21600	0.038		
22500	0.033		
23400	0.033		
24300	0.036		
25200	0.039		
26100	0.041		
27000	0.044		
27900	0.032		
28800	0.027		

Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530143206
Firmware Version	3
Calibration Date	8/5/2014
Test Name	UTC WEST_001
Test Start Time	7:32:15 AM
Test Start Date	10/6/2014
Test Length [D:H:M]	0:09:00
Test Interval [M:S]	15:00
Mass Average [mg/m3]	0.01
Mass Minimum [mg/m3]	0.003
Mass Maximum [mg/m3]	0.023
Mass TWA [mg/m3]	0.01
Photometric User Cal	1
Flow User Cal	0
Errors	
Number of Samples	36

Elapsed Time [s]	Mass [mg/m3]	Alarms	Errors
900	0.023		
1800	0.02		
2700	0.019		
3600	0.017		
4500	0.016		
5400	0.016		
6300	0.015		
7200	0.015		
8100	0.015		
9000	0.015		
9900	0.014		
10800	0.013		
11700	0.012		
12600	0.013		
13500	0.015		
14400	0.01		
15300	0.009		
16200	0.007		
17100	0.008		
18000	0.005		
18900	0.005		
19800	0.005		
20700	0.004		
21600	0.005		
22500	0.004		
23400	0.004		
24300	0.004		
25200	0.004		
26100	0.003		
27000	0.007		
27900	0.004		
28800	0.006		
29700	0.005		
30600	0.005		
31500	0.005		
32400	0.004		

Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530143206
Firmware Version	3
Calibration Date	8/5/2014
Test Name	UTC WEST_002
Test Start Time	8:48:05 AM
Test Start Date	10/7/2014
Test Length [D:H:M]	0:08:30
Test Interval [M:S]	15:00
Mass Average [mg/m3]	0.009
Mass Minimum [mg/m3]	0.006
Mass Maximum [mg/m3]	0.013
Mass TWA [mg/m3]	0.009
Photometric User Cal	1
Flow User Cal	0
Errors	
Number of Samples	34

Elapsed Time [s]	Mass [mg/m3]	Alarms	Errors
900	0.013		
1800	0.013		
2700	0.013		
3600	0.013		
4500	0.012		
5400	0.013		
6300	0.012		
7200	0.012		
8100	0.011		
9000	0.011		
9900	0.01		
10800	0.009		
11700	0.009		
12600	0.009		
13500	0.008		
14400	0.008		
15300	0.008		
16200	0.007		
17100	0.008		
18000	0.008		
18900	0.008		
19800	0.008		
20700	0.008		
21600	0.007		
22500	0.007		
23400	0.007		
24300	0.007		
25200	0.007		
26100	0.007		
27000	0.006		
27900	0.006		
28800	0.006		
29700	0.007		
30600	0.007		

Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530143206
Firmware Version	3
Calibration Date	8/5/2014
Test Name	UTC WEST_003
Test Start Time	8:33:54 AM
Test Start Date	10/8/2014
Test Length [D:H:M]	0:08:15
Test Interval [M:S]	15:00
Mass Average [mg/m3]	0.014
Mass Minimum [mg/m3]	0.008
Mass Maximum [mg/m3]	0.019
Mass TWA [mg/m3]	0.014
Photometric User Cal	1
Flow User Cal	0
Errors	
Number of Samples	33

Elapsed Time [s]	Mass [mg/m3]	Alarms	Errors
900	0.008		
1800	0.008		
2700	0.016		
3600	0.019		
4500	0.011		
5400	0.012		
6300	0.011		
7200	0.011		
8100	0.011		
9000	0.015		
9900	0.012		
10800	0.012		
11700	0.012		
12600	0.015		
13500	0.015		
14400	0.014		
15300	0.014		
16200	0.016		
17100	0.014		
18000	0.012		
18900	0.014		
19800	0.015		
20700	0.017		
21600	0.018		
22500	0.018		
23400	0.018		
24300	0.017		
25200	0.017		
26100	0.016		
27000	0.013		
27900	0.012		
28800	0.012		
29700	0.012		

Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530143206
Firmware Version	3
Calibration Date	8/5/2014
Test Name	UTC WEST_004
Test Start Time	7:24:45 AM
Test Start Date	10/9/2014
Test Length [D:H:M]	0:09:57
Test Interval [M:S]	15:00
Mass Average [mg/m3]	0.012
Mass Minimum [mg/m3]	0
Mass Maximum [mg/m3]	0.026
Mass TWA [mg/m3]	0
Photometric User Cal	1
Flow User Cal	0
Errors	
Number of Samples	34

Elapsed Time [s]	Mass [mg/m3]	Alarms	Errors
900	0.024		
1800	0.026		
2700	0.026		
3600	0.025		
4500	0.021		
5400	0.021		
6300	0.023		
7200	0.022		
8100	0.018		
9000	0.016		
9900	0.013		
10800	0.011		
11700	0.011		
12600	0.011		
13500	0.01		
14400	0.008		
15300	0.008		
16200	0.008		
17100	0.009		
18000	0.009		
18900	0.01		
19800	0.009		
20700	0.007		
21600	0.006		
22500	0.006		
23400	0.006		
24300	0.007		
25200	0.007		
26100	0.007		
27000	0.007		
27900	0.006		
28800	0.007		
29700	0.006		
35873	0		

Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530143206
Firmware Version	3
Calibration Date	8/5/2014
Test Name	UTC WEST_005
Test Start Time	7:27:12 AM
Test Start Date	10/10/2014
Test Length [D:H:M]	0:05:00
Test Interval [M:S]	15:00
Mass Average [mg/m3]	0.009
Mass Minimum [mg/m3]	0.007
Mass Maximum [mg/m3]	0.012
Mass TWA [mg/m3]	0.006
Photometric User Cal	1
Flow User Cal	0
Errors	
Number of Samples	20

Elapsed Time [s]	Mass [mg/m3]	Alarms	Errors
900	0.012		
1800	0.012		
2700	0.011		
3600	0.011		
4500	0.011		
5400	0.011		
6300	0.01		
7200	0.01		
8100	0.009		
9000	0.009		
9900	0.009		
10800	0.009		
11700	0.008		
12600	0.008		
13500	0.007		
14400	0.007		
15300	0.007		
16200	0.007		
17100	0.007		
18000	0.007		

Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530143206
Firmware Version	3
Calibration Date	8/5/2014
Test Name	UTC WEST_001
Test Start Time	8:17:20 AM
Test Start Date	10/20/2014
Test Length [D:H:M]	0:08:00
Test Interval [M:S]	15:00
Mass Average [mg/m3]	0.005
Mass Minimum [mg/m3]	0.001
Mass Maximum [mg/m3]	0.015
Mass TWA [mg/m3]	0.005
Photometric User Cal	1
Flow User Cal	0
Errors	
Number of Samples	32

Elapsed Time [s]	Mass [mg/m3]	Alarms	Errors
900	0.015		
1800	0.01		
2700	0.01		
3600	0.007		
4500	0.006		
5400	0.005		
6300	0.004		
7200	0.005		
8100	0.005		
9000	0.004		
9900	0.008		
10800	0.007		
11700	0.004		
12600	0.005		
13500	0.006		
14400	0.003		
15300	0.003		
16200	0.003		
17100	0.004		
18000	0.006		
18900	0.004		
19800	0.001		
20700	0.002		
21600	0.002		
22500	0.003		
23400	0.004		
24300	0.005		
25200	0.006		
26100	0.007		
27000	0.006		
27900	0.006		
28800	0.006		

Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530143206
Firmware Version	3
Calibration Date	8/5/2014
Test Name	UTC WEST_002
Test Start Time	7:55:01 AM
Test Start Date	10/22/2014
Test Length [D:H:M]	0:09:45
Test Interval [M:S]	15:00
Mass Average [mg/m3]	0.018
Mass Minimum [mg/m3]	0.009
Mass Maximum [mg/m3]	0.038
Mass TWA [mg/m3]	0.02
Photometric User Cal	1
Flow User Cal	0
Errors	
Number of Samples	39

Elapsed Time [s]	Mass [mg/m3]	Alarms	Errors
900	0.038		
1800	0.036		
2700	0.034		
3600	0.033		
4500	0.033		
5400	0.032		
6300	0.031		
7200	0.03		
8100	0.029		
9000	0.028		
9900	0.026		
10800	0.024		
11700	0.023		
12600	0.02		
13500	0.017		
14400	0.013		
15300	0.011		
16200	0.011		
17100	0.011		
18000	0.009		
18900	0.009		
19800	0.009		
20700	0.01		
21600	0.011		
22500	0.013		
23400	0.015		
24300	0.015		
25200	0.014		
26100	0.013		
27000	0.011		
27900	0.011		
28800	0.011		
29700	0.011		
30600	0.011		
31500	0.011		
32400	0.012		
33300	0.014		
34200	0.015		
35100	0.016		

Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530143206
Firmware Version	3
Calibration Date	8/5/2014
Test Name	UTC WEST_003
Test Start Time	7:50:49 AM
Test Start Date	10/23/2014
Test Length [D:H:M]	0:09:34
Test Interval [M:S]	15:00
Mass Average [mg/m3]	0.009
Mass Minimum [mg/m3]	0
Mass Maximum [mg/m3]	0.022
Mass TWA [mg/m3]	0.007
Photometric User Cal	1
Flow User Cal	0
Errors	
Number of Samples	26

Elapsed Time [s]	Mass [mg/m3]	Alarms	Errors
900	0.022		
1800	0.013		
2700	0.012		
3600	0.011		
4500	0.011		
5400	0.01		
6300	0.01		
7200	0.009		
8100	0.009		
9000	0.008		
9900	0.008		
10800	0.008		
11700	0.007		
12600	0.008		
13500	0.008		
14400	0.008		
15300	0.009		
16200	0.009		
17100	0.009		
18000	0.008		
18900	0.008		
19800	0.008		
20700	0.008		
21600	0.008		
22500	0.007		
34447	0		

Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530143206
Firmware Version	3
Calibration Date	8/5/2014
Test Name	UTC WEST_004
Test Start Time	8:07:37 AM
Test Start Date	10/24/2014
Test Length [D:H:M]	0:06:45
Test Interval [M:S]	15:00
Mass Average [mg/m3]	0.009
Mass Minimum [mg/m3]	0.007
Mass Maximum [mg/m3]	0.023
Mass TWA [mg/m3]	0.008
Photometric User Cal	1
Flow User Cal	0
Errors	
Number of Samples	27

Elapsed Time [s]	Mass [mg/m3]	Alarms	Errors
900	0.023		
1800	0.011		
2700	0.011		
3600	0.011		
4500	0.011		
5400	0.011		
6300	0.01		
7200	0.009		
8100	0.008		
9000	0.008		
9900	0.008		
10800	0.008		
11700	0.008		
12600	0.008		
13500	0.008		
14400	0.008		
15300	0.008		
16200	0.009		
17100	0.009		
18000	0.009		
18900	0.008		
19800	0.008		
20700	0.007		
21600	0.007		
22500	0.007		
23400	0.007		
24300	0.007		

Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530143206
Firmware Version	3
Calibration Date	8/5/2014
Test Name	UTC WEST_001
Test Start Time	8:02:16 AM
Test Start Date	10/27/2014
Test Length [D:H:M]	0:09:00
Test Interval [M:S]	15:00
Mass Average [mg/m3]	0.009
Mass Minimum [mg/m3]	0.006
Mass Maximum [mg/m3]	0.019
Mass TWA [mg/m3]	0.009
Photometric User Cal	1
Flow User Cal	0
Errors	
Number of Samples	36

Elapsed Time [s]	Mass [mg/m3]	Alarms	Errors
900	0.019		
1800	0.019		
2700	0.017		
3600	0.016		
4500	0.014		
5400	0.014		
6300	0.012		
7200	0.011		
8100	0.01		
9000	0.009		
9900	0.008		
10800	0.007		
11700	0.007		
12600	0.007		
13500	0.007		
14400	0.007		
15300	0.007		
16200	0.007		
17100	0.007		
18000	0.007		
18900	0.006		
19800	0.006		
20700	0.007		
21600	0.007		
22500	0.006		
23400	0.007		
24300	0.006		
25200	0.007		
26100	0.006		
27000	0.006		
27900	0.006		
28800	0.006		
29700	0.007		
30600	0.007		
31500	0.008		
32400	0.008		

Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530143206
Firmware Version	3
Calibration Date	8/5/2014
Test Name	UTC WEST_002
Test Start Time	7:34:32 AM
Test Start Date	10/28/2014
Test Length [D:H:M]	0:10:15
Test Interval [M:S]	15:00
Mass Average [mg/m3]	0.027
Mass Minimum [mg/m3]	0.018
Mass Maximum [mg/m3]	0.041
Mass TWA [mg/m3]	0.026
Photometric User Cal	1
Flow User Cal	0
Errors	
Number of Samples	41

Elapsed Time [s]	Mass [mg/m3]	Alarms	Errors
900	0.019		
1800	0.019		
2700	0.019		
3600	0.021		
4500	0.041		
5400	0.024		
6300	0.034		
7200	0.019		
8100	0.018		
9000	0.018		
9900	0.018		
10800	0.02		
11700	0.022		
12600	0.019		
13500	0.02		
14400	0.02		
15300	0.021		
16200	0.027		
17100	0.027		
18000	0.031		
18900	0.032		
19800	0.033		
20700	0.031		
21600	0.031		
22500	0.031		
23400	0.031		
24300	0.031		
25200	0.03		
26100	0.029		
27000	0.029		
27900	0.028		
28800	0.028		
29700	0.028		
30600	0.029		
31500	0.031		
32400	0.033		
33300	0.033		
34200	0.034		
35100	0.036		
36000	0.038		
36900	0.041		

Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530143206
Firmware Version	3
Calibration Date	8/5/2014
Test Name	UTC WEST_003
Test Start Time	7:51:07 AM
Test Start Date	10/29/2014
Test Length [D:H:M]	0:09:34
Test Interval [M:S]	15:00
Mass Average [mg/m3]	0.016
Mass Minimum [mg/m3]	0
Mass Maximum [mg/m3]	0.035
Mass TWA [mg/m3]	0.014
Photometric User Cal	1
Flow User Cal	0
Errors	
Number of Samples	29

Elapsed Time [s]	Mass [mg/m3]	Alarms	Errors
900	0.035		
1800	0.034		
2700	0.032		
3600	0.032		
4500	0.027		
5400	0.024		
6300	0.023		
7200	0.022		
8100	0.021		
9000	0.018		
9900	0.017		
10800	0.011		
11700	0.009		
12600	0.009		
13500	0.009		
14400	0.009		
15300	0.01		
16200	0.009		
17100	0.008		
18000	0.008		
18900	0.008		
19800	0.009		
20700	0.012		
21600	0.016		
22500	0.017		
23400	0.016		
24300	0.017		
25200	0.016		
34442	0		

Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530143206
Firmware Version	3
Calibration Date	8/5/2014
Test Name	UTC WEST_004
Test Start Time	9:03:05 AM
Test Start Date	10/30/2014
Test Length [D:H:M]	0:08:30
Test Interval [M:S]	15:00
Mass Average [mg/m3]	0.007
Mass Minimum [mg/m3]	0.004
Mass Maximum [mg/m3]	0.018
Mass TWA [mg/m3]	0.007
Photometric User Cal	1
Flow User Cal	0
Errors	
Number of Samples	34

Elapsed Time [s]	Mass [mg/m3]	Alarms	Errors
900	0.018		
1800	0.008		
2700	0.008		
3600	0.009		
4500	0.01		
5400	0.011		
6300	0.01		
7200	0.008		
8100	0.008		
9000	0.008		
9900	0.007		
10800	0.007		
11700	0.005		
12600	0.005		
13500	0.005		
14400	0.006		
15300	0.006		
16200	0.006		
17100	0.005		
18000	0.005		
18900	0.004		
19800	0.005		
20700	0.006		
21600	0.007		
22500	0.006		
23400	0.006		
24300	0.005		
25200	0.005		
26100	0.004		
27000	0.004		
27900	0.005		
28800	0.006		
29700	0.007		
30600	0.008		

Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530143206
Firmware Version	3
Calibration Date	8/5/2014
Test Name	UTC WEST_005
Test Start Time	8:06:34 AM
Test Start Date	10/31/2014
Test Length [D:H:M]	0:03:30
Test Interval [M:S]	15:00
Mass Average [mg/m3]	0.019
Mass Minimum [mg/m3]	0.013
Mass Maximum [mg/m3]	0.024
Mass TWA [mg/m3]	0.008
Photometric User Cal	1
Flow User Cal	0
Errors	
Number of Samples	14

Elapsed Time [s]	Mass [mg/m3]	Alarms	Errors
900	0.022		
1800	0.02		
2700	0.019		
3600	0.021		
4500	0.019		
5400	0.02		
6300	0.019		
7200	0.019		
8100	0.019		
9000	0.024		
9900	0.017		
10800	0.015		
11700	0.013		
12600	0.013		

Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530143206
Firmware Version	3
Calibration Date	8/5/2014
Test Name	UTC WEST_001
Test Start Time	8:31:39 AM
Test Start Date	11/3/2014
Test Length [D:H:M]	0:09:45
Test Interval [M:S]	15:00
Mass Average [mg/m3]	0.013
Mass Minimum [mg/m3]	0.005
Mass Maximum [mg/m3]	0.022
Mass TWA [mg/m3]	0.014
Photometric User Cal	1
Flow User Cal	0
Errors	
Number of Samples	39

Elapsed Time [s]	Mass [mg/m3]	Alarms	Errors
900	0.021		
1800	0.022		
2700	0.022		
3600	0.02		
4500	0.019		
5400	0.019		
6300	0.019		
7200	0.02		
8100	0.02		
9000	0.019		
9900	0.02		
10800	0.019		
11700	0.019		
12600	0.019		
13500	0.019		
14400	0.018		
15300	0.017		
16200	0.015		
17100	0.014		
18000	0.014		
18900	0.013		
19800	0.011		
20700	0.008		
21600	0.006		
22500	0.006		
23400	0.005		
24300	0.005		
25200	0.005		
26100	0.005		
27000	0.007		
27900	0.007		
28800	0.007		
29700	0.005		
30600	0.005		
31500	0.005		
32400	0.005		
33300	0.009		
34200	0.008		
35100	0.009		

Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530143206
Firmware Version	3
Calibration Date	8/5/2014
Test Name	UTC WEST_002
Test Start Time	7:56:16 AM
Test Start Date	11/4/2014
Test Length [D:H:M]	0:10:30
Test Interval [M:S]	15:00
Mass Average [mg/m3]	0.014
Mass Minimum [mg/m3]	0.013
Mass Maximum [mg/m3]	0.016
Mass TWA [mg/m3]	0.014
Photometric User Cal	1
Flow User Cal	0
Errors	
Number of Samples	42

Elapsed Time [s]	Mass [mg/m3]	Alarms	Errors
900	0.014		
1800	0.014		
2700	0.015		
3600	0.014		
4500	0.013		
5400	0.014		
6300	0.013		
7200	0.014		
8100	0.014		
9000	0.014		
9900	0.014		
10800	0.014		
11700	0.014		
12600	0.015		
13500	0.016		
14400	0.015		
15300	0.014		
16200	0.014		
17100	0.013		
18000	0.015		
18900	0.014		
19800	0.015		
20700	0.015		
21600	0.014		
22500	0.015		
23400	0.016		
24300	0.015		
25200	0.014		
26100	0.015		
27000	0.014		
27900	0.014		
28800	0.013		
29700	0.013		
30600	0.013		
31500	0.013		
32400	0.013		
33300	0.013		
34200	0.014		
35100	0.016		
36000	0.014		
36900	0.015		
37800	0.014		

Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530143206
Firmware Version	3
Calibration Date	8/5/2014
Test Name	UTC WEST_003
Test Start Time	7:47:12 AM
Test Start Date	11/5/2014
Test Length [D:H:M]	0:11:15
Test Interval [M:S]	15:00
Mass Average [mg/m3]	0.024
Mass Minimum [mg/m3]	0.017
Mass Maximum [mg/m3]	0.034
Mass TWA [mg/m3]	0.024
Photometric User Cal	1
Flow User Cal	0
Errors	
Number of Samples	45

Elapsed Time [s]	Mass [mg/m3]	Alarms	Errors
900	0.031		
1800	0.032		
2700	0.034		
3600	0.031		
4500	0.029		
5400	0.032		
6300	0.027		
7200	0.024		
8100	0.024		
9000	0.027		
9900	0.028		
10800	0.032		
11700	0.031		
12600	0.027		
13500	0.023		
14400	0.021		
15300	0.02		
16200	0.019		
17100	0.018		
18000	0.017		
18900	0.019		
19800	0.019		
20700	0.02		
21600	0.019		
22500	0.021		
23400	0.02		
24300	0.021		
25200	0.021		
26100	0.02		
27000	0.02		
27900	0.018		
28800	0.018		
29700	0.027		
30600	0.027		
31500	0.028		
32400	0.027		
33300	0.029		
34200	0.028		
35100	0.027		
36000	0.025		
36900	0.027		
37800	0.026		
38700	0.023		
39600	0.022		
40500	0.021		

Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530143206
Firmware Version	3
Calibration Date	8/5/2014
Test Name	UTC WEST_004
Test Start Time	8:14:51 AM
Test Start Date	11/6/2014
Test Length [D:H:M]	0:09:45
Test Interval [M:S]	15:00
Mass Average [mg/m3]	0.059
Mass Minimum [mg/m3]	0.043
Mass Maximum [mg/m3]	0.08
Mass TWA [mg/m3]	0.056
Photometric User Cal	1
Flow User Cal	0
Errors	
Number of Samples	39

Elapsed Time [s]	Mass [mg/m3]	Alarms	Errors
900	0.058		
1800	0.057		
2700	0.061		
3600	0.064		
4500	0.07		
5400	0.07		
6300	0.075		
7200	0.064		
8100	0.056		
9000	0.056		
9900	0.058		
10800	0.069		
11700	0.055		
12600	0.052		
13500	0.052		
14400	0.052		
15300	0.045		
16200	0.045		
17100	0.044		
18000	0.043		
18900	0.043		
19800	0.045		
20700	0.045		
21600	0.046		
22500	0.049		
23400	0.051		
24300	0.053		
25200	0.058		
26100	0.059		
27000	0.064		
27900	0.069		
28800	0.068		
29700	0.071		
30600	0.074		
31500	0.073		
32400	0.077		
33300	0.078		
34200	0.08		
35100	0.071		

Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530143206
Firmware Version	3
Calibration Date	8/5/2014
Test Name	UTC WEST_005
Test Start Time	8:38:42 AM
Test Start Date	11/8/2014
Test Length [D:H:M]	0:07:00
Test Interval [M:S]	15:00
Mass Average [mg/m3]	0.007
Mass Minimum [mg/m3]	0.004
Mass Maximum [mg/m3]	0.011
Mass TWA [mg/m3]	0.007
Photometric User Cal	1
Flow User Cal	0
Errors	
Number of Samples	28

Elapsed Time [s]	Mass [mg/m3]	Alarms	Errors
900	0.011		
1800	0.01		
2700	0.009		
3600	0.008		
4500	0.008		
5400	0.008		
6300	0.008		
7200	0.008		
8100	0.007		
9000	0.006		
9900	0.005		
10800	0.004		
11700	0.004		
12600	0.006		
13500	0.007		
14400	0.007		
15300	0.007		
16200	0.007		
17100	0.008		
18000	0.007		
18900	0.009		
19800	0.008		
20700	0.008		
21600	0.008		
22500	0.008		
23400	0.007		
24300	0.008		
25200	0.008		

Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530143206
Firmware Version	3
Calibration Date	8/5/2014
Test Name	UTC WEST_001
Test Start Time	8:22:29 AM
Test Start Date	11/10/2014
Test Length [D:H:M]	0:10:05
Test Interval [M:S]	15:00
Mass Average [mg/m3]	0.027
Mass Minimum [mg/m3]	0
Mass Maximum [mg/m3]	0.174
Mass TWA [mg/m3]	0.027
Photometric User Cal	1
Flow User Cal	0
Errors	
Number of Samples	33

Elapsed Time [s]	Mass [mg/m3]	Alarms	Errors
900	0.174	1;2	
1800	0.034		
2700	0.029		
3600	0.032		
4500	0.027		
5400	0.038		
6300	0.044		
7200	0.026		
8100	0.029		
9000	0.026		
9900	0.024		
10800	0.02		
11700	0.02		
12600	0.022		
13500	0.019		
14400	0.017		
15300	0.02		
16200	0.02		
17100	0.018		
18000	0.02		
18900	0.019		
19800	0.018		
20700	0.017		
21600	0.021		
22500	0.02		
23400	0.022		
24300	0.02		
25200	0.019		
26100	0.02		
27000	0.021		
27900	0.021		
28800	0.021		
36320	0		

Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530143206
Firmware Version	3
Calibration Date	8/5/2014
Test Name	UTC WEST_002
Test Start Time	8:00:40 AM
Test Start Date	11/11/2014
Test Length [D:H:M]	0:10:45
Test Interval [M:S]	15:00
Mass Average [mg/m3]	0.021
Mass Minimum [mg/m3]	0.016
Mass Maximum [mg/m3]	0.031
Mass TWA [mg/m3]	0.02
Photometric User Cal	1
Flow User Cal	0
Errors	
Number of Samples	43

Elapsed Time [s]	Mass [mg/m3]	Alarms	Errors
900	0.026		
1800	0.028		
2700	0.027		
3600	0.031		
4500	0.022		
5400	0.024		
6300	0.023		
7200	0.024		
8100	0.02		
9000	0.018		
9900	0.018		
10800	0.017		
11700	0.017		
12600	0.017		
13500	0.017		
14400	0.017		
15300	0.016		
16200	0.016		
17100	0.017		
18000	0.016		
18900	0.016		
19800	0.017		
20700	0.019		
21600	0.018		
22500	0.018		
23400	0.018		
24300	0.018		
25200	0.018		
26100	0.018		
27000	0.019		
27900	0.02		
28800	0.023		
29700	0.022		
30600	0.023		
31500	0.024		
32400	0.023		
33300	0.026		
34200	0.024		
35100	0.025		
36000	0.023		
36900	0.024		
37800	0.026		
38700	0.023		

Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530143206
Firmware Version	3
Calibration Date	8/5/2014
Test Name	UTC WEST_003
Test Start Time	8:45:19 AM
Test Start Date	11/13/2014
Test Length [D:H:M]	0:09:00
Test Interval [M:S]	15:00
Mass Average [mg/m3]	0.021
Mass Minimum [mg/m3]	0.013
Mass Maximum [mg/m3]	0.032
Mass TWA [mg/m3]	0.021
Photometric User Cal	1
Flow User Cal	0
Errors	
Number of Samples	36

Elapsed Time [s]	Mass [mg/m3]	Alarms	Errors
900	0.023		
1800	0.02		
2700	0.018		
3600	0.018		
4500	0.018		
5400	0.017		
6300	0.017		
7200	0.018		
8100	0.019		
9000	0.018		
9900	0.02		
10800	0.018		
11700	0.015		
12600	0.016		
13500	0.013		
14400	0.013		
15300	0.014		
16200	0.015		
17100	0.015		
18000	0.018		
18900	0.019		
19800	0.019		
20700	0.022		
21600	0.023		
22500	0.026		
23400	0.027		
24300	0.029		
25200	0.03		
26100	0.028		
27000	0.031		
27900	0.031		
28800	0.029		
29700	0.024		
30600	0.028		
31500	0.032		
32400	0.029		

Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530143206
Firmware Version	3
Calibration Date	8/5/2014
Test Name	UTC WEST_004
Test Start Time	8:00:23 AM
Test Start Date	11/14/2014
Test Length [D:H:M]	0:05:15
Test Interval [M:S]	15:00
Mass Average [mg/m3]	0.015
Mass Minimum [mg/m3]	0.01
Mass Maximum [mg/m3]	0.039
Mass TWA [mg/m3]	0.01
Photometric User Cal	1
Flow User Cal	0
Errors	
Number of Samples	21

Elapsed Time [s]	Mass [mg/m3]	Alarms	Errors
900	0.039		
1800	0.021		
2700	0.021		
3600	0.017		
4500	0.016		
5400	0.015		
6300	0.014		
7200	0.014		
8100	0.013		
9000	0.013		
9900	0.012		
10800	0.011		
11700	0.01		
12600	0.01		
13500	0.01		
14400	0.01		
15300	0.01		
16200	0.013		
17100	0.016		
18000	0.019		
18900	0.02		

Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530143206
Firmware Version	3
Calibration Date	8/5/2014
Test Name	UTC WEST_001
Test Start Time	8:25:17 AM
Test Start Date	11/18/2014
Test Length [D:H:M]	0:09:30
Test Interval [M:S]	15:00
Mass Average [mg/m3]	0.018
Mass Minimum [mg/m3]	0.013
Mass Maximum [mg/m3]	0.023
Mass TWA [mg/m3]	0.018
Photometric User Cal	1
Flow User Cal	0
Errors	
Number of Samples	38

Elapsed Time [s]	Mass [mg/m3]	Alarms	Errors
900	0.021		
1800	0.023		
2700	0.022		
3600	0.023		
4500	0.022		
5400	0.021		
6300	0.02		
7200	0.021		
8100	0.021		
9000	0.02		
9900	0.018		
10800	0.018		
11700	0.018		
12600	0.018		
13500	0.018		
14400	0.018		
15300	0.018		
16200	0.017		
17100	0.018		
18000	0.017		
18900	0.017		
19800	0.017		
20700	0.017		
21600	0.014		
22500	0.015		
23400	0.014		
24300	0.013		
25200	0.014		
26100	0.014		
27000	0.016		
27900	0.017		
28800	0.017		
29700	0.016		
30600	0.017		
31500	0.019		
32400	0.02		
33300	0.02		
34200	0.019		

Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530143206
Firmware Version	3
Calibration Date	8/5/2014
Test Name	UTC WEST_002
Test Start Time	7:58:48 AM
Test Start Date	11/19/2014
Test Length [D:H:M]	0:10:45
Test Interval [M:S]	15:00
Mass Average [mg/m3]	0.022
Mass Minimum [mg/m3]	0.017
Mass Maximum [mg/m3]	0.027
Mass TWA [mg/m3]	0.022
Photometric User Cal	1
Flow User Cal	0
Errors	
Number of Samples	43

Elapsed Time [s]	Mass [mg/m3]	Alarms	Errors
900	0.027		
1800	0.021		
2700	0.024		
3600	0.025		
4500	0.025		
5400	0.025		
6300	0.025		
7200	0.026		
8100	0.026		
9000	0.025		
9900	0.025		
10800	0.025		
11700	0.027		
12600	0.025		
13500	0.024		
14400	0.024		
15300	0.025		
16200	0.022		
17100	0.021		
18000	0.02		
18900	0.019		
19800	0.018		
20700	0.018		
21600	0.019		
22500	0.019		
23400	0.019		
24300	0.018		
25200	0.017		
26100	0.018		
27000	0.019		
27900	0.019		
28800	0.02		
29700	0.021		
30600	0.023		
31500	0.023		
32400	0.023		
33300	0.021		
34200	0.023		
35100	0.023		
36000	0.025		
36900	0.021		
37800	0.021		
38700	0.021		

Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530143206
Firmware Version	3
Calibration Date	8/5/2014
Test Name	UTC WEST_001
Test Start Time	9:12:59 AM
Test Start Date	11/24/2014
Test Length [D:H:M]	0:08:15
Test Interval [M:S]	15:00
Mass Average [mg/m3]	0.003
Mass Minimum [mg/m3]	0
Mass Maximum [mg/m3]	0.006
Mass TWA [mg/m3]	0.002
Photometric User Cal	1
Flow User Cal	0
Errors	
Number of Samples	33

Elapsed Time [s]	Mass [mg/m3]	Alarms	Errors
900	0.002		
1800	0.001		
2700	0		
3600	0		
4500	0		
5400	0		
6300	0		
7200	0		
8100	0		
9000	0		
9900	0		
10800	0		
11700	0		
12600	0.001		
13500	0.002		
14400	0.002		
15300	0.003		
16200	0.003		
17100	0.003		
18000	0.004		
18900	0.004		
19800	0.004		
20700	0.004		
21600	0.005		
22500	0.004		
23400	0.004		
24300	0.004		
25200	0.005		
26100	0.006		
27000	0.006		
27900	0.006		
28800	0.006		
29700	0.006		

Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530143206
Firmware Version	3
Calibration Date	8/5/2014
Test Name	UTC WEST_002
Test Start Time	8:36:23 AM
Test Start Date	11/25/2014
Test Length [D:H:M]	0:07:23
Test Interval [M:S]	15:00
Mass Average [mg/m3]	0.028
Mass Minimum [mg/m3]	0
Mass Maximum [mg/m3]	0.04
Mass TWA [mg/m3]	0.026
Photometric User Cal	1
Flow User Cal	0
Errors	
Number of Samples	24

Elapsed Time [s]	Mass [mg/m3]	Alarms	Errors
900	0.035		
1800	0.035		
2700	0.03		
3600	0.04		
4500	0.028		
5400	0.026		
6300	0.027		
7200	0.028		
8100	0.028		
9000	0.028		
9900	0.028		
10800	0.028		
11700	0.028		
12600	0.029		
13500	0.029		
14400	0.029		
15300	0.028		
16200	0.028		
17100	0.028		
18000	0.028		
18900	0.029		
19800	0.028		
20700	0.028		
26638	0		

Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530143206
Firmware Version	3
Calibration Date	8/5/2014
Test Name	UTC WEST_001
Test Start Time	9:44:04 AM
Test Start Date	12/2/2014
Test Length [D:H:M]	0:07:30
Test Interval [M:S]	15:00
Mass Average [mg/m3]	0.013
Mass Minimum [mg/m3]	0.009
Mass Maximum [mg/m3]	0.026
Mass TWA [mg/m3]	0.012
Photometric User Cal	1
Flow User Cal	0
Errors	
Number of Samples	30

Elapsed Time [s]	Mass [mg/m3]	Alarms	Errors
900	0.012		
1800	0.01		
2700	0.014		
3600	0.017		
4500	0.012		
5400	0.015		
6300	0.011		
7200	0.01		
8100	0.011		
9000	0.013		
9900	0.011		
10800	0.01		
11700	0.011		
12600	0.011		
13500	0.009		
14400	0.012		
15300	0.015		
16200	0.012		
17100	0.013		
18000	0.011		
18900	0.011		
19800	0.013		
20700	0.012		
21600	0.012		
22500	0.015		
23400	0.013		
24300	0.018		
25200	0.015		
26100	0.018		
27000	0.026		

Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530143206
Firmware Version	3
Calibration Date	8/5/2014
Test Name	UTC WEST_002
Test Start Time	9:43:12 AM
Test Start Date	12/3/2014
Test Length [D:H:M]	0:07:15
Test Interval [M:S]	15:00
Mass Average [mg/m3]	0.021
Mass Minimum [mg/m3]	0.014
Mass Maximum [mg/m3]	0.033
Mass TWA [mg/m3]	0.019
Photometric User Cal	1
Flow User Cal	0
Errors	
Number of Samples	29

Elapsed Time [s]	Mass [mg/m3]	Alarms	Errors
900	0.014		
1800	0.015		
2700	0.016		
3600	0.018		
4500	0.019		
5400	0.026		
6300	0.024		
7200	0.033		
8100	0.031		
9000	0.031		
9900	0.033		
10800	0.033		
11700	0.031		
12600	0.018		
13500	0.018		
14400	0.017		
15300	0.017		
16200	0.017		
17100	0.017		
18000	0.02		
18900	0.02		
19800	0.02		
20700	0.019		
21600	0.019		
22500	0.018		
23400	0.017		
24300	0.016		
25200	0.015		
26100	0.015		

Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530143206
Firmware Version	3
Calibration Date	8/5/2014
Test Name	UTC WEST_003
Test Start Time	10:59:58 AM
Test Start Date	12/4/2014
Test Length [D:H:M]	0:05:45
Test Interval [M:S]	15:00
Mass Average [mg/m3]	0.008
Mass Minimum [mg/m3]	0.002
Mass Maximum [mg/m3]	0.014
Mass TWA [mg/m3]	0.006
Photometric User Cal	1
Flow User Cal	0
Errors	
Number of Samples	23

Elapsed Time [s]	Mass [mg/m3]	Alarms	Errors
900	0.009		
1800	0.006		
2700	0.006		
3600	0.006		
4500	0.007		
5400	0.007		
6300	0.007		
7200	0.006		
8100	0.008		
9000	0.009		
9900	0.01		
10800	0.011		
11700	0.011		
12600	0.011		
13500	0.011		
14400	0.012		
15300	0.013		
16200	0.013		
17100	0.014		
18000	0.006		
18900	0.003		
19800	0.002		
20700	0.002		

Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530143206
Firmware Version	3
Calibration Date	8/5/2014
Test Name	UTC WEST_001
Test Start Time	8:49:00 AM
Test Start Date	12/8/2014
Test Length [D:H:M]	0:09:00
Test Interval [M:S]	15:00
Mass Average [mg/m3]	0.013
Mass Minimum [mg/m3]	0.008
Mass Maximum [mg/m3]	0.022
Mass TWA [mg/m3]	0.013
Photometric User Cal	1
Flow User Cal	0
Errors	
Number of Samples	36

Elapsed Time [s]	Mass [mg/m3]	Alarms	Errors
900	0.022		
1800	0.02		
2700	0.018		
3600	0.018		
4500	0.017		
5400	0.017		
6300	0.016		
7200	0.015		
8100	0.015		
9000	0.015		
9900	0.014		
10800	0.014		
11700	0.014		
12600	0.015		
13500	0.014		
14400	0.014		
15300	0.009		
16200	0.009		
17100	0.009		
18000	0.01		
18900	0.01		
19800	0.009		
20700	0.011		
21600	0.009		
22500	0.008		
23400	0.008		
24300	0.008		
25200	0.008		
26100	0.008		
27000	0.009		
27900	0.01		
28800	0.014		
29700	0.013		
30600	0.015		
31500	0.016		
32400	0.014		

Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530143206
Firmware Version	3
Calibration Date	8/5/2014
Test Name	UTC WEST_002
Test Start Time	8:51:46 AM
Test Start Date	12/9/2014
Test Length [D:H:M]	0:08:00
Test Interval [M:S]	15:00
Mass Average [mg/m3]	0.023
Mass Minimum [mg/m3]	0.011
Mass Maximum [mg/m3]	0.041
Mass TWA [mg/m3]	0.023
Photometric User Cal	1
Flow User Cal	0
Errors	
Number of Samples	32

Elapsed Time [s]	Mass [mg/m3]	Alarms	Errors
900	0.041		
1800	0.036		
2700	0.036		
3600	0.04		
4500	0.038		
5400	0.039		
6300	0.038		
7200	0.031		
8100	0.032		
9000	0.028		
9900	0.029		
10800	0.024		
11700	0.023		
12600	0.022		
13500	0.021		
14400	0.021		
15300	0.02		
16200	0.018		
17100	0.017		
18000	0.016		
18900	0.015		
19800	0.012		
20700	0.011		
21600	0.011		
22500	0.012		
23400	0.012		
24300	0.014		
25200	0.016		
26100	0.017		
27000	0.018		
27900	0.019		
28800	0.02		

Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530143206
Firmware Version	3
Calibration Date	8/5/2014
Test Name	UTC WEST_003
Test Start Time	8:43:09 AM
Test Start Date	12/12/2014
Test Length [D:H:M]	0:05:45
Test Interval [M:S]	15:00
Mass Average [mg/m3]	0.014
Mass Minimum [mg/m3]	0.01
Mass Maximum [mg/m3]	0.022
Mass TWA [mg/m3]	0.01
Photometric User Cal	1
Flow User Cal	0
Errors	
Number of Samples	23

Elapsed Time [s]	Mass [mg/m3]	Alarms	Errors
900	0.022		
1800	0.014		
2700	0.016		
3600	0.022		
4500	0.018		
5400	0.012		
6300	0.015		
7200	0.014		
8100	0.01		
9000	0.01		
9900	0.01		
10800	0.01		
11700	0.01		
12600	0.01		
13500	0.01		
14400	0.012		
15300	0.012		
16200	0.014		
17100	0.017		
18000	0.015		
18900	0.018		
19800	0.012		
20700	0.011		

WORK ZONE PHOTOIONIZATION DETECTOR MONITORING RESULTS

UTC Debris Pile - Work Zone PID Monitoring Results			
Date:	Time:	Area:	Reading (ppm):
8/25/2014	10:05	Southwest, near excavator	0.0
8/26/2014	11:15	Southwest, near excavator	0.0
8/27/2014	5:16	Southwest, near excavator	0.0
8/28/2014	9:37	Southwest, near excavator	0.0
8/29/2014	10:05	Southwest, near excavator	0.0
8/30/2014			
8/31/2014			
9/1/2014			
9/2/2014	8:18	Southwest, near excavator	0.0
9/3/2014	9:23	Southwest, near excavator	0.0
9/4/2014	13:55	Southwest, near excavator	0.0
9/5/2014	12:00	Southwest, near excavator	0.0
9/6/2014			
9/7/2014			
9/8/2014	15:30	Center	0.0
9/9/2014	14:00	Center	0.0
9/10/2014	7:25	South Side near excavator	0.0
9/11/2014	12:01	South Side near excavator	0.0
9/12/2014	9:13	South Side near excavator	0.0
9/13/2014			
9/14/2014			
9/15/2014	12:15	Center	0.0
9/16/2014	9:30	Center	0.0
9/17/2014	12:05	Center	0.0
9/18/2014	13:30	Center	0.0
9/19/2014	9:00	Center	0.0
9/20/2014			
9/21/2014			
9/22/2014	8:30	Center	0.0
9/23/2014	14:00	Center	0.0
9/24/2014	15:45	Center	0.0
9/25/2014	11:30	Center	0.0
9/26/2014	10:05	Center	0.0
9/27/2014			
9/28/2014			
9/29/2014	14:50	Center	0.0
9/30/2014	12:37	Center	0.0
10/1/2014	8:51	Center	0.0
10/2/2014	11:17	Center	0.0
10/3/2014	13:22	Center	0.0
10/4/2014			
10/5/2014			
10/6/2014	8:54	Center	0.0
10/7/2014	16:20	Center	0.0
10/8/2014	15:33	Center	0.0

UTC Debris Pile - Work Zone PID Monitoring Results			
Date:	Time:	Area:	Reading (ppm):
10/9/2014	11:15	Center	0.0
10/10/2014	9:00	Center	0.0
10/11/2014			
10/12/2014			
10/13/2014	10:53	Center	0.0
10/14/2014	14:00	Center	0.0
10/15/2014	9:11	Center	0.0
10/16/2014	9:23	Center	0.0
10/17/2014	12:59	Center	0.0
10/18/2014			
10/19/2014			
10/20/2014	9:53	Center	0.0
10/21/2014	8:15	Center	0.0
10/22/2014	7:35	Center	0.0
10/23/2014	8:15	Center	0.0
10/24/2014	15:00	Center	0.0
10/25/2014			
10/26/2014			
10/27/2014	9:25	Center	0.0
10/28/2014	9:05	Center	0.0
10/29/2014	12:28	Center	0.0
10/30/2014	9:23	Center	0.0
10/31/2014	12:05	Center	0.0
11/1/2014			
11/2/2014			
11/3/2014	9:00	Center	0.0
11/4/2014	10:06	Center	0.0
11/5/2014	11:12	Center	0.0
11/6/2014	13:22	Center	0.0
11/7/2014	9:13	Center	0.0
11/8/2014			
11/9/2014			
11/10/2014	8:42	Center	0.0
11/11/2014	15:05	Center	0.0
11/12/2014	11:24	Center	0.0
11/13/2014	10:22	Center	0.0
11/14/2014	9:27	Center	0.0
11/15/2014			
11/16/2014			
11/17/2014	7:19	Center	0.0
11/18/2014	10:43	Center	0.0
11/19/2014	11:15	Center	0.0
11/20/2014	16:28	Center	0.0
11/21/2014	11:32	Center	0.0
11/22/2014			

UTC Debris Pile - Work Zone PID Monitoring Results			
Date:	Time:	Area:	Reading (ppm):
11/23/2014			
11/24/2014	9:46	Center	0.0
11/25/2014			
11/26/2014			
11/27/2014			
11/28/2014			
11/29/2014			
11/30/2014			
12/1/2014			
12/2/2014	13:52	Center	0.0
12/3/2014	9:35	Center	0.0
12/4/2014			
12/5/2014			
12/6/2014			
12/7/2014			
12/8/2014	11:14	Center	0.0
12/9/2014	13:56	Center	0.0
12/10/2014	10:15	Center	0.0
12/11/2014	8:30	Center	0.0
12/12/2014	8:55	Center	0.0
12/13/2014			
12/14/2014			
12/15/2014	10:58	Center	0.0
12/16/2014	13:26	Center	0.0
12/17/2014	12:53	Center	0.0
12/18/2014	11:05	Center	0.0
12/19/2014			

Notes:

PID = Photoionization Detector

ppm = parts per million