ENVIRONMENTAL AIR AND VAPOR ASSESSMENT

BURTONSVILLE ELEMENTARY SCHOOL
14709 SADDLE CREEK DRIVE
BURTONSVILLE, MARYLAND 20866

ECS PROJECT NO. 47:18315-B

FOR

MTFA ARCHITECTURE, INC.

AUGUST 26, 2024

August 26, 2024

Ms. Meagan W. Jancy, AIA, LEED AP
MTFA Architecture, Inc.
3200 Langston Boulevard
Arlington, Virginia 22207

ECS Project No. 47:18315-B

Reference: Environmental Ambient Air and Vapor Assessment
Saddle Creek Drive Property
14709 Saddle Creek Drive
Burtonsville, Maryland 20866

Dear Ms. Jancy:

Pursuant to your request, ECS Mid-Atlantic, LLC (ECS) is pleased to provide you with the results of our environmental subsurface vapor assessment performed at the above-referenced property (Figure 1). Our services were provided in accordance with ECS Proposal No. 47:33890-EPR1, dated June 11, 2024.

BACKGROUND

ECS previously completed a Phase I Environmental Site Assessment (ESA) for the subject property dated February 20, 2024 (ECS Project Number 47:18315). At the time of the report's completion, the 10.95-acre subject property consisted of undeveloped land, including a graded field and an area of wooded land at the southeastern corner of the site. The assessment identified the following recognized environmental condition (REC) in connection with the subject property:

- The subject property was depicted as a portion of a sand and gravel pit from as early as 1963 through at least 1989. By 2007, the subject property was depicted as having been reforested. Several mounds and/or suspected filled areas were observed at the southeastern, wooded portion of the subject property during site reconnaissance, which appeared to consist of sand, gravel, asphalt, and rock. No documentation was available regarding the source of fill material associated with the surface mine's reclamation. The potential use of impacted soils for fill material was considered to represent a REC of the subject property.

ECS completed an Environmental Subsurface Evaluation of the subject property, dated May 14, 2024 (ECS Project Number 47:18315-A). Concentrations of contaminants of potential concern (COPCs) did not exceed applicable Maryland Department of the Environment (MDE) residential or non-residential cleanup criteria in any of the soil, subsurface water, or soil vapor samples collected at the subject property, except for the following: concentrations of Hexavalent Chromium exceeded the MDE Cleanup Standard for Residential Use in soil

samples collected from the wooded portion of the site at depths of approximately 5 to 15 feet below ground surface (bgs) and concentrations of 1,4-Dichlorobenzene exceeded the MDE Tier 1 Residential Screening Level in two soil vapor samples collected from the subject property. It is noted that a minimum of 5 feet of unimpacted soil is currently located above the operational units that had elevated concentrations of Hexavalent Chromium. Based on sample results, ECS recommended that additional vapor sampling be performed within the footprint of the proposed structure.

Additionally, the client received an inquiry from a neighbor of the site stating a concern that wind-borne contaminants from the nearby Unity Recycling and Disposable dump located approximately 0.25 miles from the school may reach the proposed school and outside playgrounds.

Based on our previous findings and input from the client, ECS proposed to perform the following scope of work to assess the above-referenced concerns.

SCOPE OF WORK

Soil Vapor Evaluation

In an effort to further evaluate the soil vapor at the site, ECS installed eight (8) temporary soil vapor points within the footprint of the proposed school building. The soil vapor sample points were installed by driving a Geoprobe™ point to a depth of approximately 5 feet bgs. The soil vapor points were constructed of stainless-steel vapor implants and Teflon tubing. Approximately one foot of filter sand was placed at the base of the borehole and topped with hydrated bentonite to the ground surface to isolate the sampling interval. The soil vapor points were allowed to stabilize for approximately 24 hours.

After the installation of the vapor points, approximately three volumes of air from the points was purged via pumping using a photoionization detector (PID). After purging, ECS collected a soil gas sample from each sample point location. ECS obtained sampling equipment from an independent laboratory that is National Environmental Laboratories Accreditation Program (NELAP) accredited. Each canister was pre-cleaned and pre-evacuated so that it was under negative (i.e., under vacuum) pressure. ECS opened the valve on the Summa canister using the regulator provided and soil gas flowed into the canister. ECS noted the time the regulator valve was opened and the initial canister vacuum. The soil vapor samples were collected into 1.4-liter Summa canisters equipped with calibrated flow controllers over an approximately 4-hour period.

Following sample collection, the canisters were labeled and maintained under chain-of-custody until delivered to an independent laboratory. Appropriate chain-of-custody procedures were utilized to track the samples from collection to final disposition. The samples were analyzed for targeted volatile organic compounds (VOCs) using EPA Method TO-15.

Silica Exposure Screening

In an effort to evaluate the potential for silica to reach the subject site from the offsite recycling and disposal center, ECS conducted silica monitoring at two (2) locations at the subject property. The samples were positively biased toward areas with the highest likelihood of silica contamination from the recycling and disposal center. ECS used calibrated low-flow sampling

pumps with Parallel Particle Impactor (PPI) samplers, including a 37-mm diameter polyvinyl chloride (PVC) filter with 5 micrometer (µm) pore size contained in a conductive ABS plastic cassette. ECS calibrated the pump before the sampling using a rotameter. The flow rate of the sampling pump was reevaluated at the end of the event to ensure proper sampling volume.

The samples were analyzed for silica asQuartz, Cristobalite, and Trydimite as respirable dust via NIOSH method 7500. The results were compared to the OSHA permissible exposure limit (PEL) and Action Level (AL).

Nuisance Dust Screening

In addition to silica dust sampling, ECS evaluated nuisance dust at the site during the normal operating hours of a nearby materials recycling facility. In general, concentrations of airborne hazards decrease as a function of distance the further from where the hazard source is being generated. The current standards, which are applicable to personal exposure, were created by the Occupational Safety and Health Administration (OSHA) and are designed to protect people who are exposed to these hazards on a daily basis over the course of their careers.

ECS performed one (1) nuisance dust monitoring event in order to establish dust exposure levels in ambient conditions and exposure levels during a typical day at the site. ECS collected readings from four (4) locations at the subject property over an approximately 8-hour period using monitors that measure particulate matter concentrations.

Dusts are solid particles that range in size from 100 micrometers (µm) to less than 1 µm. Health hazards associated with dusts are related to particle size and location of deposition. Dust particle size is related to the amount of energy involved in the particle's creation. Dusts can be separated into two groups: respirable and non-respirable. Respirable dust is defined as the fraction of total dust with a 50% cut-point of 4 microns mean aerodynamic diameter, which generally equates to particulates less than 10 microns. Non-respirable dust is comprised of dust larger than the respirable fraction.

OSHA has set a Permissible Exposure Limit (PEL) for total dust at 15 milligrams per cubic meter of air (15 mg/m^3), as an 8-hour Time-Weighted Average (TWA) for workers. A PEL is a regulatory limit on the airborne concentration of a substance. OSHA has also set a PEL for respirable dust at 5 milligrams per cubic meter of air (5 mg/m^3) as an 8-hour TWA for workers. It is important to note that ambient pollutant levels can be highly variable across the site due to a wide range of physical and environmental factors. The data collected in this study should be interpreted with the understanding that the individual sample location areas are not necessarily a representation of the site as a whole. ECS cannot guarantee the data will provide information with respect to pollutant levels across the site in the future. The data can provide a representation of the particulate levels and silica levels, for the period of the time for this study, at the sample locations only.

RESULTS

Soil Vapor Evaluation Results

On July 30, 2024, ECS collected eight (8) soil vapor samples at the subject property. ECS compared the vapor sample results to the applicable MDE Tier 1 and Tier 2 Residential and Commercial Screening Levels. Based upon the laboratory analytical results, concentrations

of VOCs did not exceed Maryland Department of the Environment (MDE) screening levels in any of the soil vapor samples collected onsite, except for the following:

- Concentrations of Chloroform exceeded the MDE Tier 1 Residential Screening Level of 22 micrograms per cubic meter (µg/m^3) in soil vapor samples NES 0730-01 (65 µg/m^3), NES 0730-03 (110 µg/m^3), and NES 0730-04 (73 µg/m^3).
- A concentration of Chloroform exceeded the MDE Tier 2 Residential Screening Level of 110 µg/m^3 in soil vapor sample NES 0730-02 (123 µg/m^3).
- A concentration of 1,4-Dichlorobenzene exceeded the MDE Tier 1 Residential Screening Level of 46 µg/m^3 in soil vapor sample NES 0730-05 (52.2 µg/m^3).

The results of the soil vapor sample laboratory analysis are included in Attachment A and summarized in Table 1.

Silica Exposure Screening Results

On July 30, 2024, ECS performed ambient air monitoring for respirable crystalline silica to evaluate potential airborne particulates near the proposed school building.

The exposure monitoring data for respirable crystalline silica is provided in the table below. The laboratory results and associated chain of custody are provided in Attachment A.

Laboratory Results

Sample ID	Respirable Dust Concentration (µg/m^3)	Alpha-Quartz (µg/m^3)	Cristobalite and Tridymite (µg/m^3)
NES0730-01	< 0.052	< 5.2	Cristobalite: <10 Tridymite: <10
NES0730-02	< 0.052	< 5.2	Cristobalite: <10 Tridymite: <10

OSHA Permissible Exposure Limit (PEL) = 50 µg/m^3 as an 8-hour time-weighted average (TWA)
OSHA Action Level (AL) = 25 µg/m^3 as an 8-hour time-weighted average

No detectable levels of silica or respirable dust were reported on the collected samples. The laboratory results indicate that the exposure to respirable crystalline silica in the vicinity of the proposed building is below the permissible exposure limit set by the Occupational Safety and Health Administration (OSHA) as an 8-hour time-weighted average concentration and the action level.

Nuisance Dust Screening Results

On July 30, 2024, ECS conducted dust monitoring at the subject property using TSI DustTrak DRX model 8533 monitors. Readings were collected every 30 seconds over an 8-hour period.

The TSI 8533 monitor utilizes light-scattering laser photometry (nephelometry) to provide near real-time aerosol mass concentrations. The instrument uses a sheath air system to isolate the sample in the optic chamber to help keep the optics clean for reliable, low-maintenance

operation. The instrument provides simultaneous measurement of ultrafine, PM2.5, PM10, respirable, and total size fractions. The range of operation is 0.001 to 150 milligrams per cubic meter (mg/m^3). The resolution is 0.001 mg/m^3 (1 $\mu g/m^3$) or 0.1% of the reading, whichever is greater. The instrument uses an internal pump to draw the sample at flow rates up to 3.0 liters per minute (LPM). Average nuisance dust results for each monitor are provided in the table below.

Laboratory Results and Calculated 8-Hour Time-Weighted Averages

Dust Monitor ID	Total Maximum Concentration ($\mu g/m^3$)	Total 8-Hour Time-Weighted Average ($\mu g/m^3$)
DM-01	0.04	0.022
DM-02	0.03	0.023
DM-03	0.037	0.02
DM-04	0.197	0.024

OSHA also sets the PEL for nuisance dust (as total dust) in the workplace. These limits are based on a worker's 8-hour time-weighted average (TWA) over a workday. For total dust, OSHA's permissible exposure limit (PEL) is an 8-hour TWA at 15 mg/m^3. In general, the collected data was below the OSHA PEL for nuisance dust. The results of the nuisance dust monitoring are included in Attachment B.

CONCLUSIONS

Concentrations of Volatile Organic Compounds (VOCs) did not exceed applicable Maryland Department of the Environment (MDE) Residential or Commercial Screening Levels in any of the soil vapor samples collected at the subject property, with the exception of the Chloroform and 1,4-Dichlorobenzene discussed above.

Based on laboratory results, migration of VOCs from beneath the slab into the proposed building is a concern. ECS recommends installing a sub-slab vapor mitigation system during construction to mitigate the collection of VOCs within the completed building.

Based on air monitoring and laboratory results, nuisance dust and silica exposure levels were below the Occupational Safety and Health Administration’s (OSHA’s) permissible exposure limits (PELs). These results do not appear to present an issue for future occupants of the subject property at this time.

Due to the Hexavalent Chromium detections revealed during the previous assessment, and in accordance with the conclusions of our previous subsurface evaluation for the site, ECS continues to recommend submitting the findings of this report to the MDE for input, as only the MDE can make a reuse or suitability determination once an exceedance of the typical cleanup criteria occurs. ECS also recommends the submittal of this report to the MDE if the

soil at a depth of five feet below grade in OU-2 will become exposed or less than 2 feet below surface grade during site development.

LIMITATIONS

The study was conducted in general accordance with industry standards. It should be noted, however, that the samples should be considered isolated data points and do not reflect homogeneous subsurface conditions. While the assessment was conducted to evaluate the presence of subsurface compounds of concern, the purpose of this study did not include determining the complete vertical and/or lateral extent of impacts, if any, at this site. The subsurface sampling points were selected based on the site history, likely areas where subsurface contamination might be present, and/or potential exposure pathways.

The conclusions and/or recommendations presented within this report are based upon a reasonable level of study within normal bounds and standards of professional practice for a site in this particular geographic and geologic setting. The intent of this assessment is to identify the presence of environmental contamination in the subsurface of the site. Observations, conclusions, and/or recommendations pertaining to environmental conditions at the subject site are necessarily limited to conditions observed and/or materials reviewed at the time this study was undertaken.

No warranty, expressed or implied, is made with regard to the conclusions and recommendations presented within this report. This report is provided for the exclusive use of the client and is not intended to be used or relied upon in connection with other projects or by other unidentified third parties. The use of this report by an undesignated third party or parties will be at the sole risk of the third party or parties, and ECS disclaims liability for such third-party use or reliance.

ECS has appreciated the opportunity to work with you on this project. If you have any questions regarding this report or other aspects of the project, please feel free to contact us at (410) 859-4300.

Respectfully submitted,
ECS MID-ATLANTIC, LLC

Nicholas Stella
Environmental Project Manager

Michael M. Bell, CHMM
Environmental Principal

Appendix:

Figure 1……. Site Location Map
Figure 2……. Sample Locations Map
Table 1..……..... Soil Vapor Sample Analytical Results
Attachment A……Laboratory Results
Attachment B……Dust Monitoring Results

Figures

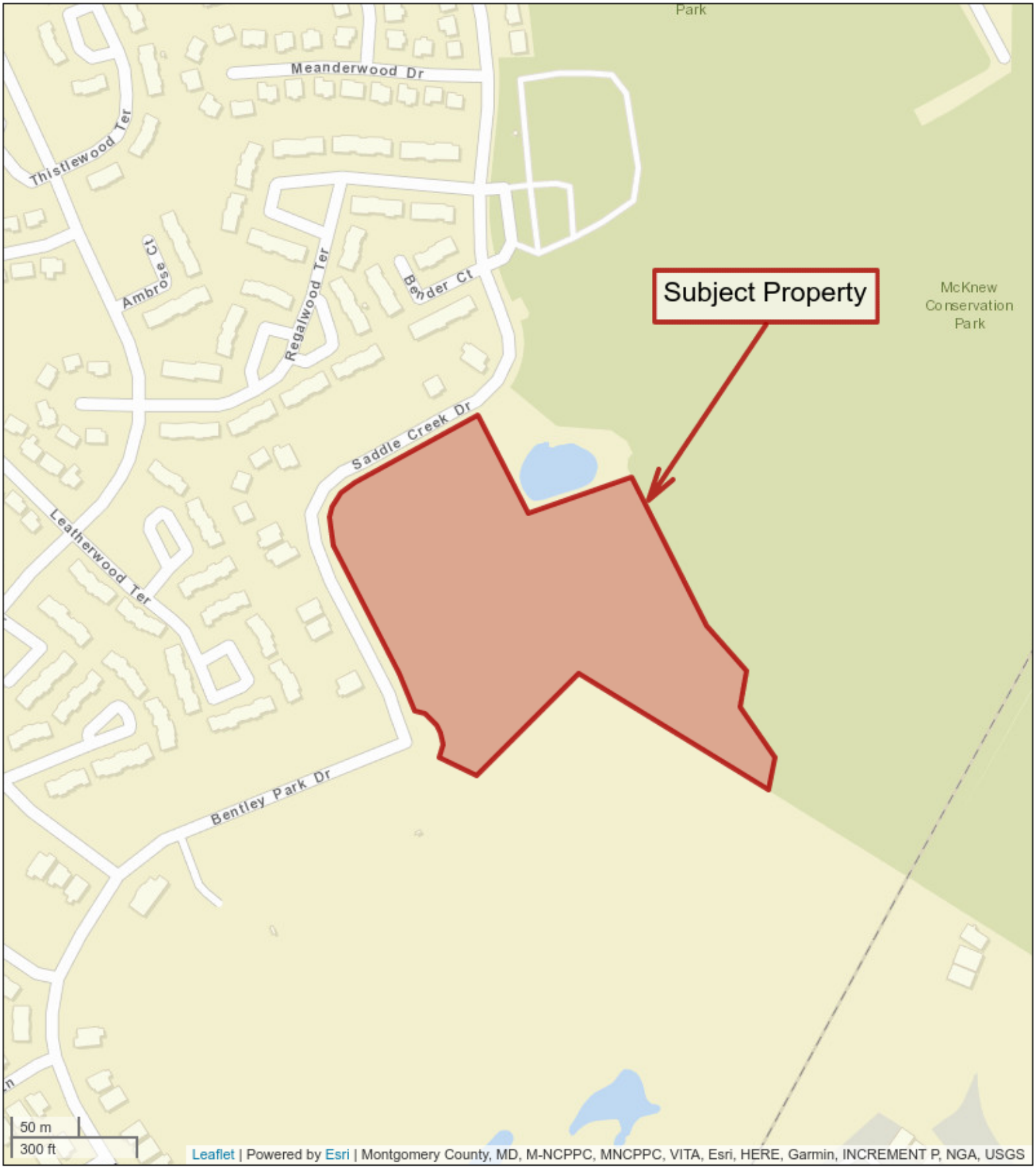
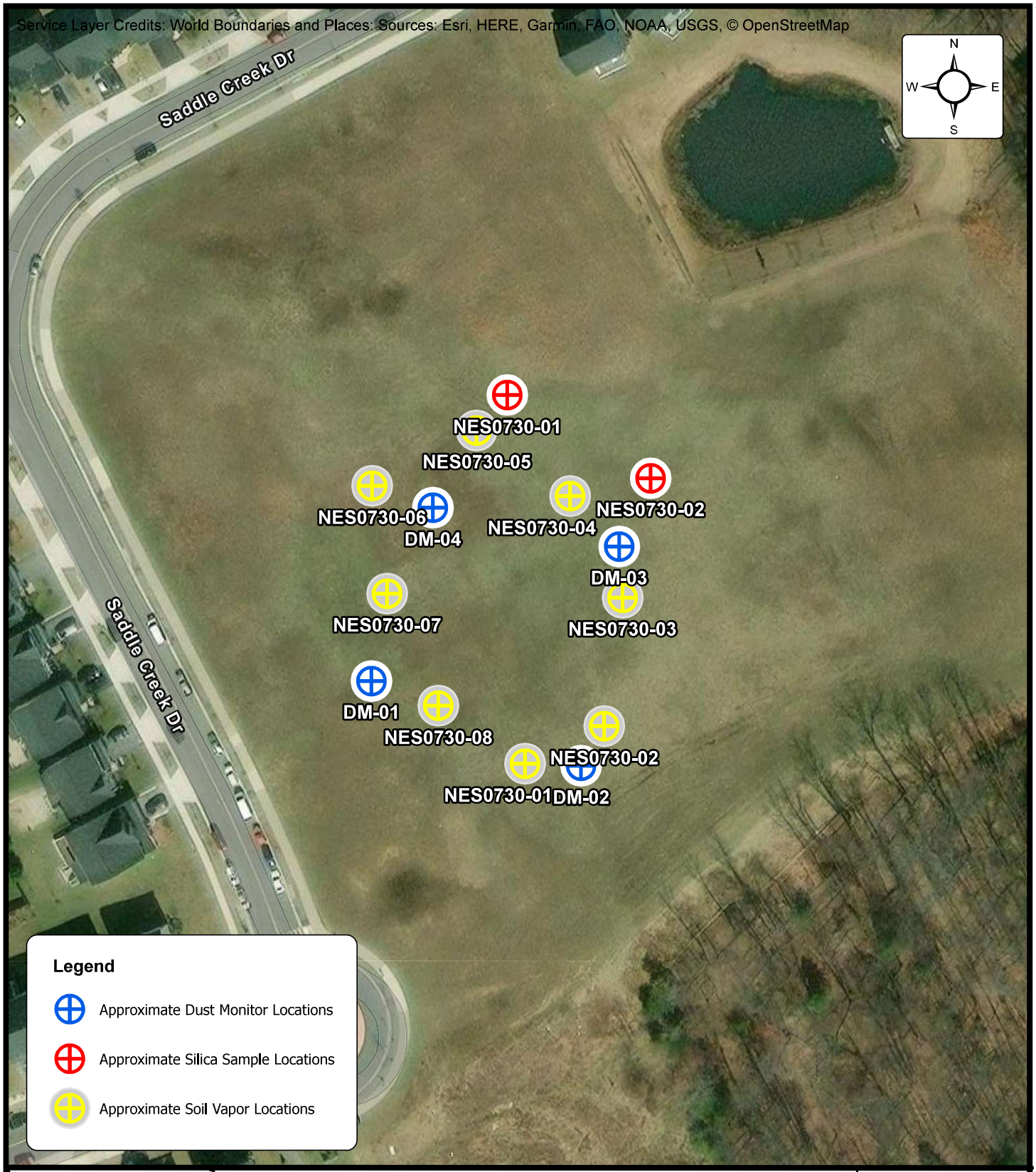


Figure 1

Site Location Map
Saddle Creek Drive Property
14709 Saddle Creek Drive
Burtonsville, Maryland 20866



Sample Locations Map
Burtonsville Elementary School - Add.

14709 Saddle Creek Drive, Burtonsville, Maryland

MTFA Architecture, Inc.

ENGINEER	NStel
SCALE	1" = 100'
PROJECT NO.	47:18315-B
SHEET	
DATE	8/26/2024

Tables

Table 1

Soil Vapor Sample Analytical Results

Sample ID Date Collected Approximate Depth (Feet)	NES 0730-01 30-Jul-24 5	NES 0730-02 30-Jul-24 5	NES 0730-03 30-Jul-24 5	NES 0730-04 30-Jul-24 5	NES 0730-05 30-Jul-24 5	NES 0730-06 30-Jul-24 5	NES 0730-07 30-Jul-24 5	NES 0730-08 30-Jul-24 5	MDE Tier 1 Residential Soil Vapor Screening Level (µg/m^3)	MDE Tier 2 Residential Soil Vapor Screening Level (µg/m^3)	MDE Tier 1 Non-Residential Soil Vapor Screening Level (µg/m^3)
Volatile Organics by EPA TO-15 (µg/m^3)											
Acetone	18.7	19.1	66.7	22	ND (9.60)	ND (9.60)	15.7	12.7	660,000	3,300,000	13,700,000
Benzene	9.58	10.4	10.9	5.62	13.7	10.4	3.45	4.09	64	320	1,600
Bromodichloromethane	ND (1.30)	ND (1.30)	4.56	ND (1.30)	ND (1.30)	ND (1.30)	ND (1.30)	ND (1.30)	13.2	66	332
Carbon Disulfide	11.6	29.9	22	19.8	152	33.6	16.8	73.1	14,600	73,000	310,000
Chloroform	**65**	**123**	**110**	**73**	3.12	3.52	0.98	ND (0.97)	22	110	540
Chloromethane	ND (0.41)	ND (0.41)	ND (0.41)	ND (0.41)	0.66	ND (0.41)	ND (0.41)	ND (0.41)	1,880	9,400	40,000
Cyclohexane	2.07	1.51	ND (0.69)	ND (0.69)	2.62	2.48	1.65	ND (0.69)	126,000	630,000	2,650,000
1,4-Dichlorobenzene	ND (1.20)	ND (1.20)	ND (1.20)	45.9	**52.2**	39.2	36.1	41.1	46	230	1,120
Cis-1,2-Dichloroethene	ND (0.79)	ND (0.79)	ND (0.79)	ND (0.79)	ND (0.79)	0.79	ND (0.79)	ND (0.79)	740	3,700	15,400
Ethylbenzene	5.21	3.82	3.65	2.26	9.9	7.82	3.47	2.08	200	1,000	5,000
4-Ethyltoluene	1.57	1.18	1.38	ND (0.98)	3.74	4.13	1.57	1.18	NP	NP	NP
N-Heptane	45.4	22.1	7.54	9.51	57.2	66.6	17.2	7.21	8,400	42,000	176,000
Hexane	93.8	58.5	ND (56.0)	ND (56.0)	107	135	ND (56.0)	ND (56.0)	14,600	73,000	308,000
Methyl Ethyl Ketone (2-Butanone)	2.24	2.12	7.43	3.19	3.54	8.14	2.36	2.36	106,000	530,000	2,200,000
Propene	865	594	211	311	968	1270	274	68.4	64,000	320,000	1,320,000
N-Propylbenzene	ND (1.60)	ND (1.60)	ND (1.60)	ND (1.60)	1.97	2.16	ND (1.60)	ND (1.60)	21,000	105,000	440,000
Styrene	1.36	1.19	1.7	1.19	1.87	2.04	0.85	1.53	21,000	105,000	440,000
Tetrachloroethene	ND (2.80)	ND (2.80)	ND (2.80)	ND (2.80)	4.34	4.07	ND (2.80)	ND (2.80)	840	4,200	18,000
Toluene	26.8	26.2	35.1	21.6	38	27.7	13	11	106,000	530,000	2,200,000
Trichlorofluoromethane (Freon 11)	1.12	1.12	3.6	1.12	2.47	12.6	1.12	1.12	14,600	73,000	310,000
1,2,4-Trimethylbenzene	1.18	0.98	0.98	ND (0.98)	1.57	1.57	1.18	ND (0.98)	1,260	6,300	26,400
O-Xylene	2.78	1.91	2.78	1.91	4.52	4.17	1.91	1.22	2,100	10,500	44,000
M- & P-Xylenes	7.64	5.73	7.3	5.39	12.7	10.3	5.56	3.47	2,100	10,500	44,000

Maryland Department of the Environment Land Restoration Program Vapor Intrusion Guidance Document. Published September 2019.

NP = The MDE has no published standard

ND (#) = Not Detected (Laboratory Detection Limit)

µg/m^3 = Parts per billion (micrograms per cubic meter)

Attachment A

Maryland spectral Services

Analytical Chemistry Services

1500 Caton Center Dr Suite G
Baltimore MD 21227
410-247-7600
www.mdspectral.com
VELAP ID 460040

07 August 2024

Nick Stella
ECS-Baltimore
1340 Charwood Rd, Suite A
Baltimore, MD 21076
RE: ADDITIONAL VAPOR BURTONSVILLE

Enclosed are the results of analyses for samples received by the laboratory on 07/30/24 14:25.

Maryland Spectral Services, Inc. is a TNI 2016 Standard accredited laboratory and as such, all analyses performed at Maryland Spectral Services included in this report are 2016 TNI certified except as indicated at the end of this report. Please visit our website at www.mdspectral.com for a complete listing of our TNI 2016 Standard accreditations.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Rabecka Koons
Quality Assurance Officer

Maryland spectral Services

Analytical Chemistry Services

1500 Caton Center Dr Suite G
Baltimore MD 21227
410-247-7600
www.mdspectral.com

Analytical Results

Project: ADDITIONAL VAPOR BURTONSVILLE

Project Number: 47:XXX
Project Manager: Nick Stella

Reported:
08/07/24 15:06

Client Sample ID	Alternate Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
NES 0730-01		4073020-01	Vapor	07/30/24 13:00	07/30/24 14:25
NES 0730-02		4073020-02	Vapor	07/30/24 13:05	07/30/24 14:25
NES 0730-03		4073020-03	Vapor	07/30/24 13:08	07/30/24 14:25
NES 0730-04		4073020-04	Vapor	07/30/24 13:11	07/30/24 14:25
NES 0730-05		4073020-05	Vapor	07/30/24 13:18	07/30/24 14:25
NES 0730-06		4073020-06	Vapor	07/30/24 13:19	07/30/24 14:25
NES 0730-07		4073020-07	Vapor	07/30/24 13:23	07/30/24 14:25
NES 0730-08		4073020-08	Vapor	07/30/24 13:25	07/30/24 14:25

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Rabecka Koons, Quality Assurance Officer

All analyses performed at Maryland Spectral Services included in the report are TNI certified except as indicated at the end of the report.

Maryland spectral Services

Analytical Chemistry Services

1500 Caton Center Dr Suite G
Baltimore MD 21227
410-247-7600
www.mdspectral.com

Analytical Results

Project: ADDITIONAL VAPOR BURTONSVILLE

Project Number: 47:XXX
Project Manager: Nick Stella

Reported:
08/07/24 15:06

NES 0730-01

4073020-01RE1 (Vapor)
Collected from 07/30/24 08:57 thru 07/30/24 13:00

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
Volatile Organics by EPA TO-15 (GC/MS) Prepared by TO-15 Prep									
Acetone	**18.7**		ug/m³	9.60	9.60	4	08/02/24	08/02/24 13:29	WB
Benzene	**9.58**		ug/m³	2.56	0.64	4	08/02/24	08/02/24 13:29	WB
Benzyl chloride	ND		ug/m³	4.00	1.00	4	08/02/24	08/02/24 13:29	WB
Bromodichloromethane	ND		ug/m³	5.20	1.30	4	08/02/24	08/02/24 13:29	WB
Bromoform	ND		ug/m³	8.40	2.10	4	08/02/24	08/02/24 13:29	WB
Bromomethane	ND		ug/m³	3.12	0.78	4	08/02/24	08/02/24 13:29	WB
1,3-Butadiene	ND		ug/m³	1.76	1.76	4	08/02/24	08/02/24 13:29	WB
Carbon disulfide	**11.6**		ug/m³	6.24	6.24	4	08/02/24	08/02/24 13:29	WB
Carbon tetrachloride	ND		ug/m³	5.20	1.30	4	08/02/24	08/02/24 13:29	WB
Chlorobenzene	ND		ug/m³	3.68	0.92	4	08/02/24	08/02/24 13:29	WB
Chloroethane	ND		ug/m³	2.12	1.06	4	08/02/24	08/02/24 13:29	WB
Chloroform	**65.0**		ug/m³	3.88	0.97	4	08/02/24	08/02/24 13:29	WB
Chloromethane	ND		ug/m³	1.64	0.41	4	08/02/24	08/02/24 13:29	WB
3-Chloropropene	ND		ug/m³	2.52	0.63	4	08/02/24	08/02/24 13:29	WB
Cyclohexane	**2.07**	J	ug/m³	2.76	0.69	4	08/02/24	08/02/24 13:29	WB
Dibromochloromethane	ND		ug/m³	5.20	1.30	4	08/02/24	08/02/24 13:29	WB
1,2-Dibromoethane (EDB)	ND		ug/m³	5.60	1.40	4	08/02/24	08/02/24 13:29	WB
1,2-Dichlorobenzene	ND		ug/m³	4.80	1.20	4	08/02/24	08/02/24 13:29	WB
1,3-Dichlorobenzene	ND		ug/m³	4.80	1.20	4	08/02/24	08/02/24 13:29	WB
1,4-Dichlorobenzene	ND		ug/m³	4.80	1.20	4	08/02/24	08/02/24 13:29	WB
Dichlorodifluoromethane	ND		ug/m³	3.96	3.96	4	08/02/24	08/02/24 13:29	WB
1,1-Dichloroethane	ND		ug/m³	3.24	0.81	4	08/02/24	08/02/24 13:29	WB
1,2-Dichloroethane	ND		ug/m³	3.24	0.81	4	08/02/24	08/02/24 13:29	WB
1,1-Dichloroethene	ND		ug/m³	3.16	0.79	4	08/02/24	08/02/24 13:29	WB
cis-1,2-Dichloroethene	ND		ug/m³	3.16	0.79	4	08/02/24	08/02/24 13:29	WB
trans-1,2-Dichloroethene	ND		ug/m³	3.16	0.79	4	08/02/24	08/02/24 13:29	WB
1,2-Dichloropropane	ND		ug/m³	3.68	0.92	4	08/02/24	08/02/24 13:29	WB
cis-1,3-Dichloropropene	ND		ug/m³	3.64	0.91	4	08/02/24	08/02/24 13:29	WB
trans-1,3-Dichloropropene	ND		ug/m³	3.64	0.91	4	08/02/24	08/02/24 13:29	WB
1,4-Dioxane	ND		ug/m³	2.88	0.72	4	08/02/24	08/02/24 13:29	WB
Ethyl acetate	ND		ug/m³	14.4	14.4	4	08/02/24	08/02/24 13:29	WB
Ethylbenzene	**5.21**		ug/m³	3.48	0.87	4	08/02/24	08/02/24 13:29	WB
4-Ethyltoluene	**1.57**	J	ug/m³	3.92	0.98	4	08/02/24	08/02/24 13:29	WB
Freon 113	ND		ug/m³	6.00	1.50	4	08/02/24	08/02/24 13:29	WB

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Rabecka Koons, Quality Assurance Officer

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410-247-7600
www.mdspectral.com

Analytical Results

Project: ADDITIONAL VAPOR BURTONSVILLE

Project Number: 47:XXX
Project Manager: Nick Stella

Reported:
08/07/24 15:06

NES 0730-01

4073020-01RE1 (Vapor)
Collected from 07/30/24 08:57 thru 07/30/24 13:00

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
Volatile Organics by EPA TO-15 (GC/MS) Prepared by TO-15 Prep (continued)									
Freon 114	ND		ug/m³	5.60	5.60	4	08/02/24	08/02/24 13:29	WB
n-Heptane	**45.4**		ug/m³	3.28	0.82	4	08/02/24	08/02/24 13:29	WB
Hexachlorobutadiene	ND		ug/m³	8.40	8.40	4	08/02/24	08/02/24 13:29	WB
Hexane	**93.8**		ug/m³	56.0	56.0	4	08/02/24	08/02/24 13:29	WB
2-Hexanone	ND		ug/m³	3.28	0.59	4	08/02/24	08/02/24 13:29	WB
Isopropylbenzene (Cumene)	ND		ug/m³	4.40	1.60	4	08/02/24	08/02/24 13:29	WB
Methyl tert-butyl ether (MTBE)	ND		ug/m³	2.88	0.82	4	08/02/24	08/02/24 13:29	WB
Methylene chloride	ND		ug/m³	72.0	72.0	4	08/02/24	08/02/24 13:29	WB
Methyl ethyl ketone (2-Butanone)	**2.24**	J	ug/m³	2.36	1.36	4	08/02/24	08/02/24 13:29	WB
Methyl isobutyl ketone	ND		ug/m³	3.28	3.28	4	08/02/24	08/02/24 13:29	WB
Naphthalene	ND		ug/m³	4.40	2.80	4	08/02/24	08/02/24 13:29	WB
Propene	**865**	E	ug/m³	1.36	1.36	4	08/02/24	08/02/24 13:29	WB
n-Propylbenzene	ND		ug/m³	3.92	1.60	4	08/02/24	08/02/24 13:29	WB
Styrene	**1.36**	J	ug/m³	3.40	0.59	4	08/02/24	08/02/24 13:29	WB
1,1,2,2-Tetrachloroethane	ND		ug/m³	5.60	1.40	4	08/02/24	08/02/24 13:29	WB
Tetrachloroethene	ND		ug/m³	5.60	2.80	4	08/02/24	08/02/24 13:29	WB
Tetrahydrofuran	ND		ug/m³	2.36	0.59	4	08/02/24	08/02/24 13:29	WB
Toluene	**26.8**		ug/m³	3.00	1.40	4	08/02/24	08/02/24 13:29	WB
1,2,4-Trichlorobenzene	ND		ug/m³	6.00	1.50	4	08/02/24	08/02/24 13:29	WB
1,1,1-Trichloroethane	ND		ug/m³	4.40	1.10	4	08/02/24	08/02/24 13:29	WB
1,1,2-Trichloroethane	ND		ug/m³	4.40	1.10	4	08/02/24	08/02/24 13:29	WB
Trichloroethene	ND		ug/m³	4.40	1.10	4	08/02/24	08/02/24 13:29	WB
Trichlorofluoromethane (Freon 11)	**1.12**	J	ug/m³	4.40	1.10	4	08/02/24	08/02/24 13:29	WB
1,2,4-Trimethylbenzene	**1.18**	J	ug/m³	3.92	0.98	4	08/02/24	08/02/24 13:29	WB
1,3,5-Trimethylbenzene	ND		ug/m³	3.92	0.98	4	08/02/24	08/02/24 13:29	WB
2,2,4-Trimethylpentane	ND		ug/m³	3.72	0.93	4	08/02/24	08/02/24 13:29	WB
Vinyl acetate	ND		ug/m³	2.80	2.80	4	08/02/24	08/02/24 13:29	WB
Vinyl bromide	ND		ug/m³	3.48	0.87	4	08/02/24	08/02/24 13:29	WB
Vinyl chloride	ND		ug/m³	2.04	0.51	4	08/02/24	08/02/24 13:29	WB
o-Xylene	**2.78**	J	ug/m³	3.48	0.87	4	08/02/24	08/02/24 13:29	WB
m- & p-Xylenes	**7.64**		ug/m³	6.80	1.70	4	08/02/24	08/02/24 13:29	WB
Surrogate: 4-Bromofluorobenzene			*73-115*	*100 %*		*08/02/24*		*08/02/24 13:29*	

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Maryland spectral Services

Analytical Chemistry Services

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Analytical Results

Project: ADDITIONAL VAPOR BURTONSVILLE

Project Number: 47:XXX
Project Manager: Nick Stella

Reported:
08/07/24 15:06

NES 0730-02

4073020-02RE1 (Vapor)
Collected from 07/30/24 09:08 thru 07/30/24 13:05

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
Volatile Organics by EPA TO-15 (GC/MS) Prepared by TO-15 Prep									
Acetone	**19.1**		ug/m³	9.60	9.60	4	08/02/24	08/02/24 13:58	WB
Benzene	**10.4**		ug/m³	2.56	0.64	4	08/02/24	08/02/24 13:58	WB
Benzyl chloride	ND		ug/m³	4.00	1.00	4	08/02/24	08/02/24 13:58	WB
Bromodichloromethane	ND		ug/m³	5.20	1.30	4	08/02/24	08/02/24 13:58	WB
Bromoform	ND		ug/m³	8.40	2.10	4	08/02/24	08/02/24 13:58	WB
Bromomethane	ND		ug/m³	3.12	0.78	4	08/02/24	08/02/24 13:58	WB
1,3-Butadiene	ND		ug/m³	1.76	1.76	4	08/02/24	08/02/24 13:58	WB
Carbon disulfide	**29.9**		ug/m³	6.24	6.24	4	08/02/24	08/02/24 13:58	WB
Carbon tetrachloride	ND		ug/m³	5.20	1.30	4	08/02/24	08/02/24 13:58	WB
Chlorobenzene	ND		ug/m³	3.68	0.92	4	08/02/24	08/02/24 13:58	WB
Chloroethane	ND		ug/m³	2.12	1.06	4	08/02/24	08/02/24 13:58	WB
Chloroform	**123**		ug/m³	3.88	0.97	4	08/02/24	08/02/24 13:58	WB
Chloromethane	ND		ug/m³	1.64	0.41	4	08/02/24	08/02/24 13:58	WB
3-Chloropropene	ND		ug/m³	2.52	0.63	4	08/02/24	08/02/24 13:58	WB
Cyclohexane	**1.51**	J	ug/m³	2.76	0.69	4	08/02/24	08/02/24 13:58	WB
Dibromochloromethane	ND		ug/m³	5.20	1.30	4	08/02/24	08/02/24 13:58	WB
1,2-Dibromoethane (EDB)	ND		ug/m³	5.60	1.40	4	08/02/24	08/02/24 13:58	WB
1,2-Dichlorobenzene	ND		ug/m³	4.80	1.20	4	08/02/24	08/02/24 13:58	WB
1,3-Dichlorobenzene	ND		ug/m³	4.80	1.20	4	08/02/24	08/02/24 13:58	WB
1,4-Dichlorobenzene	ND		ug/m³	4.80	1.20	4	08/02/24	08/02/24 13:58	WB
Dichlorodifluoromethane	ND		ug/m³	3.96	3.96	4	08/02/24	08/02/24 13:58	WB
1,1-Dichloroethane	ND		ug/m³	3.24	0.81	4	08/02/24	08/02/24 13:58	WB
1,2-Dichloroethane	ND		ug/m³	3.24	0.81	4	08/02/24	08/02/24 13:58	WB
1,1-Dichloroethene	ND		ug/m³	3.16	0.79	4	08/02/24	08/02/24 13:58	WB
cis-1,2-Dichloroethene	ND		ug/m³	3.16	0.79	4	08/02/24	08/02/24 13:58	WB
trans-1,2-Dichloroethene	ND		ug/m³	3.16	0.79	4	08/02/24	08/02/24 13:58	WB
1,2-Dichloropropane	ND		ug/m³	3.68	0.92	4	08/02/24	08/02/24 13:58	WB
cis-1,3-Dichloropropene	ND		ug/m³	3.64	0.91	4	08/02/24	08/02/24 13:58	WB
trans-1,3-Dichloropropene	ND		ug/m³	3.64	0.91	4	08/02/24	08/02/24 13:58	WB
1,4-Dioxane	ND		ug/m³	2.88	0.72	4	08/02/24	08/02/24 13:58	WB
Ethyl acetate	ND		ug/m³	14.4	14.4	4	08/02/24	08/02/24 13:58	WB
Ethylbenzene	**3.82**		ug/m³	3.48	0.87	4	08/02/24	08/02/24 13:58	WB
4-Ethyltoluene	**1.18**	J	ug/m³	3.92	0.98	4	08/02/24	08/02/24 13:58	WB
Freon 113	ND		ug/m³	6.00	1.50	4	08/02/24	08/02/24 13:58	WB

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Analytical Results

Project: ADDITIONAL VAPOR BURTONSVILLE

Project Number: 47:XXX
Project Manager: Nick Stella

Reported:
08/07/24 15:06

NES 0730-02

4073020-02RE1 (Vapor)
Collected from 07/30/24 09:08 thru 07/30/24 13:05

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
Volatile Organics by EPA TO-15 (GC/MS) Prepared by TO-15 Prep (continued)									
Freon 114	ND		ug/m³	5.60	5.60	4	08/02/24	08/02/24 13:58	WB
n-Heptane	**22.1**		ug/m³	3.28	0.82	4	08/02/24	08/02/24 13:58	WB
Hexachlorobutadiene	ND		ug/m³	8.40	8.40	4	08/02/24	08/02/24 13:58	WB
Hexane	**58.5**		ug/m³	56.0	56.0	4	08/02/24	08/02/24 13:58	WB
2-Hexanone	ND		ug/m³	3.28	0.59	4	08/02/24	08/02/24 13:58	WB
Isopropylbenzene (Cumene)	ND		ug/m³	4.40	1.60	4	08/02/24	08/02/24 13:58	WB
Methyl tert-butyl ether (MTBE)	ND		ug/m³	2.88	0.82	4	08/02/24	08/02/24 13:58	WB
Methylene chloride	ND		ug/m³	72.0	72.0	4	08/02/24	08/02/24 13:58	WB
Methyl ethyl ketone (2-Butanone)	**2.12**	J	ug/m³	2.36	1.36	4	08/02/24	08/02/24 13:58	WB
Methyl isobutyl ketone	ND		ug/m³	3.28	3.28	4	08/02/24	08/02/24 13:58	WB
Naphthalene	ND		ug/m³	4.40	2.80	4	08/02/24	08/02/24 13:58	WB
Propene	**594**	E	ug/m³	1.36	1.36	4	08/02/24	08/02/24 13:58	WB
n-Propylbenzene	ND		ug/m³	3.92	1.60	4	08/02/24	08/02/24 13:58	WB
Styrene	**1.19**	J	ug/m³	3.40	0.59	4	08/02/24	08/02/24 13:58	WB
1,1,2,2-Tetrachloroethane	ND		ug/m³	5.60	1.40	4	08/02/24	08/02/24 13:58	WB
Tetrachloroethene	ND		ug/m³	5.60	2.80	4	08/02/24	08/02/24 13:58	WB
Tetrahydrofuran	ND		ug/m³	2.36	0.59	4	08/02/24	08/02/24 13:58	WB
Toluene	**26.2**		ug/m³	3.00	1.40	4	08/02/24	08/02/24 13:58	WB
1,2,4-Trichlorobenzene	ND		ug/m³	6.00	1.50	4	08/02/24	08/02/24 13:58	WB
1,1,1-Trichloroethane	ND		ug/m³	4.40	1.10	4	08/02/24	08/02/24 13:58	WB
1,1,2-Trichloroethane	ND		ug/m³	4.40	1.10	4	08/02/24	08/02/24 13:58	WB
Trichloroethene	ND		ug/m³	4.40	1.10	4	08/02/24	08/02/24 13:58	WB
Trichlorofluoromethane (Freon 11)	**1.12**	J	ug/m³	4.40	1.10	4	08/02/24	08/02/24 13:58	WB
1,2,4-Trimethylbenzene	**0.98**	J	ug/m³	3.92	0.98	4	08/02/24	08/02/24 13:58	WB
1,3,5-Trimethylbenzene	ND		ug/m³	3.92	0.98	4	08/02/24	08/02/24 13:58	WB
2,2,4-Trimethylpentane	ND		ug/m³	3.72	0.93	4	08/02/24	08/02/24 13:58	WB
Vinyl acetate	ND		ug/m³	2.80	2.80	4	08/02/24	08/02/24 13:58	WB
Vinyl bromide	ND		ug/m³	3.48	0.87	4	08/02/24	08/02/24 13:58	WB
Vinyl chloride	ND		ug/m³	2.04	0.51	4	08/02/24	08/02/24 13:58	WB
o-Xylene	**1.91**	J	ug/m³	3.48	0.87	4	08/02/24	08/02/24 13:58	WB
m- & p-Xylenes	**5.73**	J	ug/m³	6.80	1.70	4	08/02/24	08/02/24 13:58	WB
Surrogate: 4-Bromofluorobenzene			*73-115*	*98 %*		*08/02/24*		*08/02/24 13:58*	

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Analytical Results

Project: ADDITIONAL VAPOR BURTONSVILLE

Project Number: 47:XXX
Project Manager: Nick Stella

Reported:
08/07/24 15:06

NES 0730-03

4073020-03RE1 (Vapor)
Collected from 07/30/24 09:15 thru 07/30/24 13:08

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
Volatile Organics by EPA TO-15 (GC/MS) Prepared by TO-15 Prep									
Acetone	**66.7**		ug/m³	9.60	9.60	4	08/02/24	08/02/24 14:26	WB
Benzene	**10.9**		ug/m³	2.56	0.64	4	08/02/24	08/02/24 14:26	WB
Benzyl chloride	ND		ug/m³	4.00	1.00	4	08/02/24	08/02/24 14:26	WB
Bromodichloromethane	**4.56**	J	ug/m³	5.20	1.30	4	08/02/24	08/02/24 14:26	WB
Bromoform	ND		ug/m³	8.40	2.10	4	08/02/24	08/02/24 14:26	WB
Bromomethane	ND		ug/m³	3.12	0.78	4	08/02/24	08/02/24 14:26	WB
1,3-Butadiene	ND		ug/m³	1.76	1.76	4	08/02/24	08/02/24 14:26	WB
Carbon disulfide	**22.0**		ug/m³	6.24	6.24	4	08/02/24	08/02/24 14:26	WB
Carbon tetrachloride	ND		ug/m³	5.20	1.30	4	08/02/24	08/02/24 14:26	WB
Chlorobenzene	ND		ug/m³	3.68	0.92	4	08/02/24	08/02/24 14:26	WB
Chloroethane	ND		ug/m³	2.12	1.06	4	08/02/24	08/02/24 14:26	WB
Chloroform	**110**		ug/m³	3.88	0.97	4	08/02/24	08/02/24 14:26	WB
Chloromethane	ND		ug/m³	1.64	0.41	4	08/02/24	08/02/24 14:26	WB
3-Chloropropene	ND		ug/m³	2.52	0.63	4	08/02/24	08/02/24 14:26	WB
Cyclohexane	ND		ug/m³	2.76	0.69	4	08/02/24	08/02/24 14:26	WB
Dibromochloromethane	ND		ug/m³	5.20	1.30	4	08/02/24	08/02/24 14:26	WB
1,2-Dibromoethane (EDB)	ND		ug/m³	5.60	1.40	4	08/02/24	08/02/24 14:26	WB
1,2-Dichlorobenzene	ND		ug/m³	4.80	1.20	4	08/02/24	08/02/24 14:26	WB
1,3-Dichlorobenzene	ND		ug/m³	4.80	1.20	4	08/02/24	08/02/24 14:26	WB
1,4-Dichlorobenzene	ND		ug/m³	4.80	1.20	4	08/02/24	08/02/24 14:26	WB
Dichlorodifluoromethane	ND		ug/m³	3.96	3.96	4	08/02/24	08/02/24 14:26	WB
1,1-Dichloroethane	ND		ug/m³	3.24	0.81	4	08/02/24	08/02/24 14:26	WB
1,2-Dichloroethane	ND		ug/m³	3.24	0.81	4	08/02/24	08/02/24 14:26	WB
1,1-Dichloroethene	ND		ug/m³	3.16	0.79	4	08/02/24	08/02/24 14:26	WB
cis-1,2-Dichloroethene	ND		ug/m³	3.16	0.79	4	08/02/24	08/02/24 14:26	WB
trans-1,2-Dichloroethene	ND		ug/m³	3.16	0.79	4	08/02/24	08/02/24 14:26	WB
1,2-Dichloropropane	ND		ug/m³	3.68	0.92	4	08/02/24	08/02/24 14:26	WB
cis-1,3-Dichloropropene	ND		ug/m³	3.64	0.91	4	08/02/24	08/02/24 14:26	WB
trans-1,3-Dichloropropene	ND		ug/m³	3.64	0.91	4	08/02/24	08/02/24 14:26	WB
1,4-Dioxane	ND		ug/m³	2.88	0.72	4	08/02/24	08/02/24 14:26	WB
Ethyl acetate	ND		ug/m³	14.4	14.4	4	08/02/24	08/02/24 14:26	WB
Ethylbenzene	**3.65**		ug/m³	3.48	0.87	4	08/02/24	08/02/24 14:26	WB
4-Ethyltoluene	**1.38**	J	ug/m³	3.92	0.98	4	08/02/24	08/02/24 14:26	WB
Freon 113	ND		ug/m³	6.00	1.50	4	08/02/24	08/02/24 14:26	WB

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Analytical Results

Project: ADDITIONAL VAPOR BURTONSVILLE

Project Number: 47:XXX
Project Manager: Nick Stella

Reported:
08/07/24 15:06

NES 0730-03

4073020-03RE1 (Vapor)
Collected from 07/30/24 09:15 thru 07/30/24 13:08

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
Volatile Organics by EPA TO-15 (GC/MS) Prepared by TO-15 Prep (continued)									
Freon 114	ND		ug/m³	5.60	5.60	4	08/02/24	08/02/24 14:26	WB
n-Heptane	**7.54**		ug/m³	3.28	0.82	4	08/02/24	08/02/24 14:26	WB
Hexachlorobutadiene	ND		ug/m³	8.40	8.40	4	08/02/24	08/02/24 14:26	WB
Hexane	ND		ug/m³	56.0	56.0	4	08/02/24	08/02/24 14:26	WB
2-Hexanone	ND		ug/m³	3.28	0.59	4	08/02/24	08/02/24 14:26	WB
Isopropylbenzene (Cumene)	ND		ug/m³	4.40	1.60	4	08/02/24	08/02/24 14:26	WB
Methyl tert-butyl ether (MTBE)	ND		ug/m³	2.88	0.82	4	08/02/24	08/02/24 14:26	WB
Methylene chloride	ND		ug/m³	72.0	72.0	4	08/02/24	08/02/24 14:26	WB
Methyl ethyl ketone (2-Butanone)	**7.43**		ug/m³	2.36	1.36	4	08/02/24	08/02/24 14:26	WB
Methyl isobutyl ketone	ND		ug/m³	3.28	3.28	4	08/02/24	08/02/24 14:26	WB
Naphthalene	ND		ug/m³	4.40	2.80	4	08/02/24	08/02/24 14:26	WB
Propene	**211**	E	ug/m³	1.36	1.36	4	08/02/24	08/02/24 14:26	WB
n-Propylbenzene	ND		ug/m³	3.92	1.60	4	08/02/24	08/02/24 14:26	WB
Styrene	**1.70**	J	ug/m³	3.40	0.59	4	08/02/24	08/02/24 14:26	WB
1,1,2,2-Tetrachloroethane	ND		ug/m³	5.60	1.40	4	08/02/24	08/02/24 14:26	WB
Tetrachloroethene	ND		ug/m³	5.60	2.80	4	08/02/24	08/02/24 14:26	WB
Tetrahydrofuran	ND		ug/m³	2.36	0.59	4	08/02/24	08/02/24 14:26	WB
Toluene	**35.1**		ug/m³	3.00	1.40	4	08/02/24	08/02/24 14:26	WB
1,2,4-Trichlorobenzene	ND		ug/m³	6.00	1.50	4	08/02/24	08/02/24 14:26	WB
1,1,1-Trichloroethane	ND		ug/m³	4.40	1.10	4	08/02/24	08/02/24 14:26	WB
1,1,2-Trichloroethane	ND		ug/m³	4.40	1.10	4	08/02/24	08/02/24 14:26	WB
Trichloroethene	ND		ug/m³	4.40	1.10	4	08/02/24	08/02/24 14:26	WB
Trichlorofluoromethane (Freon 11)	**3.60**	J	ug/m³	4.40	1.10	4	08/02/24	08/02/24 14:26	WB
1,2,4-Trimethylbenzene	**0.98**	J	ug/m³	3.92	0.98	4	08/02/24	08/02/24 14:26	WB
1,3,5-Trimethylbenzene	ND		ug/m³	3.92	0.98	4	08/02/24	08/02/24 14:26	WB
2,2,4-Trimethylpentane	ND		ug/m³	3.72	0.93	4	08/02/24	08/02/24 14:26	WB
Vinyl acetate	ND		ug/m³	2.80	2.80	4	08/02/24	08/02/24 14:26	WB
Vinyl bromide	ND		ug/m³	3.48	0.87	4	08/02/24	08/02/24 14:26	WB
Vinyl chloride	ND		ug/m³	2.04	0.51	4	08/02/24	08/02/24 14:26	WB
o-Xylene	**2.78**	J	ug/m³	3.48	0.87	4	08/02/24	08/02/24 14:26	WB
m- & p-Xylenes	**7.30**		ug/m³	6.80	1.70	4	08/02/24	08/02/24 14:26	WB
Surrogate: 4-Bromofluorobenzene			*73-115*	*97 %*		*08/02/24*		*08/02/24 14:26*	

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Analytical Results

Project: ADDITIONAL VAPOR BURTONSVILLE

Project Number: 47:XXX
Project Manager: Nick Stella

Reported:
08/07/24 15:06

NES 0730-04

4073020-04RE1 (Vapor)
Collected from 07/30/24 09:22 thru 07/30/24 13:11

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
Volatile Organics by EPA TO-15 (GC/MS) Prepared by TO-15 Prep									
Acetone	**22.0**		ug/m³	9.60	9.60	4	08/02/24	08/02/24 14:54	WB
Benzene	**5.62**		ug/m³	2.56	0.64	4	08/02/24	08/02/24 14:54	WB
Benzyl chloride	ND		ug/m³	4.00	1.00	4	08/02/24	08/02/24 14:54	WB
Bromodichloromethane	ND		ug/m³	5.20	1.30	4	08/02/24	08/02/24 14:54	WB
Bromoform	ND		ug/m³	8.40	2.10	4	08/02/24	08/02/24 14:54	WB
Bromomethane	ND		ug/m³	3.12	0.78	4	08/02/24	08/02/24 14:54	WB
1,3-Butadiene	ND		ug/m³	1.76	1.76	4	08/02/24	08/02/24 14:54	WB
Carbon disulfide	**19.8**		ug/m³	6.24	6.24	4	08/02/24	08/02/24 14:54	WB
Carbon tetrachloride	ND		ug/m³	5.20	1.30	4	08/02/24	08/02/24 14:54	WB
Chlorobenzene	ND		ug/m³	3.68	0.92	4	08/02/24	08/02/24 14:54	WB
Chloroethane	ND		ug/m³	2.12	1.06	4	08/02/24	08/02/24 14:54	WB
Chloroform	**73.0**		ug/m³	3.88	0.97	4	08/02/24	08/02/24 14:54	WB
Chloromethane	ND		ug/m³	1.64	0.41	4	08/02/24	08/02/24 14:54	WB
3-Chloropropene	ND		ug/m³	2.52	0.63	4	08/02/24	08/02/24 14:54	WB
Cyclohexane	ND		ug/m³	2.76	0.69	4	08/02/24	08/02/24 14:54	WB
Dibromochloromethane	ND		ug/m³	5.20	1.30	4	08/02/24	08/02/24 14:54	WB
1,2-Dibromoethane (EDB)	ND		ug/m³	5.60	1.40	4	08/02/24	08/02/24 14:54	WB
1,2-Dichlorobenzene	ND		ug/m³	4.80	1.20	4	08/02/24	08/02/24 14:54	WB
1,3-Dichlorobenzene	ND		ug/m³	4.80	1.20	4	08/02/24	08/02/24 14:54	WB
1,4-Dichlorobenzene	**45.9**		ug/m³	4.80	1.20	4	08/02/24	08/02/24 14:54	WB
Dichlorodifluoromethane	ND		ug/m³	3.96	3.96	4	08/02/24	08/02/24 14:54	WB
1,1-Dichloroethane	ND		ug/m³	3.24	0.81	4	08/02/24	08/02/24 14:54	WB
1,2-Dichloroethane	ND		ug/m³	3.24	0.81	4	08/02/24	08/02/24 14:54	WB
1,1-Dichloroethene	ND		ug/m³	3.16	0.79	4	08/02/24	08/02/24 14:54	WB
cis-1,2-Dichloroethene	ND		ug/m³	3.16	0.79	4	08/02/24	08/02/24 14:54	WB
trans-1,2-Dichloroethene	ND		ug/m³	3.16	0.79	4	08/02/24	08/02/24 14:54	WB
1,2-Dichloropropane	ND		ug/m³	3.68	0.92	4	08/02/24	08/02/24 14:54	WB
cis-1,3-Dichloropropene	ND		ug/m³	3.64	0.91	4	08/02/24	08/02/24 14:54	WB
trans-1,3-Dichloropropene	ND		ug/m³	3.64	0.91	4	08/02/24	08/02/24 14:54	WB
1,4-Dioxane	ND		ug/m³	2.88	0.72	4	08/02/24	08/02/24 14:54	WB
Ethyl acetate	ND		ug/m³	14.4	14.4	4	08/02/24	08/02/24 14:54	WB
Ethylbenzene	**2.26**	J	ug/m³	3.48	0.87	4	08/02/24	08/02/24 14:54	WB
4-Ethyltoluene	ND		ug/m³	3.92	0.98	4	08/02/24	08/02/24 14:54	WB
Freon 113	ND		ug/m³	6.00	1.50	4	08/02/24	08/02/24 14:54	WB

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Analytical Results

Project: ADDITIONAL VAPOR BURTONSVILLE

Project Number: 47:XXX
Project Manager: Nick Stella

Reported:
08/07/24 15:06

NES 0730-04

4073020-04RE1 (Vapor)
Collected from 07/30/24 09:22 thru 07/30/24 13:11

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
Volatile Organics by EPA TO-15 (GC/MS) Prepared by TO-15 Prep (continued)									
Freon 114	ND		ug/m³	5.60	5.60	4	08/02/24	08/02/24 14:54	WB
n-Heptane	**9.51**		ug/m³	3.28	0.82	4	08/02/24	08/02/24 14:54	WB
Hexachlorobutadiene	ND		ug/m³	8.40	8.40	4	08/02/24	08/02/24 14:54	WB
Hexane	ND		ug/m³	56.0	56.0	4	08/02/24	08/02/24 14:54	WB
2-Hexanone	ND		ug/m³	3.28	0.59	4	08/02/24	08/02/24 14:54	WB
Isopropylbenzene (Cumene)	ND		ug/m³	4.40	1.60	4	08/02/24	08/02/24 14:54	WB
Methyl tert-butyl ether (MTBE)	ND		ug/m³	2.88	0.82	4	08/02/24	08/02/24 14:54	WB
Methylene chloride	ND		ug/m³	72.0	72.0	4	08/02/24	08/02/24 14:54	WB
Methyl ethyl ketone (2-Butanone)	**3.19**		ug/m³	2.36	1.36	4	08/02/24	08/02/24 14:54	WB
Methyl isobutyl ketone	ND		ug/m³	3.28	3.28	4	08/02/24	08/02/24 14:54	WB
Naphthalene	ND		ug/m³	4.40	2.80	4	08/02/24	08/02/24 14:54	WB
Propene	**311**	E	ug/m³	1.36	1.36	4	08/02/24	08/02/24 14:54	WB
n-Propylbenzene	ND		ug/m³	3.92	1.60	4	08/02/24	08/02/24 14:54	WB
Styrene	**1.19**	J	ug/m³	3.40	0.59	4	08/02/24	08/02/24 14:54	WB
1,1,2,2-Tetrachloroethane	ND		ug/m³	5.60	1.40	4	08/02/24	08/02/24 14:54	WB
Tetrachloroethene	ND		ug/m³	5.60	2.80	4	08/02/24	08/02/24 14:54	WB
Tetrahydrofuran	ND		ug/m³	2.36	0.59	4	08/02/24	08/02/24 14:54	WB
Toluene	**21.6**		ug/m³	3.00	1.40	4	08/02/24	08/02/24 14:54	WB
1,2,4-Trichlorobenzene	ND		ug/m³	6.00	1.50	4	08/02/24	08/02/24 14:54	WB
1,1,1-Trichloroethane	ND		ug/m³	4.40	1.10	4	08/02/24	08/02/24 14:54	WB
1,1,2-Trichloroethane	ND		ug/m³	4.40	1.10	4	08/02/24	08/02/24 14:54	WB
Trichloroethene	ND		ug/m³	4.40	1.10	4	08/02/24	08/02/24 14:54	WB
Trichlorofluoromethane (Freon 11)	**1.12**	J	ug/m³	4.40	1.10	4	08/02/24	08/02/24 14:54	WB
1,2,4-Trimethylbenzene	ND		ug/m³	3.92	0.98	4	08/02/24	08/02/24 14:54	WB
1,3,5-Trimethylbenzene	ND		ug/m³	3.92	0.98	4	08/02/24	08/02/24 14:54	WB
2,2,4-Trimethylpentane	ND		ug/m³	3.72	0.93	4	08/02/24	08/02/24 14:54	WB
Vinyl acetate	ND		ug/m³	2.80	2.80	4	08/02/24	08/02/24 14:54	WB
Vinyl bromide	ND		ug/m³	3.48	0.87	4	08/02/24	08/02/24 14:54	WB
Vinyl chloride	ND		ug/m³	2.04	0.51	4	08/02/24	08/02/24 14:54	WB
o-Xylene	**1.91**	J	ug/m³	3.48	0.87	4	08/02/24	08/02/24 14:54	WB
m- & p-Xylenes	**5.39**	J	ug/m³	6.80	1.70	4	08/02/24	08/02/24 14:54	WB
Surrogate: 4-Bromofluorobenzene			*73-115*	*95 %*			*08/02/24*	*08/02/24 14:54*	

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Analytical Results

Project: ADDITIONAL VAPOR BURTONSVILLE

Project Number: 47:XXX
Project Manager: Nick Stella

Reported:
08/07/24 15:06

NES 0730-05

4073020-05RE1 (Vapor)
Collected from 07/30/24 09:31 thru 07/30/24 13:18

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
Volatile Organics by EPA TO-15 (GC/MS) Prepared by TO-15 Prep									
Acetone	ND		ug/m³	9.60	9.60	4	08/02/24	08/02/24 15:22	WB
Benzene	**13.7**		ug/m³	2.56	0.64	4	08/02/24	08/02/24 15:22	WB
Benzyl chloride	ND		ug/m³	4.00	1.00	4	08/02/24	08/02/24 15:22	WB
Bromodichloromethane	ND		ug/m³	5.20	1.30	4	08/02/24	08/02/24 15:22	WB
Bromoform	ND		ug/m³	8.40	2.10	4	08/02/24	08/02/24 15:22	WB
Bromomethane	ND		ug/m³	3.12	0.78	4	08/02/24	08/02/24 15:22	WB
1,3-Butadiene	ND		ug/m³	1.76	1.76	4	08/02/24	08/02/24 15:22	WB
Carbon disulfide	**152**		ug/m³	6.24	6.24	4	08/02/24	08/02/24 15:22	WB
Carbon tetrachloride	ND		ug/m³	5.20	1.30	4	08/02/24	08/02/24 15:22	WB
Chlorobenzene	ND		ug/m³	3.68	0.92	4	08/02/24	08/02/24 15:22	WB
Chloroethane	ND		ug/m³	2.12	1.06	4	08/02/24	08/02/24 15:22	WB
Chloroform	**3.12**	J	ug/m³	3.88	0.97	4	08/02/24	08/02/24 15:22	WB
Chloromethane	**0.66**	J	ug/m³	1.64	0.41	4	08/02/24	08/02/24 15:22	WB
3-Chloropropene	ND		ug/m³	2.52	0.63	4	08/02/24	08/02/24 15:22	WB
Cyclohexane	**2.62**	J	ug/m³	2.76	0.69	4	08/02/24	08/02/24 15:22	WB
Dibromochloromethane	ND		ug/m³	5.20	1.30	4	08/02/24	08/02/24 15:22	WB
1,2-Dibromoethane (EDB)	ND		ug/m³	5.60	1.40	4	08/02/24	08/02/24 15:22	WB
1,2-Dichlorobenzene	ND		ug/m³	4.80	1.20	4	08/02/24	08/02/24 15:22	WB
1,3-Dichlorobenzene	ND		ug/m³	4.80	1.20	4	08/02/24	08/02/24 15:22	WB
1,4-Dichlorobenzene	**52.2**		ug/m³	4.80	1.20	4	08/02/24	08/02/24 15:22	WB
Dichlorodifluoromethane	ND		ug/m³	3.96	3.96	4	08/02/24	08/02/24 15:22	WB
1,1-Dichloroethane	ND		ug/m³	3.24	0.81	4	08/02/24	08/02/24 15:22	WB
1,2-Dichloroethane	ND		ug/m³	3.24	0.81	4	08/02/24	08/02/24 15:22	WB
1,1-Dichloroethene	ND		ug/m³	3.16	0.79	4	08/02/24	08/02/24 15:22	WB
cis-1,2-Dichloroethene	ND		ug/m³	3.16	0.79	4	08/02/24	08/02/24 15:22	WB
trans-1,2-Dichloroethene	ND		ug/m³	3.16	0.79	4	08/02/24	08/02/24 15:22	WB
1,2-Dichloropropane	ND		ug/m³	3.68	0.92	4	08/02/24	08/02/24 15:22	WB
cis-1,3-Dichloropropene	ND		ug/m³	3.64	0.91	4	08/02/24	08/02/24 15:22	WB
trans-1,3-Dichloropropene	ND		ug/m³	3.64	0.91	4	08/02/24	08/02/24 15:22	WB
1,4-Dioxane	ND		ug/m³	2.88	0.72	4	08/02/24	08/02/24 15:22	WB
Ethyl acetate	ND		ug/m³	14.4	14.4	4	08/02/24	08/02/24 15:22	WB
Ethylbenzene	**9.90**		ug/m³	3.48	0.87	4	08/02/24	08/02/24 15:22	WB
4-Ethyltoluene	**3.74**	J	ug/m³	3.92	0.98	4	08/02/24	08/02/24 15:22	WB
Freon 113	ND		ug/m³	6.00	1.50	4	08/02/24	08/02/24 15:22	WB

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Analytical Results

Project: ADDITIONAL VAPOR BURTONSVILLE

Project Number: 47:XXX
Project Manager: Nick Stella

Reported:
08/07/24 15:06

NES 0730-05

4073020-05RE1 (Vapor)
Collected from 07/30/24 09:31 thru 07/30/24 13:18

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
Volatile Organics by EPA TO-15 (GC/MS) Prepared by TO-15 Prep (continued)									
Freon 114	ND		ug/m³	5.60	5.60	4	08/02/24	08/02/24 15:22	WB
n-Heptane	**57.2**		ug/m³	3.28	0.82	4	08/02/24	08/02/24 15:22	WB
Hexachlorobutadiene	ND		ug/m³	8.40	8.40	4	08/02/24	08/02/24 15:22	WB
Hexane	**107**		ug/m³	56.0	56.0	4	08/02/24	08/02/24 15:22	WB
2-Hexanone	ND		ug/m³	3.28	0.59	4	08/02/24	08/02/24 15:22	WB
Isopropylbenzene (Cumene)	ND		ug/m³	4.40	1.60	4	08/02/24	08/02/24 15:22	WB
Methyl tert-butyl ether (MTBE)	ND		ug/m³	2.88	0.82	4	08/02/24	08/02/24 15:22	WB
Methylene chloride	ND		ug/m³	72.0	72.0	4	08/02/24	08/02/24 15:22	WB
Methyl ethyl ketone (2-Butanone)	**3.54**		ug/m³	2.36	1.36	4	08/02/24	08/02/24 15:22	WB
Methyl isobutyl ketone	ND		ug/m³	3.28	3.28	4	08/02/24	08/02/24 15:22	WB
Naphthalene	ND		ug/m³	4.40	2.80	4	08/02/24	08/02/24 15:22	WB
Propene	**968**	E	ug/m³	1.36	1.36	4	08/02/24	08/02/24 15:22	WB
n-Propylbenzene	**1.97**	J	ug/m³	3.92	1.60	4	08/02/24	08/02/24 15:22	WB
Styrene	**1.87**	J	ug/m³	3.40	0.59	4	08/02/24	08/02/24 15:22	WB
1,1,2,2-Tetrachloroethane	ND		ug/m³	5.60	1.40	4	08/02/24	08/02/24 15:22	WB
Tetrachloroethene	**4.34**	J	ug/m³	5.60	2.80	4	08/02/24	08/02/24 15:22	WB
Tetrahydrofuran	ND		ug/m³	2.36	0.59	4	08/02/24	08/02/24 15:22	WB
Toluene	**38.0**		ug/m³	3.00	1.40	4	08/02/24	08/02/24 15:22	WB
1,2,4-Trichlorobenzene	ND		ug/m³	6.00	1.50	4	08/02/24	08/02/24 15:22	WB
1,1,1-Trichloroethane	ND		ug/m³	4.40	1.10	4	08/02/24	08/02/24 15:22	WB
1,1,2-Trichloroethane	ND		ug/m³	4.40	1.10	4	08/02/24	08/02/24 15:22	WB
Trichloroethene	ND		ug/m³	4.40	1.10	4	08/02/24	08/02/24 15:22	WB
Trichlorofluoromethane (Freon 11)	**2.47**	J	ug/m³	4.40	1.10	4	08/02/24	08/02/24 15:22	WB
1,2,4-Trimethylbenzene	**1.57**	J	ug/m³	3.92	0.98	4	08/02/24	08/02/24 15:22	WB
1,3,5-Trimethylbenzene	ND		ug/m³	3.92	0.98	4	08/02/24	08/02/24 15:22	WB
2,2,4-Trimethylpentane	ND		ug/m³	3.72	0.93	4	08/02/24	08/02/24 15:22	WB
Vinyl acetate	ND		ug/m³	2.80	2.80	4	08/02/24	08/02/24 15:22	WB
Vinyl bromide	ND		ug/m³	3.48	0.87	4	08/02/24	08/02/24 15:22	WB
Vinyl chloride	ND		ug/m³	2.04	0.51	4	08/02/24	08/02/24 15:22	WB
o-Xylene	**4.52**		ug/m³	3.48	0.87	4	08/02/24	08/02/24 15:22	WB
m- & p-Xylenes	**12.7**		ug/m³	6.80	1.70	4	08/02/24	08/02/24 15:22	WB
Surrogate: 4-Bromofluorobenzene		*73-115*		*102 %*		*08/02/24*		*08/02/24 15:22*	

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Analytical Results

Project: ADDITIONAL VAPOR BURTONSVILLE

Project Number: 47:XXX
Project Manager: Nick Stella

Reported:
08/07/24 15:06

NES 0730-06

4073020-06RE1 (Vapor)
Collected from 07/30/24 09:40 thru 07/30/24 13:19

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
Volatile Organics by EPA TO-15 (GC/MS) Prepared by TO-15 Prep									
Acetone	ND		ug/m³	9.60	9.60	4	08/02/24	08/02/24 15:51	WB
Benzene	**10.4**		ug/m³	2.56	0.64	4	08/02/24	08/02/24 15:51	WB
Benzyl chloride	ND		ug/m³	4.00	1.00	4	08/02/24	08/02/24 15:51	WB
Bromodichloromethane	ND		ug/m³	5.20	1.30	4	08/02/24	08/02/24 15:51	WB
Bromoform	ND		ug/m³	8.40	2.10	4	08/02/24	08/02/24 15:51	WB
Bromomethane	ND		ug/m³	3.12	0.78	4	08/02/24	08/02/24 15:51	WB
1,3-Butadiene	ND		ug/m³	1.76	1.76	4	08/02/24	08/02/24 15:51	WB
Carbon disulfide	**33.6**		ug/m³	6.24	6.24	4	08/02/24	08/02/24 15:51	WB
Carbon tetrachloride	ND		ug/m³	5.20	1.30	4	08/02/24	08/02/24 15:51	WB
Chlorobenzene	ND		ug/m³	3.68	0.92	4	08/02/24	08/02/24 15:51	WB
Chloroethane	ND		ug/m³	2.12	1.06	4	08/02/24	08/02/24 15:51	WB
Chloroform	**3.52**	J	ug/m³	3.88	0.97	4	08/02/24	08/02/24 15:51	WB
Chloromethane	ND		ug/m³	1.64	0.41	4	08/02/24	08/02/24 15:51	WB
3-Chloropropene	ND		ug/m³	2.52	0.63	4	08/02/24	08/02/24 15:51	WB
Cyclohexane	**2.48**	J	ug/m³	2.76	0.69	4	08/02/24	08/02/24 15:51	WB
Dibromochloromethane	ND		ug/m³	5.20	1.30	4	08/02/24	08/02/24 15:51	WB
1,2-Dibromoethane (EDB)	ND		ug/m³	5.60	1.40	4	08/02/24	08/02/24 15:51	WB
1,2-Dichlorobenzene	ND		ug/m³	4.80	1.20	4	08/02/24	08/02/24 15:51	WB
1,3-Dichlorobenzene	ND		ug/m³	4.80	1.20	4	08/02/24	08/02/24 15:51	WB
1,4-Dichlorobenzene	**39.2**		ug/m³	4.80	1.20	4	08/02/24	08/02/24 15:51	WB
Dichlorodifluoromethane	ND		ug/m³	3.96	3.96	4	08/02/24	08/02/24 15:51	WB
1,1-Dichloroethane	ND		ug/m³	3.24	0.81	4	08/02/24	08/02/24 15:51	WB
1,2-Dichloroethane	ND		ug/m³	3.24	0.81	4	08/02/24	08/02/24 15:51	WB
1,1-Dichloroethene	ND		ug/m³	3.16	0.79	4	08/02/24	08/02/24 15:51	WB
cis-1,2-Dichloroethene	**0.79**	J	ug/m³	3.16	0.79	4	08/02/24	08/02/24 15:51	WB
trans-1,2-Dichloroethene	ND		ug/m³	3.16	0.79	4	08/02/24	08/02/24 15:51	WB
1,2-Dichloropropane	ND		ug/m³	3.68	0.92	4	08/02/24	08/02/24 15:51	WB
cis-1,3-Dichloropropene	ND		ug/m³	3.64	0.91	4	08/02/24	08/02/24 15:51	WB
trans-1,3-Dichloropropene	ND		ug/m³	3.64	0.91	4	08/02/24	08/02/24 15:51	WB
1,4-Dioxane	ND		ug/m³	2.88	0.72	4	08/02/24	08/02/24 15:51	WB
Ethyl acetate	ND		ug/m³	14.4	14.4	4	08/02/24	08/02/24 15:51	WB
Ethylbenzene	**7.82**		ug/m³	3.48	0.87	4	08/02/24	08/02/24 15:51	WB
4-Ethyltoluene	**4.13**		ug/m³	3.92	0.98	4	08/02/24	08/02/24 15:51	WB
Freon 113	ND		ug/m³	6.00	1.50	4	08/02/24	08/02/24 15:51	WB

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Analytical Results

Project: ADDITIONAL VAPOR BURTONSVILLE

Project Number: 47:XXX
Project Manager: Nick Stella

Reported:
08/07/24 15:06

NES 0730-06

4073020-06RE1 (Vapor)
Collected from 07/30/24 09:40 thru 07/30/24 13:19

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
Volatile Organics by EPA TO-15 (GC/MS) Prepared by TO-15 Prep (continued)									
Freon 114	ND		ug/m³	5.60	5.60	4	08/02/24	08/02/24 15:51	WB
n-Heptane	**66.6**		ug/m³	3.28	0.82	4	08/02/24	08/02/24 15:51	WB
Hexachlorobutadiene	ND		ug/m³	8.40	8.40	4	08/02/24	08/02/24 15:51	WB
Hexane	**135**		ug/m³	56.0	56.0	4	08/02/24	08/02/24 15:51	WB
2-Hexanone	ND		ug/m³	3.28	0.59	4	08/02/24	08/02/24 15:51	WB
Isopropylbenzene (Cumene)	ND		ug/m³	4.40	1.60	4	08/02/24	08/02/24 15:51	WB
Methyl tert-butyl ether (MTBE)	ND		ug/m³	2.88	0.82	4	08/02/24	08/02/24 15:51	WB
Methylene chloride	ND		ug/m³	72.0	72.0	4	08/02/24	08/02/24 15:51	WB
Methyl ethyl ketone (2-Butanone)	**8.14**		ug/m³	2.36	1.36	4	08/02/24	08/02/24 15:51	WB
Methyl isobutyl ketone	ND		ug/m³	3.28	3.28	4	08/02/24	08/02/24 15:51	WB
Naphthalene	ND		ug/m³	4.40	2.80	4	08/02/24	08/02/24 15:51	WB
Propene	**1270**	E	ug/m³	1.36	1.36	4	08/02/24	08/02/24 15:51	WB
n-Propylbenzene	**2.16**	J	ug/m³	3.92	1.60	4	08/02/24	08/02/24 15:51	WB
Styrene	**2.04**	J	ug/m³	3.40	0.59	4	08/02/24	08/02/24 15:51	WB
1,1,2,2-Tetrachloroethane	ND		ug/m³	5.60	1.40	4	08/02/24	08/02/24 15:51	WB
Tetrachloroethene	**4.07**	J	ug/m³	5.60	2.80	4	08/02/24	08/02/24 15:51	WB
Tetrahydrofuran	ND		ug/m³	2.36	0.59	4	08/02/24	08/02/24 15:51	WB
Toluene	**27.7**		ug/m³	3.00	1.40	4	08/02/24	08/02/24 15:51	WB
1,2,4-Trichlorobenzene	ND		ug/m³	6.00	1.50	4	08/02/24	08/02/24 15:51	WB
1,1,1-Trichloroethane	ND		ug/m³	4.40	1.10	4	08/02/24	08/02/24 15:51	WB
1,1,2-Trichloroethane	ND		ug/m³	4.40	1.10	4	08/02/24	08/02/24 15:51	WB
Trichloroethene	ND		ug/m³	4.40	1.10	4	08/02/24	08/02/24 15:51	WB
Trichlorofluoromethane (Freon 11)	**12.6**		ug/m³	4.40	1.10	4	08/02/24	08/02/24 15:51	WB
1,2,4-Trimethylbenzene	**1.57**	J	ug/m³	3.92	0.98	4	08/02/24	08/02/24 15:51	WB
1,3,5-Trimethylbenzene	ND		ug/m³	3.92	0.98	4	08/02/24	08/02/24 15:51	WB
2,2,4-Trimethylpentane	ND		ug/m³	3.72	0.93	4	08/02/24	08/02/24 15:51	WB
Vinyl acetate	ND		ug/m³	2.80	2.80	4	08/02/24	08/02/24 15:51	WB
Vinyl bromide	ND		ug/m³	3.48	0.87	4	08/02/24	08/02/24 15:51	WB
Vinyl chloride	ND		ug/m³	2.04	0.51	4	08/02/24	08/02/24 15:51	WB
o-Xylene	**4.17**		ug/m³	3.48	0.87	4	08/02/24	08/02/24 15:51	WB
m- & p-Xylenes	**10.3**		ug/m³	6.80	1.70	4	08/02/24	08/02/24 15:51	WB
Surrogate: 4-Bromofluorobenzene		*73-115*		*100 %*		*08/02/24*		*08/02/24 15:51*	

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Analytical Chemistry Services

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Analytical Results

Project: ADDITIONAL VAPOR BURTONSVILLE

Project Number: 47:XXX
Project Manager: Nick Stella

Reported:
08/07/24 15:06

NES 0730-07

4073020-07RE1 (Vapor)
Collected from 07/30/24 09:47 thru 07/30/24 13:23

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
Volatile Organics by EPA TO-15 (GC/MS) Prepared by TO-15 Prep									
Acetone	**15.7**		ug/m³	9.60	9.60	4	08/02/24	08/02/24 16:19	WB
Benzene	**3.45**		ug/m³	2.56	0.64	4	08/02/24	08/02/24 16:19	WB
Benzyl chloride	ND		ug/m³	4.00	1.00	4	08/02/24	08/02/24 16:19	WB
Bromodichloromethane	ND		ug/m³	5.20	1.30	4	08/02/24	08/02/24 16:19	WB
Bromoform	ND		ug/m³	8.40	2.10	4	08/02/24	08/02/24 16:19	WB
Bromomethane	ND		ug/m³	3.12	0.78	4	08/02/24	08/02/24 16:19	WB
1,3-Butadiene	ND		ug/m³	1.76	1.76	4	08/02/24	08/02/24 16:19	WB
Carbon disulfide	**16.8**		ug/m³	6.24	6.24	4	08/02/24	08/02/24 16:19	WB
Carbon tetrachloride	ND		ug/m³	5.20	1.30	4	08/02/24	08/02/24 16:19	WB
Chlorobenzene	ND		ug/m³	3.68	0.92	4	08/02/24	08/02/24 16:19	WB
Chloroethane	ND		ug/m³	2.12	1.06	4	08/02/24	08/02/24 16:19	WB
Chloroform	**0.98**	J	ug/m³	3.88	0.97	4	08/02/24	08/02/24 16:19	WB
Chloromethane	ND		ug/m³	1.64	0.41	4	08/02/24	08/02/24 16:19	WB
3-Chloropropene	ND		ug/m³	2.52	0.63	4	08/02/24	08/02/24 16:19	WB
Cyclohexane	**1.65**	J	ug/m³	2.76	0.69	4	08/02/24	08/02/24 16:19	WB
Dibromochloromethane	ND		ug/m³	5.20	1.30	4	08/02/24	08/02/24 16:19	WB
1,2-Dibromoethane (EDB)	ND		ug/m³	5.60	1.40	4	08/02/24	08/02/24 16:19	WB
1,2-Dichlorobenzene	ND		ug/m³	4.80	1.20	4	08/02/24	08/02/24 16:19	WB
1,3-Dichlorobenzene	ND		ug/m³	4.80	1.20	4	08/02/24	08/02/24 16:19	WB
1,4-Dichlorobenzene	**36.1**		ug/m³	4.80	1.20	4	08/02/24	08/02/24 16:19	WB
Dichlorodifluoromethane	ND		ug/m³	3.96	3.96	4	08/02/24	08/02/24 16:19	WB
1,1-Dichloroethane	ND		ug/m³	3.24	0.81	4	08/02/24	08/02/24 16:19	WB
1,2-Dichloroethane	ND		ug/m³	3.24	0.81	4	08/02/24	08/02/24 16:19	WB
1,1-Dichloroethene	ND		ug/m³	3.16	0.79	4	08/02/24	08/02/24 16:19	WB
cis-1,2-Dichloroethene	ND		ug/m³	3.16	0.79	4	08/02/24	08/02/24 16:19	WB
trans-1,2-Dichloroethene	ND		ug/m³	3.16	0.79	4	08/02/24	08/02/24 16:19	WB
1,2-Dichloropropane	ND		ug/m³	3.68	0.92	4	08/02/24	08/02/24 16:19	WB
cis-1,3-Dichloropropene	ND		ug/m³	3.64	0.91	4	08/02/24	08/02/24 16:19	WB
trans-1,3-Dichloropropene	ND		ug/m³	3.64	0.91	4	08/02/24	08/02/24 16:19	WB
1,4-Dioxane	ND		ug/m³	2.88	0.72	4	08/02/24	08/02/24 16:19	WB
Ethyl acetate	ND		ug/m³	14.4	14.4	4	08/02/24	08/02/24 16:19	WB
Ethylbenzene	**3.47**	J	ug/m³	3.48	0.87	4	08/02/24	08/02/24 16:19	WB
4-Ethyltoluene	**1.57**	J	ug/m³	3.92	0.98	4	08/02/24	08/02/24 16:19	WB
Freon 113	ND		ug/m³	6.00	1.50	4	08/02/24	08/02/24 16:19	WB

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Analytical Results

Project: ADDITIONAL VAPOR BURTONSVILLE

Project Number: 47:XXX
Project Manager: Nick Stella

Reported:
08/07/24 15:06

NES 0730-07

4073020-07RE1 (Vapor)
Collected from 07/30/24 09:47 thru 07/30/24 13:23

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
Volatile Organics by EPA TO-15 (GC/MS) Prepared by TO-15 Prep (continued)									
Freon 114	ND		ug/m³	5.60	5.60	4	08/02/24	08/02/24 16:19	WB
n-Heptane	**17.2**		ug/m³	3.28	0.82	4	08/02/24	08/02/24 16:19	WB
Hexachlorobutadiene	ND		ug/m³	8.40	8.40	4	08/02/24	08/02/24 16:19	WB
Hexane	ND		ug/m³	56.0	56.0	4	08/02/24	08/02/24 16:19	WB
2-Hexanone	ND		ug/m³	3.28	0.59	4	08/02/24	08/02/24 16:19	WB
Isopropylbenzene (Cumene)	ND		ug/m³	4.40	1.60	4	08/02/24	08/02/24 16:19	WB
Methyl tert-butyl ether (MTBE)	ND		ug/m³	2.88	0.82	4	08/02/24	08/02/24 16:19	WB
Methylene chloride	ND		ug/m³	72.0	72.0	4	08/02/24	08/02/24 16:19	WB
Methyl ethyl ketone (2-Butanone)	**2.36**	J	ug/m³	2.36	1.36	4	08/02/24	08/02/24 16:19	WB
Methyl isobutyl ketone	ND		ug/m³	3.28	3.28	4	08/02/24	08/02/24 16:19	WB
Naphthalene	ND		ug/m³	4.40	2.80	4	08/02/24	08/02/24 16:19	WB
Propene	**274**	E	ug/m³	1.36	1.36	4	08/02/24	08/02/24 16:19	WB
n-Propylbenzene	ND		ug/m³	3.92	1.60	4	08/02/24	08/02/24 16:19	WB
Styrene	**0.85**	J	ug/m³	3.40	0.59	4	08/02/24	08/02/24 16:19	WB
1,1,2,2-Tetrachloroethane	ND		ug/m³	5.60	1.40	4	08/02/24	08/02/24 16:19	WB
Tetrachloroethene	ND		ug/m³	5.60	2.80	4	08/02/24	08/02/24 16:19	WB
Tetrahydrofuran	ND		ug/m³	2.36	0.59	4	08/02/24	08/02/24 16:19	WB
Toluene	**13.0**		ug/m³	3.00	1.40	4	08/02/24	08/02/24 16:19	WB
1,2,4-Trichlorobenzene	ND		ug/m³	6.00	1.50	4	08/02/24	08/02/24 16:19	WB
1,1,1-Trichloroethane	ND		ug/m³	4.40	1.10	4	08/02/24	08/02/24 16:19	WB
1,1,2-Trichloroethane	ND		ug/m³	4.40	1.10	4	08/02/24	08/02/24 16:19	WB
Trichloroethene	ND		ug/m³	4.40	1.10	4	08/02/24	08/02/24 16:19	WB
Trichlorofluoromethane (Freon 11)	**1.12**	J	ug/m³	4.40	1.10	4	08/02/24	08/02/24 16:19	WB
1,2,4-Trimethylbenzene	**1.18**	J	ug/m³	3.92	0.98	4	08/02/24	08/02/24 16:19	WB
1,3,5-Trimethylbenzene	ND		ug/m³	3.92	0.98	4	08/02/24	08/02/24 16:19	WB
2,2,4-Trimethylpentane	ND		ug/m³	3.72	0.93	4	08/02/24	08/02/24 16:19	WB
Vinyl acetate	ND		ug/m³	2.80	2.80	4	08/02/24	08/02/24 16:19	WB
Vinyl bromide	ND		ug/m³	3.48	0.87	4	08/02/24	08/02/24 16:19	WB
Vinyl chloride	ND		ug/m³	2.04	0.51	4	08/02/24	08/02/24 16:19	WB
o-Xylene	**1.91**	J	ug/m³	3.48	0.87	4	08/02/24	08/02/24 16:19	WB
m- & p-Xylenes	**5.56**	J	ug/m³	6.80	1.70	4	08/02/24	08/02/24 16:19	WB
Surrogate: 4-Bromofluorobenzene			*73-115*	*97 %*		*08/02/24*		*08/02/24 16:19*	

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Analytical Results

Project: ADDITIONAL VAPOR BURTONSVILLE

Project Number: 47:XXX
Project Manager: Nick Stella

Reported:
08/07/24 15:06

NES 0730-08

4073020-08RE1 (Vapor)
Collected from 07/30/24 09:54 thru 07/30/24 13:25

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
Volatile Organics by EPA TO-15 (GC/MS) Prepared by TO-15 Prep									
Acetone	**12.7**		ug/m³	9.60	9.60	4	08/02/24	08/02/24 16:47	WB
Benzene	**4.09**		ug/m³	2.56	0.64	4	08/02/24	08/02/24 16:47	WB
Benzyl chloride	ND		ug/m³	4.00	1.00	4	08/02/24	08/02/24 16:47	WB
Bromodichloromethane	ND		ug/m³	5.20	1.30	4	08/02/24	08/02/24 16:47	WB
Bromoform	ND		ug/m³	8.40	2.10	4	08/02/24	08/02/24 16:47	WB
Bromomethane	ND		ug/m³	3.12	0.78	4	08/02/24	08/02/24 16:47	WB
1,3-Butadiene	ND		ug/m³	1.76	1.76	4	08/02/24	08/02/24 16:47	WB
Carbon disulfide	**73.1**		ug/m³	6.24	6.24	4	08/02/24	08/02/24 16:47	WB
Carbon tetrachloride	ND		ug/m³	5.20	1.30	4	08/02/24	08/02/24 16:47	WB
Chlorobenzene	ND		ug/m³	3.68	0.92	4	08/02/24	08/02/24 16:47	WB
Chloroethane	ND		ug/m³	2.12	1.06	4	08/02/24	08/02/24 16:47	WB
Chloroform	ND		ug/m³	3.88	0.97	4	08/02/24	08/02/24 16:47	WB
Chloromethane	ND		ug/m³	1.64	0.41	4	08/02/24	08/02/24 16:47	WB
3-Chloropropene	ND		ug/m³	2.52	0.63	4	08/02/24	08/02/24 16:47	WB
Cyclohexane	ND		ug/m³	2.76	0.69	4	08/02/24	08/02/24 16:47	WB
Dibromochloromethane	ND		ug/m³	5.20	1.30	4	08/02/24	08/02/24 16:47	WB
1,2-Dibromoethane (EDB)	ND		ug/m³	5.60	1.40	4	08/02/24	08/02/24 16:47	WB
1,2-Dichlorobenzene	ND		ug/m³	4.80	1.20	4	08/02/24	08/02/24 16:47	WB
1,3-Dichlorobenzene	ND		ug/m³	4.80	1.20	4	08/02/24	08/02/24 16:47	WB
1,4-Dichlorobenzene	**41.1**		ug/m³	4.80	1.20	4	08/02/24	08/02/24 16:47	WB
Dichlorodifluoromethane	ND		ug/m³	3.96	3.96	4	08/02/24	08/02/24 16:47	WB
1,1-Dichloroethane	ND		ug/m³	3.24	0.81	4	08/02/24	08/02/24 16:47	WB
1,2-Dichloroethane	ND		ug/m³	3.24	0.81	4	08/02/24	08/02/24 16:47	WB
1,1-Dichloroethene	ND		ug/m³	3.16	0.79	4	08/02/24	08/02/24 16:47	WB
cis-1,2-Dichloroethene	ND		ug/m³	3.16	0.79	4	08/02/24	08/02/24 16:47	WB
trans-1,2-Dichloroethene	ND		ug/m³	3.16	0.79	4	08/02/24	08/02/24 16:47	WB
1,2-Dichloropropane	ND		ug/m³	3.68	0.92	4	08/02/24	08/02/24 16:47	WB
cis-1,3-Dichloropropene	ND		ug/m³	3.64	0.91	4	08/02/24	08/02/24 16:47	WB
trans-1,3-Dichloropropene	ND		ug/m³	3.64	0.91	4	08/02/24	08/02/24 16:47	WB
1,4-Dioxane	ND		ug/m³	2.88	0.72	4	08/02/24	08/02/24 16:47	WB
Ethyl acetate	ND		ug/m³	14.4	14.4	4	08/02/24	08/02/24 16:47	WB
Ethylbenzene	**2.08**	J	ug/m³	3.48	0.87	4	08/02/24	08/02/24 16:47	WB
4-Ethyltoluene	**1.18**	J	ug/m³	3.92	0.98	4	08/02/24	08/02/24 16:47	WB
Freon 113	ND		ug/m³	6.00	1.50	4	08/02/24	08/02/24 16:47	WB

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Rabecka Koons, Quality Assurance Officer

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1500 Caton Center Dr Suite G
Baltimore MD 21227
410-247-7600
www.mdspectral.com

Analytical Results

Project: ADDITIONAL VAPOR BURTONSVILLE

Project Number: 47:XXX
Project Manager: Nick Stella

Reported:
08/07/24 15:06

NES 0730-08

4073020-08RE1 (Vapor)
Collected from 07/30/24 09:54 thru 07/30/24 13:25

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
Volatile Organics by EPA TO-15 (GC/MS) Prepared by TO-15 Prep (continued)									
Freon 114	ND		ug/m³	5.60	5.60	4	08/02/24	08/02/24 16:47	WB
n-Heptane	**7.21**		ug/m³	3.28	0.82	4	08/02/24	08/02/24 16:47	WB
Hexachlorobutadiene	ND		ug/m³	8.40	8.40	4	08/02/24	08/02/24 16:47	WB
Hexane	ND		ug/m³	56.0	56.0	4	08/02/24	08/02/24 16:47	WB
2-Hexanone	ND		ug/m³	3.28	0.59	4	08/02/24	08/02/24 16:47	WB
Isopropylbenzene (Cumene)	ND		ug/m³	4.40	1.60	4	08/02/24	08/02/24 16:47	WB
Methyl tert-butyl ether (MTBE)	ND		ug/m³	2.88	0.82	4	08/02/24	08/02/24 16:47	WB
Methylene chloride	ND		ug/m³	72.0	72.0	4	08/02/24	08/02/24 16:47	WB
Methyl ethyl ketone (2-Butanone)	**2.36**	J	ug/m³	2.36	1.36	4	08/02/24	08/02/24 16:47	WB
Methyl isobutyl ketone	ND		ug/m³	3.28	3.28	4	08/02/24	08/02/24 16:47	WB
Naphthalene	ND		ug/m³	4.40	2.80	4	08/02/24	08/02/24 16:47	WB
Propene	**68.4**		ug/m³	1.36	1.36	4	08/02/24	08/02/24 16:47	WB
n-Propylbenzene	ND		ug/m³	3.92	1.60	4	08/02/24	08/02/24 16:47	WB
Styrene	**1.53**	J	ug/m³	3.40	0.59	4	08/02/24	08/02/24 16:47	WB
1,1,2,2-Tetrachloroethane	ND		ug/m³	5.60	1.40	4	08/02/24	08/02/24 16:47	WB
Tetrachloroethene	ND		ug/m³	5.60	2.80	4	08/02/24	08/02/24 16:47	WB
Tetrahydrofuran	ND		ug/m³	2.36	0.59	4	08/02/24	08/02/24 16:47	WB
Toluene	**11.0**		ug/m³	3.00	1.40	4	08/02/24	08/02/24 16:47	WB
1,2,4-Trichlorobenzene	ND		ug/m³	6.00	1.50	4	08/02/24	08/02/24 16:47	WB
1,1,1-Trichloroethane	ND		ug/m³	4.40	1.10	4	08/02/24	08/02/24 16:47	WB
1,1,2-Trichloroethane	ND		ug/m³	4.40	1.10	4	08/02/24	08/02/24 16:47	WB
Trichloroethene	ND		ug/m³	4.40	1.10	4	08/02/24	08/02/24 16:47	WB
Trichlorofluoromethane (Freon 11)	**1.12**	J	ug/m³	4.40	1.10	4	08/02/24	08/02/24 16:47	WB
1,2,4-Trimethylbenzene	ND		ug/m³	3.92	0.98	4	08/02/24	08/02/24 16:47	WB
1,3,5-Trimethylbenzene	ND		ug/m³	3.92	0.98	4	08/02/24	08/02/24 16:47	WB
2,2,4-Trimethylpentane	ND		ug/m³	3.72	0.93	4	08/02/24	08/02/24 16:47	WB
Vinyl acetate	ND		ug/m³	2.80	2.80	4	08/02/24	08/02/24 16:47	WB
Vinyl bromide	ND		ug/m³	3.48	0.87	4	08/02/24	08/02/24 16:47	WB
Vinyl chloride	ND		ug/m³	2.04	0.51	4	08/02/24	08/02/24 16:47	WB
o-Xylene	**1.22**	J	ug/m³	3.48	0.87	4	08/02/24	08/02/24 16:47	WB
m- & p-Xylenes	**3.47**	J	ug/m³	6.80	1.70	4	08/02/24	08/02/24 16:47	WB
Surrogate: 4-Bromofluorobenzene			*73-115*	*99 %*			*08/02/24*	*08/02/24 16:47*	

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Rabecka Koons, Quality Assurance Officer

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Baltimore MD 21227
410-247-7600
www.mdspectral.com

Analytical Results

Project: ADDITIONAL VAPOR BURTONSVILLE

Project Number: 47:XXX
Project Manager: Nick Stella

Reported:
08/07/24 15:06

Notes and Definitions

J	Detected but below the reporting limit; therefore, result is an estimated concentration (CLP J-Flag).
E	The concentration indicated for this analyte is an estimated value above the calibration range of the instrument. This value is considered an estimate (CLP E-flag).
RE	Sample reanalyses are done at the laboratory's discretion as a mechanism to improve data quality. Any client requested reanalysis will be identified with a sample qualifier.
ND	Analyte NOT DETECTED at or above the reporting limit
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
%-Solids	Percent Solids is a supportive test and as such does not require accredidation

If this report contains any samples analyzed for gasoline range organics (GRO) by EPA Method 8015C and no trip blank was shipped, stored, and received with the sample(s) as required by Section 3.1 of the EPA Method, the sample analysis contained in this report cannot exclude the possibility that any reportable GRO measurement was due to environmental contamination of the sample during shipping or storage.

Rabecka Koons, Quality Assurance Officer

All analyses performed at Maryland Spectral Services included in the report are TNI certified except as indicated at the end of the report.

Air Analysis by TO-15

Chain of Custody

Client Contact Information	Project Manager: Nicholas Strong	Carrier:	___ of ___ COCs
Company: ECS	Phone: 410-859-4300	Samplers Name(s) Nathan Smith	
Address: 1340 Charwood Road, Suite B	Site Contact:		
City/State/Zip Hanover / MD / 21076			
Phone: 410-859-4300			
FAX:			
Project Name: Additional Vapor Burtonsville	Analysis Turnaround Time		
Site: 14704 Saddle Creek Drive, Burtonsville	Standard (Specify)		
PO #	Rush (Specify)		

Client Sample ID	Sample Date Start	Time Start (24 hr clock)	Sample Date Stop	Time Stop (24 hr clock)	Canister Pressure in Field ("Hg) (Start)	Canister Pressure in Field ("Hg) (Stop)	Incoming Canister Pressure ("Hg) (Lab)	Sample Regulator ID	Can ID	Can Size (L)	TO-15 FULL LIST	TO-15 ABREVIATED LIST	Indoor / Ambient Air	Soil Gas / Subslab	Comments
NES 0730-01	07/30/24	8:57	07/30/24	1:00	30	0		SCG	081	1.4	X			X	4073020-01 A
NES 0730-02	07/30/24	9:08	07/30/24	1:05	30	1		SS	083	1.4	X			X	-02
NES 0730-03	07/30/24	9:15	07/30/24	1:08	30	1		S-AB	124	1.4	X			X	-03
NES 0730-04	07/30/24	9:22	07/30/24	1:11	30	4		S-ER	179	1.4	X			X	-04
NES 0730-05	07/30/24	9:31	07/30/24	1:16	30	5		S-UU	078	1.4	X			X	-05
NES 0730-06	07/30/24	9:40	07/30/24	1:19	30	6		S-CY	160	1.4	X			X	-06
NES 0730-07	07/30/24	9:47	07/30/24	1:23	30	7		S-MN	165	1.4	X			X	-07
NES 0730-08	07/30/24	9:54	07/30/24	1:25	30	4		S-JJ	003	1.4	X			X	-08

Special Instructions/QC Requirements & Comments:

Canisters Shipped by:	Date/Time:	Canisters Received by:	Date/Time:
Samples Relinquished by:	Date/Time: 07/30/24 2:	Received by:	Date/Time: 7/30/24 14:25
Relinquished by:	Date/Time:	Received by:	Date/Time:

EMSL Analytical, Inc.
200 Route 130 North Cinnaminson, NJ 08077
Phone/Fax: (800) 220-3675 /
http://www.EMSL.com / IndustrialHygienelab@emsl.com

EMSL Order ID:	722400876
Customer ID:	ECSL51
Customer PO:	47:18315-B
Project ID:	

Attn: Nathan Edwards
ECS Mid-Atlantic, LLC
1340 Charwood Road
Suite A
Hanover, MD 21076

Proj: Burtonsville Elementary

Phone:	(410) 859-4300
Fax:	(410) 859-4300
Collected:	07/30/2024
Received:	08/01/2024
Analyzed:	08/02/2024

Test Report: Silica w/ Total or Respirable Dust by NIOSH 7500/OSHA ID142-All Species, Alpha Quartz, Cristobalite, Tridymite

Sample ID	Collected	Location / Description	Vol (L)	Respirable Dust (mg)	Respirable Dust Concentration (mg/m³)	Silica	% Silica	Weight (µg)	Conc. (µg/m³)	Analytical Sensitivity (µg/m³)
NES0730-01	7/30/2024	South Border	960	<0.050	<0.052	α-Quartz	N/A	<5	<5.2	5.2
722400876-0001						Cristobalite	N/A	<10	<10	10
						Tridymite	N/A	<10	<10	10
						RCS		<10	<10.0	
NES0730-02	7/30/2024	South East Border	960	<0.050	<0.052	α-Quartz	N/A	<5	<5.2	5.2
722400876-0002						Cristobalite	N/A	<10	<10	10
						Tridymite	N/A	<10	<10	10
						RCS		<10	<10.0	

Analyst(s)

Claire Huynh

Owen McKenna, Chemistry Laboratory Director
or Other Approved Signatory

Any questions please contact Owen McKenna.

RCS = Respirable Crystalline Silica

Samples analyzed by EMSL Analytical - Industrial Hygiene Cinnaminson, NJ AIHA LAP, LLC-IHLAP Accreditated #100194

Initial report from: 08/05/2024 11:42:29

EMSL Analytical, Inc.
200 Route 130 North Cinnaminson, NJ 08077
Phone/Fax: (800) 220-3675 /
http://www.EMSL.com / IndustrialHygienelab@emsl.com

EMSL Order ID:	722400876
Customer ID:	ECSL51
Customer PO:	47:18315-B
Project ID:	

Attn: Nathan Edwards
ECS Mid-Atlantic, LLC
1340 Charwood Road
Suite A
Hanover, MD 21076

Proj: Burtonsville Elementary

Phone:	(410) 859-4300
Fax:	(410) 859-4300
Collected:	07/30/2024
Received:	08/01/2024
Analyzed:	08/02/2024

Test Report: Silica w/ Total or Respirable Dust by NIOSH 7500/OSHA ID142-All Species, Alpha Quartz, Cristobalite, Tridymite

QC Batch ID: 72Q240805-005

Collected	Location / Description	Vol (L)	Respirable Dust (mg)	Respirable Dust Concentration (mg/m³)	Silica	% Silica	Weight (µg)	Conc. (µg/m³)	Analytical Sensitivity (µg/m³)
		N/A	<0.050	N/A	α-Quartz	N/A	<5	N/A	N/A
Method Blank					Cristobalite	N/A	<10	N/A	N/A
					Tridymite	N/A	<10	N/A	N/A

Analyst(s)
Claire Huynh

Owen McKenna, Chemistry Laboratory Director
or Other Approved Signatory

Any questions please contact Owen McKenna.

RCS = Respirable Crystalline Silica

Samples analyzed by EMSL Analytical - Industrial Hygiene Cinnaminson, NJ AIHA LAP, LLC-IHLAP Accreditated #100194

Initial report from: 08/05/2024 11:42:29

Attachment B

Dust Monitoring Results for DM-01

Instrument Name	DustTrak DRX
Model Number	8533
Serial Number	8533133303
Firmware Version	3.1
Calibration Date	9/21/2023
Test Name	MANUAL_001
Test Start Time	8:04:44
Test Start Date	7/30/2024
Test Length [D:H:M]	0:08:00
Test Interval [M:S]	0:30
PM1 Average [mg/m3]	0.021
PM1 Minimum [mg/m3]	0.017
PM1 Maximum [mg/m3]	0.028
PM1 TWA [mg/m3]	0.021
PM2.5 Average [mg/m3]	0.021
PM2.5 Minimum [mg/m3]	0.017
PM2.5 Maximum [mg/m3]	0.028
PM2.5 TWA [mg/m3]	0.021
PM4 Average [mg/m3]	0.022
PM4 Minimum [mg/m3]	0.017
PM4 Maximum [mg/m3]	0.029
PM4 TWA [mg/m3]	0.022
PM10 Average [mg/m3]	0.022
PM10 Minimum [mg/m3]	0.018
PM10 Maximum [mg/m3]	0.036
PM10 TWA [mg/m3]	0.022
TOTAL Average [mg/m3]	0.022
TOTAL Minimum [mg/m3]	0.018
TOTAL Maximum [mg/m3]	0.04
TOTAL TWA [mg/m3]	0.022
Photometric User Cal	1
Size Correction User Cal	1
Flow User Cal	0
Errors	
Number of Samples	960

Dust Monitoring Results for DM-01

Elapsed Time [s]	PM1 [mg/m3]	PM2.5 [mg/m3]	PM4 [mg/m3]	PM10 [mg/m3]	TOTAL [mg/m3]	Alarms	Errors
30	0.027	0.028	0.028	0.029	0.029		
60	0.027	0.028	0.028	0.028	0.028		
90	0.027	0.028	0.028	0.028	0.028		
120	0.028	0.028	0.029	0.029	0.03		
150	0.028	0.028	0.029	0.029	0.03		
180	0.028	0.028	0.028	0.029	0.029		
210	0.028	0.028	0.028	0.028	0.028		
240	0.028	0.028	0.029	0.029	0.029		
270	0.028	0.028	0.028	0.029	0.029		
300	0.028	0.028	0.029	0.03	0.03		
330	0.027	0.028	0.028	0.029	0.029		
360	0.027	0.028	0.028	0.028	0.029		
390	0.028	0.028	0.029	0.03	0.03		
420	0.027	0.028	0.028	0.028	0.028		
450	0.027	0.027	0.028	0.028	0.028		
480	0.027	0.028	0.028	0.028	0.028		
510	0.027	0.027	0.027	0.027	0.027		
540	0.027	0.028	0.028	0.029	0.029		
570	0.027	0.028	0.028	0.028	0.028		
600	0.027	0.028	0.028	0.028	0.028		
630	0.027	0.027	0.027	0.027	0.027		
660	0.027	0.027	0.028	0.028	0.028		
690	0.027	0.027	0.028	0.028	0.028		
720	0.027	0.027	0.028	0.028	0.028		
750	0.027	0.027	0.027	0.028	0.028		
780	0.027	0.027	0.027	0.028	0.028		
810	0.027	0.027	0.027	0.027	0.027		
840	0.027	0.027	0.027	0.028	0.028		
870	0.027	0.027	0.027	0.028	0.029		
900	0.027	0.027	0.027	0.028	0.028		
930	0.027	0.027	0.027	0.028	0.029		
960	0.026	0.027	0.027	0.028	0.028		
990	0.026	0.026	0.027	0.027	0.027		
1020	0.026	0.026	0.026	0.027	0.027		
1050	0.027	0.027	0.027	0.028	0.028		
1080	0.026	0.026	0.027	0.028	0.028		
1110	0.026	0.027	0.027	0.027	0.027		
1140	0.027	0.027	0.027	0.028	0.028		
1170	0.026	0.026	0.027	0.027	0.027		
1200	0.026	0.026	0.027	0.027	0.027		
1230	0.026	0.027	0.027	0.027	0.028		
1260	0.026	0.026	0.027	0.027	0.027		
1290	0.026	0.027	0.027	0.027	0.027		

Dust Monitoring Results for DM-01

Elapsed Time [s]	PM1 [mg/m3]	PM2.5 [mg/m3]	PM4 [mg/m3]	PM10 [mg/m3]	TOTAL [mg/m3]	Alarms	Errors
1320	0.026	0.026	0.027	0.027	0.027		
1350	0.026	0.026	0.026	0.026	0.026		
1380	0.026	0.026	0.027	0.027	0.027		
1410	0.027	0.027	0.027	0.027	0.027		
1440	0.026	0.026	0.026	0.027	0.027		
1470	0.026	0.026	0.027	0.027	0.027		
1500	0.026	0.026	0.026	0.027	0.027		
1530	0.026	0.026	0.026	0.027	0.027		
1560	0.027	0.027	0.027	0.028	0.028		
1590	0.026	0.026	0.027	0.027	0.027		
1620	0.026	0.026	0.026	0.026	0.026		
1650	0.026	0.026	0.026	0.026	0.026		
1680	0.026	0.026	0.026	0.027	0.027		
1710	0.026	0.026	0.026	0.027	0.027		
1740	0.026	0.026	0.026	0.027	0.027		
1770	0.025	0.025	0.026	0.026	0.026		
1800	0.025	0.025	0.026	0.026	0.026		
1830	0.025	0.026	0.026	0.026	0.026		
1860	0.025	0.026	0.026	0.026	0.026		
1890	0.025	0.025	0.026	0.026	0.027		
1920	0.025	0.026	0.026	0.026	0.026		
1950	0.025	0.025	0.026	0.026	0.026		
1980	0.025	0.025	0.026	0.026	0.026		
2010	0.025	0.026	0.026	0.027	0.027		
2040	0.026	0.026	0.027	0.029	0.03		
2070	0.025	0.026	0.026	0.027	0.027		
2100	0.025	0.025	0.026	0.026	0.026		
2130	0.025	0.025	0.025	0.026	0.026		
2160	0.025	0.025	0.026	0.026	0.026		
2190	0.025	0.025	0.025	0.025	0.025		
2220	0.025	0.025	0.025	0.025	0.025		
2250	0.024	0.025	0.025	0.026	0.026		
2280	0.025	0.025	0.025	0.027	0.027		
2310	0.026	0.026	0.026	0.028	0.028		
2340	0.024	0.025	0.025	0.026	0.026		
2370	0.027	0.027	0.028	0.035	0.036		
2400	0.025	0.025	0.026	0.026	0.026		
2430	0.025	0.025	0.025	0.026	0.026		
2460	0.027	0.027	0.028	0.034	0.036		
2490	0.027	0.027	0.028	0.033	0.04		
2520	0.025	0.026	0.026	0.027	0.027		
2550	0.024	0.025	0.025	0.026	0.026		
2580	0.025	0.025	0.025	0.026	0.026		

Dust Monitoring Results for DM-01

Elapsed Time [s]	PM1 [mg/m3]	PM2.5 [mg/m3]	PM4 [mg/m3]	PM10 [mg/m3]	TOTAL [mg/m3]	Alarms	Errors
2610	0.025	0.026	0.026	0.027	0.028		
2640	0.025	0.026	0.026	0.027	0.027		
2670	0.025	0.025	0.026	0.026	0.027		
2700	0.025	0.025	0.026	0.027	0.027		
2730	0.025	0.025	0.026	0.026	0.026		
2760	0.025	0.025	0.026	0.026	0.026		
2790	0.025	0.025	0.026	0.027	0.027		
2820	0.025	0.026	0.026	0.027	0.028		
2850	0.025	0.025	0.026	0.026	0.026		
2880	0.025	0.025	0.026	0.026	0.026		
2910	0.025	0.026	0.026	0.026	0.026		
2940	0.025	0.026	0.026	0.026	0.026		
2970	0.026	0.026	0.026	0.027	0.027		
3000	0.026	0.026	0.026	0.027	0.027		
3030	0.025	0.025	0.026	0.026	0.026		
3060	0.025	0.025	0.026	0.026	0.026		
3090	0.025	0.025	0.025	0.026	0.026		
3120	0.025	0.025	0.026	0.026	0.026		
3150	0.025	0.025	0.026	0.027	0.027		
3180	0.025	0.025	0.026	0.026	0.026		
3210	0.025	0.025	0.025	0.026	0.026		
3240	0.025	0.025	0.025	0.026	0.026		
3270	0.025	0.025	0.026	0.026	0.026		
3300	0.025	0.025	0.025	0.025	0.026		
3330	0.025	0.025	0.025	0.026	0.026		
3360	0.025	0.025	0.025	0.026	0.026		
3390	0.024	0.025	0.025	0.026	0.027		
3420	0.024	0.025	0.025	0.025	0.025		
3450	0.024	0.025	0.025	0.026	0.026		
3480	0.025	0.025	0.025	0.026	0.026		
3510	0.025	0.025	0.025	0.026	0.026		
3540	0.025	0.025	0.026	0.026	0.027		
3570	0.025	0.025	0.025	0.026	0.026		
3600	0.025	0.025	0.025	0.027	0.027		
3630	0.024	0.025	0.025	0.025	0.025		
3660	0.024	0.025	0.025	0.026	0.026		
3690	0.024	0.025	0.025	0.026	0.026		
3720	0.024	0.024	0.024	0.025	0.025		
3750	0.024	0.024	0.025	0.025	0.025		
3780	0.024	0.025	0.025	0.025	0.025		
3810	0.024	0.024	0.024	0.024	0.024		
3840	0.024	0.024	0.024	0.025	0.025		
3870	0.024	0.024	0.024	0.025	0.025		

Dust Monitoring Results for DM-01

Elapsed Time [s]	PM1 [mg/m3]	PM2.5 [mg/m3]	PM4 [mg/m3]	PM10 [mg/m3]	TOTAL [mg/m3]	Alarms	Errors
3900	0.024	0.024	0.025	0.025	0.026		
3930	0.023	0.024	0.024	0.024	0.024		
3960	0.023	0.024	0.024	0.024	0.024		
3990	0.024	0.024	0.024	0.025	0.025		
4020	0.023	0.024	0.024	0.024	0.024		
4050	0.023	0.024	0.024	0.025	0.025		
4080	0.023	0.024	0.024	0.025	0.025		
4110	0.024	0.024	0.024	0.025	0.025		
4140	0.023	0.024	0.024	0.024	0.024		
4170	0.023	0.023	0.024	0.024	0.024		
4200	0.023	0.023	0.023	0.024	0.024		
4230	0.023	0.023	0.023	0.024	0.024		
4260	0.023	0.023	0.024	0.024	0.024		
4290	0.023	0.024	0.024	0.024	0.024		
4320	0.023	0.024	0.024	0.025	0.025		
4350	0.024	0.024	0.024	0.025	0.025		
4380	0.024	0.024	0.024	0.025	0.025		
4410	0.024	0.024	0.024	0.025	0.025		
4440	0.023	0.024	0.024	0.024	0.024		
4470	0.024	0.024	0.024	0.026	0.026		
4500	0.023	0.024	0.024	0.025	0.026		
4530	0.023	0.024	0.024	0.025	0.025		
4560	0.023	0.023	0.024	0.024	0.024		
4590	0.023	0.023	0.023	0.023	0.023		
4620	0.023	0.023	0.023	0.023	0.023		
4650	0.023	0.023	0.024	0.024	0.024		
4680	0.023	0.023	0.023	0.024	0.024		
4710	0.023	0.023	0.023	0.024	0.024		
4740	0.023	0.023	0.023	0.024	0.024		
4770	0.023	0.023	0.023	0.023	0.023		
4800	0.023	0.023	0.023	0.024	0.024		
4830	0.023	0.023	0.023	0.024	0.024		
4860	0.023	0.023	0.023	0.023	0.023		
4890	0.022	0.023	0.023	0.023	0.023		
4920	0.023	0.023	0.023	0.024	0.024		
4950	0.023	0.023	0.023	0.024	0.024		
4980	0.023	0.023	0.023	0.024	0.024		
5010	0.022	0.023	0.023	0.023	0.023		
5040	0.022	0.023	0.023	0.023	0.023		
5070	0.022	0.023	0.023	0.023	0.023		
5100	0.022	0.022	0.022	0.023	0.023		
5130	0.022	0.023	0.023	0.023	0.023		
5160	0.022	0.023	0.023	0.023	0.023		

Dust Monitoring Results for DM-01

Elapsed Time [s]	PM1 [mg/m3]	PM2.5 [mg/m3]	PM4 [mg/m3]	PM10 [mg/m3]	TOTAL [mg/m3]	Alarms	Errors
5190	0.022	0.023	0.023	0.023	0.023		
5220	0.022	0.022	0.022	0.022	0.022		
5250	0.022	0.022	0.023	0.023	0.023		
5280	0.022	0.022	0.022	0.023	0.023		
5310	0.022	0.022	0.022	0.023	0.023		
5340	0.022	0.022	0.022	0.023	0.023		
5370	0.022	0.022	0.022	0.023	0.023		
5400	0.022	0.022	0.023	0.024	0.024		
5430	0.022	0.022	0.022	0.023	0.023		
5460	0.022	0.022	0.022	0.023	0.023		
5490	0.022	0.022	0.022	0.023	0.023		
5520	0.022	0.022	0.022	0.023	0.023		
5550	0.022	0.022	0.023	0.023	0.024		
5580	0.022	0.023	0.023	0.023	0.023		
5610	0.022	0.022	0.023	0.023	0.023		
5640	0.022	0.022	0.023	0.023	0.023		
5670	0.022	0.022	0.023	0.023	0.023		
5700	0.023	0.023	0.024	0.024	0.024		
5730	0.023	0.023	0.023	0.024	0.025		
5760	0.022	0.022	0.023	0.023	0.024		
5790	0.022	0.023	0.023	0.024	0.024		
5820	0.022	0.022	0.023	0.023	0.023		
5850	0.022	0.022	0.023	0.024	0.024		
5880	0.022	0.023	0.023	0.023	0.023		
5910	0.022	0.023	0.023	0.024	0.024		
5940	0.022	0.022	0.023	0.023	0.023		
5970	0.022	0.022	0.022	0.023	0.023		
6000	0.022	0.022	0.023	0.023	0.023		
6030	0.023	0.023	0.023	0.024	0.024		
6060	0.022	0.023	0.023	0.023	0.023		
6090	0.022	0.023	0.023	0.023	0.023		
6120	0.022	0.022	0.023	0.023	0.023		
6150	0.022	0.022	0.023	0.023	0.023		
6180	0.022	0.022	0.022	0.023	0.023		
6210	0.022	0.022	0.023	0.023	0.023		
6240	0.023	0.023	0.023	0.024	0.024		
6270	0.022	0.022	0.023	0.023	0.023		
6300	0.022	0.022	0.022	0.023	0.023		
6330	0.022	0.023	0.023	0.023	0.023		
6360	0.022	0.022	0.023	0.023	0.023		
6390	0.022	0.022	0.023	0.023	0.023		
6420	0.022	0.022	0.022	0.022	0.023		
6450	0.022	0.022	0.022	0.023	0.023		

Dust Monitoring Results for DM-01

Elapsed Time [s]	PM1 [mg/m3]	PM2.5 [mg/m3]	PM4 [mg/m3]	PM10 [mg/m3]	TOTAL [mg/m3]	Alarms	Errors
6480	0.022	0.022	0.022	0.023	0.023		
6510	0.021	0.022	0.022	0.022	0.022		
6540	0.021	0.022	0.022	0.022	0.022		
6570	0.022	0.022	0.022	0.022	0.022		
6600	0.022	0.022	0.022	0.023	0.023		
6630	0.022	0.022	0.022	0.022	0.022		
6660	0.022	0.022	0.022	0.024	0.024		
6690	0.021	0.022	0.022	0.022	0.022		
6720	0.022	0.022	0.022	0.023	0.023		
6750	0.022	0.022	0.022	0.023	0.024		
6780	0.021	0.021	0.022	0.022	0.022		
6810	0.021	0.022	0.022	0.022	0.022		
6840	0.021	0.022	0.022	0.022	0.022		
6870	0.022	0.022	0.022	0.022	0.022		
6900	0.022	0.022	0.022	0.022	0.022		
6930	0.022	0.022	0.022	0.023	0.023		
6960	0.022	0.023	0.023	0.024	0.024		
6990	0.022	0.022	0.023	0.024	0.024		
7020	0.022	0.022	0.022	0.023	0.023		
7050	0.022	0.023	0.023	0.024	0.024		
7080	0.022	0.023	0.023	0.024	0.025		
7110	0.022	0.023	0.023	0.024	0.024		
7140	0.022	0.022	0.022	0.023	0.023		
7170	0.022	0.022	0.023	0.023	0.023		
7200	0.022	0.023	0.023	0.023	0.023		
7230	0.022	0.022	0.022	0.022	0.022		
7260	0.022	0.022	0.022	0.023	0.023		
7290	0.022	0.022	0.022	0.023	0.024		
7320	0.022	0.023	0.023	0.024	0.024		
7350	0.023	0.023	0.023	0.024	0.024		
7380	0.023	0.023	0.023	0.024	0.025		
7410	0.023	0.023	0.024	0.024	0.025		
7440	0.023	0.023	0.023	0.025	0.026		
7470	0.022	0.023	0.023	0.025	0.025		
7500	0.022	0.023	0.023	0.023	0.023		
7530	0.022	0.023	0.023	0.024	0.024		
7560	0.023	0.023	0.023	0.024	0.024		
7590	0.022	0.023	0.023	0.023	0.023		
7620	0.022	0.023	0.023	0.023	0.023		
7650	0.022	0.023	0.023	0.023	0.023		
7680	0.022	0.023	0.023	0.024	0.024		
7710	0.022	0.022	0.023	0.023	0.023		
7740	0.022	0.022	0.023	0.023	0.023		

Dust Monitoring Results for DM-01

Elapsed Time [s]	PM1 [mg/m3]	PM2.5 [mg/m3]	PM4 [mg/m3]	PM10 [mg/m3]	TOTAL [mg/m3]	Alarms	Errors
7770	0.022	0.022	0.022	0.024	0.024		
7800	0.022	0.022	0.022	0.023	0.023		
7830	0.022	0.022	0.022	0.023	0.023		
7860	0.022	0.023	0.023	0.023	0.024		
7890	0.022	0.022	0.022	0.023	0.023		
7920	0.022	0.022	0.022	0.023	0.023		
7950	0.022	0.023	0.023	0.023	0.024		
7980	0.022	0.022	0.022	0.023	0.023		
8010	0.022	0.022	0.022	0.023	0.023		
8040	0.022	0.022	0.022	0.022	0.023		
8070	0.022	0.022	0.023	0.023	0.023		
8100	0.022	0.022	0.023	0.023	0.023		
8130	0.022	0.022	0.022	0.023	0.023		
8160	0.022	0.022	0.022	0.023	0.023		
8190	0.021	0.022	0.022	0.022	0.022		
8220	0.022	0.022	0.022	0.022	0.022		
8250	0.022	0.022	0.023	0.023	0.023		
8280	0.022	0.022	0.022	0.023	0.023		
8310	0.022	0.022	0.022	0.023	0.023		
8340	0.022	0.022	0.022	0.022	0.022		
8370	0.021	0.021	0.022	0.022	0.022		
8400	0.021	0.021	0.021	0.022	0.022		
8430	0.021	0.022	0.022	0.022	0.022		
8460	0.022	0.022	0.022	0.022	0.023		
8490	0.022	0.022	0.023	0.023	0.023		
8520	0.021	0.022	0.022	0.022	0.022		
8550	0.022	0.022	0.022	0.022	0.022		
8580	0.021	0.022	0.022	0.022	0.022		
8610	0.022	0.022	0.022	0.022	0.022		
8640	0.021	0.022	0.022	0.022	0.022		
8670	0.021	0.021	0.022	0.022	0.022		
8700	0.021	0.022	0.022	0.022	0.022		
8730	0.021	0.021	0.022	0.022	0.022		
8760	0.021	0.022	0.022	0.022	0.022		
8790	0.022	0.022	0.022	0.023	0.023		
8820	0.022	0.022	0.022	0.023	0.023		
8850	0.021	0.021	0.022	0.022	0.022		
8880	0.021	0.022	0.022	0.023	0.023		
8910	0.021	0.021	0.021	0.022	0.022		
8940	0.021	0.021	0.022	0.022	0.022		
8970	0.021	0.022	0.022	0.022	0.022		
9000	0.021	0.021	0.022	0.022	0.022		
9030	0.021	0.021	0.021	0.022	0.022		

Dust Monitoring Results for DM-01

Elapsed Time [s]	PM1 [mg/m3]	PM2.5 [mg/m3]	PM4 [mg/m3]	PM10 [mg/m3]	TOTAL [mg/m3]	Alarms	Errors
9060	0.021	0.021	0.021	0.022	0.022		
9090	0.021	0.021	0.021	0.022	0.022		
9120	0.021	0.021	0.021	0.022	0.022		
9150	0.021	0.021	0.021	0.021	0.022		
9180	0.021	0.021	0.021	0.022	0.022		
9210	0.021	0.021	0.021	0.022	0.022		
9240	0.021	0.021	0.021	0.021	0.021		
9270	0.02	0.021	0.021	0.021	0.021		
9300	0.021	0.021	0.022	0.022	0.022		
9330	0.021	0.021	0.021	0.022	0.022		
9360	0.021	0.021	0.022	0.022	0.023		
9390	0.02	0.021	0.021	0.021	0.021		
9420	0.02	0.021	0.021	0.021	0.021		
9450	0.02	0.021	0.021	0.021	0.021		
9480	0.02	0.02	0.021	0.021	0.021		
9510	0.02	0.021	0.021	0.021	0.022		
9540	0.021	0.021	0.021	0.022	0.022		
9570	0.02	0.021	0.021	0.021	0.021		
9600	0.021	0.021	0.021	0.021	0.021		
9630	0.021	0.021	0.021	0.022	0.022		
9660	0.021	0.021	0.021	0.021	0.021		
9690	0.021	0.021	0.021	0.021	0.021		
9720	0.021	0.021	0.021	0.022	0.022		
9750	0.021	0.021	0.021	0.022	0.022		
9780	0.021	0.021	0.021	0.022	0.022		
9810	0.02	0.021	0.021	0.021	0.021		
9840	0.02	0.02	0.02	0.021	0.021		
9870	0.021	0.021	0.021	0.022	0.023		
9900	0.02	0.02	0.02	0.02	0.02		
9930	0.02	0.02	0.02	0.02	0.02		
9960	0.02	0.02	0.02	0.02	0.02		
9990	0.021	0.021	0.021	0.022	0.022		
10020	0.021	0.021	0.021	0.021	0.021		
10050	0.021	0.022	0.022	0.024	0.024		
10080	0.021	0.021	0.021	0.022	0.022		
10110	0.021	0.021	0.021	0.022	0.022		
10140	0.02	0.021	0.021	0.021	0.021		
10170	0.02	0.021	0.021	0.021	0.021		
10200	0.021	0.021	0.021	0.022	0.022		
10230	0.021	0.021	0.021	0.022	0.022		
10260	0.021	0.022	0.022	0.023	0.024		
10290	0.021	0.021	0.022	0.022	0.022		
10320	0.021	0.021	0.022	0.023	0.023		

Dust Monitoring Results for DM-01

Elapsed Time [s]	PM1 [mg/m3]	PM2.5 [mg/m3]	PM4 [mg/m3]	PM10 [mg/m3]	TOTAL [mg/m3]	Alarms	Errors
10350	0.021	0.021	0.022	0.022	0.022		
10380	0.022	0.022	0.023	0.024	0.025		
10410	0.021	0.021	0.022	0.023	0.023		
10440	0.021	0.022	0.022	0.024	0.025		
10470	0.021	0.022	0.022	0.023	0.023		
10500	0.021	0.022	0.022	0.024	0.024		
10530	0.02	0.021	0.021	0.023	0.023		
10560	0.021	0.021	0.021	0.023	0.023		
10590	0.021	0.021	0.022	0.023	0.023		
10620	0.021	0.022	0.022	0.024	0.024		
10650	0.021	0.022	0.022	0.024	0.024		
10680	0.022	0.022	0.023	0.026	0.026		
10710	0.021	0.022	0.023	0.024	0.024		
10740	0.02	0.021	0.021	0.022	0.022		
10770	0.021	0.021	0.021	0.022	0.023		
10800	0.02	0.021	0.021	0.022	0.022		
10830	0.021	0.021	0.021	0.022	0.023		
10860	0.021	0.021	0.021	0.022	0.022		
10890	0.021	0.021	0.022	0.023	0.023		
10920	0.02	0.02	0.02	0.021	0.021		
10950	0.02	0.021	0.021	0.022	0.022		
10980	0.02	0.02	0.02	0.02	0.02		
11010	0.02	0.02	0.021	0.021	0.021		
11040	0.02	0.021	0.021	0.022	0.022		
11070	0.021	0.022	0.022	0.023	0.023		
11100	0.021	0.021	0.022	0.023	0.023		
11130	0.022	0.022	0.022	0.024	0.024		
11160	0.021	0.022	0.022	0.023	0.024		
11190	0.02	0.02	0.021	0.021	0.021		
11220	0.02	0.021	0.021	0.021	0.021		
11250	0.02	0.02	0.021	0.021	0.021		
11280	0.02	0.02	0.021	0.021	0.022		
11310	0.021	0.021	0.021	0.022	0.023		
11340	0.02	0.021	0.021	0.022	0.022		
11370	0.02	0.021	0.021	0.022	0.022		
11400	0.02	0.02	0.02	0.021	0.021		
11430	0.019	0.02	0.02	0.02	0.02		
11460	0.02	0.02	0.02	0.021	0.021		
11490	0.02	0.02	0.02	0.021	0.021		
11520	0.02	0.02	0.02	0.02	0.02		
11550	0.02	0.02	0.02	0.021	0.021		
11580	0.02	0.02	0.02	0.021	0.021		
11610	0.019	0.02	0.02	0.02	0.02		

Dust Monitoring Results for DM-01

Elapsed Time [s]	PM1 [mg/m3]	PM2.5 [mg/m3]	PM4 [mg/m3]	PM10 [mg/m3]	TOTAL [mg/m3]	Alarms	Errors
11640	0.019	0.02	0.02	0.02	0.02		
11670	0.019	0.019	0.02	0.02	0.02		
11700	0.019	0.019	0.02	0.02	0.02		
11730	0.019	0.02	0.02	0.02	0.02		
11760	0.019	0.019	0.019	0.02	0.02		
11790	0.019	0.019	0.019	0.019	0.019		
11820	0.019	0.019	0.02	0.02	0.02		
11850	0.019	0.019	0.02	0.02	0.02		
11880	0.019	0.019	0.02	0.021	0.021		
11910	0.022	0.023	0.024	0.028	0.031		
11940	0.019	0.02	0.02	0.021	0.021		
11970	0.019	0.019	0.019	0.02	0.02		
12000	0.019	0.019	0.019	0.019	0.019		
12030	0.019	0.019	0.019	0.02	0.02		
12060	0.019	0.019	0.019	0.019	0.019		
12090	0.019	0.019	0.019	0.019	0.019		
12120	0.019	0.019	0.019	0.02	0.02		
12150	0.019	0.019	0.02	0.02	0.02		
12180	0.019	0.019	0.019	0.02	0.02		
12210	0.019	0.019	0.02	0.021	0.021		
12240	0.019	0.019	0.02	0.02	0.02		
12270	0.019	0.02	0.02	0.021	0.021		
12300	0.019	0.019	0.02	0.02	0.02		
12330	0.02	0.02	0.02	0.021	0.021		
12360	0.019	0.019	0.02	0.02	0.02		
12390	0.019	0.019	0.02	0.02	0.02		
12420	0.019	0.02	0.02	0.02	0.02		
12450	0.02	0.02	0.02	0.02	0.02		
12480	0.019	0.019	0.019	0.02	0.02		
12510	0.02	0.02	0.02	0.021	0.021		
12540	0.019	0.019	0.02	0.021	0.022		
12570	0.02	0.02	0.02	0.021	0.021		
12600	0.02	0.02	0.02	0.02	0.02		
12630	0.019	0.02	0.02	0.02	0.02		
12660	0.02	0.02	0.02	0.021	0.021		
12690	0.02	0.02	0.021	0.021	0.021		
12720	0.019	0.019	0.02	0.02	0.02		
12750	0.02	0.02	0.02	0.02	0.02		
12780	0.02	0.02	0.02	0.02	0.02		
12810	0.02	0.02	0.02	0.021	0.021		
12840	0.02	0.02	0.021	0.021	0.021		
12870	0.02	0.021	0.021	0.022	0.022		
12900	0.02	0.02	0.02	0.02	0.02		

Dust Monitoring Results for DM-01

Elapsed Time [s]	PM1 [mg/m3]	PM2.5 [mg/m3]	PM4 [mg/m3]	PM10 [mg/m3]	TOTAL [mg/m3]	Alarms	Errors
12930	0.02	0.02	0.021	0.021	0.021		
12960	0.02	0.02	0.02	0.021	0.021		
12990	0.02	0.02	0.02	0.021	0.021		
13020	0.02	0.02	0.02	0.021	0.021		
13050	0.02	0.02	0.02	0.02	0.02		
13080	0.02	0.02	0.02	0.021	0.021		
13110	0.02	0.02	0.021	0.021	0.021		
13140	0.02	0.02	0.02	0.02	0.02		
13170	0.02	0.02	0.02	0.02	0.02		
13200	0.02	0.02	0.02	0.021	0.021		
13230	0.02	0.02	0.02	0.02	0.02		
13260	0.02	0.02	0.02	0.02	0.02		
13290	0.02	0.02	0.02	0.021	0.021		
13320	0.02	0.02	0.02	0.02	0.02		
13350	0.02	0.02	0.02	0.02	0.02		
13380	0.02	0.02	0.02	0.02	0.02		
13410	0.02	0.02	0.02	0.021	0.021		
13440	0.02	0.02	0.02	0.021	0.021		
13470	0.02	0.02	0.02	0.02	0.02		
13500	0.019	0.019	0.02	0.02	0.02		
13530	0.02	0.02	0.02	0.021	0.021		
13560	0.02	0.02	0.02	0.02	0.02		
13590	0.02	0.02	0.02	0.02	0.02		
13620	0.02	0.02	0.02	0.02	0.02		
13650	0.02	0.02	0.02	0.02	0.02		
13680	0.019	0.019	0.02	0.02	0.02		
13710	0.019	0.019	0.02	0.02	0.02		
13740	0.019	0.02	0.02	0.02	0.02		
13770	0.019	0.02	0.02	0.02	0.02		
13800	0.019	0.019	0.019	0.02	0.02		
13830	0.019	0.02	0.02	0.021	0.021		
13860	0.019	0.019	0.019	0.02	0.02		
13890	0.02	0.02	0.02	0.021	0.021		
13920	0.019	0.019	0.02	0.02	0.02		
13950	0.02	0.02	0.02	0.02	0.021		
13980	0.019	0.019	0.02	0.02	0.02		
14010	0.019	0.019	0.02	0.021	0.021		
14040	0.019	0.019	0.019	0.02	0.02		
14070	0.019	0.019	0.019	0.02	0.02		
14100	0.019	0.019	0.019	0.02	0.02		
14130	0.019	0.019	0.019	0.02	0.02		
14160	0.019	0.019	0.019	0.02	0.02		
14190	0.019	0.019	0.019	0.019	0.019		

Dust Monitoring Results for DM-01

Elapsed Time [s]	PM1 [mg/m3]	PM2.5 [mg/m3]	PM4 [mg/m3]	PM10 [mg/m3]	TOTAL [mg/m3]	Alarms	Errors
14220	0.019	0.019	0.019	0.02	0.02		
14250	0.019	0.019	0.019	0.019	0.019		
14280	0.018	0.019	0.019	0.019	0.019		
14310	0.018	0.019	0.019	0.019	0.019		
14340	0.018	0.018	0.019	0.019	0.019		
14370	0.018	0.019	0.019	0.019	0.019		
14400	0.018	0.018	0.019	0.019	0.019		
14430	0.018	0.019	0.019	0.019	0.02		
14460	0.018	0.018	0.018	0.018	0.018		
14490	0.018	0.018	0.019	0.019	0.019		
14520	0.018	0.019	0.019	0.019	0.02		
14550	0.018	0.019	0.019	0.019	0.019		
14580	0.018	0.018	0.019	0.019	0.019		
14610	0.018	0.019	0.019	0.019	0.019		
14640	0.018	0.019	0.019	0.019	0.019		
14670	0.018	0.019	0.019	0.02	0.02		
14700	0.018	0.018	0.018	0.019	0.019		
14730	0.018	0.018	0.018	0.019	0.019		
14760	0.018	0.018	0.018	0.018	0.018		
14790	0.018	0.018	0.018	0.019	0.019		
14820	0.018	0.018	0.018	0.018	0.019		
14850	0.018	0.019	0.019	0.019	0.019		
14880	0.018	0.018	0.019	0.019	0.019		
14910	0.018	0.019	0.019	0.019	0.019		
14940	0.018	0.018	0.019	0.019	0.019		
14970	0.018	0.018	0.018	0.018	0.018		
15000	0.018	0.018	0.019	0.019	0.019		
15030	0.018	0.018	0.018	0.019	0.019		
15060	0.018	0.019	0.019	0.019	0.019		
15090	0.018	0.018	0.018	0.019	0.019		
15120	0.018	0.018	0.018	0.019	0.019		
15150	0.019	0.019	0.019	0.02	0.02		
15180	0.018	0.019	0.019	0.019	0.019		
15210	0.018	0.018	0.019	0.019	0.019		
15240	0.018	0.019	0.019	0.019	0.019		
15270	0.018	0.019	0.019	0.02	0.02		
15300	0.018	0.018	0.018	0.019	0.019		
15330	0.018	0.018	0.018	0.019	0.02		
15360	0.018	0.018	0.019	0.019	0.019		
15390	0.018	0.018	0.019	0.019	0.02		
15420	0.018	0.018	0.018	0.019	0.019		
15450	0.018	0.019	0.019	0.019	0.019		
15480	0.018	0.018	0.018	0.019	0.019		

Dust Monitoring Results for DM-01

Elapsed Time [s]	PM1 [mg/m3]	PM2.5 [mg/m3]	PM4 [mg/m3]	PM10 [mg/m3]	TOTAL [mg/m3]	Alarms	Errors
15510	0.018	0.019	0.019	0.019	0.02		
15540	0.018	0.018	0.018	0.018	0.018		
15570	0.018	0.018	0.018	0.019	0.019		
15600	0.018	0.018	0.018	0.018	0.018		
15630	0.018	0.018	0.018	0.018	0.018		
15660	0.017	0.018	0.018	0.018	0.018		
15690	0.018	0.018	0.018	0.018	0.018		
15720	0.018	0.018	0.018	0.018	0.018		
15750	0.018	0.018	0.018	0.018	0.018		
15780	0.018	0.018	0.018	0.018	0.018		
15810	0.017	0.018	0.018	0.018	0.018		
15840	0.018	0.018	0.018	0.018	0.018		
15870	0.018	0.018	0.018	0.018	0.019		
15900	0.017	0.018	0.018	0.018	0.018		
15930	0.018	0.018	0.018	0.018	0.018		
15960	0.018	0.018	0.018	0.018	0.018		
15990	0.018	0.018	0.018	0.02	0.02		
16020	0.018	0.018	0.018	0.019	0.019		
16050	0.017	0.018	0.018	0.018	0.018		
16080	0.018	0.018	0.018	0.018	0.018		
16110	0.017	0.018	0.018	0.018	0.018		
16140	0.017	0.018	0.018	0.018	0.019		
16170	0.018	0.018	0.018	0.018	0.018		
16200	0.018	0.018	0.018	0.019	0.019		
16230	0.018	0.018	0.018	0.019	0.019		
16260	0.017	0.018	0.018	0.018	0.018		
16290	0.018	0.018	0.018	0.018	0.018		
16320	0.018	0.018	0.018	0.019	0.019		
16350	0.017	0.018	0.018	0.018	0.018		
16380	0.017	0.018	0.018	0.018	0.019		
16410	0.018	0.018	0.018	0.018	0.018		
16440	0.017	0.018	0.018	0.018	0.018		
16470	0.017	0.018	0.018	0.018	0.018		
16500	0.017	0.017	0.017	0.018	0.018		
16530	0.017	0.018	0.018	0.018	0.018		
16560	0.017	0.017	0.018	0.018	0.018		
16590	0.018	0.018	0.018	0.018	0.018		
16620	0.018	0.018	0.018	0.018	0.018		
16650	0.017	0.018	0.018	0.018	0.018		
16680	0.018	0.018	0.018	0.018	0.018		
16710	0.018	0.018	0.018	0.018	0.018		
16740	0.018	0.018	0.018	0.018	0.018		
16770	0.017	0.018	0.018	0.018	0.018		

Dust Monitoring Results for DM-01

Elapsed Time [s]	PM1 [mg/m3]	PM2.5 [mg/m3]	PM4 [mg/m3]	PM10 [mg/m3]	TOTAL [mg/m3]	Alarms	Errors
16800	0.018	0.018	0.018	0.019	0.02		
16830	0.017	0.018	0.018	0.018	0.018		
16860	0.018	0.018	0.019	0.019	0.019		
16890	0.018	0.018	0.018	0.018	0.018		
16920	0.017	0.017	0.018	0.018	0.018		
16950	0.018	0.018	0.018	0.019	0.019		
16980	0.018	0.018	0.018	0.018	0.018		
17010	0.018	0.018	0.018	0.019	0.019		
17040	0.018	0.018	0.018	0.019	0.019		
17070	0.018	0.018	0.019	0.019	0.019		
17100	0.018	0.018	0.019	0.019	0.019		
17130	0.018	0.018	0.018	0.019	0.019		
17160	0.018	0.018	0.018	0.019	0.019		
17190	0.018	0.018	0.019	0.019	0.019		
17220	0.019	0.019	0.019	0.019	0.02		
17250	0.018	0.018	0.018	0.019	0.019		
17280	0.018	0.019	0.019	0.02	0.021		
17310	0.018	0.018	0.018	0.019	0.019		
17340	0.018	0.018	0.019	0.019	0.019		
17370	0.018	0.018	0.018	0.019	0.019		
17400	0.018	0.018	0.019	0.019	0.019		
17430	0.018	0.018	0.018	0.019	0.019		
17460	0.018	0.018	0.019	0.019	0.019		
17490	0.018	0.018	0.019	0.019	0.019		
17520	0.018	0.018	0.019	0.019	0.019		
17550	0.018	0.018	0.019	0.019	0.019		
17580	0.02	0.02	0.021	0.023	0.025		
17610	0.018	0.018	0.018	0.019	0.019		
17640	0.018	0.018	0.018	0.019	0.02		
17670	0.018	0.018	0.019	0.019	0.019		
17700	0.018	0.018	0.018	0.019	0.019		
17730	0.018	0.018	0.018	0.018	0.018		
17760	0.018	0.018	0.018	0.019	0.019		
17790	0.018	0.018	0.019	0.019	0.019		
17820	0.019	0.019	0.019	0.02	0.02		
17850	0.019	0.019	0.019	0.02	0.02		
17880	0.019	0.019	0.019	0.02	0.021		
17910	0.018	0.018	0.018	0.019	0.019		
17940	0.019	0.019	0.019	0.02	0.02		
17970	0.018	0.018	0.019	0.019	0.019		
18000	0.018	0.019	0.019	0.019	0.019		
18030	0.018	0.018	0.019	0.019	0.019		
18060	0.018	0.018	0.018	0.019	0.019		

Dust Monitoring Results for DM-01

Elapsed Time [s]	PM1 [mg/m3]	PM2.5 [mg/m3]	PM4 [mg/m3]	PM10 [mg/m3]	TOTAL [mg/m3]	Alarms	Errors
18090	0.018	0.018	0.018	0.019	0.019		
18120	0.018	0.019	0.019	0.019	0.019		
18150	0.019	0.019	0.019	0.02	0.022		
18180	0.019	0.019	0.019	0.02	0.02		
18210	0.018	0.018	0.018	0.019	0.019		
18240	0.019	0.019	0.019	0.02	0.02		
18270	0.019	0.019	0.019	0.02	0.02		
18300	0.018	0.019	0.019	0.019	0.019		
18330	0.019	0.019	0.019	0.02	0.02		
18360	0.018	0.018	0.019	0.019	0.019		
18390	0.018	0.018	0.018	0.019	0.019		
18420	0.018	0.019	0.019	0.019	0.019		
18450	0.018	0.019	0.019	0.019	0.02		
18480	0.018	0.019	0.019	0.019	0.019		
18510	0.019	0.019	0.019	0.019	0.019		
18540	0.018	0.019	0.019	0.019	0.019		
18570	0.019	0.019	0.019	0.019	0.019		
18600	0.019	0.019	0.019	0.02	0.02		
18630	0.02	0.02	0.02	0.021	0.021		
18660	0.019	0.02	0.02	0.02	0.02		
18690	0.019	0.02	0.02	0.02	0.02		
18720	0.019	0.02	0.02	0.02	0.02		
18750	0.019	0.02	0.02	0.02	0.02		
18780	0.019	0.019	0.02	0.02	0.02		
18810	0.019	0.02	0.02	0.02	0.02		
18840	0.019	0.02	0.02	0.02	0.02		
18870	0.02	0.02	0.02	0.021	0.021		
18900	0.02	0.02	0.02	0.02	0.02		
18930	0.019	0.02	0.02	0.02	0.02		
18960	0.019	0.02	0.02	0.02	0.02		
18990	0.02	0.02	0.02	0.021	0.021		
19020	0.02	0.02	0.02	0.021	0.021		
19050	0.02	0.02	0.02	0.02	0.02		
19080	0.02	0.02	0.02	0.02	0.02		
19110	0.02	0.02	0.021	0.021	0.021		
19140	0.02	0.02	0.02	0.021	0.021		
19170	0.02	0.02	0.02	0.021	0.021		
19200	0.02	0.02	0.02	0.02	0.02		
19230	0.02	0.02	0.02	0.021	0.021		
19260	0.02	0.02	0.02	0.021	0.021		
19290	0.02	0.021	0.021	0.021	0.021		
19320	0.02	0.021	0.021	0.022	0.022		
19350	0.02	0.021	0.021	0.021	0.021		

Dust Monitoring Results for DM-01

Elapsed Time [s]	PM1 [mg/m3]	PM2.5 [mg/m3]	PM4 [mg/m3]	PM10 [mg/m3]	TOTAL [mg/m3]	Alarms	Errors
19380	0.02	0.02	0.021	0.021	0.021		
19410	0.021	0.021	0.021	0.023	0.023		
19440	0.02	0.021	0.021	0.021	0.021		
19470	0.02	0.02	0.021	0.021	0.021		
19500	0.02	0.02	0.02	0.021	0.021		
19530	0.02	0.02	0.02	0.021	0.021		
19560	0.02	0.021	0.021	0.021	0.022		
19590	0.02	0.02	0.02	0.021	0.022		
19620	0.02	0.02	0.021	0.021	0.021		
19650	0.02	0.02	0.021	0.021	0.021		
19680	0.02	0.02	0.02	0.02	0.02		
19710	0.021	0.021	0.021	0.022	0.023		
19740	0.02	0.021	0.021	0.021	0.021		
19770	0.021	0.021	0.021	0.021	0.021		
19800	0.021	0.021	0.021	0.022	0.022		
19830	0.021	0.021	0.021	0.021	0.021		
19860	0.02	0.02	0.02	0.02	0.02		
19890	0.02	0.02	0.02	0.021	0.021		
19920	0.02	0.021	0.021	0.021	0.021		
19950	0.02	0.02	0.021	0.021	0.021		
19980	0.02	0.02	0.02	0.021	0.021		
20010	0.02	0.02	0.02	0.021	0.021		
20040	0.02	0.02	0.021	0.022	0.022		
20070	0.02	0.02	0.02	0.021	0.021		
20100	0.02	0.02	0.02	0.021	0.021		
20130	0.02	0.02	0.02	0.02	0.02		
20160	0.02	0.02	0.02	0.021	0.021		
20190	0.02	0.02	0.02	0.021	0.021		
20220	0.019	0.02	0.02	0.02	0.02		
20250	0.019	0.02	0.02	0.02	0.02		
20280	0.02	0.02	0.02	0.021	0.021		
20310	0.02	0.02	0.02	0.021	0.021		
20340	0.02	0.02	0.02	0.021	0.021		
20370	0.024	0.024	0.026	0.036	0.038		
20400	0.02	0.021	0.021	0.023	0.024		
20430	0.02	0.02	0.02	0.021	0.021		
20460	0.02	0.02	0.02	0.02	0.02		
20490	0.021	0.021	0.021	0.022	0.024		
20520	0.02	0.02	0.02	0.021	0.021		
20550	0.02	0.02	0.02	0.021	0.021		
20580	0.02	0.021	0.021	0.022	0.022		
20610	0.02	0.02	0.02	0.021	0.021		
20640	0.02	0.02	0.02	0.021	0.021		

Dust Monitoring Results for DM-01

Elapsed Time [s]	PM1 [mg/m3]	PM2.5 [mg/m3]	PM4 [mg/m3]	PM10 [mg/m3]	TOTAL [mg/m3]	Alarms	Errors
20670	0.02	0.02	0.02	0.021	0.021		
20700	0.02	0.021	0.021	0.021	0.021		
20730	0.02	0.021	0.021	0.021	0.021		
20760	0.02	0.02	0.02	0.02	0.02		
20790	0.02	0.021	0.021	0.021	0.021		
20820	0.02	0.02	0.021	0.021	0.021		
20850	0.02	0.02	0.021	0.021	0.021		
20880	0.02	0.02	0.02	0.02	0.02		
20910	0.02	0.021	0.021	0.021	0.021		
20940	0.02	0.02	0.02	0.021	0.021		
20970	0.02	0.02	0.021	0.021	0.021		
21000	0.02	0.021	0.021	0.021	0.021		
21030	0.02	0.02	0.02	0.021	0.021		
21060	0.02	0.021	0.021	0.022	0.023		
21090	0.02	0.021	0.021	0.021	0.021		
21120	0.02	0.02	0.02	0.021	0.021		
21150	0.021	0.021	0.021	0.022	0.022		
21180	0.021	0.021	0.021	0.022	0.023		
21210	0.021	0.021	0.021	0.022	0.023		
21240	0.021	0.021	0.021	0.023	0.023		
21270	0.02	0.021	0.021	0.022	0.022		
21300	0.021	0.021	0.021	0.022	0.022		
21330	0.021	0.021	0.021	0.022	0.022		
21360	0.02	0.021	0.021	0.021	0.021		
21390	0.02	0.02	0.021	0.022	0.022		
21420	0.02	0.02	0.021	0.021	0.021		
21450	0.02	0.02	0.021	0.021	0.021		
21480	0.02	0.02	0.021	0.022	0.022		
21510	0.02	0.02	0.021	0.021	0.021		
21540	0.02	0.02	0.02	0.02	0.02		
21570	0.02	0.02	0.02	0.021	0.021		
21600	0.02	0.02	0.02	0.021	0.021		
21630	0.02	0.02	0.02	0.021	0.021		
21660	0.02	0.02	0.02	0.021	0.021		
21690	0.02	0.02	0.02	0.021	0.022		
21720	0.02	0.021	0.021	0.021	0.022		
21750	0.02	0.021	0.021	0.022	0.022		
21780	0.022	0.022	0.022	0.024	0.024		
21810	0.021	0.022	0.022	0.024	0.024		
21840	0.021	0.021	0.022	0.023	0.023		
21870	0.021	0.021	0.022	0.023	0.023		
21900	0.021	0.021	0.021	0.022	0.022		
21930	0.021	0.021	0.021	0.022	0.022		

Dust Monitoring Results for DM-01

Elapsed Time [s]	PM1 [mg/m3]	PM2.5 [mg/m3]	PM4 [mg/m3]	PM10 [mg/m3]	TOTAL [mg/m3]	Alarms	Errors
21960	0.021	0.021	0.021	0.022	0.022		
21990	0.021	0.021	0.021	0.021	0.021		
22020	0.021	0.022	0.022	0.024	0.024		
22050	0.022	0.022	0.022	0.023	0.023		
22080	0.022	0.022	0.023	0.024	0.025		
22110	0.021	0.021	0.021	0.022	0.022		
22140	0.021	0.021	0.021	0.022	0.022		
22170	0.02	0.02	0.021	0.021	0.021		
22200	0.021	0.021	0.021	0.021	0.022		
22230	0.021	0.021	0.021	0.022	0.022		
22260	0.02	0.021	0.021	0.023	0.023		
22290	0.021	0.021	0.021	0.022	0.022		
22320	0.021	0.021	0.021	0.022	0.022		
22350	0.022	0.022	0.022	0.024	0.025		
22380	0.021	0.021	0.022	0.022	0.022		
22410	0.022	0.022	0.022	0.024	0.025		
22440	0.021	0.022	0.022	0.023	0.023		
22470	0.021	0.021	0.022	0.022	0.022		
22500	0.021	0.021	0.021	0.022	0.022		
22530	0.02	0.02	0.021	0.022	0.022		
22560	0.02	0.02	0.021	0.021	0.021		
22590	0.02	0.02	0.02	0.021	0.021		
22620	0.02	0.02	0.02	0.021	0.021		
22650	0.02	0.02	0.021	0.021	0.021		
22680	0.021	0.022	0.022	0.023	0.024		
22710	0.02	0.021	0.021	0.022	0.022		
22740	0.02	0.021	0.021	0.022	0.022		
22770	0.021	0.021	0.021	0.023	0.023		
22800	0.02	0.021	0.021	0.022	0.023		
22830	0.02	0.02	0.02	0.021	0.021		
22860	0.02	0.02	0.021	0.021	0.021		
22890	0.02	0.02	0.021	0.021	0.021		
22920	0.02	0.02	0.021	0.021	0.021		
22950	0.02	0.02	0.021	0.021	0.021		
22980	0.02	0.02	0.02	0.021	0.021		
23010	0.02	0.02	0.02	0.021	0.021		
23040	0.02	0.02	0.021	0.022	0.022		
23070	0.019	0.02	0.02	0.02	0.02		
23100	0.02	0.02	0.021	0.022	0.023		
23130	0.02	0.021	0.021	0.023	0.023		
23160	0.02	0.02	0.021	0.021	0.021		
23190	0.02	0.021	0.021	0.022	0.022		
23220	0.02	0.02	0.021	0.021	0.021		

Dust Monitoring Results for DM-01

Elapsed Time [s]	PM1 [mg/m3]	PM2.5 [mg/m3]	PM4 [mg/m3]	PM10 [mg/m3]	TOTAL [mg/m3]	Alarms	Errors
23250	0.02	0.02	0.021	0.022	0.022		
23280	0.02	0.02	0.02	0.021	0.021		
23310	0.019	0.019	0.02	0.02	0.02		
23340	0.019	0.019	0.02	0.02	0.021		
23370	0.019	0.019	0.019	0.02	0.02		
23400	0.019	0.019	0.019	0.019	0.019		
23430	0.019	0.019	0.019	0.02	0.02		
23460	0.018	0.018	0.018	0.018	0.018		
23490	0.018	0.019	0.019	0.019	0.019		
23520	0.018	0.018	0.018	0.019	0.019		
23550	0.018	0.018	0.018	0.018	0.018		
23580	0.018	0.019	0.019	0.019	0.02		
23610	0.018	0.018	0.019	0.019	0.019		
23640	0.019	0.019	0.019	0.02	0.02		
23670	0.019	0.019	0.019	0.02	0.02		
23700	0.018	0.018	0.018	0.019	0.019		
23730	0.019	0.019	0.019	0.02	0.02		
23760	0.018	0.018	0.018	0.019	0.019		
23790	0.018	0.018	0.018	0.019	0.019		
23820	0.018	0.018	0.018	0.018	0.018		
23850	0.018	0.018	0.018	0.019	0.019		
23880	0.018	0.019	0.019	0.02	0.02		
23910	0.018	0.018	0.019	0.019	0.019		
23940	0.018	0.018	0.018	0.019	0.019		
23970	0.018	0.018	0.018	0.019	0.019		
24000	0.018	0.019	0.019	0.019	0.019		
24030	0.019	0.019	0.02	0.02	0.02		
24060	0.018	0.019	0.019	0.019	0.019		
24090	0.019	0.019	0.019	0.021	0.021		
24120	0.019	0.019	0.02	0.021	0.021		
24150	0.019	0.019	0.02	0.02	0.02		
24180	0.02	0.02	0.02	0.021	0.021		
24210	0.02	0.02	0.021	0.021	0.022		
24240	0.02	0.02	0.02	0.021	0.021		
24270	0.02	0.02	0.02	0.021	0.021		
24300	0.021	0.021	0.021	0.023	0.023		
24330	0.021	0.021	0.022	0.023	0.024		
24360	0.02	0.021	0.021	0.023	0.023		
24390	0.02	0.02	0.021	0.022	0.022		
24420	0.021	0.022	0.023	0.026	0.027		
24450	0.02	0.02	0.021	0.022	0.023		
24480	0.019	0.019	0.02	0.02	0.02		
24510	0.018	0.018	0.018	0.019	0.019		

Dust Monitoring Results for DM-01

Elapsed Time [s]	PM1 [mg/m3]	PM2.5 [mg/m3]	PM4 [mg/m3]	PM10 [mg/m3]	TOTAL [mg/m3]	Alarms	Errors
24540	0.019	0.019	0.019	0.019	0.019		
24570	0.019	0.019	0.019	0.02	0.02		
24600	0.019	0.019	0.019	0.02	0.02		
24630	0.018	0.019	0.019	0.019	0.019		
24660	0.018	0.018	0.018	0.019	0.019		
24690	0.018	0.018	0.018	0.019	0.019		
24720	0.018	0.018	0.018	0.019	0.019		
24750	0.018	0.018	0.018	0.019	0.019		
24780	0.018	0.018	0.019	0.019	0.019		
24810	0.019	0.019	0.02	0.02	0.02		
24840	0.019	0.019	0.02	0.021	0.022		
24870	0.019	0.02	0.02	0.022	0.022		
24900	0.02	0.02	0.021	0.022	0.022		
24930	0.02	0.02	0.02	0.021	0.022		
24960	0.02	0.02	0.02	0.022	0.023		
24990	0.02	0.02	0.02	0.021	0.021		
25020	0.02	0.02	0.02	0.021	0.021		
25050	0.019	0.019	0.019	0.019	0.019		
25080	0.019	0.02	0.02	0.02	0.02		
25110	0.019	0.019	0.019	0.02	0.02		
25140	0.019	0.019	0.019	0.02	0.02		
25170	0.019	0.019	0.019	0.019	0.019		
25200	0.019	0.019	0.02	0.02	0.021		
25230	0.019	0.019	0.019	0.019	0.019		
25260	0.018	0.019	0.019	0.019	0.019		
25290	0.019	0.019	0.019	0.019	0.019		
25320	0.019	0.019	0.02	0.02	0.02		
25350	0.019	0.02	0.02	0.02	0.02		
25380	0.019	0.02	0.02	0.021	0.021		
25410	0.019	0.02	0.02	0.021	0.021		
25440	0.02	0.021	0.021	0.022	0.023		
25470	0.02	0.02	0.021	0.022	0.023		
25500	0.02	0.02	0.021	0.022	0.022		
25530	0.02	0.02	0.021	0.021	0.023		
25560	0.02	0.02	0.02	0.021	0.022		
25590	0.019	0.02	0.02	0.02	0.02		
25620	0.021	0.022	0.022	0.023	0.023		
25650	0.021	0.022	0.022	0.023	0.024		
25680	0.021	0.021	0.021	0.022	0.023		
25710	0.021	0.021	0.021	0.022	0.022		
25740	0.021	0.022	0.022	0.023	0.023		
25770	0.023	0.024	0.024	0.025	0.026		
25800	0.022	0.023	0.023	0.024	0.024		

Dust Monitoring Results for DM-01

Elapsed Time [s]	PM1 [mg/m3]	PM2.5 [mg/m3]	PM4 [mg/m3]	PM10 [mg/m3]	TOTAL [mg/m3]	Alarms	Errors
25830	0.022	0.023	0.023	0.024	0.025		
25860	0.022	0.023	0.023	0.024	0.025		
25890	0.022	0.022	0.023	0.023	0.023		
25920	0.022	0.023	0.023	0.024	0.024		
25950	0.023	0.023	0.024	0.025	0.025		
25980	0.023	0.023	0.024	0.024	0.024		
26010	0.023	0.023	0.024	0.024	0.025		
26040	0.023	0.023	0.023	0.024	0.024		
26070	0.021	0.022	0.022	0.024	0.024		
26100	0.022	0.022	0.022	0.023	0.023		
26130	0.022	0.022	0.023	0.025	0.025		
26160	0.022	0.022	0.022	0.023	0.023		
26190	0.022	0.023	0.023	0.024	0.025		
26220	0.022	0.023	0.023	0.024	0.025		
26250	0.023	0.024	0.024	0.026	0.026		
26280	0.022	0.023	0.023	0.024	0.025		
26310	0.022	0.023	0.023	0.025	0.026		
26340	0.022	0.022	0.022	0.023	0.023		
26370	0.022	0.022	0.023	0.023	0.024		
26400	0.022	0.023	0.023	0.025	0.025		
26430	0.022	0.022	0.022	0.025	0.025		
26460	0.022	0.022	0.023	0.024	0.024		
26490	0.022	0.022	0.022	0.024	0.024		
26520	0.021	0.021	0.022	0.023	0.023		
26550	0.021	0.022	0.022	0.024	0.024		
26580	0.021	0.022	0.022	0.023	0.023		
26610	0.021	0.022	0.022	0.022	0.022		
26640	0.022	0.022	0.023	0.024	0.025		
26670	0.022	0.022	0.023	0.025	0.025		
26700	0.021	0.022	0.022	0.022	0.022		
26730	0.021	0.022	0.022	0.023	0.023		
26760	0.022	0.022	0.022	0.024	0.025		
26790	0.021	0.021	0.022	0.023	0.023		
26820	0.021	0.022	0.022	0.023	0.024		
26850	0.021	0.021	0.022	0.023	0.023		
26880	0.021	0.021	0.022	0.022	0.023		
26910	0.021	0.021	0.021	0.023	0.023		
26940	0.02	0.021	0.021	0.022	0.022		
26970	0.021	0.021	0.022	0.022	0.022		
27000	0.021	0.021	0.022	0.023	0.023		
27030	0.021	0.021	0.021	0.022	0.023		
27060	0.021	0.021	0.022	0.022	0.023		
27090	0.021	0.022	0.022	0.023	0.023		

Dust Monitoring Results for DM-01

Elapsed Time [s]	PM1 [mg/m3]	PM2.5 [mg/m3]	PM4 [mg/m3]	PM10 [mg/m3]	TOTAL [mg/m3]	Alarms	Errors
27120	0.021	0.021	0.021	0.021	0.021		
27150	0.021	0.021	0.022	0.022	0.022		
27180	0.021	0.022	0.022	0.023	0.023		
27210	0.022	0.022	0.022	0.024	0.024		
27240	0.022	0.022	0.023	0.025	0.025		
27270	0.022	0.022	0.022	0.023	0.024		
27300	0.023	0.023	0.024	0.027	0.029		
27330	0.023	0.023	0.023	0.025	0.025		
27360	0.023	0.023	0.024	0.026	0.026		
27390	0.022	0.023	0.023	0.024	0.024		
27420	0.022	0.022	0.022	0.024	0.024		
27450	0.022	0.022	0.022	0.023	0.023		
27480	0.022	0.023	0.023	0.024	0.024		
27510	0.022	0.023	0.023	0.024	0.024		
27540	0.023	0.023	0.023	0.025	0.025		
27570	0.022	0.022	0.023	0.024	0.024		
27600	0.023	0.023	0.023	0.025	0.026		
27630	0.022	0.023	0.023	0.024	0.024		
27660	0.022	0.022	0.023	0.023	0.024		
27690	0.022	0.022	0.023	0.024	0.024		
27720	0.022	0.022	0.023	0.024	0.024		
27750	0.022	0.023	0.023	0.025	0.025		
27780	0.023	0.024	0.024	0.026	0.028		
27810	0.023	0.023	0.023	0.025	0.025		
27840	0.023	0.023	0.024	0.025	0.026		
27870	0.022	0.023	0.023	0.024	0.024		
27900	0.022	0.023	0.023	0.024	0.024		
27930	0.023	0.023	0.024	0.025	0.026		
27960	0.022	0.023	0.023	0.024	0.024		
27990	0.022	0.023	0.023	0.024	0.024		
28020	0.023	0.023	0.023	0.024	0.025		
28050	0.022	0.023	0.023	0.024	0.024		
28080	0.022	0.023	0.023	0.024	0.024		
28110	0.023	0.023	0.024	0.026	0.027		
28140	0.022	0.023	0.023	0.024	0.024		
28170	0.023	0.024	0.024	0.025	0.027		
28200	0.023	0.023	0.024	0.025	0.026		
28230	0.023	0.023	0.024	0.025	0.026		
28260	0.023	0.023	0.024	0.025	0.025		
28290	0.023	0.023	0.023	0.026	0.026		
28320	0.022	0.023	0.023	0.025	0.025		
28350	0.022	0.022	0.022	0.022	0.022		
28380	0.022	0.022	0.023	0.023	0.023		

Dust Monitoring Results for DM-01

Elapsed Time [s]	PM1 [mg/m3]	PM2.5 [mg/m3]	PM4 [mg/m3]	PM10 [mg/m3]	TOTAL [mg/m3]	Alarms	Errors
28410	0.022	0.022	0.023	0.024	0.024		
28440	0.021	0.022	0.022	0.023	0.024		
28470	0.021	0.022	0.022	0.023	0.023		
28500	0.022	0.023	0.023	0.025	0.025		
28530	0.022	0.022	0.023	0.024	0.024		
28560	0.023	0.024	0.024	0.027	0.027		
28590	0.023	0.023	0.024	0.025	0.025		
28620	0.023	0.023	0.024	0.025	0.025		
28650	0.023	0.023	0.024	0.025	0.025		
28680	0.023	0.023	0.024	0.026	0.026		
28710	0.023	0.023	0.024	0.026	0.027		
28740	0.022	0.023	0.023	0.024	0.024		
28770	0.023	0.023	0.023	0.025	0.025		
28800	0.023	0.023	0.023	0.025	0.025		

Dust Monitoring Results for DM-02

Instrument Name	DustTrak DRX
Model Number	8533
Serial Number	8533172305
Firmware Version	3.1
Calibration Date	5/16/2024
Test Name	MANUAL_001
Test Start Time	8:09:14 AM
Test Start Date	7/30/2024
Test Length [D:H:M]	0:08:00
Test Interval [M:S]	0:30
PM1 Average [mg/m3]	0.021
PM1 Minimum [mg/m3]	0.017
PM1 Maximum [mg/m3]	0.028
PM1 TWA [mg/m3]	0.021
PM2.5 Average [mg/m3]	0.022
PM2.5 Minimum [mg/m3]	0.017
PM2.5 Maximum [mg/m3]	0.029
PM2.5 TWA [mg/m3]	0.022
PM4 Average [mg/m3]	0.022
PM4 Minimum [mg/m3]	0.017
PM4 Maximum [mg/m3]	0.029
PM4 TWA [mg/m3]	0.022
PM10 Average [mg/m3]	0.022
PM10 Minimum [mg/m3]	0.018
PM10 Maximum [mg/m3]	0.029
PM10 TWA [mg/m3]	0.022
TOTAL Average [mg/m3]	0.023
TOTAL Minimum [mg/m3]	0.018
TOTAL Maximum [mg/m3]	0.03
TOTAL TWA [mg/m3]	0.023
Photometric User Cal	1
Size Correction User Cal	1
Flow User Cal	0
Errors	
Number of Samples	960

Dust Monitoring Results for DM-02

Elapsed Time [s]	PM1 [mg/m3]	PM2.5 [mg/m3]	PM4 [mg/m3]	PM10 [mg/m3]	TOTAL [mg/m3]	Alarms	Errors
30	0.028	0.028	0.028	0.029	0.029		
60	0.028	0.029	0.029	0.029	0.029		
90	0.028	0.028	0.028	0.029	0.03		
120	0.028	0.028	0.029	0.029	0.029		
150	0.028	0.028	0.028	0.029	0.03		
180	0.028	0.028	0.028	0.028	0.028		
210	0.028	0.028	0.028	0.029	0.029		
240	0.028	0.028	0.029	0.029	0.029		
270	0.028	0.028	0.028	0.028	0.028		
300	0.028	0.028	0.028	0.029	0.029		
330	0.028	0.028	0.029	0.029	0.029		
360	0.028	0.028	0.028	0.029	0.029		
390	0.028	0.028	0.028	0.029	0.029		
420	0.028	0.028	0.028	0.028	0.028		
450	0.028	0.028	0.028	0.029	0.029		
480	0.027	0.028	0.028	0.028	0.028		
510	0.028	0.028	0.028	0.028	0.028		
540	0.028	0.028	0.029	0.029	0.029		
570	0.027	0.028	0.028	0.028	0.028		
600	0.027	0.028	0.028	0.028	0.028		
630	0.027	0.028	0.028	0.028	0.028		
660	0.028	0.028	0.028	0.029	0.029		
690	0.027	0.028	0.028	0.028	0.028		
720	0.028	0.028	0.028	0.029	0.029		
750	0.028	0.028	0.028	0.029	0.029		
780	0.027	0.027	0.028	0.028	0.028		
810	0.027	0.028	0.028	0.028	0.028		
840	0.027	0.027	0.028	0.028	0.028		
870	0.027	0.027	0.028	0.028	0.028		
900	0.027	0.028	0.028	0.028	0.028		
930	0.027	0.027	0.027	0.028	0.028		
960	0.027	0.027	0.027	0.028	0.029		
990	0.027	0.027	0.027	0.027	0.027		
1020	0.027	0.027	0.027	0.028	0.028		
1050	0.027	0.028	0.028	0.028	0.028		
1080	0.027	0.027	0.028	0.028	0.028		
1110	0.027	0.027	0.027	0.027	0.027		
1140	0.027	0.027	0.027	0.027	0.027		
1170	0.027	0.027	0.028	0.028	0.028		
1200	0.026	0.027	0.027	0.027	0.027		
1230	0.027	0.027	0.027	0.028	0.028		
1260	0.027	0.027	0.027	0.027	0.027		
1290	0.027	0.027	0.027	0.027	0.027		

Dust Monitoring Results for DM-02

Elapsed Time [s]	PM1 [mg/m3]	PM2.5 [mg/m3]	PM4 [mg/m3]	PM10 [mg/m3]	TOTAL [mg/m3]	Alarms	Errors
1320	0.027	0.027	0.027	0.028	0.028		
1350	0.027	0.027	0.027	0.027	0.027		
1380	0.026	0.027	0.027	0.027	0.027		
1410	0.026	0.027	0.027	0.027	0.027		
1440	0.026	0.026	0.026	0.026	0.026		
1470	0.026	0.026	0.026	0.027	0.027		
1500	0.026	0.026	0.026	0.027	0.027		
1530	0.026	0.026	0.027	0.027	0.027		
1560	0.026	0.026	0.027	0.027	0.027		
1590	0.026	0.026	0.026	0.026	0.026		
1620	0.026	0.026	0.026	0.027	0.027		
1650	0.026	0.026	0.026	0.027	0.027		
1680	0.026	0.026	0.026	0.027	0.027		
1710	0.026	0.027	0.027	0.028	0.029		
1740	0.025	0.026	0.026	0.026	0.026		
1770	0.026	0.026	0.026	0.027	0.027		
1800	0.025	0.026	0.026	0.026	0.026		
1830	0.025	0.025	0.026	0.026	0.026		
1860	0.025	0.026	0.026	0.026	0.026		
1890	0.025	0.026	0.026	0.026	0.026		
1920	0.025	0.025	0.026	0.026	0.026		
1950	0.026	0.026	0.026	0.026	0.027		
1980	0.025	0.025	0.025	0.025	0.025		
2010	0.025	0.025	0.025	0.025	0.025		
2040	0.026	0.026	0.026	0.027	0.027		
2070	0.026	0.026	0.027	0.028	0.028		
2100	0.026	0.026	0.026	0.027	0.027		
2130	0.025	0.026	0.026	0.026	0.026		
2160	0.025	0.025	0.026	0.026	0.026		
2190	0.026	0.027	0.027	0.028	0.028		
2220	0.026	0.027	0.027	0.028	0.029		
2250	0.026	0.026	0.026	0.027	0.027		
2280	0.025	0.026	0.026	0.026	0.026		
2310	0.025	0.026	0.026	0.026	0.026		
2340	0.026	0.026	0.027	0.028	0.028		
2370	0.026	0.026	0.027	0.028	0.028		
2400	0.026	0.026	0.026	0.027	0.028		
2430	0.026	0.026	0.027	0.028	0.028		
2460	0.025	0.026	0.026	0.026	0.026		
2490	0.026	0.026	0.026	0.028	0.028		
2520	0.025	0.026	0.026	0.026	0.026		
2550	0.026	0.026	0.026	0.027	0.027		
2580	0.026	0.027	0.027	0.029	0.029		

Dust Monitoring Results for DM-02

Elapsed Time [s]	PM1 [mg/m3]	PM2.5 [mg/m3]	PM4 [mg/m3]	PM10 [mg/m3]	TOTAL [mg/m3]	Alarms	Errors
2610	0.025	0.026	0.026	0.026	0.026		
2640	0.026	0.026	0.026	0.026	0.026		
2670	0.026	0.026	0.026	0.027	0.027		
2700	0.026	0.026	0.027	0.027	0.027		
2730	0.026	0.026	0.026	0.027	0.027		
2760	0.026	0.026	0.026	0.026	0.026		
2790	0.026	0.026	0.026	0.026	0.026		
2820	0.026	0.026	0.026	0.027	0.027		
2850	0.026	0.026	0.026	0.027	0.027		
2880	0.026	0.026	0.026	0.027	0.027		
2910	0.026	0.026	0.026	0.026	0.026		
2940	0.025	0.025	0.026	0.026	0.026		
2970	0.025	0.025	0.025	0.026	0.026		
3000	0.025	0.025	0.026	0.026	0.026		
3030	0.025	0.025	0.026	0.026	0.026		
3060	0.025	0.025	0.025	0.026	0.027		
3090	0.025	0.025	0.025	0.026	0.026		
3120	0.025	0.025	0.025	0.026	0.026		
3150	0.025	0.025	0.025	0.026	0.026		
3180	0.025	0.025	0.025	0.026	0.026		
3210	0.025	0.026	0.026	0.027	0.027		
3240	0.026	0.026	0.026	0.027	0.028		
3270	0.025	0.026	0.026	0.027	0.028		
3300	0.025	0.025	0.025	0.026	0.026		
3330	0.025	0.025	0.025	0.026	0.026		
3360	0.025	0.025	0.025	0.026	0.026		
3390	0.025	0.025	0.025	0.026	0.026		
3420	0.025	0.025	0.025	0.026	0.026		
3450	0.025	0.025	0.025	0.025	0.025		
3480	0.024	0.025	0.025	0.026	0.026		
3510	0.024	0.025	0.025	0.026	0.027		
3540	0.025	0.025	0.026	0.026	0.026		
3570	0.025	0.025	0.025	0.026	0.027		
3600	0.024	0.025	0.025	0.025	0.025		
3630	0.023	0.024	0.024	0.024	0.024		
3660	0.023	0.023	0.023	0.024	0.024		
3690	0.024	0.024	0.024	0.024	0.024		
3720	0.024	0.024	0.024	0.025	0.026		
3750	0.024	0.024	0.024	0.024	0.024		
3780	0.024	0.024	0.024	0.024	0.024		
3810	0.024	0.024	0.024	0.024	0.024		
3840	0.023	0.024	0.024	0.024	0.024		
3870	0.023	0.023	0.024	0.024	0.024		

Dust Monitoring Results for DM-02

Elapsed Time [s]	PM1 [mg/m3]	PM2.5 [mg/m3]	PM4 [mg/m3]	PM10 [mg/m3]	TOTAL [mg/m3]	Alarms	Errors
3900	0.023	0.024	0.024	0.024	0.024		
3930	0.023	0.024	0.024	0.024	0.024		
3960	0.024	0.024	0.024	0.024	0.024		
3990	0.024	0.024	0.024	0.025	0.025		
4020	0.024	0.024	0.024	0.025	0.025		
4050	0.024	0.024	0.025	0.025	0.025		
4080	0.024	0.024	0.025	0.025	0.025		
4110	0.024	0.024	0.025	0.025	0.025		
4140	0.024	0.024	0.025	0.025	0.026		
4170	0.024	0.024	0.024	0.025	0.025		
4200	0.024	0.024	0.025	0.026	0.026		
4230	0.025	0.025	0.025	0.026	0.027		
4260	0.023	0.024	0.024	0.024	0.024		
4290	0.023	0.023	0.024	0.024	0.024		
4320	0.023	0.024	0.024	0.024	0.024		
4350	0.023	0.024	0.024	0.024	0.024		
4380	0.023	0.024	0.024	0.024	0.024		
4410	0.024	0.024	0.024	0.026	0.026		
4440	0.023	0.024	0.024	0.025	0.025		
4470	0.023	0.023	0.024	0.024	0.024		
4500	0.023	0.023	0.023	0.024	0.024		
4530	0.023	0.023	0.023	0.024	0.024		
4560	0.023	0.023	0.023	0.024	0.024		
4590	0.023	0.023	0.023	0.023	0.023		
4620	0.023	0.023	0.023	0.024	0.024		
4650	0.023	0.023	0.023	0.023	0.023		
4680	0.023	0.023	0.023	0.024	0.024		
4710	0.023	0.023	0.023	0.023	0.023		
4740	0.023	0.023	0.023	0.024	0.024		
4770	0.022	0.023	0.023	0.023	0.023		
4800	0.023	0.023	0.023	0.023	0.023		
4830	0.022	0.023	0.023	0.023	0.023		
4860	0.023	0.023	0.023	0.024	0.024		
4890	0.022	0.023	0.023	0.023	0.023		
4920	0.022	0.022	0.022	0.023	0.023		
4950	0.022	0.022	0.023	0.023	0.023		
4980	0.022	0.023	0.023	0.023	0.023		
5010	0.022	0.022	0.022	0.022	0.023		
5040	0.022	0.023	0.023	0.023	0.023		
5070	0.022	0.023	0.023	0.023	0.023		
5100	0.022	0.023	0.023	0.024	0.024		
5130	0.022	0.023	0.023	0.023	0.023		
5160	0.022	0.023	0.023	0.023	0.024		

Dust Monitoring Results for DM-02

Elapsed Time [s]	PM1 [mg/m3]	PM2.5 [mg/m3]	PM4 [mg/m3]	PM10 [mg/m3]	TOTAL [mg/m3]	Alarms	Errors
5190	0.022	0.023	0.023	0.023	0.023		
5220	0.022	0.023	0.023	0.023	0.023		
5250	0.023	0.023	0.023	0.024	0.024		
5280	0.022	0.022	0.022	0.023	0.023		
5310	0.022	0.022	0.023	0.023	0.024		
5340	0.023	0.023	0.023	0.024	0.024		
5370	0.023	0.023	0.023	0.024	0.024		
5400	0.024	0.024	0.025	0.025	0.026		
5430	0.023	0.023	0.024	0.024	0.024		
5460	0.023	0.023	0.024	0.024	0.024		
5490	0.023	0.023	0.023	0.024	0.024		
5520	0.023	0.023	0.024	0.024	0.024		
5550	0.023	0.023	0.023	0.024	0.024		
5580	0.022	0.023	0.023	0.024	0.024		
5610	0.023	0.023	0.023	0.024	0.025		
5640	0.022	0.023	0.023	0.023	0.023		
5670	0.022	0.022	0.023	0.023	0.023		
5700	0.023	0.023	0.023	0.024	0.024		
5730	0.022	0.023	0.023	0.023	0.023		
5760	0.022	0.022	0.022	0.023	0.023		
5790	0.022	0.022	0.023	0.023	0.023		
5820	0.022	0.022	0.023	0.023	0.024		
5850	0.022	0.023	0.023	0.023	0.023		
5880	0.022	0.022	0.022	0.023	0.024		
5910	0.022	0.023	0.023	0.023	0.023		
5940	0.022	0.023	0.023	0.023	0.023		
5970	0.022	0.022	0.023	0.023	0.023		
6000	0.022	0.023	0.023	0.023	0.023		
6030	0.022	0.023	0.023	0.023	0.023		
6060	0.022	0.022	0.023	0.023	0.023		
6090	0.022	0.023	0.023	0.023	0.024		
6120	0.022	0.023	0.023	0.023	0.024		
6150	0.022	0.022	0.022	0.023	0.023		
6180	0.022	0.022	0.022	0.022	0.022		
6210	0.021	0.022	0.022	0.022	0.022		
6240	0.022	0.022	0.022	0.022	0.022		
6270	0.022	0.022	0.022	0.022	0.022		
6300	0.022	0.022	0.022	0.023	0.023		
6330	0.022	0.022	0.023	0.023	0.023		
6360	0.022	0.022	0.022	0.023	0.023		
6390	0.022	0.022	0.022	0.022	0.022		
6420	0.022	0.022	0.022	0.022	0.022		
6450	0.022	0.022	0.023	0.024	0.024		

Dust Monitoring Results for DM-02

Elapsed Time [s]	PM1 [mg/m3]	PM2.5 [mg/m3]	PM4 [mg/m3]	PM10 [mg/m3]	TOTAL [mg/m3]	Alarms	Errors
6480	0.022	0.023	0.023	0.024	0.024		
6510	0.021	0.022	0.022	0.022	0.023		
6540	0.021	0.021	0.022	0.022	0.022		
6570	0.021	0.022	0.022	0.022	0.022		
6600	0.021	0.022	0.022	0.022	0.022		
6630	0.023	0.023	0.023	0.026	0.026		
6660	0.023	0.023	0.023	0.025	0.025		
6690	0.023	0.023	0.023	0.024	0.024		
6720	0.022	0.022	0.022	0.023	0.023		
6750	0.022	0.022	0.022	0.023	0.023		
6780	0.023	0.023	0.023	0.024	0.024		
6810	0.023	0.023	0.023	0.024	0.025		
6840	0.022	0.023	0.023	0.024	0.025		
6870	0.022	0.023	0.023	0.024	0.024		
6900	0.022	0.022	0.023	0.023	0.023		
6930	0.022	0.022	0.023	0.023	0.023		
6960	0.022	0.022	0.022	0.023	0.024		
6990	0.022	0.023	0.023	0.024	0.024		
7020	0.023	0.023	0.023	0.025	0.025		
7050	0.023	0.023	0.023	0.024	0.024		
7080	0.022	0.023	0.023	0.024	0.025		
7110	0.024	0.024	0.024	0.026	0.027		
7140	0.023	0.023	0.024	0.026	0.026		
7170	0.022	0.023	0.023	0.024	0.024		
7200	0.022	0.022	0.022	0.023	0.023		
7230	0.022	0.023	0.023	0.023	0.024		
7260	0.023	0.023	0.023	0.024	0.024		
7290	0.022	0.023	0.023	0.024	0.024		
7320	0.023	0.023	0.023	0.024	0.025		
7350	0.022	0.023	0.023	0.023	0.023		
7380	0.023	0.023	0.023	0.024	0.024		
7410	0.022	0.023	0.023	0.023	0.023		
7440	0.023	0.023	0.023	0.023	0.025		
7470	0.022	0.022	0.023	0.023	0.023		
7500	0.022	0.022	0.023	0.023	0.024		
7530	0.022	0.022	0.022	0.023	0.023		
7560	0.022	0.022	0.022	0.022	0.022		
7590	0.022	0.022	0.022	0.023	0.023		
7620	0.022	0.022	0.023	0.023	0.023		
7650	0.022	0.022	0.022	0.023	0.023		
7680	0.022	0.022	0.022	0.022	0.022		
7710	0.022	0.022	0.023	0.023	0.023		
7740	0.022	0.022	0.022	0.023	0.023		

Dust Monitoring Results for DM-02

Elapsed Time [s]	PM1 [mg/m3]	PM2.5 [mg/m3]	PM4 [mg/m3]	PM10 [mg/m3]	TOTAL [mg/m3]	Alarms	Errors
7770	0.022	0.023	0.023	0.023	0.024		
7800	0.022	0.022	0.023	0.023	0.023		
7830	0.022	0.022	0.022	0.023	0.023		
7860	0.022	0.022	0.022	0.023	0.023		
7890	0.022	0.022	0.022	0.023	0.023		
7920	0.022	0.022	0.023	0.023	0.023		
7950	0.022	0.022	0.023	0.023	0.023		
7980	0.022	0.022	0.023	0.023	0.023		
8010	0.022	0.022	0.022	0.023	0.023		
8040	0.022	0.022	0.022	0.023	0.023		
8070	0.022	0.022	0.022	0.023	0.023		
8100	0.022	0.022	0.023	0.023	0.023		
8130	0.022	0.022	0.022	0.023	0.023		
8160	0.022	0.022	0.023	0.023	0.023		
8190	0.022	0.022	0.022	0.023	0.023		
8220	0.022	0.022	0.023	0.023	0.024		
8250	0.022	0.022	0.023	0.023	0.024		
8280	0.022	0.022	0.022	0.023	0.023		
8310	0.021	0.022	0.022	0.022	0.022		
8340	0.021	0.022	0.022	0.023	0.023		
8370	0.021	0.021	0.021	0.021	0.021		
8400	0.022	0.022	0.022	0.023	0.023		
8430	0.022	0.022	0.022	0.022	0.022		
8460	0.022	0.022	0.022	0.023	0.023		
8490	0.022	0.022	0.022	0.023	0.023		
8520	0.022	0.022	0.022	0.023	0.023		
8550	0.022	0.022	0.022	0.022	0.022		
8580	0.021	0.022	0.022	0.022	0.022		
8610	0.021	0.022	0.022	0.023	0.023		
8640	0.021	0.021	0.021	0.022	0.023		
8670	0.021	0.021	0.022	0.022	0.022		
8700	0.021	0.022	0.022	0.023	0.023		
8730	0.021	0.021	0.021	0.022	0.022		
8760	0.021	0.022	0.022	0.022	0.022		
8790	0.021	0.021	0.021	0.022	0.022		
8820	0.021	0.021	0.021	0.021	0.021		
8850	0.021	0.021	0.021	0.022	0.022		
8880	0.021	0.021	0.021	0.022	0.022		
8910	0.021	0.021	0.021	0.022	0.022		
8940	0.021	0.021	0.021	0.022	0.022		
8970	0.021	0.021	0.021	0.021	0.021		
9000	0.02	0.02	0.02	0.021	0.021		
9030	0.021	0.021	0.021	0.021	0.022		

Dust Monitoring Results for DM-02

Elapsed Time [s]	PM1 [mg/m3]	PM2.5 [mg/m3]	PM4 [mg/m3]	PM10 [mg/m3]	TOTAL [mg/m3]	Alarms	Errors
9060	0.02	0.02	0.021	0.021	0.021		
9090	0.02	0.02	0.021	0.021	0.021		
9120	0.02	0.021	0.021	0.021	0.021		
9150	0.02	0.02	0.021	0.021	0.021		
9180	0.02	0.02	0.02	0.021	0.021		
9210	0.021	0.021	0.021	0.022	0.022		
9240	0.02	0.021	0.021	0.021	0.021		
9270	0.02	0.021	0.021	0.021	0.021		
9300	0.021	0.021	0.021	0.021	0.021		
9330	0.021	0.021	0.022	0.022	0.022		
9360	0.021	0.021	0.021	0.021	0.021		
9390	0.02	0.021	0.021	0.021	0.021		
9420	0.021	0.021	0.021	0.021	0.021		
9450	0.021	0.021	0.021	0.022	0.022		
9480	0.021	0.021	0.021	0.021	0.021		
9510	0.021	0.021	0.021	0.021	0.021		
9540	0.021	0.021	0.021	0.022	0.022		
9570	0.02	0.02	0.021	0.021	0.022		
9600	0.02	0.02	0.021	0.021	0.021		
9630	0.02	0.02	0.02	0.021	0.021		
9660	0.02	0.02	0.02	0.021	0.021		
9690	0.021	0.021	0.021	0.022	0.022		
9720	0.021	0.021	0.021	0.023	0.023		
9750	0.021	0.021	0.022	0.022	0.023		
9780	0.022	0.022	0.023	0.024	0.024		
9810	0.021	0.021	0.021	0.022	0.022		
9840	0.02	0.021	0.021	0.021	0.021		
9870	0.021	0.021	0.022	0.023	0.023		
9900	0.021	0.021	0.022	0.023	0.023		
9930	0.021	0.022	0.022	0.024	0.024		
9960	0.021	0.021	0.021	0.023	0.023		
9990	0.021	0.021	0.022	0.022	0.022		
10020	0.022	0.022	0.023	0.024	0.024		
10050	0.021	0.021	0.022	0.023	0.024		
10080	0.021	0.022	0.022	0.024	0.024		
10110	0.022	0.022	0.023	0.024	0.024		
10140	0.021	0.022	0.022	0.024	0.025		
10170	0.021	0.022	0.023	0.024	0.025		
10200	0.021	0.022	0.022	0.025	0.025		
10230	0.021	0.021	0.022	0.024	0.024		
10260	0.021	0.022	0.022	0.025	0.025		
10290	0.021	0.022	0.022	0.024	0.024		
10320	0.021	0.022	0.022	0.024	0.024		

Dust Monitoring Results for DM-02

Elapsed Time [s]	PM1 [mg/m3]	PM2.5 [mg/m3]	PM4 [mg/m3]	PM10 [mg/m3]	TOTAL [mg/m3]	Alarms	Errors
10350	0.021	0.021	0.022	0.023	0.023		
10380	0.021	0.022	0.022	0.025	0.025		
10410	0.021	0.021	0.022	0.024	0.024		
10440	0.021	0.021	0.021	0.022	0.022		
10470	0.02	0.02	0.021	0.022	0.022		
10500	0.02	0.021	0.021	0.022	0.022		
10530	0.022	0.022	0.022	0.024	0.026		
10560	0.021	0.021	0.021	0.022	0.022		
10590	0.021	0.022	0.022	0.025	0.026		
10620	0.02	0.02	0.021	0.021	0.021		
10650	0.021	0.021	0.021	0.022	0.023		
10680	0.02	0.021	0.021	0.022	0.022		
10710	0.02	0.021	0.021	0.021	0.021		
10740	0.021	0.021	0.021	0.022	0.022		
10770	0.022	0.022	0.022	0.025	0.025		
10800	0.022	0.022	0.022	0.024	0.024		
10830	0.021	0.022	0.022	0.023	0.024		
10860	0.021	0.021	0.022	0.022	0.022		
10890	0.021	0.021	0.021	0.023	0.023		
10920	0.021	0.021	0.022	0.024	0.024		
10950	0.021	0.021	0.022	0.023	0.023		
10980	0.02	0.021	0.021	0.022	0.022		
11010	0.02	0.021	0.021	0.022	0.022		
11040	0.021	0.021	0.021	0.023	0.023		
11070	0.02	0.02	0.02	0.02	0.02		
11100	0.02	0.02	0.02	0.021	0.021		
11130	0.02	0.02	0.02	0.02	0.02		
11160	0.02	0.02	0.021	0.021	0.022		
11190	0.02	0.02	0.02	0.021	0.022		
11220	0.019	0.02	0.02	0.02	0.02		
11250	0.019	0.019	0.02	0.02	0.02		
11280	0.019	0.019	0.02	0.02	0.02		
11310	0.019	0.02	0.02	0.02	0.02		
11340	0.019	0.019	0.02	0.02	0.02		
11370	0.019	0.019	0.02	0.02	0.02		
11400	0.02	0.02	0.02	0.02	0.021		
11430	0.019	0.019	0.019	0.019	0.02		
11460	0.019	0.02	0.02	0.02	0.02		
11490	0.019	0.02	0.02	0.02	0.02		
11520	0.019	0.019	0.019	0.019	0.019		
11550	0.019	0.019	0.019	0.019	0.019		
11580	0.019	0.019	0.019	0.02	0.02		
11610	0.021	0.022	0.022	0.025	0.028		

Dust Monitoring Results for DM-02

Elapsed Time [s]	PM1 [mg/m3]	PM2.5 [mg/m3]	PM4 [mg/m3]	PM10 [mg/m3]	TOTAL [mg/m3]	Alarms	Errors
11640	0.019	0.019	0.019	0.019	0.019		
11670	0.019	0.019	0.019	0.02	0.02		
11700	0.019	0.019	0.019	0.02	0.02		
11730	0.019	0.019	0.02	0.02	0.02		
11760	0.02	0.02	0.02	0.02	0.02		
11790	0.019	0.02	0.02	0.02	0.02		
11820	0.019	0.019	0.02	0.02	0.02		
11850	0.019	0.019	0.02	0.02	0.02		
11880	0.019	0.02	0.02	0.02	0.02		
11910	0.02	0.02	0.02	0.021	0.021		
11940	0.019	0.02	0.02	0.02	0.02		
11970	0.019	0.02	0.02	0.02	0.02		
12000	0.019	0.02	0.02	0.02	0.021		
12030	0.02	0.02	0.02	0.021	0.021		
12060	0.02	0.02	0.02	0.021	0.021		
12090	0.019	0.02	0.02	0.02	0.02		
12120	0.019	0.02	0.02	0.02	0.02		
12150	0.019	0.02	0.02	0.02	0.02		
12180	0.019	0.02	0.02	0.02	0.02		
12210	0.019	0.02	0.02	0.02	0.02		
12240	0.019	0.02	0.02	0.02	0.02		
12270	0.019	0.02	0.02	0.021	0.021		
12300	0.019	0.019	0.02	0.02	0.02		
12330	0.02	0.02	0.02	0.021	0.021		
12360	0.02	0.02	0.02	0.02	0.02		
12390	0.02	0.02	0.02	0.021	0.021		
12420	0.02	0.02	0.02	0.02	0.02		
12450	0.02	0.02	0.02	0.021	0.021		
12480	0.02	0.02	0.021	0.021	0.021		
12510	0.021	0.021	0.021	0.022	0.022		
12540	0.02	0.021	0.021	0.021	0.021		
12570	0.02	0.02	0.021	0.021	0.021		
12600	0.02	0.021	0.021	0.021	0.021		
12630	0.02	0.02	0.021	0.021	0.021		
12660	0.02	0.021	0.021	0.021	0.021		
12690	0.02	0.021	0.021	0.022	0.022		
12720	0.02	0.02	0.021	0.021	0.021		
12750	0.02	0.02	0.02	0.021	0.021		
12780	0.02	0.02	0.02	0.021	0.021		
12810	0.02	0.021	0.021	0.021	0.021		
12840	0.02	0.021	0.021	0.022	0.022		
12870	0.02	0.02	0.021	0.021	0.021		
12900	0.02	0.02	0.021	0.021	0.021		

Dust Monitoring Results for DM-02

Elapsed Time [s]	PM1 [mg/m3]	PM2.5 [mg/m3]	PM4 [mg/m3]	PM10 [mg/m3]	TOTAL [mg/m3]	Alarms	Errors
12930	0.02	0.02	0.02	0.02	0.02		
12960	0.02	0.02	0.021	0.021	0.021		
12990	0.02	0.021	0.021	0.021	0.021		
13020	0.02	0.021	0.021	0.021	0.021		
13050	0.02	0.02	0.02	0.02	0.02		
13080	0.02	0.02	0.02	0.021	0.022		
13110	0.02	0.02	0.02	0.02	0.02		
13140	0.02	0.02	0.021	0.021	0.022		
13170	0.02	0.02	0.02	0.021	0.021		
13200	0.02	0.02	0.02	0.02	0.02		
13230	0.02	0.02	0.02	0.02	0.02		
13260	0.02	0.02	0.02	0.02	0.02		
13290	0.019	0.02	0.02	0.02	0.02		
13320	0.019	0.02	0.02	0.02	0.02		
13350	0.02	0.02	0.02	0.02	0.021		
13380	0.019	0.02	0.02	0.02	0.02		
13410	0.019	0.019	0.019	0.019	0.02		
13440	0.019	0.019	0.02	0.02	0.02		
13470	0.019	0.02	0.02	0.02	0.02		
13500	0.019	0.019	0.019	0.02	0.02		
13530	0.019	0.019	0.019	0.02	0.02		
13560	0.019	0.019	0.019	0.02	0.02		
13590	0.02	0.02	0.02	0.022	0.022		
13620	0.019	0.019	0.02	0.02	0.02		
13650	0.019	0.02	0.02	0.021	0.021		
13680	0.02	0.02	0.02	0.021	0.021		
13710	0.02	0.02	0.021	0.022	0.023		
13740	0.019	0.019	0.02	0.02	0.02		
13770	0.019	0.019	0.02	0.02	0.021		
13800	0.019	0.019	0.02	0.02	0.02		
13830	0.019	0.019	0.019	0.02	0.02		
13860	0.019	0.019	0.019	0.02	0.02		
13890	0.019	0.019	0.019	0.019	0.019		
13920	0.019	0.019	0.019	0.019	0.019		
13950	0.019	0.019	0.02	0.02	0.021		
13980	0.018	0.019	0.019	0.019	0.019		
14010	0.018	0.019	0.019	0.019	0.019		
14040	0.019	0.019	0.019	0.019	0.019		
14070	0.018	0.018	0.019	0.019	0.019		
14100	0.018	0.019	0.019	0.019	0.019		
14130	0.018	0.019	0.019	0.019	0.02		
14160	0.018	0.019	0.019	0.02	0.02		
14190	0.019	0.019	0.019	0.02	0.02		

Dust Monitoring Results for DM-02

Elapsed Time [s]	PM1 [mg/m3]	PM2.5 [mg/m3]	PM4 [mg/m3]	PM10 [mg/m3]	TOTAL [mg/m3]	Alarms	Errors
14220	0.018	0.019	0.019	0.02	0.02		
14250	0.019	0.019	0.02	0.021	0.021		
14280	0.018	0.018	0.019	0.019	0.019		
14310	0.018	0.019	0.019	0.019	0.019		
14340	0.018	0.019	0.019	0.019	0.019		
14370	0.018	0.019	0.019	0.019	0.02		
14400	0.018	0.019	0.019	0.019	0.019		
14430	0.018	0.019	0.019	0.019	0.019		
14460	0.018	0.018	0.018	0.018	0.018		
14490	0.018	0.019	0.019	0.02	0.02		
14520	0.018	0.018	0.019	0.019	0.019		
14550	0.018	0.018	0.019	0.019	0.019		
14580	0.018	0.018	0.018	0.018	0.018		
14610	0.018	0.019	0.019	0.019	0.019		
14640	0.018	0.019	0.019	0.019	0.019		
14670	0.019	0.019	0.019	0.019	0.019		
14700	0.018	0.019	0.019	0.019	0.019		
14730	0.019	0.019	0.019	0.019	0.02		
14760	0.019	0.019	0.019	0.019	0.019		
14790	0.018	0.019	0.019	0.019	0.019		
14820	0.018	0.018	0.019	0.019	0.019		
14850	0.018	0.019	0.019	0.02	0.02		
14880	0.018	0.018	0.018	0.019	0.019		
14910	0.018	0.019	0.019	0.019	0.019		
14940	0.018	0.019	0.019	0.019	0.019		
14970	0.018	0.019	0.019	0.019	0.019		
15000	0.018	0.018	0.019	0.019	0.019		
15030	0.018	0.019	0.019	0.02	0.02		
15060	0.018	0.019	0.019	0.019	0.019		
15090	0.018	0.018	0.019	0.019	0.019		
15120	0.018	0.018	0.018	0.019	0.019		
15150	0.018	0.018	0.018	0.018	0.018		
15180	0.018	0.018	0.018	0.019	0.019		
15210	0.018	0.018	0.019	0.019	0.019		
15240	0.018	0.018	0.018	0.019	0.019		
15270	0.018	0.018	0.018	0.019	0.019		
15300	0.018	0.018	0.019	0.019	0.02		
15330	0.018	0.018	0.018	0.018	0.018		
15360	0.018	0.018	0.018	0.018	0.018		
15390	0.018	0.018	0.018	0.018	0.018		
15420	0.018	0.018	0.018	0.018	0.018		
15450	0.018	0.018	0.018	0.018	0.019		
15480	0.018	0.018	0.018	0.018	0.019		

Dust Monitoring Results for DM-02

Elapsed Time [s]	PM1 [mg/m3]	PM2.5 [mg/m3]	PM4 [mg/m3]	PM10 [mg/m3]	TOTAL [mg/m3]	Alarms	Errors
15510	0.018	0.018	0.018	0.018	0.019		
15540	0.018	0.018	0.018	0.018	0.018		
15570	0.018	0.018	0.018	0.018	0.019		
15600	0.018	0.018	0.018	0.019	0.02		
15630	0.018	0.018	0.018	0.018	0.018		
15660	0.018	0.018	0.019	0.019	0.019		
15690	0.018	0.018	0.018	0.019	0.019		
15720	0.018	0.018	0.018	0.018	0.019		
15750	0.018	0.018	0.019	0.019	0.019		
15780	0.018	0.019	0.019	0.019	0.019		
15810	0.018	0.018	0.018	0.019	0.02		
15840	0.017	0.018	0.018	0.018	0.018		
15870	0.018	0.018	0.018	0.019	0.019		
15900	0.018	0.018	0.018	0.018	0.018		
15930	0.018	0.018	0.018	0.018	0.018		
15960	0.018	0.018	0.018	0.018	0.018		
15990	0.018	0.018	0.018	0.018	0.018		
16020	0.017	0.017	0.017	0.018	0.018		
16050	0.017	0.018	0.018	0.018	0.018		
16080	0.017	0.017	0.018	0.018	0.018		
16110	0.017	0.017	0.018	0.018	0.018		
16140	0.018	0.018	0.018	0.018	0.018		
16170	0.017	0.017	0.018	0.018	0.018		
16200	0.017	0.017	0.018	0.018	0.018		
16230	0.018	0.018	0.018	0.018	0.018		
16260	0.017	0.018	0.018	0.018	0.018		
16290	0.018	0.018	0.018	0.018	0.018		
16320	0.018	0.018	0.019	0.019	0.019		
16350	0.018	0.018	0.018	0.019	0.019		
16380	0.018	0.018	0.018	0.018	0.018		
16410	0.018	0.018	0.018	0.018	0.018		
16440	0.018	0.018	0.018	0.018	0.018		
16470	0.018	0.018	0.018	0.019	0.019		
16500	0.018	0.018	0.018	0.018	0.018		
16530	0.018	0.018	0.018	0.019	0.019		
16560	0.018	0.018	0.018	0.018	0.018		
16590	0.018	0.018	0.018	0.018	0.018		
16620	0.018	0.018	0.018	0.018	0.019		
16650	0.018	0.018	0.018	0.019	0.019		
16680	0.018	0.018	0.018	0.019	0.019		
16710	0.018	0.019	0.019	0.019	0.019		
16740	0.018	0.018	0.018	0.018	0.018		
16770	0.018	0.018	0.018	0.018	0.018		

Dust Monitoring Results for DM-02

Elapsed Time [s]	PM1 [mg/m3]	PM2.5 [mg/m3]	PM4 [mg/m3]	PM10 [mg/m3]	TOTAL [mg/m3]	Alarms	Errors
16800	0.018	0.018	0.018	0.018	0.018		
16830	0.018	0.018	0.018	0.018	0.018		
16860	0.018	0.018	0.018	0.019	0.02		
16890	0.018	0.018	0.018	0.019	0.019		
16920	0.018	0.018	0.018	0.019	0.019		
16950	0.018	0.018	0.018	0.019	0.019		
16980	0.018	0.018	0.018	0.019	0.019		
17010	0.018	0.018	0.018	0.019	0.019		
17040	0.018	0.018	0.019	0.019	0.019		
17070	0.018	0.018	0.018	0.019	0.019		
17100	0.018	0.018	0.019	0.019	0.019		
17130	0.018	0.019	0.019	0.019	0.019		
17160	0.018	0.018	0.018	0.019	0.019		
17190	0.018	0.018	0.019	0.019	0.019		
17220	0.018	0.019	0.019	0.019	0.019		
17250	0.018	0.019	0.019	0.019	0.019		
17280	0.018	0.019	0.019	0.019	0.019		
17310	0.02	0.021	0.021	0.024	0.025		
17340	0.019	0.019	0.019	0.02	0.02		
17370	0.019	0.019	0.019	0.02	0.02		
17400	0.019	0.019	0.019	0.019	0.019		
17430	0.018	0.019	0.019	0.019	0.019		
17460	0.018	0.019	0.019	0.019	0.019		
17490	0.018	0.018	0.019	0.019	0.019		
17520	0.018	0.018	0.019	0.019	0.019		
17550	0.018	0.018	0.018	0.019	0.019		
17580	0.018	0.018	0.018	0.018	0.018		
17610	0.018	0.018	0.018	0.018	0.018		
17640	0.018	0.018	0.019	0.019	0.019		
17670	0.018	0.018	0.018	0.019	0.019		
17700	0.018	0.018	0.018	0.019	0.019		
17730	0.018	0.018	0.018	0.018	0.018		
17760	0.018	0.018	0.019	0.019	0.019		
17790	0.019	0.019	0.019	0.019	0.019		
17820	0.018	0.018	0.018	0.019	0.019		
17850	0.018	0.018	0.019	0.019	0.019		
17880	0.018	0.019	0.019	0.019	0.019		
17910	0.019	0.019	0.019	0.02	0.02		
17940	0.019	0.019	0.019	0.02	0.02		
17970	0.018	0.019	0.019	0.019	0.019		
18000	0.018	0.019	0.019	0.019	0.019		
18030	0.018	0.018	0.019	0.019	0.019		
18060	0.018	0.018	0.018	0.018	0.018		

Dust Monitoring Results for DM-02

Elapsed Time [s]	PM1 [mg/m3]	PM2.5 [mg/m3]	PM4 [mg/m3]	PM10 [mg/m3]	TOTAL [mg/m3]	Alarms	Errors
18090	0.018	0.019	0.019	0.019	0.019		
18120	0.019	0.019	0.019	0.02	0.02		
18150	0.019	0.019	0.019	0.02	0.02		
18180	0.019	0.019	0.019	0.02	0.02		
18210	0.019	0.019	0.019	0.019	0.019		
18240	0.018	0.018	0.019	0.019	0.019		
18270	0.019	0.019	0.02	0.02	0.02		
18300	0.02	0.02	0.02	0.021	0.021		
18330	0.02	0.02	0.02	0.021	0.022		
18360	0.019	0.02	0.02	0.02	0.021		
18390	0.02	0.02	0.02	0.021	0.021		
18420	0.02	0.02	0.02	0.021	0.021		
18450	0.02	0.02	0.02	0.02	0.021		
18480	0.02	0.02	0.02	0.021	0.021		
18510	0.02	0.02	0.02	0.02	0.021		
18540	0.02	0.02	0.02	0.02	0.02		
18570	0.019	0.02	0.02	0.02	0.02		
18600	0.019	0.019	0.02	0.02	0.02		
18630	0.02	0.02	0.02	0.02	0.02		
18660	0.02	0.02	0.02	0.02	0.02		
18690	0.021	0.021	0.021	0.022	0.022		
18720	0.02	0.02	0.02	0.021	0.021		
18750	0.02	0.02	0.021	0.021	0.022		
18780	0.02	0.02	0.02	0.02	0.02		
18810	0.02	0.02	0.02	0.021	0.021		
18840	0.02	0.02	0.02	0.021	0.021		
18870	0.021	0.021	0.021	0.022	0.022		
18900	0.021	0.021	0.021	0.022	0.022		
18930	0.02	0.021	0.021	0.021	0.021		
18960	0.02	0.021	0.021	0.021	0.021		
18990	0.021	0.021	0.021	0.022	0.022		
19020	0.021	0.021	0.021	0.021	0.021		
19050	0.021	0.021	0.021	0.022	0.023		
19080	0.021	0.021	0.021	0.021	0.021		
19110	0.021	0.021	0.021	0.021	0.021		
19140	0.021	0.021	0.021	0.022	0.022		
19170	0.02	0.021	0.021	0.022	0.022		
19200	0.02	0.021	0.021	0.021	0.022		
19230	0.02	0.021	0.021	0.021	0.021		
19260	0.021	0.021	0.021	0.022	0.022		
19290	0.02	0.02	0.021	0.021	0.021		
19320	0.021	0.021	0.021	0.021	0.021		
19350	0.02	0.021	0.021	0.021	0.022		

Dust Monitoring Results for DM-02

Elapsed Time [s]	PM1 [mg/m3]	PM2.5 [mg/m3]	PM4 [mg/m3]	PM10 [mg/m3]	TOTAL [mg/m3]	Alarms	Errors
19380	0.021	0.021	0.021	0.022	0.022		
19410	0.021	0.022	0.022	0.023	0.023		
19440	0.021	0.021	0.021	0.021	0.021		
19470	0.021	0.021	0.021	0.022	0.022		
19500	0.02	0.021	0.021	0.021	0.022		
19530	0.02	0.02	0.021	0.021	0.021		
19560	0.02	0.02	0.02	0.02	0.02		
19590	0.02	0.021	0.021	0.022	0.022		
19620	0.021	0.021	0.021	0.022	0.022		
19650	0.02	0.02	0.021	0.021	0.021		
19680	0.02	0.02	0.021	0.021	0.021		
19710	0.02	0.02	0.021	0.021	0.021		
19740	0.02	0.021	0.021	0.021	0.021		
19770	0.02	0.02	0.021	0.022	0.022		
19800	0.02	0.02	0.02	0.02	0.02		
19830	0.02	0.02	0.02	0.021	0.021		
19860	0.02	0.02	0.02	0.021	0.021		
19890	0.02	0.02	0.021	0.021	0.021		
19920	0.02	0.02	0.02	0.021	0.021		
19950	0.02	0.02	0.02	0.021	0.021		
19980	0.02	0.021	0.021	0.021	0.021		
20010	0.02	0.021	0.021	0.021	0.021		
20040	0.02	0.02	0.02	0.021	0.021		
20070	0.02	0.02	0.02	0.021	0.021		
20100	0.02	0.02	0.02	0.02	0.02		
20130	0.02	0.02	0.021	0.021	0.021		
20160	0.02	0.02	0.021	0.021	0.021		
20190	0.02	0.02	0.021	0.022	0.022		
20220	0.02	0.021	0.021	0.021	0.021		
20250	0.02	0.021	0.021	0.021	0.021		
20280	0.02	0.021	0.021	0.021	0.021		
20310	0.021	0.021	0.021	0.023	0.023		
20340	0.021	0.021	0.021	0.021	0.021		
20370	0.02	0.021	0.021	0.021	0.021		
20400	0.021	0.021	0.021	0.021	0.021		
20430	0.021	0.021	0.021	0.022	0.022		
20460	0.02	0.021	0.021	0.021	0.021		
20490	0.02	0.021	0.021	0.021	0.021		
20520	0.021	0.021	0.021	0.022	0.023		
20550	0.021	0.021	0.021	0.022	0.022		
20580	0.021	0.021	0.021	0.022	0.022		
20610	0.021	0.021	0.021	0.022	0.022		
20640	0.02	0.02	0.021	0.021	0.021		

Dust Monitoring Results for DM-02

Elapsed Time [s]	PM1 [mg/m3]	PM2.5 [mg/m3]	PM4 [mg/m3]	PM10 [mg/m3]	TOTAL [mg/m3]	Alarms	Errors
20670	0.02	0.02	0.021	0.021	0.021		
20700	0.02	0.021	0.021	0.021	0.021		
20730	0.021	0.021	0.021	0.022	0.022		
20760	0.021	0.021	0.021	0.021	0.021		
20790	0.021	0.021	0.022	0.022	0.022		
20820	0.021	0.021	0.021	0.021	0.021		
20850	0.022	0.022	0.022	0.024	0.025		
20880	0.021	0.021	0.022	0.023	0.023		
20910	0.021	0.021	0.021	0.022	0.022		
20940	0.021	0.021	0.021	0.022	0.022		
20970	0.021	0.021	0.021	0.022	0.022		
21000	0.02	0.021	0.021	0.021	0.022		
21030	0.02	0.021	0.021	0.021	0.021		
21060	0.02	0.02	0.021	0.021	0.021		
21090	0.02	0.02	0.02	0.021	0.021		
21120	0.02	0.02	0.021	0.021	0.021		
21150	0.02	0.02	0.02	0.02	0.02		
21180	0.02	0.02	0.021	0.021	0.021		
21210	0.02	0.021	0.021	0.022	0.022		
21240	0.02	0.02	0.021	0.021	0.021		
21270	0.02	0.02	0.02	0.02	0.02		
21300	0.02	0.02	0.02	0.02	0.02		
21330	0.02	0.02	0.021	0.021	0.021		
21360	0.02	0.02	0.021	0.021	0.021		
21390	0.02	0.021	0.021	0.022	0.022		
21420	0.021	0.021	0.022	0.023	0.023		
21450	0.021	0.021	0.022	0.023	0.023		
21480	0.022	0.022	0.023	0.025	0.025		
21510	0.022	0.022	0.023	0.024	0.024		
21540	0.021	0.022	0.022	0.024	0.024		
21570	0.021	0.021	0.021	0.022	0.022		
21600	0.021	0.021	0.022	0.023	0.023		
21630	0.021	0.021	0.022	0.023	0.023		
21660	0.022	0.022	0.022	0.024	0.024		
21690	0.022	0.022	0.023	0.024	0.024		
21720	0.023	0.023	0.024	0.025	0.026		
21750	0.022	0.023	0.023	0.025	0.025		
21780	0.022	0.022	0.023	0.025	0.025		
21810	0.021	0.021	0.022	0.022	0.023		
21840	0.021	0.021	0.022	0.022	0.022		
21870	0.021	0.021	0.021	0.022	0.022		
21900	0.021	0.022	0.022	0.023	0.023		
21930	0.022	0.022	0.023	0.025	0.025		

Dust Monitoring Results for DM-02

Elapsed Time [s]	PM1 [mg/m3]	PM2.5 [mg/m3]	PM4 [mg/m3]	PM10 [mg/m3]	TOTAL [mg/m3]	Alarms	Errors
21960	0.022	0.022	0.023	0.024	0.025		
21990	0.022	0.022	0.023	0.024	0.025		
22020	0.021	0.022	0.022	0.024	0.024		
22050	0.021	0.022	0.022	0.024	0.025		
22080	0.021	0.021	0.022	0.023	0.023		
22110	0.022	0.022	0.023	0.024	0.025		
22140	0.021	0.021	0.022	0.023	0.023		
22170	0.021	0.022	0.022	0.023	0.023		
22200	0.021	0.021	0.021	0.023	0.023		
22230	0.02	0.021	0.021	0.021	0.022		
22260	0.02	0.02	0.021	0.021	0.021		
22290	0.021	0.021	0.021	0.022	0.022		
22320	0.021	0.021	0.022	0.023	0.023		
22350	0.021	0.021	0.022	0.023	0.023		
22380	0.021	0.022	0.022	0.024	0.025		
22410	0.022	0.022	0.023	0.025	0.025		
22440	0.021	0.021	0.021	0.023	0.023		
22470	0.021	0.021	0.021	0.023	0.024		
22500	0.021	0.021	0.022	0.023	0.023		
22530	0.021	0.022	0.022	0.025	0.025		
22560	0.02	0.021	0.021	0.023	0.023		
22590	0.02	0.021	0.021	0.022	0.022		
22620	0.021	0.021	0.021	0.022	0.022		
22650	0.021	0.021	0.021	0.023	0.023		
22680	0.02	0.021	0.021	0.022	0.022		
22710	0.021	0.021	0.021	0.023	0.024		
22740	0.02	0.021	0.021	0.022	0.022		
22770	0.021	0.022	0.022	0.025	0.025		
22800	0.021	0.021	0.022	0.024	0.024		
22830	0.02	0.021	0.021	0.022	0.023		
22860	0.02	0.021	0.021	0.022	0.022		
22890	0.021	0.021	0.022	0.024	0.024		
22920	0.02	0.02	0.02	0.022	0.023		
22950	0.021	0.021	0.022	0.024	0.025		
22980	0.02	0.021	0.021	0.022	0.022		
23010	0.02	0.02	0.02	0.022	0.022		
23040	0.019	0.02	0.02	0.021	0.022		
23070	0.019	0.02	0.02	0.021	0.022		
23100	0.019	0.019	0.02	0.02	0.02		
23130	0.018	0.019	0.019	0.02	0.02		
23160	0.019	0.019	0.019	0.02	0.02		
23190	0.019	0.019	0.019	0.02	0.02		
23220	0.019	0.019	0.019	0.02	0.02		

Dust Monitoring Results for DM-02

Elapsed Time [s]	PM1 [mg/m3]	PM2.5 [mg/m3]	PM4 [mg/m3]	PM10 [mg/m3]	TOTAL [mg/m3]	Alarms	Errors
23250	0.018	0.019	0.019	0.02	0.02		
23280	0.019	0.019	0.019	0.019	0.019		
23310	0.019	0.019	0.019	0.02	0.02		
23340	0.019	0.019	0.02	0.02	0.02		
23370	0.019	0.019	0.019	0.02	0.02		
23400	0.019	0.019	0.019	0.02	0.02		
23430	0.019	0.019	0.019	0.02	0.02		
23460	0.018	0.018	0.019	0.019	0.019		
23490	0.018	0.018	0.018	0.019	0.019		
23520	0.018	0.019	0.019	0.019	0.019		
23550	0.018	0.018	0.018	0.019	0.019		
23580	0.018	0.018	0.019	0.019	0.019		
23610	0.018	0.018	0.018	0.019	0.019		
23640	0.018	0.018	0.018	0.018	0.018		
23670	0.018	0.018	0.019	0.019	0.019		
23700	0.018	0.019	0.019	0.019	0.019		
23730	0.018	0.019	0.019	0.019	0.019		
23760	0.018	0.019	0.019	0.019	0.019		
23790	0.019	0.019	0.019	0.019	0.021		
23820	0.02	0.02	0.02	0.021	0.021		
23850	0.019	0.02	0.02	0.021	0.022		
23880	0.02	0.02	0.021	0.022	0.022		
23910	0.02	0.021	0.021	0.022	0.023		
23940	0.02	0.021	0.021	0.022	0.022		
23970	0.02	0.021	0.021	0.022	0.023		
24000	0.021	0.021	0.022	0.024	0.024		
24030	0.02	0.021	0.021	0.022	0.023		
24060	0.02	0.021	0.021	0.024	0.024		
24090	0.02	0.021	0.021	0.024	0.025		
24120	0.02	0.021	0.021	0.023	0.024		
24150	0.02	0.021	0.021	0.024	0.024		
24180	0.02	0.02	0.02	0.022	0.022		
24210	0.019	0.019	0.019	0.02	0.02		
24240	0.019	0.019	0.019	0.02	0.02		
24270	0.02	0.02	0.02	0.022	0.023		
24300	0.019	0.019	0.02	0.02	0.02		
24330	0.018	0.019	0.019	0.019	0.019		
24360	0.018	0.019	0.019	0.019	0.019		
24390	0.018	0.018	0.018	0.019	0.019		
24420	0.018	0.018	0.019	0.019	0.019		
24450	0.018	0.018	0.018	0.019	0.019		
24480	0.019	0.019	0.019	0.02	0.02		
24510	0.02	0.02	0.02	0.021	0.021		

Dust Monitoring Results for DM-02

Elapsed Time [s]	PM1 [mg/m3]	PM2.5 [mg/m3]	PM4 [mg/m3]	PM10 [mg/m3]	TOTAL [mg/m3]	Alarms	Errors
24540	0.02	0.02	0.02	0.022	0.022		
24570	0.02	0.021	0.021	0.023	0.023		
24600	0.021	0.021	0.022	0.023	0.024		
24630	0.021	0.021	0.022	0.024	0.024		
24660	0.021	0.022	0.022	0.024	0.025		
24690	0.02	0.02	0.021	0.022	0.022		
24720	0.02	0.02	0.021	0.022	0.022		
24750	0.02	0.02	0.02	0.021	0.021		
24780	0.019	0.02	0.02	0.02	0.02		
24810	0.019	0.019	0.019	0.02	0.02		
24840	0.019	0.019	0.019	0.02	0.02		
24870	0.019	0.02	0.02	0.02	0.02		
24900	0.019	0.019	0.019	0.02	0.02		
24930	0.019	0.019	0.019	0.02	0.02		
24960	0.019	0.019	0.02	0.02	0.02		
24990	0.02	0.02	0.02	0.021	0.021		
25020	0.019	0.019	0.019	0.019	0.019		
25050	0.019	0.019	0.02	0.02	0.02		
25080	0.019	0.02	0.02	0.02	0.021		
25110	0.02	0.02	0.02	0.022	0.022		
25140	0.021	0.021	0.021	0.022	0.022		
25170	0.021	0.022	0.022	0.023	0.023		
25200	0.02	0.021	0.021	0.022	0.022		
25230	0.021	0.021	0.021	0.023	0.023		
25260	0.02	0.021	0.021	0.021	0.021		
25290	0.021	0.021	0.021	0.023	0.023		
25320	0.022	0.022	0.022	0.023	0.023		
25350	0.021	0.022	0.022	0.023	0.023		
25380	0.021	0.022	0.022	0.023	0.023		
25410	0.022	0.022	0.022	0.023	0.023		
25440	0.022	0.022	0.023	0.023	0.023		
25470	0.022	0.023	0.023	0.023	0.023		
25500	0.023	0.023	0.023	0.024	0.024		
25530	0.022	0.023	0.023	0.024	0.024		
25560	0.023	0.023	0.023	0.024	0.024		
25590	0.023	0.023	0.023	0.024	0.024		
25620	0.023	0.023	0.024	0.025	0.026		
25650	0.023	0.023	0.023	0.025	0.025		
25680	0.023	0.023	0.023	0.024	0.024		
25710	0.023	0.023	0.024	0.025	0.025		
25740	0.023	0.023	0.023	0.024	0.024		
25770	0.021	0.022	0.022	0.022	0.022		
25800	0.022	0.022	0.023	0.024	0.024		

Dust Monitoring Results for DM-02

Elapsed Time [s]	PM1 [mg/m3]	PM2.5 [mg/m3]	PM4 [mg/m3]	PM10 [mg/m3]	TOTAL [mg/m3]	Alarms	Errors
25830	0.022	0.023	0.023	0.024	0.024		
25860	0.022	0.023	0.023	0.024	0.024		
25890	0.023	0.023	0.023	0.024	0.025		
25920	0.023	0.023	0.024	0.025	0.025		
25950	0.023	0.023	0.024	0.026	0.026		
25980	0.023	0.023	0.024	0.025	0.025		
26010	0.022	0.023	0.023	0.024	0.024		
26040	0.022	0.023	0.023	0.023	0.024		
26070	0.022	0.022	0.023	0.024	0.024		
26100	0.022	0.022	0.022	0.023	0.023		
26130	0.022	0.022	0.023	0.024	0.025		
26160	0.022	0.022	0.022	0.024	0.024		
26190	0.022	0.022	0.022	0.023	0.023		
26220	0.021	0.022	0.022	0.022	0.023		
26250	0.021	0.021	0.021	0.022	0.022		
26280	0.022	0.022	0.022	0.023	0.023		
26310	0.022	0.022	0.023	0.024	0.024		
26340	0.022	0.022	0.023	0.024	0.024		
26370	0.022	0.022	0.022	0.023	0.023		
26400	0.022	0.022	0.022	0.023	0.024		
26430	0.021	0.022	0.022	0.022	0.022		
26460	0.022	0.022	0.022	0.023	0.024		
26490	0.021	0.022	0.022	0.022	0.022		
26520	0.021	0.022	0.022	0.022	0.022		
26550	0.021	0.022	0.022	0.023	0.023		
26580	0.021	0.021	0.022	0.022	0.023		
26610	0.021	0.021	0.022	0.023	0.024		
26640	0.021	0.021	0.021	0.023	0.023		
26670	0.021	0.021	0.022	0.022	0.022		
26700	0.021	0.021	0.021	0.022	0.022		
26730	0.022	0.022	0.022	0.023	0.024		
26760	0.021	0.022	0.022	0.022	0.023		
26790	0.021	0.021	0.022	0.023	0.023		
26820	0.021	0.021	0.021	0.021	0.021		
26850	0.021	0.022	0.022	0.022	0.022		
26880	0.022	0.022	0.023	0.023	0.024		
26910	0.022	0.022	0.023	0.024	0.024		
26940	0.023	0.024	0.024	0.027	0.028		
26970	0.023	0.023	0.024	0.026	0.026		
27000	0.023	0.023	0.023	0.026	0.026		
27030	0.023	0.023	0.024	0.024	0.025		
27060	0.023	0.023	0.024	0.025	0.025		
27090	0.022	0.022	0.023	0.024	0.024		

Dust Monitoring Results for DM-02

Elapsed Time [s]	PM1 [mg/m3]	PM2.5 [mg/m3]	PM4 [mg/m3]	PM10 [mg/m3]	TOTAL [mg/m3]	Alarms	Errors
27120	0.022	0.022	0.023	0.024	0.025		
27150	0.022	0.022	0.023	0.023	0.024		
27180	0.022	0.022	0.023	0.023	0.024		
27210	0.023	0.023	0.023	0.025	0.025		
27240	0.022	0.023	0.023	0.024	0.026		
27270	0.022	0.023	0.023	0.024	0.024		
27300	0.022	0.023	0.023	0.023	0.023		
27330	0.022	0.022	0.023	0.023	0.023		
27360	0.022	0.023	0.023	0.024	0.024		
27390	0.023	0.023	0.023	0.024	0.024		
27420	0.023	0.023	0.023	0.024	0.024		
27450	0.023	0.024	0.024	0.025	0.026		
27480	0.023	0.023	0.024	0.025	0.025		
27510	0.023	0.023	0.023	0.024	0.024		
27540	0.023	0.023	0.023	0.024	0.024		
27570	0.023	0.024	0.024	0.025	0.025		
27600	0.023	0.023	0.023	0.024	0.025		
27630	0.023	0.023	0.023	0.024	0.025		
27660	0.023	0.023	0.024	0.024	0.025		
27690	0.023	0.023	0.024	0.025	0.025		
27720	0.023	0.023	0.023	0.024	0.024		
27750	0.023	0.023	0.023	0.024	0.024		
27780	0.023	0.023	0.024	0.025	0.025		
27810	0.023	0.024	0.024	0.025	0.025		
27840	0.024	0.024	0.025	0.025	0.026		
27870	0.024	0.024	0.024	0.026	0.026		
27900	0.024	0.024	0.024	0.026	0.026		
27930	0.024	0.024	0.025	0.027	0.027		
27960	0.023	0.024	0.024	0.026	0.026		
27990	0.023	0.023	0.024	0.025	0.025		
28020	0.023	0.024	0.024	0.026	0.026		
28050	0.022	0.023	0.023	0.024	0.024		
28080	0.022	0.022	0.023	0.023	0.024		
28110	0.022	0.022	0.023	0.024	0.024		
28140	0.022	0.023	0.023	0.024	0.024		
28170	0.023	0.023	0.024	0.025	0.025		
28200	0.023	0.024	0.024	0.026	0.026		
28230	0.024	0.024	0.025	0.027	0.028		
28260	0.024	0.024	0.025	0.026	0.026		
28290	0.023	0.024	0.024	0.025	0.027		
28320	0.023	0.024	0.024	0.025	0.026		
28350	0.023	0.024	0.024	0.026	0.026		
28380	0.024	0.024	0.024	0.027	0.027		

Dust Monitoring Results for DM-02

Elapsed Time [s]	PM1 [mg/m3]	PM2.5 [mg/m3]	PM4 [mg/m3]	PM10 [mg/m3]	TOTAL [mg/m3]	Alarms	Errors
28410	0.023	0.024	0.024	0.026	0.027		
28440	0.022	0.023	0.023	0.024	0.024		
28470	0.022	0.023	0.023	0.024	0.024		
28500	0.023	0.024	0.024	0.025	0.025		
28530	0.023	0.023	0.024	0.024	0.024		
28560	0.023	0.024	0.024	0.025	0.026		
28590	0.024	0.024	0.024	0.026	0.026		
28620	0.024	0.024	0.024	0.025	0.025		
28650	0.024	0.024	0.025	0.026	0.026		
28680	0.024	0.024	0.025	0.025	0.026		
28710	0.024	0.024	0.025	0.026	0.026		
28740	0.024	0.024	0.024	0.025	0.025		
28770	0.024	0.025	0.025	0.026	0.026		
28800	0.025	0.026	0.026	0.027	0.029		

Dust Monitoring Results for DM-03

Instrument Name	DustTrak DRX
Model Number	8533
Serial Number	8533103802
Firmware Version	3.1
Calibration Date	5/15/2024
Test Name	MANUAL_002
Test Start Time	8:18:58 AM
Test Start Date	7/30/2024
Test Length [D:H:M]	0:08:00
Test Interval [M:S]	0:30
PM1 Average [mg/m3]	0.018
PM1 Minimum [mg/m3]	0.011
PM1 Maximum [mg/m3]	0.027
PM1 TWA [mg/m3]	0.018
PM2.5 Average [mg/m3]	0.018
PM2.5 Minimum [mg/m3]	0.011
PM2.5 Maximum [mg/m3]	0.028
PM2.5 TWA [mg/m3]	0.018
PM4 Average [mg/m3]	0.018
PM4 Minimum [mg/m3]	0.012
PM4 Maximum [mg/m3]	0.028
PM4 TWA [mg/m3]	0.018
PM10 Average [mg/m3]	0.019
PM10 Minimum [mg/m3]	0.012
PM10 Maximum [mg/m3]	0.032
PM10 TWA [mg/m3]	0.019
TOTAL Average [mg/m3]	0.02
TOTAL Minimum [mg/m3]	0.012
TOTAL Maximum [mg/m3]	0.037
TOTAL TWA [mg/m3]	0.02
Photometric User Cal	1
Size Correction User Cal	1
Flow User Cal	0
Errors	
Number of Samples	960

Dust Monitoring Results for DM-03

Elapsed Time [s]	PM1 [mg/m3]	PM2.5 [mg/m3]	PM4 [mg/m3]	PM10 [mg/m3]	TOTAL [mg/m3]	Alarms	Errors
30	0.027	0.028	0.028	0.029	0.029		
60	0.027	0.027	0.027	0.028	0.028		
90	0.027	0.027	0.027	0.028	0.028		
120	0.026	0.027	0.027	0.028	0.028		
150	0.026	0.026	0.027	0.027	0.027		
180	0.027	0.027	0.027	0.028	0.028		
210	0.027	0.027	0.027	0.028	0.028		
240	0.026	0.026	0.027	0.027	0.028		
270	0.027	0.027	0.027	0.028	0.028		
300	0.027	0.027	0.027	0.027	0.027		
330	0.026	0.026	0.027	0.027	0.027		
360	0.026	0.026	0.027	0.027	0.027		
390	0.026	0.026	0.027	0.027	0.027		
420	0.026	0.027	0.027	0.027	0.027		
450	0.027	0.027	0.027	0.028	0.028		
480	0.026	0.026	0.027	0.027	0.027		
510	0.026	0.026	0.027	0.027	0.027		
540	0.026	0.026	0.027	0.027	0.027		
570	0.026	0.027	0.027	0.027	0.029		
600	0.026	0.026	0.026	0.027	0.028		
630	0.026	0.027	0.027	0.027	0.027		
660	0.027	0.027	0.027	0.027	0.028		
690	0.026	0.026	0.026	0.027	0.027		
720	0.027	0.027	0.027	0.028	0.029		
750	0.026	0.026	0.026	0.027	0.027		
780	0.026	0.026	0.026	0.026	0.026		
810	0.026	0.026	0.026	0.027	0.027		
840	0.025	0.026	0.026	0.026	0.026		
870	0.026	0.026	0.026	0.027	0.027		
900	0.025	0.026	0.026	0.026	0.026		
930	0.026	0.026	0.026	0.027	0.027		
960	0.025	0.026	0.026	0.026	0.027		
990	0.026	0.026	0.026	0.027	0.027		
1020	0.026	0.026	0.026	0.027	0.027		
1050	0.026	0.026	0.026	0.027	0.027		
1080	0.026	0.026	0.027	0.027	0.027		
1110	0.026	0.026	0.026	0.026	0.026		
1140	0.026	0.026	0.026	0.027	0.027		
1170	0.025	0.026	0.026	0.027	0.027		
1200	0.025	0.025	0.026	0.026	0.026		
1230	0.025	0.026	0.026	0.026	0.026		
1260	0.025	0.025	0.026	0.026	0.026		

Dust Monitoring Results for DM-03

Elapsed Time [s]	PM1 [mg/m3]	PM2.5 [mg/m3]	PM4 [mg/m3]	PM10 [mg/m3]	TOTAL [mg/m3]	Alarms	Errors
1290	0.025	0.025	0.026	0.026	0.028		
1320	0.025	0.025	0.025	0.025	0.025		
1350	0.025	0.025	0.025	0.025	0.025		
1380	0.025	0.025	0.026	0.026	0.026		
1410	0.025	0.025	0.025	0.026	0.026		
1440	0.025	0.025	0.026	0.026	0.027		
1470	0.025	0.025	0.025	0.027	0.027		
1500	0.026	0.026	0.027	0.028	0.028		
1530	0.026	0.026	0.027	0.028	0.03		
1560	0.026	0.026	0.026	0.027	0.027		
1590	0.025	0.025	0.025	0.026	0.026		
1620	0.026	0.026	0.026	0.027	0.027		
1650	0.027	0.027	0.028	0.029	0.031		
1680	0.026	0.026	0.027	0.029	0.03		
1710	0.026	0.026	0.026	0.027	0.027		
1740	0.025	0.025	0.026	0.027	0.027		
1770	0.027	0.027	0.028	0.032	0.033		
1800	0.027	0.027	0.027	0.028	0.03		
1830	0.026	0.027	0.027	0.028	0.031		
1860	0.026	0.026	0.026	0.027	0.027		
1890	0.026	0.026	0.026	0.028	0.028		
1920	0.025	0.025	0.026	0.026	0.027		
1950	0.025	0.026	0.026	0.027	0.027		
1980	0.026	0.026	0.027	0.028	0.03		
2010	0.027	0.027	0.027	0.029	0.03		
2040	0.026	0.026	0.027	0.028	0.028		
2070	0.025	0.026	0.026	0.027	0.027		
2100	0.025	0.025	0.026	0.026	0.026		
2130	0.025	0.026	0.026	0.027	0.027		
2160	0.026	0.026	0.026	0.028	0.029		
2190	0.025	0.025	0.026	0.027	0.029		
2220	0.025	0.025	0.026	0.026	0.026		
2250	0.025	0.025	0.025	0.026	0.027		
2280	0.025	0.026	0.026	0.028	0.028		
2310	0.025	0.025	0.026	0.027	0.027		
2340	0.026	0.026	0.026	0.027	0.028		
2370	0.025	0.025	0.025	0.026	0.026		
2400	0.025	0.025	0.025	0.026	0.026		
2430	0.025	0.025	0.025	0.026	0.026		
2460	0.025	0.025	0.025	0.025	0.025		
2490	0.025	0.025	0.025	0.027	0.027		
2520	0.024	0.025	0.025	0.026	0.026		

Dust Monitoring Results for DM-03

Elapsed Time [s]	PM1 [mg/m3]	PM2.5 [mg/m3]	PM4 [mg/m3]	PM10 [mg/m3]	TOTAL [mg/m3]	Alarms	Errors
2550	0.025	0.025	0.025	0.026	0.026		
2580	0.025	0.025	0.025	0.026	0.026		
2610	0.025	0.025	0.025	0.027	0.027		
2640	0.025	0.025	0.026	0.028	0.029		
2670	0.025	0.025	0.025	0.026	0.026		
2700	0.024	0.025	0.025	0.025	0.025		
2730	0.025	0.025	0.025	0.025	0.026		
2760	0.025	0.025	0.025	0.026	0.026		
2790	0.025	0.025	0.026	0.026	0.027		
2820	0.025	0.025	0.025	0.026	0.026		
2850	0.024	0.024	0.025	0.025	0.025		
2880	0.025	0.025	0.025	0.026	0.028		
2910	0.024	0.025	0.025	0.025	0.027		
2940	0.024	0.024	0.024	0.025	0.025		
2970	0.024	0.024	0.024	0.025	0.025		
3000	0.024	0.024	0.025	0.025	0.025		
3030	0.024	0.024	0.024	0.025	0.025		
3060	0.024	0.024	0.024	0.025	0.025		
3090	0.023	0.023	0.024	0.025	0.025		
3120	0.023	0.023	0.024	0.024	0.025		
3150	0.023	0.023	0.024	0.024	0.024		
3180	0.023	0.023	0.024	0.024	0.025		
3210	0.023	0.023	0.024	0.024	0.024		
3240	0.023	0.023	0.023	0.024	0.024		
3270	0.023	0.023	0.023	0.024	0.024		
3300	0.023	0.023	0.023	0.024	0.026		
3330	0.023	0.023	0.023	0.023	0.024		
3360	0.023	0.023	0.024	0.025	0.025		
3390	0.023	0.023	0.023	0.023	0.023		
3420	0.023	0.024	0.024	0.025	0.025		
3450	0.024	0.024	0.024	0.025	0.025		
3480	0.024	0.024	0.025	0.026	0.028		
3510	0.024	0.024	0.024	0.025	0.025		
3540	0.023	0.023	0.024	0.025	0.025		
3570	0.023	0.024	0.024	0.026	0.026		
3600	0.023	0.023	0.023	0.023	0.023		
3630	0.025	0.025	0.026	0.028	0.031		
3660	0.023	0.023	0.023	0.023	0.024		
3690	0.023	0.023	0.023	0.024	0.024		
3720	0.023	0.023	0.023	0.023	0.023		
3750	0.023	0.023	0.023	0.024	0.025		
3780	0.023	0.023	0.023	0.024	0.024		

Dust Monitoring Results for DM-03

Elapsed Time [s]	PM1 [mg/m3]	PM2.5 [mg/m3]	PM4 [mg/m3]	PM10 [mg/m3]	TOTAL [mg/m3]	Alarms	Errors
3810	0.022	0.023	0.023	0.023	0.023		
3840	0.023	0.023	0.023	0.024	0.024		
3870	0.023	0.023	0.023	0.024	0.024		
3900	0.022	0.023	0.023	0.024	0.024		
3930	0.022	0.023	0.023	0.023	0.023		
3960	0.022	0.023	0.023	0.023	0.023		
3990	0.022	0.022	0.022	0.023	0.023		
4020	0.022	0.022	0.023	0.023	0.023		
4050	0.022	0.022	0.022	0.023	0.023		
4080	0.022	0.022	0.023	0.023	0.023		
4110	0.022	0.022	0.023	0.023	0.024		
4140	0.022	0.023	0.023	0.024	0.024		
4170	0.022	0.022	0.022	0.023	0.023		
4200	0.022	0.022	0.022	0.022	0.022		
4230	0.022	0.022	0.022	0.023	0.023		
4260	0.022	0.022	0.022	0.022	0.022		
4290	0.023	0.023	0.023	0.024	0.025		
4320	0.022	0.022	0.022	0.023	0.023		
4350	0.022	0.022	0.022	0.023	0.023		
4380	0.022	0.022	0.022	0.023	0.023		
4410	0.022	0.022	0.022	0.023	0.023		
4440	0.022	0.023	0.023	0.024	0.024		
4470	0.022	0.022	0.022	0.022	0.022		
4500	0.022	0.022	0.022	0.023	0.024		
4530	0.022	0.022	0.022	0.023	0.025		
4560	0.022	0.022	0.022	0.023	0.023		
4590	0.022	0.022	0.022	0.024	0.025		
4620	0.021	0.022	0.022	0.023	0.023		
4650	0.022	0.022	0.022	0.023	0.023		
4680	0.022	0.022	0.023	0.024	0.024		
4710	0.022	0.022	0.023	0.024	0.024		
4740	0.022	0.022	0.022	0.023	0.023		
4770	0.022	0.022	0.022	0.023	0.024		
4800	0.022	0.023	0.023	0.025	0.026		
4830	0.022	0.022	0.023	0.024	0.025		
4860	0.022	0.022	0.023	0.024	0.024		
4890	0.022	0.023	0.023	0.024	0.024		
4920	0.022	0.022	0.023	0.024	0.025		
4950	0.022	0.022	0.022	0.023	0.023		
4980	0.022	0.022	0.022	0.023	0.023		
5010	0.022	0.022	0.022	0.023	0.024		
5040	0.022	0.022	0.023	0.023	0.025		

Dust Monitoring Results for DM-03

Elapsed Time [s]	PM1 [mg/m3]	PM2.5 [mg/m3]	PM4 [mg/m3]	PM10 [mg/m3]	TOTAL [mg/m3]	Alarms	Errors
5070	0.022	0.023	0.023	0.024	0.025		
5100	0.022	0.022	0.023	0.023	0.025		
5130	0.022	0.022	0.022	0.023	0.023		
5160	0.022	0.022	0.022	0.022	0.022		
5190	0.021	0.021	0.021	0.022	0.022		
5220	0.021	0.021	0.021	0.021	0.023		
5250	0.021	0.021	0.022	0.023	0.023		
5280	0.021	0.021	0.022	0.022	0.024		
5310	0.022	0.022	0.022	0.022	0.022		
5340	0.021	0.022	0.022	0.022	0.023		
5370	0.021	0.021	0.022	0.023	0.023		
5400	0.021	0.021	0.022	0.022	0.022		
5430	0.021	0.021	0.022	0.022	0.022		
5460	0.021	0.022	0.022	0.022	0.022		
5490	0.021	0.021	0.022	0.022	0.022		
5520	0.021	0.021	0.021	0.022	0.022		
5550	0.021	0.021	0.021	0.022	0.022		
5580	0.021	0.021	0.021	0.022	0.022		
5610	0.021	0.021	0.022	0.023	0.023		
5640	0.021	0.021	0.021	0.022	0.022		
5670	0.021	0.021	0.021	0.022	0.022		
5700	0.021	0.021	0.021	0.022	0.022		
5730	0.021	0.021	0.021	0.022	0.022		
5760	0.021	0.021	0.022	0.023	0.023		
5790	0.021	0.021	0.022	0.022	0.022		
5820	0.021	0.021	0.021	0.022	0.022		
5850	0.021	0.021	0.021	0.022	0.022		
5880	0.023	0.023	0.023	0.027	0.033		
5910	0.021	0.021	0.022	0.023	0.024		
5940	0.02	0.02	0.021	0.021	0.021		
5970	0.02	0.02	0.02	0.02	0.02		
6000	0.02	0.02	0.02	0.021	0.021		
6030	0.02	0.02	0.021	0.021	0.021		
6060	0.021	0.021	0.022	0.022	0.024		
6090	0.021	0.022	0.022	0.022	0.023		
6120	0.021	0.021	0.022	0.022	0.024		
6150	0.021	0.021	0.021	0.023	0.023		
6180	0.021	0.021	0.021	0.023	0.023		
6210	0.021	0.021	0.022	0.022	0.023		
6240	0.021	0.021	0.022	0.023	0.023		
6270	0.021	0.021	0.021	0.023	0.023		
6300	0.021	0.021	0.021	0.022	0.023		

Dust Monitoring Results for DM-03

Elapsed Time [s]	PM1 [mg/m3]	PM2.5 [mg/m3]	PM4 [mg/m3]	PM10 [mg/m3]	TOTAL [mg/m3]	Alarms	Errors
6330	0.021	0.021	0.021	0.022	0.022		
6360	0.021	0.021	0.021	0.021	0.021		
6390	0.021	0.021	0.021	0.022	0.022		
6420	0.021	0.021	0.021	0.022	0.022		
6450	0.021	0.021	0.021	0.022	0.022		
6480	0.021	0.021	0.022	0.023	0.023		
6510	0.022	0.022	0.022	0.024	0.024		
6540	0.022	0.022	0.022	0.024	0.024		
6570	0.022	0.022	0.022	0.024	0.025		
6600	0.021	0.022	0.022	0.023	0.023		
6630	0.021	0.021	0.022	0.023	0.024		
6660	0.022	0.022	0.022	0.024	0.025		
6690	0.022	0.022	0.022	0.024	0.024		
6720	0.021	0.021	0.022	0.022	0.024		
6750	0.022	0.022	0.022	0.023	0.024		
6780	0.021	0.021	0.022	0.022	0.024		
6810	0.021	0.021	0.022	0.023	0.023		
6840	0.022	0.022	0.022	0.024	0.026		
6870	0.021	0.021	0.021	0.022	0.022		
6900	0.021	0.021	0.022	0.023	0.025		
6930	0.021	0.021	0.022	0.023	0.023		
6960	0.021	0.021	0.021	0.022	0.022		
6990	0.021	0.021	0.021	0.021	0.021		
7020	0.021	0.021	0.021	0.022	0.022		
7050	0.021	0.021	0.021	0.021	0.021		
7080	0.021	0.021	0.021	0.022	0.022		
7110	0.02	0.021	0.021	0.021	0.021		
7140	0.021	0.021	0.021	0.022	0.022		
7170	0.021	0.021	0.021	0.021	0.021		
7200	0.021	0.021	0.021	0.021	0.021		
7230	0.021	0.021	0.021	0.022	0.022		
7260	0.021	0.021	0.021	0.021	0.021		
7290	0.021	0.021	0.021	0.022	0.024		
7320	0.02	0.021	0.021	0.022	0.022		
7350	0.021	0.021	0.021	0.022	0.023		
7380	0.021	0.021	0.021	0.022	0.022		
7410	0.021	0.021	0.021	0.022	0.023		
7440	0.021	0.021	0.021	0.021	0.021		
7470	0.02	0.021	0.021	0.021	0.021		
7500	0.02	0.02	0.021	0.021	0.021		
7530	0.02	0.02	0.02	0.021	0.021		
7560	0.021	0.021	0.021	0.022	0.022		

Dust Monitoring Results for DM-03

Elapsed Time [s]	PM1 [mg/m3]	PM2.5 [mg/m3]	PM4 [mg/m3]	PM10 [mg/m3]	TOTAL [mg/m3]	Alarms	Errors
7590	0.02	0.02	0.021	0.021	0.021		
7620	0.021	0.021	0.021	0.022	0.022		
7650	0.02	0.021	0.021	0.022	0.022		
7680	0.021	0.021	0.021	0.021	0.021		
7710	0.02	0.02	0.021	0.021	0.021		
7740	0.02	0.02	0.021	0.022	0.022		
7770	0.02	0.02	0.02	0.02	0.02		
7800	0.02	0.02	0.021	0.021	0.021		
7830	0.02	0.02	0.02	0.02	0.022		
7860	0.02	0.02	0.021	0.021	0.021		
7890	0.02	0.02	0.021	0.021	0.022		
7920	0.02	0.02	0.02	0.021	0.021		
7950	0.02	0.02	0.021	0.021	0.021		
7980	0.02	0.02	0.02	0.021	0.021		
8010	0.02	0.02	0.02	0.02	0.02		
8040	0.019	0.019	0.02	0.02	0.02		
8070	0.019	0.019	0.02	0.02	0.02		
8100	0.02	0.02	0.02	0.021	0.021		
8130	0.019	0.02	0.02	0.02	0.02		
8160	0.02	0.02	0.02	0.021	0.021		
8190	0.019	0.02	0.02	0.02	0.02		
8220	0.02	0.02	0.02	0.021	0.021		
8250	0.019	0.019	0.019	0.02	0.02		
8280	0.019	0.019	0.019	0.02	0.02		
8310	0.019	0.019	0.019	0.02	0.02		
8340	0.019	0.019	0.019	0.02	0.02		
8370	0.019	0.019	0.019	0.02	0.02		
8400	0.019	0.019	0.019	0.019	0.019		
8430	0.019	0.019	0.02	0.021	0.022		
8460	0.019	0.019	0.019	0.02	0.02		
8490	0.019	0.019	0.019	0.02	0.02		
8520	0.018	0.018	0.019	0.019	0.019		
8550	0.018	0.018	0.019	0.019	0.019		
8580	0.018	0.018	0.018	0.019	0.019		
8610	0.018	0.018	0.018	0.019	0.02		
8640	0.018	0.018	0.018	0.019	0.019		
8670	0.018	0.018	0.018	0.019	0.019		
8700	0.018	0.019	0.019	0.019	0.019		
8730	0.019	0.019	0.019	0.02	0.02		
8760	0.019	0.019	0.019	0.02	0.02		
8790	0.019	0.019	0.02	0.02	0.02		
8820	0.019	0.019	0.02	0.02	0.02		

Dust Monitoring Results for DM-03

Elapsed Time [s]	PM1 [mg/m3]	PM2.5 [mg/m3]	PM4 [mg/m3]	PM10 [mg/m3]	TOTAL [mg/m3]	Alarms	Errors
8850	0.019	0.019	0.019	0.02	0.02		
8880	0.019	0.019	0.02	0.021	0.021		
8910	0.019	0.019	0.02	0.02	0.02		
8940	0.019	0.019	0.019	0.019	0.021		
8970	0.018	0.019	0.019	0.019	0.019		
9000	0.019	0.019	0.019	0.02	0.021		
9030	0.018	0.018	0.019	0.019	0.019		
9060	0.018	0.018	0.018	0.019	0.019		
9090	0.018	0.018	0.018	0.019	0.019		
9120	0.018	0.018	0.019	0.02	0.021		
9150	0.019	0.019	0.019	0.02	0.021		
9180	0.019	0.019	0.019	0.021	0.021		
9210	0.019	0.019	0.02	0.021	0.021		
9240	0.019	0.019	0.02	0.021	0.021		
9270	0.019	0.019	0.019	0.02	0.021		
9300	0.018	0.019	0.019	0.019	0.02		
9330	0.019	0.019	0.02	0.021	0.022		
9360	0.019	0.019	0.02	0.021	0.022		
9390	0.019	0.019	0.02	0.021	0.024		
9420	0.019	0.019	0.019	0.021	0.022		
9450	0.019	0.019	0.02	0.021	0.021		
9480	0.02	0.02	0.02	0.024	0.024		
9510	0.019	0.02	0.02	0.023	0.025		
9540	0.02	0.02	0.021	0.023	0.024		
9570	0.02	0.02	0.021	0.024	0.025		
9600	0.02	0.02	0.02	0.023	0.023		
9630	0.02	0.02	0.02	0.023	0.024		
9660	0.019	0.019	0.02	0.023	0.023		
9690	0.021	0.021	0.022	0.025	0.031		
9720	0.021	0.021	0.022	0.027	0.033		
9750	0.02	0.02	0.021	0.024	0.024		
9780	0.019	0.02	0.02	0.022	0.022		
9810	0.019	0.02	0.02	0.023	0.026		
9840	0.019	0.019	0.02	0.023	0.025		
9870	0.018	0.018	0.019	0.02	0.02		
9900	0.018	0.018	0.019	0.021	0.021		
9930	0.018	0.018	0.019	0.02	0.023		
9960	0.018	0.018	0.019	0.02	0.021		
9990	0.018	0.018	0.019	0.02	0.021		
10020	0.018	0.018	0.018	0.02	0.02		
10050	0.018	0.018	0.019	0.02	0.02		
10080	0.018	0.018	0.018	0.019	0.019		

Dust Monitoring Results for DM-03

Elapsed Time [s]	PM1 [mg/m3]	PM2.5 [mg/m3]	PM4 [mg/m3]	PM10 [mg/m3]	TOTAL [mg/m3]	Alarms	Errors
10110	0.017	0.017	0.018	0.019	0.02		
10140	0.018	0.018	0.019	0.02	0.02		
10170	0.018	0.019	0.019	0.021	0.021		
10200	0.019	0.019	0.019	0.022	0.022		
10230	0.018	0.018	0.019	0.021	0.021		
10260	0.018	0.018	0.019	0.02	0.021		
10290	0.018	0.019	0.019	0.02	0.021		
10320	0.018	0.018	0.018	0.019	0.019		
10350	0.018	0.018	0.019	0.021	0.021		
10380	0.017	0.017	0.018	0.019	0.019		
10410	0.018	0.018	0.018	0.019	0.019		
10440	0.018	0.018	0.019	0.02	0.02		
10470	0.018	0.018	0.018	0.021	0.021		
10500	0.017	0.017	0.017	0.018	0.018		
10530	0.017	0.017	0.018	0.019	0.019		
10560	0.016	0.017	0.017	0.017	0.017		
10590	0.017	0.017	0.017	0.017	0.017		
10620	0.016	0.016	0.016	0.017	0.017		
10650	0.017	0.017	0.017	0.017	0.017		
10680	0.016	0.016	0.017	0.017	0.017		
10710	0.017	0.017	0.017	0.017	0.017		
10740	0.016	0.017	0.017	0.017	0.017		
10770	0.016	0.016	0.017	0.017	0.017		
10800	0.016	0.016	0.016	0.017	0.017		
10830	0.016	0.016	0.016	0.016	0.016		
10860	0.016	0.016	0.016	0.016	0.017		
10890	0.016	0.016	0.017	0.017	0.017		
10920	0.016	0.016	0.017	0.017	0.017		
10950	0.016	0.016	0.016	0.017	0.017		
10980	0.016	0.016	0.017	0.017	0.017		
11010	0.016	0.016	0.016	0.016	0.016		
11040	0.016	0.016	0.017	0.017	0.017		
11070	0.016	0.016	0.016	0.016	0.016		
11100	0.017	0.017	0.017	0.018	0.019		
11130	0.018	0.018	0.019	0.022	0.025		
11160	0.018	0.018	0.019	0.021	0.023		
11190	0.016	0.016	0.017	0.017	0.017		
11220	0.016	0.017	0.017	0.017	0.017		
11250	0.016	0.017	0.017	0.017	0.017		
11280	0.016	0.017	0.017	0.017	0.017		
11310	0.017	0.017	0.017	0.017	0.017		
11340	0.016	0.016	0.016	0.017	0.017		

Dust Monitoring Results for DM-03

Elapsed Time [s]	PM1 [mg/m3]	PM2.5 [mg/m3]	PM4 [mg/m3]	PM10 [mg/m3]	TOTAL [mg/m3]	Alarms	Errors
11370	0.016	0.016	0.017	0.017	0.017		
11400	0.016	0.016	0.017	0.017	0.017		
11430	0.016	0.016	0.016	0.017	0.017		
11460	0.016	0.016	0.016	0.017	0.017		
11490	0.017	0.017	0.017	0.017	0.018		
11520	0.017	0.017	0.017	0.018	0.018		
11550	0.016	0.017	0.017	0.017	0.017		
11580	0.017	0.017	0.017	0.017	0.017		
11610	0.017	0.017	0.017	0.018	0.018		
11640	0.017	0.017	0.017	0.017	0.018		
11670	0.017	0.017	0.017	0.018	0.018		
11700	0.017	0.017	0.017	0.017	0.017		
11730	0.016	0.017	0.017	0.018	0.018		
11760	0.017	0.017	0.017	0.018	0.018		
11790	0.017	0.017	0.018	0.018	0.018		
11820	0.017	0.017	0.017	0.018	0.018		
11850	0.017	0.017	0.017	0.018	0.018		
11880	0.017	0.017	0.017	0.017	0.018		
11910	0.017	0.017	0.017	0.017	0.017		
11940	0.017	0.017	0.018	0.018	0.018		
11970	0.017	0.017	0.017	0.018	0.019		
12000	0.017	0.017	0.017	0.017	0.017		
12030	0.018	0.018	0.018	0.019	0.021		
12060	0.018	0.018	0.018	0.018	0.019		
12090	0.018	0.018	0.018	0.018	0.018		
12120	0.018	0.018	0.018	0.018	0.018		
12150	0.018	0.018	0.018	0.018	0.018		
12180	0.017	0.018	0.018	0.019	0.019		
12210	0.018	0.018	0.018	0.019	0.02		
12240	0.018	0.018	0.018	0.019	0.019		
12270	0.018	0.018	0.018	0.018	0.018		
12300	0.017	0.017	0.017	0.018	0.018		
12330	0.017	0.017	0.018	0.018	0.019		
12360	0.017	0.018	0.018	0.018	0.019		
12390	0.017	0.017	0.018	0.018	0.018		
12420	0.017	0.017	0.017	0.018	0.018		
12450	0.017	0.017	0.017	0.018	0.018		
12480	0.017	0.017	0.018	0.018	0.018		
12510	0.017	0.017	0.018	0.018	0.019		
12540	0.017	0.017	0.017	0.018	0.018		
12570	0.017	0.017	0.018	0.018	0.018		
12600	0.017	0.017	0.017	0.018	0.018		

Dust Monitoring Results for DM-03

Elapsed Time [s]	PM1 [mg/m3]	PM2.5 [mg/m3]	PM4 [mg/m3]	PM10 [mg/m3]	TOTAL [mg/m3]	Alarms	Errors
12630	0.017	0.017	0.017	0.018	0.018		
12660	0.017	0.017	0.017	0.018	0.02		
12690	0.017	0.017	0.017	0.018	0.018		
12720	0.017	0.017	0.018	0.018	0.019		
12750	0.017	0.017	0.017	0.017	0.017		
12780	0.017	0.017	0.017	0.017	0.017		
12810	0.017	0.017	0.017	0.017	0.017		
12840	0.017	0.017	0.017	0.019	0.019		
12870	0.017	0.017	0.017	0.018	0.02		
12900	0.017	0.017	0.017	0.019	0.019		
12930	0.017	0.017	0.017	0.018	0.019		
12960	0.016	0.016	0.017	0.017	0.017		
12990	0.017	0.017	0.017	0.018	0.018		
13020	0.018	0.018	0.018	0.02	0.02		
13050	0.016	0.017	0.017	0.018	0.018		
13080	0.017	0.017	0.018	0.018	0.02		
13110	0.018	0.018	0.019	0.021	0.022		
13140	0.017	0.017	0.018	0.02	0.02		
13170	0.017	0.017	0.017	0.018	0.019		
13200	0.016	0.016	0.017	0.017	0.017		
13230	0.017	0.017	0.017	0.018	0.018		
13260	0.016	0.017	0.017	0.018	0.018		
13290	0.016	0.016	0.017	0.018	0.019		
13320	0.016	0.016	0.017	0.017	0.018		
13350	0.016	0.016	0.016	0.016	0.016		
13380	0.016	0.016	0.016	0.016	0.016		
13410	0.016	0.016	0.016	0.016	0.016		
13440	0.016	0.016	0.016	0.017	0.017		
13470	0.016	0.016	0.016	0.017	0.017		
13500	0.016	0.016	0.016	0.017	0.017		
13530	0.016	0.016	0.016	0.017	0.017		
13560	0.016	0.016	0.016	0.016	0.017		
13590	0.015	0.015	0.016	0.016	0.016		
13620	0.015	0.016	0.016	0.016	0.016		
13650	0.016	0.016	0.016	0.017	0.017		
13680	0.016	0.016	0.016	0.017	0.017		
13710	0.016	0.016	0.016	0.017	0.017		
13740	0.016	0.016	0.016	0.016	0.016		
13770	0.016	0.016	0.016	0.017	0.017		
13800	0.015	0.015	0.016	0.017	0.017		
13830	0.015	0.015	0.016	0.017	0.017		
13860	0.016	0.016	0.016	0.016	0.016		

Dust Monitoring Results for DM-03

Elapsed Time [s]	PM1 [mg/m3]	PM2.5 [mg/m3]	PM4 [mg/m3]	PM10 [mg/m3]	TOTAL [mg/m3]	Alarms	Errors
13890	0.015	0.015	0.016	0.017	0.017		
13920	0.015	0.015	0.016	0.017	0.017		
13950	0.015	0.015	0.016	0.016	0.016		
13980	0.016	0.016	0.016	0.016	0.016		
14010	0.015	0.015	0.015	0.016	0.016		
14040	0.015	0.015	0.015	0.015	0.015		
14070	0.016	0.016	0.016	0.016	0.016		
14100	0.015	0.016	0.016	0.016	0.016		
14130	0.015	0.015	0.016	0.016	0.016		
14160	0.015	0.015	0.016	0.016	0.016		
14190	0.015	0.015	0.016	0.016	0.016		
14220	0.015	0.015	0.015	0.016	0.016		
14250	0.015	0.015	0.015	0.016	0.016		
14280	0.015	0.015	0.016	0.016	0.016		
14310	0.015	0.016	0.016	0.017	0.017		
14340	0.015	0.015	0.016	0.016	0.016		
14370	0.015	0.015	0.016	0.016	0.016		
14400	0.015	0.015	0.015	0.015	0.015		
14430	0.015	0.015	0.015	0.016	0.016		
14460	0.015	0.015	0.015	0.015	0.016		
14490	0.015	0.015	0.015	0.015	0.015		
14520	0.015	0.015	0.015	0.016	0.016		
14550	0.015	0.015	0.016	0.017	0.017		
14580	0.015	0.015	0.015	0.016	0.016		
14610	0.015	0.015	0.015	0.015	0.015		
14640	0.014	0.015	0.015	0.015	0.015		
14670	0.015	0.015	0.015	0.015	0.015		
14700	0.015	0.015	0.015	0.016	0.016		
14730	0.015	0.015	0.015	0.016	0.016		
14760	0.015	0.015	0.015	0.015	0.016		
14790	0.015	0.015	0.015	0.015	0.015		
14820	0.014	0.014	0.015	0.015	0.015		
14850	0.015	0.015	0.015	0.015	0.015		
14880	0.014	0.014	0.015	0.015	0.015		
14910	0.014	0.014	0.014	0.015	0.015		
14940	0.014	0.014	0.014	0.015	0.015		
14970	0.014	0.014	0.014	0.015	0.015		
15000	0.015	0.015	0.015	0.016	0.016		
15030	0.015	0.015	0.015	0.015	0.015		
15060	0.014	0.014	0.014	0.014	0.014		
15090	0.014	0.014	0.015	0.015	0.015		
15120	0.014	0.014	0.015	0.015	0.015		

Dust Monitoring Results for DM-03

Elapsed Time [s]	PM1 [mg/m3]	PM2.5 [mg/m3]	PM4 [mg/m3]	PM10 [mg/m3]	TOTAL [mg/m3]	Alarms	Errors
15150	0.014	0.014	0.014	0.015	0.015		
15180	0.015	0.015	0.015	0.015	0.015		
15210	0.015	0.015	0.015	0.016	0.016		
15240	0.014	0.014	0.015	0.015	0.015		
15270	0.015	0.015	0.015	0.016	0.017		
15300	0.014	0.015	0.015	0.015	0.015		
15330	0.015	0.015	0.015	0.016	0.016		
15360	0.015	0.015	0.015	0.016	0.017		
15390	0.014	0.014	0.015	0.015	0.015		
15420	0.014	0.014	0.015	0.015	0.015		
15450	0.014	0.014	0.014	0.015	0.015		
15480	0.014	0.014	0.014	0.015	0.015		
15510	0.014	0.014	0.014	0.014	0.014		
15540	0.014	0.014	0.014	0.015	0.015		
15570	0.014	0.014	0.014	0.015	0.015		
15600	0.014	0.014	0.014	0.014	0.014		
15630	0.014	0.014	0.014	0.015	0.015		
15660	0.014	0.014	0.014	0.014	0.014		
15690	0.014	0.014	0.015	0.015	0.015		
15720	0.014	0.014	0.014	0.014	0.014		
15750	0.015	0.015	0.015	0.015	0.015		
15780	0.014	0.014	0.014	0.014	0.014		
15810	0.014	0.014	0.015	0.015	0.015		
15840	0.014	0.014	0.014	0.015	0.015		
15870	0.014	0.014	0.015	0.015	0.015		
15900	0.014	0.015	0.015	0.015	0.015		
15930	0.014	0.014	0.015	0.015	0.015		
15960	0.014	0.014	0.014	0.015	0.015		
15990	0.014	0.014	0.014	0.015	0.015		
16020	0.014	0.014	0.015	0.015	0.015		
16050	0.014	0.014	0.014	0.015	0.015		
16080	0.014	0.014	0.014	0.015	0.015		
16110	0.014	0.014	0.015	0.015	0.015		
16140	0.015	0.015	0.015	0.016	0.017		
16170	0.014	0.014	0.015	0.015	0.016		
16200	0.014	0.014	0.014	0.015	0.015		
16230	0.014	0.014	0.015	0.015	0.015		
16260	0.015	0.015	0.015	0.015	0.015		
16290	0.014	0.014	0.014	0.015	0.015		
16320	0.014	0.014	0.015	0.015	0.016		
16350	0.014	0.014	0.014	0.014	0.014		
16380	0.014	0.015	0.015	0.015	0.015		

Dust Monitoring Results for DM-03

Elapsed Time [s]	PM1 [mg/m3]	PM2.5 [mg/m3]	PM4 [mg/m3]	PM10 [mg/m3]	TOTAL [mg/m3]	Alarms	Errors
16410	0.014	0.015	0.015	0.015	0.015		
16440	0.014	0.014	0.015	0.015	0.015		
16470	0.014	0.014	0.015	0.015	0.015		
16500	0.015	0.015	0.015	0.015	0.015		
16530	0.014	0.014	0.015	0.015	0.015		
16560	0.014	0.014	0.015	0.015	0.015		
16590	0.014	0.014	0.014	0.015	0.015		
16620	0.015	0.015	0.015	0.015	0.015		
16650	0.014	0.014	0.015	0.015	0.015		
16680	0.015	0.015	0.015	0.016	0.017		
16710	0.014	0.015	0.015	0.015	0.015		
16740	0.015	0.015	0.015	0.016	0.016		
16770	0.016	0.016	0.016	0.016	0.018		
16800	0.015	0.015	0.015	0.015	0.015		
16830	0.015	0.015	0.015	0.016	0.016		
16860	0.015	0.015	0.015	0.015	0.015		
16890	0.015	0.015	0.015	0.016	0.016		
16920	0.015	0.015	0.015	0.016	0.017		
16950	0.015	0.015	0.015	0.015	0.015		
16980	0.015	0.015	0.015	0.015	0.015		
17010	0.014	0.014	0.015	0.015	0.015		
17040	0.014	0.014	0.015	0.015	0.016		
17070	0.014	0.015	0.015	0.015	0.015		
17100	0.014	0.014	0.015	0.015	0.016		
17130	0.014	0.014	0.015	0.015	0.015		
17160	0.015	0.015	0.015	0.016	0.016		
17190	0.014	0.014	0.014	0.015	0.015		
17220	0.015	0.015	0.015	0.016	0.016		
17250	0.015	0.015	0.015	0.016	0.016		
17280	0.014	0.014	0.015	0.015	0.015		
17310	0.015	0.015	0.015	0.015	0.015		
17340	0.015	0.015	0.015	0.017	0.017		
17370	0.015	0.015	0.015	0.016	0.016		
17400	0.015	0.015	0.015	0.015	0.016		
17430	0.014	0.015	0.015	0.015	0.015		
17460	0.015	0.015	0.015	0.015	0.015		
17490	0.014	0.014	0.015	0.015	0.015		
17520	0.014	0.014	0.014	0.016	0.016		
17550	0.014	0.014	0.014	0.015	0.015		
17580	0.015	0.015	0.015	0.015	0.015		
17610	0.014	0.014	0.015	0.015	0.015		
17640	0.014	0.015	0.015	0.015	0.016		

Dust Monitoring Results for DM-03

Elapsed Time [s]	PM1 [mg/m3]	PM2.5 [mg/m3]	PM4 [mg/m3]	PM10 [mg/m3]	TOTAL [mg/m3]	Alarms	Errors
17670	0.014	0.014	0.014	0.015	0.015		
17700	0.014	0.015	0.015	0.015	0.016		
17730	0.015	0.015	0.015	0.016	0.016		
17760	0.015	0.015	0.016	0.017	0.017		
17790	0.015	0.015	0.015	0.016	0.017		
17820	0.015	0.015	0.016	0.017	0.017		
17850	0.016	0.016	0.016	0.017	0.018		
17880	0.015	0.015	0.015	0.016	0.016		
17910	0.016	0.016	0.016	0.017	0.017		
17940	0.015	0.015	0.015	0.016	0.016		
17970	0.016	0.016	0.016	0.017	0.017		
18000	0.015	0.016	0.016	0.016	0.016		
18030	0.015	0.015	0.015	0.015	0.015		
18060	0.015	0.015	0.015	0.015	0.015		
18090	0.015	0.015	0.015	0.015	0.015		
18120	0.015	0.015	0.015	0.016	0.016		
18150	0.015	0.015	0.016	0.016	0.016		
18180	0.015	0.015	0.016	0.016	0.016		
18210	0.015	0.015	0.015	0.015	0.015		
18240	0.015	0.015	0.015	0.016	0.016		
18270	0.015	0.016	0.016	0.016	0.016		
18300	0.016	0.016	0.016	0.016	0.016		
18330	0.015	0.015	0.015	0.016	0.016		
18360	0.016	0.016	0.016	0.016	0.016		
18390	0.016	0.016	0.016	0.016	0.017		
18420	0.016	0.016	0.016	0.016	0.016		
18450	0.016	0.016	0.016	0.016	0.016		
18480	0.016	0.016	0.016	0.016	0.016		
18510	0.016	0.016	0.016	0.017	0.017		
18540	0.016	0.016	0.017	0.017	0.017		
18570	0.016	0.016	0.016	0.016	0.016		
18600	0.016	0.016	0.016	0.017	0.017		
18630	0.016	0.016	0.016	0.016	0.016		
18660	0.017	0.017	0.017	0.018	0.019		
18690	0.016	0.016	0.016	0.017	0.017		
18720	0.016	0.016	0.016	0.017	0.017		
18750	0.016	0.016	0.016	0.017	0.017		
18780	0.016	0.017	0.017	0.017	0.017		
18810	0.016	0.016	0.016	0.017	0.017		
18840	0.016	0.016	0.016	0.017	0.017		
18870	0.016	0.016	0.016	0.017	0.017		
18900	0.016	0.016	0.016	0.017	0.017		

Dust Monitoring Results for DM-03

Elapsed Time [s]	PM1 [mg/m3]	PM2.5 [mg/m3]	PM4 [mg/m3]	PM10 [mg/m3]	TOTAL [mg/m3]	Alarms	Errors
18930	0.017	0.017	0.017	0.017	0.018		
18960	0.016	0.016	0.017	0.017	0.017		
18990	0.016	0.016	0.016	0.017	0.018		
19020	0.016	0.016	0.016	0.016	0.016		
19050	0.016	0.016	0.017	0.018	0.018		
19080	0.018	0.019	0.019	0.023	0.027		
19110	0.016	0.016	0.016	0.017	0.017		
19140	0.016	0.017	0.017	0.019	0.02		
19170	0.017	0.017	0.018	0.019	0.021		
19200	0.016	0.016	0.017	0.017	0.018		
19230	0.016	0.016	0.016	0.018	0.018		
19260	0.015	0.016	0.016	0.017	0.017		
19290	0.016	0.016	0.016	0.017	0.017		
19320	0.016	0.016	0.016	0.017	0.017		
19350	0.015	0.015	0.016	0.016	0.016		
19380	0.015	0.016	0.016	0.016	0.018		
19410	0.016	0.016	0.016	0.017	0.017		
19440	0.016	0.016	0.016	0.016	0.017		
19470	0.016	0.016	0.016	0.016	0.016		
19500	0.016	0.016	0.016	0.017	0.018		
19530	0.016	0.016	0.016	0.017	0.017		
19560	0.016	0.016	0.016	0.016	0.016		
19590	0.016	0.016	0.017	0.017	0.019		
19620	0.016	0.016	0.017	0.018	0.019		
19650	0.016	0.016	0.016	0.016	0.016		
19680	0.016	0.016	0.017	0.017	0.017		
19710	0.016	0.016	0.016	0.017	0.017		
19740	0.016	0.016	0.016	0.016	0.016		
19770	0.016	0.017	0.017	0.017	0.019		
19800	0.016	0.016	0.017	0.017	0.017		
19830	0.016	0.016	0.016	0.017	0.017		
19860	0.016	0.017	0.017	0.018	0.018		
19890	0.016	0.016	0.017	0.018	0.018		
19920	0.016	0.016	0.017	0.017	0.017		
19950	0.017	0.017	0.017	0.018	0.018		
19980	0.016	0.017	0.017	0.017	0.018		
20010	0.016	0.017	0.017	0.017	0.017		
20040	0.016	0.017	0.017	0.017	0.017		
20070	0.016	0.016	0.017	0.017	0.017		
20100	0.016	0.017	0.017	0.017	0.017		
20130	0.016	0.016	0.017	0.017	0.017		
20160	0.017	0.017	0.017	0.018	0.018		

Dust Monitoring Results for DM-03

Elapsed Time [s]	PM1 [mg/m3]	PM2.5 [mg/m3]	PM4 [mg/m3]	PM10 [mg/m3]	TOTAL [mg/m3]	Alarms	Errors
20190	0.017	0.017	0.017	0.018	0.019		
20220	0.017	0.017	0.017	0.018	0.02		
20250	0.017	0.017	0.017	0.018	0.02		
20280	0.017	0.017	0.017	0.018	0.02		
20310	0.016	0.017	0.017	0.017	0.017		
20340	0.017	0.017	0.018	0.019	0.02		
20370	0.016	0.017	0.017	0.017	0.017		
20400	0.017	0.017	0.017	0.018	0.018		
20430	0.016	0.016	0.017	0.017	0.017		
20460	0.017	0.017	0.017	0.018	0.019		
20490	0.016	0.016	0.017	0.017	0.017		
20520	0.016	0.016	0.017	0.018	0.018		
20550	0.017	0.017	0.018	0.02	0.021		
20580	0.016	0.016	0.016	0.017	0.017		
20610	0.017	0.017	0.017	0.018	0.019		
20640	0.016	0.016	0.017	0.017	0.018		
20670	0.016	0.016	0.016	0.017	0.017		
20700	0.016	0.016	0.016	0.018	0.019		
20730	0.016	0.016	0.016	0.017	0.017		
20760	0.016	0.016	0.016	0.017	0.017		
20790	0.017	0.017	0.017	0.017	0.017		
20820	0.016	0.016	0.017	0.018	0.018		
20850	0.017	0.018	0.018	0.019	0.019		
20880	0.016	0.017	0.017	0.018	0.019		
20910	0.018	0.018	0.018	0.02	0.022		
20940	0.018	0.018	0.019	0.021	0.021		
20970	0.019	0.019	0.019	0.021	0.021		
21000	0.017	0.017	0.018	0.02	0.021		
21030	0.016	0.017	0.017	0.017	0.019		
21060	0.017	0.017	0.017	0.017	0.017		
21090	0.017	0.017	0.017	0.019	0.019		
21120	0.017	0.017	0.017	0.017	0.018		
21150	0.018	0.019	0.019	0.021	0.023		
21180	0.018	0.018	0.019	0.02	0.02		
21210	0.017	0.017	0.018	0.019	0.021		
21240	0.017	0.017	0.018	0.019	0.02		
21270	0.016	0.017	0.017	0.018	0.018		
21300	0.016	0.016	0.016	0.016	0.016		
21330	0.016	0.017	0.017	0.018	0.018		
21360	0.017	0.017	0.018	0.02	0.02		
21390	0.017	0.017	0.017	0.019	0.019		
21420	0.017	0.017	0.018	0.021	0.023		

Dust Monitoring Results for DM-03

Elapsed Time [s]	PM1 [mg/m3]	PM2.5 [mg/m3]	PM4 [mg/m3]	PM10 [mg/m3]	TOTAL [mg/m3]	Alarms	Errors
21450	0.017	0.017	0.017	0.019	0.023		
21480	0.017	0.017	0.018	0.02	0.022		
21510	0.017	0.017	0.017	0.019	0.02		
21540	0.017	0.017	0.017	0.02	0.021		
21570	0.017	0.017	0.018	0.019	0.022		
21600	0.016	0.016	0.016	0.017	0.017		
21630	0.016	0.016	0.016	0.017	0.017		
21660	0.016	0.016	0.017	0.019	0.019		
21690	0.015	0.015	0.016	0.016	0.016		
21720	0.015	0.015	0.016	0.016	0.016		
21750	0.015	0.015	0.016	0.016	0.016		
21780	0.016	0.016	0.016	0.017	0.018		
21810	0.016	0.016	0.017	0.019	0.022		
21840	0.016	0.016	0.017	0.019	0.021		
21870	0.016	0.016	0.017	0.019	0.02		
21900	0.015	0.015	0.016	0.018	0.018		
21930	0.014	0.015	0.015	0.017	0.018		
21960	0.015	0.016	0.016	0.019	0.021		
21990	0.015	0.015	0.016	0.017	0.019		
22020	0.015	0.015	0.016	0.016	0.016		
22050	0.015	0.015	0.015	0.016	0.016		
22080	0.015	0.016	0.016	0.017	0.018		
22110	0.019	0.019	0.019	0.02	0.02		
22140	0.015	0.015	0.016	0.018	0.018		
22170	0.015	0.015	0.016	0.018	0.019		
22200	0.015	0.016	0.016	0.019	0.019		
22230	0.016	0.016	0.017	0.021	0.023		
22260	0.015	0.016	0.016	0.019	0.021		
22290	0.015	0.016	0.016	0.019	0.019		
22320	0.015	0.015	0.016	0.019	0.019		
22350	0.015	0.015	0.016	0.018	0.02		
22380	0.015	0.015	0.015	0.017	0.018		
22410	0.014	0.014	0.015	0.017	0.017		
22440	0.014	0.014	0.015	0.016	0.016		
22470	0.013	0.014	0.014	0.015	0.015		
22500	0.013	0.014	0.014	0.016	0.016		
22530	0.013	0.013	0.014	0.014	0.014		
22560	0.013	0.013	0.013	0.013	0.013		
22590	0.012	0.012	0.013	0.013	0.013		
22620	0.012	0.012	0.013	0.013	0.013		
22650	0.012	0.012	0.012	0.013	0.013		
22680	0.012	0.012	0.012	0.013	0.013		

Dust Monitoring Results for DM-03

Elapsed Time [s]	PM1 [mg/m3]	PM2.5 [mg/m3]	PM4 [mg/m3]	PM10 [mg/m3]	TOTAL [mg/m3]	Alarms	Errors
22710	0.013	0.013	0.013	0.015	0.015		
22740	0.013	0.013	0.013	0.013	0.013		
22770	0.013	0.013	0.013	0.015	0.015		
22800	0.012	0.012	0.013	0.013	0.013		
22830	0.012	0.012	0.012	0.012	0.012		
22860	0.012	0.012	0.012	0.013	0.013		
22890	0.012	0.012	0.012	0.013	0.013		
22920	0.012	0.012	0.013	0.014	0.014		
22950	0.012	0.012	0.012	0.013	0.013		
22980	0.012	0.012	0.012	0.012	0.012		
23010	0.012	0.012	0.012	0.012	0.012		
23040	0.012	0.012	0.012	0.013	0.013		
23070	0.012	0.012	0.012	0.013	0.013		
23100	0.012	0.012	0.012	0.013	0.013		
23130	0.012	0.012	0.012	0.013	0.013		
23160	0.012	0.012	0.012	0.012	0.012		
23190	0.012	0.012	0.013	0.014	0.014		
23220	0.012	0.012	0.013	0.013	0.014		
23250	0.013	0.013	0.014	0.015	0.015		
23280	0.014	0.014	0.014	0.016	0.018		
23310	0.013	0.014	0.014	0.015	0.015		
23340	0.014	0.015	0.015	0.017	0.017		
23370	0.014	0.014	0.015	0.016	0.016		
23400	0.014	0.014	0.014	0.016	0.016		
23430	0.014	0.014	0.014	0.016	0.016		
23460	0.014	0.015	0.015	0.017	0.021		
23490	0.015	0.015	0.015	0.018	0.019		
23520	0.014	0.014	0.015	0.017	0.017		
23550	0.014	0.014	0.014	0.017	0.018		
23580	0.014	0.014	0.015	0.018	0.019		
23610	0.014	0.014	0.015	0.018	0.02		
23640	0.013	0.013	0.014	0.015	0.015		
23670	0.013	0.013	0.013	0.013	0.013		
23700	0.012	0.012	0.013	0.013	0.013		
23730	0.012	0.013	0.013	0.013	0.013		
23760	0.012	0.012	0.013	0.013	0.013		
23790	0.012	0.012	0.012	0.012	0.012		
23820	0.012	0.012	0.012	0.013	0.013		
23850	0.011	0.011	0.012	0.012	0.012		
23880	0.011	0.011	0.012	0.012	0.012		
23910	0.012	0.012	0.012	0.013	0.013		
23940	0.012	0.012	0.013	0.013	0.013		

Dust Monitoring Results for DM-03

Elapsed Time [s]	PM1 [mg/m3]	PM2.5 [mg/m3]	PM4 [mg/m3]	PM10 [mg/m3]	TOTAL [mg/m3]	Alarms	Errors
23970	0.013	0.013	0.013	0.015	0.015		
24000	0.013	0.014	0.014	0.016	0.018		
24030	0.014	0.014	0.014	0.016	0.017		
24060	0.014	0.014	0.014	0.017	0.017		
24090	0.014	0.015	0.015	0.018	0.018		
24120	0.014	0.014	0.014	0.016	0.016		
24150	0.016	0.016	0.017	0.018	0.02		
24180	0.013	0.014	0.014	0.016	0.016		
24210	0.013	0.013	0.014	0.014	0.014		
24240	0.013	0.013	0.013	0.014	0.015		
24270	0.012	0.012	0.013	0.013	0.013		
24300	0.012	0.012	0.013	0.013	0.015		
24330	0.014	0.014	0.014	0.015	0.015		
24360	0.012	0.013	0.013	0.013	0.013		
24390	0.012	0.012	0.012	0.013	0.013		
24420	0.013	0.013	0.013	0.013	0.013		
24450	0.013	0.013	0.013	0.013	0.013		
24480	0.012	0.012	0.013	0.013	0.013		
24510	0.013	0.013	0.013	0.014	0.014		
24540	0.013	0.013	0.013	0.014	0.014		
24570	0.014	0.014	0.014	0.014	0.014		
24600	0.014	0.014	0.014	0.015	0.016		
24630	0.014	0.014	0.014	0.015	0.015		
24660	0.015	0.016	0.016	0.019	0.02		
24690	0.014	0.015	0.015	0.018	0.018		
24720	0.016	0.016	0.017	0.019	0.022		
24750	0.016	0.016	0.017	0.019	0.021		
24780	0.015	0.015	0.015	0.016	0.016		
24810	0.015	0.015	0.016	0.017	0.019		
24840	0.019	0.019	0.02	0.03	0.037		
24870	0.016	0.016	0.017	0.019	0.019		
24900	0.016	0.016	0.016	0.018	0.019		
24930	0.016	0.016	0.016	0.019	0.019		
24960	0.016	0.016	0.016	0.018	0.018		
24990	0.016	0.016	0.017	0.018	0.019		
25020	0.016	0.017	0.017	0.019	0.019		
25050	0.016	0.016	0.016	0.017	0.018		
25080	0.016	0.016	0.016	0.018	0.018		
25110	0.016	0.016	0.017	0.018	0.018		
25140	0.016	0.016	0.017	0.018	0.018		
25170	0.016	0.017	0.017	0.018	0.018		
25200	0.016	0.016	0.016	0.018	0.018		

Dust Monitoring Results for DM-03

Elapsed Time [s]	PM1 [mg/m3]	PM2.5 [mg/m3]	PM4 [mg/m3]	PM10 [mg/m3]	TOTAL [mg/m3]	Alarms	Errors
25230	0.015	0.016	0.016	0.017	0.018		
25260	0.015	0.016	0.016	0.017	0.017		
25290	0.015	0.015	0.016	0.016	0.016		
25320	0.016	0.016	0.017	0.018	0.02		
25350	0.016	0.016	0.017	0.019	0.021		
25380	0.017	0.017	0.017	0.019	0.021		
25410	0.017	0.017	0.018	0.02	0.021		
25440	0.017	0.018	0.018	0.022	0.024		
25470	0.016	0.016	0.017	0.018	0.018		
25500	0.016	0.017	0.017	0.019	0.022		
25530	0.016	0.017	0.017	0.019	0.02		
25560	0.016	0.017	0.017	0.02	0.021		
25590	0.015	0.015	0.015	0.017	0.017		
25620	0.015	0.016	0.016	0.017	0.019		
25650	0.015	0.015	0.015	0.017	0.019		
25680	0.015	0.015	0.015	0.016	0.017		
25710	0.015	0.015	0.016	0.016	0.016		
25740	0.015	0.015	0.015	0.016	0.016		
25770	0.015	0.015	0.016	0.017	0.017		
25800	0.015	0.015	0.016	0.017	0.017		
25830	0.015	0.015	0.015	0.017	0.018		
25860	0.014	0.015	0.015	0.016	0.016		
25890	0.015	0.015	0.015	0.016	0.017		
25920	0.015	0.015	0.015	0.016	0.018		
25950	0.015	0.015	0.015	0.015	0.016		
25980	0.015	0.015	0.015	0.016	0.016		
26010	0.014	0.015	0.015	0.016	0.016		
26040	0.014	0.014	0.015	0.016	0.016		
26070	0.015	0.015	0.015	0.017	0.021		
26100	0.014	0.014	0.015	0.017	0.017		
26130	0.014	0.014	0.014	0.015	0.016		
26160	0.014	0.014	0.015	0.015	0.015		
26190	0.014	0.015	0.015	0.015	0.015		
26220	0.014	0.014	0.015	0.015	0.016		
26250	0.015	0.015	0.016	0.017	0.018		
26280	0.014	0.015	0.015	0.015	0.015		
26310	0.015	0.016	0.016	0.017	0.019		
26340	0.015	0.015	0.016	0.017	0.018		
26370	0.017	0.017	0.018	0.02	0.022		
26400	0.015	0.015	0.016	0.017	0.017		
26430	0.016	0.016	0.016	0.017	0.017		
26460	0.017	0.017	0.017	0.02	0.02		

Dust Monitoring Results for DM-03

Elapsed Time [s]	PM1 [mg/m3]	PM2.5 [mg/m3]	PM4 [mg/m3]	PM10 [mg/m3]	TOTAL [mg/m3]	Alarms	Errors
26490	0.016	0.016	0.016	0.018	0.018		
26520	0.015	0.016	0.016	0.016	0.016		
26550	0.016	0.016	0.016	0.018	0.019		
26580	0.016	0.016	0.016	0.018	0.02		
26610	0.016	0.016	0.016	0.019	0.019		
26640	0.015	0.015	0.016	0.018	0.018		
26670	0.016	0.016	0.016	0.018	0.018		
26700	0.016	0.016	0.017	0.019	0.02		
26730	0.016	0.016	0.016	0.018	0.019		
26760	0.016	0.016	0.016	0.018	0.018		
26790	0.015	0.016	0.016	0.017	0.017		
26820	0.016	0.017	0.017	0.018	0.02		
26850	0.017	0.017	0.018	0.019	0.022		
26880	0.016	0.016	0.016	0.018	0.018		
26910	0.016	0.016	0.017	0.017	0.019		
26940	0.017	0.017	0.017	0.018	0.02		
26970	0.016	0.016	0.016	0.018	0.018		
27000	0.016	0.016	0.016	0.017	0.017		
27030	0.016	0.016	0.017	0.018	0.018		
27060	0.016	0.016	0.017	0.019	0.019		
27090	0.016	0.016	0.016	0.018	0.018		
27120	0.016	0.016	0.017	0.018	0.019		
27150	0.016	0.017	0.017	0.019	0.021		
27180	0.016	0.016	0.017	0.018	0.018		
27210	0.016	0.016	0.016	0.018	0.019		
27240	0.016	0.017	0.017	0.018	0.018		
27270	0.016	0.017	0.017	0.018	0.018		
27300	0.017	0.017	0.017	0.019	0.021		
27330	0.017	0.017	0.017	0.019	0.02		
27360	0.017	0.017	0.018	0.02	0.024		
27390	0.017	0.017	0.018	0.019	0.02		
27420	0.016	0.016	0.017	0.018	0.019		
27450	0.016	0.016	0.017	0.019	0.019		
27480	0.016	0.016	0.017	0.019	0.02		
27510	0.016	0.016	0.016	0.018	0.018		
27540	0.016	0.016	0.016	0.017	0.017		
27570	0.016	0.016	0.016	0.017	0.017		
27600	0.016	0.016	0.017	0.019	0.019		
27630	0.017	0.017	0.017	0.02	0.02		
27660	0.017	0.017	0.018	0.02	0.02		
27690	0.018	0.018	0.019	0.021	0.022		
27720	0.017	0.017	0.018	0.02	0.022		

Dust Monitoring Results for DM-03

Elapsed Time [s]	PM1 [mg/m3]	PM2.5 [mg/m3]	PM4 [mg/m3]	PM10 [mg/m3]	TOTAL [mg/m3]	Alarms	Errors
27750	0.016	0.016	0.017	0.019	0.019		
27780	0.017	0.017	0.017	0.019	0.019		
27810	0.017	0.017	0.018	0.019	0.022		
27840	0.017	0.017	0.018	0.022	0.023		
27870	0.017	0.017	0.017	0.02	0.021		
27900	0.016	0.016	0.017	0.019	0.019		
27930	0.016	0.016	0.016	0.017	0.019		
27960	0.016	0.016	0.017	0.018	0.02		
27990	0.018	0.018	0.018	0.02	0.022		
28020	0.017	0.017	0.017	0.018	0.018		
28050	0.017	0.017	0.017	0.018	0.018		
28080	0.017	0.017	0.017	0.018	0.019		
28110	0.018	0.018	0.018	0.02	0.02		
28140	0.017	0.017	0.018	0.019	0.019		
28170	0.017	0.017	0.018	0.019	0.019		
28200	0.018	0.018	0.018	0.02	0.02		
28230	0.017	0.017	0.018	0.019	0.02		
28260	0.018	0.018	0.018	0.019	0.02		
28290	0.017	0.017	0.018	0.019	0.019		
28320	0.017	0.017	0.018	0.019	0.019		
28350	0.017	0.017	0.017	0.019	0.019		
28380	0.017	0.017	0.018	0.019	0.02		
28410	0.017	0.017	0.017	0.019	0.019		
28440	0.017	0.017	0.018	0.019	0.019		
28470	0.017	0.017	0.017	0.018	0.018		
28500	0.016	0.017	0.017	0.018	0.018		
28530	0.017	0.017	0.017	0.018	0.018		
28560	0.017	0.017	0.017	0.018	0.018		
28590	0.017	0.017	0.017	0.018	0.018		
28620	0.017	0.017	0.017	0.018	0.018		
28650	0.016	0.016	0.017	0.017	0.017		
28680	0.017	0.017	0.017	0.018	0.018		
28710	0.017	0.017	0.017	0.018	0.018		
28740	0.016	0.016	0.016	0.017	0.017		
28770	0.016	0.016	0.017	0.018	0.018		
28800	0.017	0.017	0.017	0.019	0.02		

Dust Monitoring Results for DM-04

Instrument Name	DustTrak DRX
Model Number	8533
Serial Number	8533151201
Firmware Version	3.1
Calibration Date	1/26/2024
Test Name	MANUAL_003
Test Start Time	8:21:32 AM
Test Start Date	7/30/2024
Test Length [D:H:M]	0:08:00
Test Interval [M:S]	0:30
PM1 Average [mg/m3]	0.023
PM1 Minimum [mg/m3]	0.017
PM1 Maximum [mg/m3]	0.056
PM1 TWA [mg/m3]	0.023
PM2.5 Average [mg/m3]	0.023
PM2.5 Minimum [mg/m3]	0.017
PM2.5 Maximum [mg/m3]	0.057
PM2.5 TWA [mg/m3]	0.023
PM4 Average [mg/m3]	0.023
PM4 Minimum [mg/m3]	0.017
PM4 Maximum [mg/m3]	0.065
PM4 TWA [mg/m3]	0.023
PM10 Average [mg/m3]	0.024
PM10 Minimum [mg/m3]	0.017
PM10 Maximum [mg/m3]	0.134
PM10 TWA [mg/m3]	0.024
TOTAL Average [mg/m3]	0.024
TOTAL Minimum [mg/m3]	0.017
TOTAL Maximum [mg/m3]	0.197
TOTAL TWA [mg/m3]	0.024
Photometric User Cal	1
Size Correction User Cal	1
Flow User Cal	0
Errors	
Number of Samples	960

Dust Monitoring Results for DM-04

Elapsed Time [s]	PM1 [mg/m3]	PM2.5 [mg/m3]	PM4 [mg/m3]	PM10 [mg/m3]	TOTAL [mg/m3]	Alarms	Errors
30	0.029	0.029	0.03	0.03	0.03		
60	0.03	0.03	0.031	0.031	0.031		
90	0.031	0.031	0.031	0.032	0.032		
120	0.031	0.031	0.032	0.033	0.033		
150	0.031	0.031	0.032	0.032	0.032		
180	0.031	0.031	0.031	0.032	0.032		
210	0.031	0.031	0.031	0.032	0.032		
240	0.031	0.031	0.032	0.032	0.032		
270	0.03	0.031	0.031	0.032	0.032		
300	0.031	0.032	0.032	0.033	0.033		
330	0.031	0.032	0.032	0.033	0.033		
360	0.031	0.031	0.032	0.033	0.033		
390	0.031	0.031	0.031	0.032	0.032		
420	0.03	0.03	0.031	0.031	0.031		
450	0.031	0.031	0.031	0.032	0.032		
480	0.031	0.031	0.031	0.032	0.032		
510	0.031	0.031	0.031	0.032	0.032		
540	0.031	0.031	0.031	0.032	0.032		
570	0.031	0.031	0.031	0.032	0.032		
600	0.03	0.031	0.031	0.032	0.032		
630	0.03	0.03	0.031	0.031	0.031		
660	0.03	0.03	0.03	0.031	0.031		
690	0.03	0.03	0.031	0.031	0.032		
720	0.03	0.03	0.03	0.031	0.031		
750	0.03	0.03	0.03	0.03	0.03		
780	0.03	0.03	0.03	0.031	0.031		
810	0.03	0.03	0.03	0.031	0.031		
840	0.03	0.03	0.031	0.031	0.031		
870	0.03	0.03	0.03	0.031	0.031		
900	0.03	0.03	0.031	0.031	0.031		
930	0.03	0.03	0.03	0.031	0.031		
960	0.032	0.032	0.032	0.035	0.037		
990	0.03	0.03	0.031	0.031	0.031		
1020	0.03	0.03	0.03	0.032	0.032		
1050	0.03	0.03	0.03	0.031	0.031		
1080	0.03	0.03	0.031	0.032	0.032		
1110	0.029	0.029	0.03	0.03	0.03		
1140	0.029	0.029	0.03	0.03	0.03		
1170	0.029	0.029	0.03	0.03	0.03		
1200	0.029	0.03	0.03	0.031	0.031		
1230	0.03	0.03	0.03	0.03	0.03		
1260	0.029	0.029	0.029	0.03	0.03		
1290	0.029	0.029	0.03	0.031	0.031		

Dust Monitoring Results for DM-04

Elapsed Time [s]	PM1 [mg/m3]	PM2.5 [mg/m3]	PM4 [mg/m3]	PM10 [mg/m3]	TOTAL [mg/m3]	Alarms	Errors
1320	0.029	0.029	0.029	0.03	0.03		
1350	0.03	0.03	0.03	0.032	0.033		
1380	0.03	0.031	0.031	0.032	0.032		
1410	0.031	0.031	0.031	0.033	0.033		
1440	0.029	0.029	0.03	0.031	0.031		
1470	0.03	0.03	0.03	0.031	0.031		
1500	0.03	0.031	0.031	0.033	0.033		
1530	0.03	0.03	0.03	0.032	0.032		
1560	0.03	0.03	0.03	0.031	0.031		
1590	0.029	0.029	0.03	0.03	0.03		
1620	0.029	0.029	0.03	0.03	0.032		
1650	0.03	0.03	0.03	0.032	0.032		
1680	0.031	0.031	0.032	0.033	0.033		
1710	0.03	0.03	0.031	0.031	0.032		
1740	0.03	0.03	0.03	0.032	0.033		
1770	0.03	0.03	0.03	0.031	0.032		
1800	0.03	0.03	0.03	0.032	0.032		
1830	0.029	0.03	0.03	0.031	0.031		
1860	0.03	0.03	0.031	0.033	0.033		
1890	0.031	0.031	0.031	0.033	0.033		
1920	0.03	0.03	0.031	0.032	0.032		
1950	0.03	0.03	0.03	0.031	0.031		
1980	0.029	0.03	0.03	0.031	0.031		
2010	0.03	0.03	0.03	0.032	0.032		
2040	0.03	0.03	0.03	0.031	0.032		
2070	0.03	0.03	0.03	0.032	0.032		
2100	0.03	0.03	0.03	0.031	0.031		
2130	0.03	0.03	0.031	0.032	0.033		
2160	0.03	0.03	0.03	0.031	0.031		
2190	0.03	0.03	0.031	0.032	0.032		
2220	0.03	0.03	0.03	0.03	0.03		
2250	0.029	0.029	0.03	0.03	0.03		
2280	0.029	0.029	0.03	0.03	0.031		
2310	0.029	0.029	0.029	0.03	0.03		
2340	0.029	0.029	0.029	0.03	0.03		
2370	0.029	0.029	0.029	0.03	0.03		
2400	0.029	0.029	0.029	0.031	0.031		
2430	0.029	0.029	0.029	0.03	0.03		
2460	0.029	0.029	0.029	0.03	0.03		
2490	0.029	0.029	0.03	0.031	0.031		
2520	0.029	0.029	0.03	0.031	0.032		
2550	0.029	0.029	0.03	0.03	0.03		
2580	0.028	0.029	0.029	0.029	0.03		

Dust Monitoring Results for DM-04

Elapsed Time [s]	PM1 [mg/m3]	PM2.5 [mg/m3]	PM4 [mg/m3]	PM10 [mg/m3]	TOTAL [mg/m3]	Alarms	Errors
2610	0.029	0.029	0.03	0.03	0.03		
2640	0.029	0.029	0.029	0.03	0.03		
2670	0.029	0.029	0.029	0.03	0.03		
2700	0.029	0.029	0.029	0.029	0.03		
2730	0.029	0.029	0.029	0.031	0.031		
2760	0.028	0.029	0.029	0.029	0.029		
2790	0.028	0.028	0.028	0.028	0.028		
2820	0.028	0.028	0.028	0.03	0.03		
2850	0.028	0.028	0.028	0.029	0.029		
2880	0.028	0.028	0.029	0.03	0.03		
2910	0.028	0.028	0.028	0.029	0.029		
2940	0.028	0.028	0.028	0.029	0.029		
2970	0.027	0.027	0.028	0.028	0.028		
3000	0.028	0.028	0.028	0.029	0.03		
3030	0.028	0.028	0.028	0.03	0.03		
3060	0.028	0.028	0.028	0.029	0.029		
3090	0.027	0.027	0.027	0.028	0.028		
3120	0.028	0.028	0.028	0.029	0.029		
3150	0.027	0.027	0.027	0.029	0.029		
3180	0.027	0.027	0.028	0.028	0.028		
3210	0.027	0.027	0.028	0.029	0.029		
3240	0.027	0.028	0.028	0.028	0.028		
3270	0.027	0.028	0.028	0.028	0.028		
3300	0.027	0.028	0.028	0.028	0.028		
3330	0.028	0.028	0.029	0.029	0.029		
3360	0.028	0.028	0.028	0.029	0.029		
3390	0.028	0.028	0.028	0.029	0.03		
3420	0.027	0.028	0.028	0.029	0.029		
3450	0.028	0.028	0.028	0.029	0.029		
3480	0.027	0.027	0.028	0.028	0.028		
3510	0.027	0.027	0.028	0.028	0.028		
3540	0.027	0.027	0.027	0.029	0.029		
3570	0.027	0.027	0.028	0.028	0.028		
3600	0.027	0.027	0.027	0.028	0.029		
3630	0.027	0.027	0.028	0.028	0.028		
3660	0.027	0.027	0.027	0.028	0.028		
3690	0.027	0.027	0.028	0.028	0.028		
3720	0.027	0.027	0.028	0.029	0.029		
3750	0.027	0.027	0.028	0.029	0.029		
3780	0.027	0.027	0.028	0.028	0.028		
3810	0.031	0.032	0.033	0.041	0.045		
3840	0.026	0.026	0.026	0.027	0.027		
3870	0.027	0.027	0.027	0.028	0.028		

Dust Monitoring Results for DM-04

Elapsed Time [s]	PM1 [mg/m3]	PM2.5 [mg/m3]	PM4 [mg/m3]	PM10 [mg/m3]	TOTAL [mg/m3]	Alarms	Errors
3900	0.026	0.026	0.027	0.027	0.027		
3930	0.027	0.027	0.027	0.027	0.027		
3960	0.027	0.027	0.027	0.028	0.028		
3990	0.026	0.027	0.027	0.027	0.027		
4020	0.027	0.027	0.027	0.028	0.029		
4050	0.026	0.027	0.027	0.028	0.028		
4080	0.026	0.026	0.027	0.027	0.027		
4110	0.026	0.026	0.027	0.027	0.027		
4140	0.026	0.026	0.026	0.027	0.027		
4170	0.026	0.026	0.026	0.026	0.026		
4200	0.026	0.026	0.026	0.027	0.027		
4230	0.026	0.026	0.027	0.027	0.027		
4260	0.026	0.026	0.026	0.027	0.027		
4290	0.026	0.026	0.026	0.027	0.027		
4320	0.026	0.026	0.026	0.026	0.026		
4350	0.026	0.026	0.027	0.027	0.028		
4380	0.026	0.026	0.026	0.028	0.028		
4410	0.027	0.027	0.027	0.028	0.03		
4440	0.026	0.026	0.027	0.028	0.028		
4470	0.026	0.026	0.027	0.027	0.027		
4500	0.026	0.026	0.027	0.028	0.028		
4530	0.026	0.026	0.026	0.028	0.028		
4560	0.026	0.026	0.026	0.027	0.027		
4590	0.026	0.026	0.026	0.026	0.026		
4620	0.026	0.026	0.026	0.027	0.027		
4650	0.027	0.027	0.027	0.028	0.029		
4680	0.027	0.027	0.027	0.028	0.029		
4710	0.026	0.026	0.027	0.028	0.028		
4740	0.027	0.027	0.027	0.029	0.029		
4770	0.026	0.026	0.027	0.027	0.028		
4800	0.026	0.026	0.027	0.028	0.029		
4830	0.026	0.026	0.027	0.027	0.027		
4860	0.026	0.026	0.026	0.027	0.027		
4890	0.026	0.026	0.026	0.027	0.027		
4920	0.026	0.026	0.027	0.027	0.028		
4950	0.026	0.026	0.026	0.027	0.028		
4980	0.026	0.026	0.026	0.026	0.026		
5010	0.026	0.026	0.027	0.027	0.027		
5040	0.025	0.026	0.026	0.026	0.026		
5070	0.025	0.025	0.026	0.026	0.026		
5100	0.026	0.026	0.026	0.027	0.027		
5130	0.025	0.026	0.026	0.026	0.026		
5160	0.025	0.025	0.026	0.026	0.026		

Dust Monitoring Results for DM-04

Elapsed Time [s]	PM1 [mg/m3]	PM2.5 [mg/m3]	PM4 [mg/m3]	PM10 [mg/m3]	TOTAL [mg/m3]	Alarms	Errors
5190	0.025	0.026	0.026	0.027	0.028		
5220	0.025	0.025	0.026	0.026	0.026		
5250	0.026	0.026	0.026	0.027	0.028		
5280	0.026	0.026	0.026	0.026	0.026		
5310	0.025	0.026	0.026	0.026	0.027		
5340	0.026	0.026	0.027	0.027	0.028		
5370	0.025	0.025	0.026	0.026	0.026		
5400	0.025	0.025	0.025	0.026	0.026		
5430	0.025	0.025	0.025	0.026	0.026		
5460	0.025	0.025	0.026	0.026	0.027		
5490	0.025	0.025	0.025	0.026	0.026		
5520	0.025	0.025	0.025	0.025	0.025		
5550	0.025	0.025	0.025	0.026	0.026		
5580	0.024	0.025	0.025	0.025	0.025		
5610	0.025	0.025	0.026	0.026	0.026		
5640	0.025	0.025	0.026	0.028	0.028		
5670	0.025	0.025	0.025	0.026	0.026		
5700	0.026	0.026	0.026	0.028	0.028		
5730	0.025	0.025	0.025	0.027	0.027		
5760	0.026	0.026	0.026	0.028	0.028		
5790	0.024	0.024	0.025	0.025	0.025		
5820	0.024	0.025	0.025	0.026	0.026		
5850	0.024	0.024	0.025	0.025	0.025		
5880	0.025	0.025	0.025	0.025	0.025		
5910	0.025	0.025	0.025	0.027	0.027		
5940	0.026	0.026	0.026	0.028	0.028		
5970	0.026	0.026	0.026	0.027	0.027		
6000	0.025	0.025	0.025	0.026	0.026		
6030	0.025	0.026	0.026	0.027	0.028		
6060	0.025	0.025	0.026	0.026	0.027		
6090	0.025	0.026	0.026	0.028	0.03		
6120	0.025	0.025	0.025	0.026	0.026		
6150	0.025	0.025	0.026	0.027	0.027		
6180	0.025	0.025	0.026	0.026	0.026		
6210	0.025	0.025	0.026	0.027	0.027		
6240	0.025	0.025	0.025	0.026	0.026		
6270	0.025	0.026	0.026	0.027	0.028		
6300	0.025	0.026	0.026	0.027	0.027		
6330	0.026	0.026	0.026	0.027	0.027		
6360	0.025	0.026	0.026	0.027	0.027		
6390	0.026	0.026	0.027	0.028	0.028		
6420	0.026	0.027	0.028	0.029	0.03		
6450	0.026	0.026	0.026	0.028	0.028		

Dust Monitoring Results for DM-04

Elapsed Time [s]	PM1 [mg/m3]	PM2.5 [mg/m3]	PM4 [mg/m3]	PM10 [mg/m3]	TOTAL [mg/m3]	Alarms	Errors
6480	0.026	0.026	0.026	0.028	0.029		
6510	0.026	0.026	0.026	0.028	0.028		
6540	0.026	0.026	0.026	0.027	0.027		
6570	0.026	0.026	0.026	0.028	0.028		
6600	0.026	0.026	0.026	0.027	0.027		
6630	0.026	0.026	0.026	0.027	0.027		
6660	0.025	0.026	0.026	0.027	0.027		
6690	0.025	0.026	0.026	0.027	0.027		
6720	0.026	0.026	0.026	0.028	0.029		
6750	0.026	0.026	0.026	0.027	0.027		
6780	0.025	0.026	0.026	0.027	0.027		
6810	0.025	0.025	0.025	0.025	0.025		
6840	0.025	0.025	0.025	0.026	0.026		
6870	0.025	0.025	0.025	0.026	0.026		
6900	0.025	0.025	0.026	0.026	0.026		
6930	0.027	0.027	0.027	0.028	0.029		
6960	0.025	0.025	0.025	0.026	0.026		
6990	0.025	0.025	0.026	0.026	0.027		
7020	0.025	0.026	0.026	0.026	0.026		
7050	0.025	0.025	0.026	0.026	0.026		
7080	0.025	0.025	0.026	0.026	0.026		
7110	0.026	0.026	0.026	0.027	0.027		
7140	0.025	0.025	0.026	0.026	0.026		
7170	0.026	0.026	0.026	0.027	0.028		
7200	0.025	0.025	0.025	0.026	0.026		
7230	0.025	0.025	0.026	0.026	0.026		
7260	0.025	0.026	0.026	0.026	0.026		
7290	0.025	0.025	0.026	0.026	0.027		
7320	0.025	0.025	0.025	0.026	0.026		
7350	0.025	0.025	0.025	0.027	0.027		
7380	0.025	0.025	0.025	0.026	0.026		
7410	0.026	0.026	0.026	0.027	0.027		
7440	0.025	0.025	0.025	0.026	0.026		
7470	0.025	0.025	0.026	0.027	0.027		
7500	0.025	0.025	0.026	0.028	0.028		
7530	0.025	0.025	0.026	0.026	0.027		
7560	0.025	0.025	0.025	0.026	0.026		
7590	0.025	0.025	0.025	0.026	0.026		
7620	0.025	0.025	0.025	0.026	0.026		
7650	0.024	0.025	0.025	0.026	0.026		
7680	0.025	0.025	0.026	0.027	0.027		
7710	0.025	0.025	0.025	0.025	0.025		
7740	0.025	0.025	0.025	0.026	0.026		

Dust Monitoring Results for DM-04

Elapsed Time [s]	PM1 [mg/m3]	PM2.5 [mg/m3]	PM4 [mg/m3]	PM10 [mg/m3]	TOTAL [mg/m3]	Alarms	Errors
7770	0.025	0.025	0.026	0.027	0.027		
7800	0.025	0.025	0.025	0.026	0.026		
7830	0.025	0.025	0.025	0.025	0.025		
7860	0.025	0.025	0.025	0.026	0.026		
7890	0.024	0.024	0.024	0.025	0.025		
7920	0.024	0.024	0.024	0.025	0.025		
7950	0.024	0.024	0.025	0.025	0.025		
7980	0.024	0.024	0.025	0.025	0.025		
8010	0.024	0.024	0.024	0.025	0.025		
8040	0.024	0.024	0.024	0.025	0.025		
8070	0.024	0.024	0.024	0.025	0.025		
8100	0.024	0.024	0.024	0.025	0.025		
8130	0.024	0.024	0.024	0.024	0.024		
8160	0.024	0.024	0.024	0.024	0.025		
8190	0.024	0.024	0.024	0.024	0.024		
8220	0.024	0.024	0.024	0.025	0.025		
8250	0.024	0.024	0.024	0.025	0.025		
8280	0.024	0.024	0.024	0.025	0.025		
8310	0.024	0.024	0.024	0.025	0.026		
8340	0.023	0.023	0.023	0.024	0.024		
8370	0.023	0.023	0.023	0.024	0.024		
8400	0.023	0.023	0.023	0.023	0.023		
8430	0.023	0.023	0.023	0.024	0.024		
8460	0.023	0.023	0.023	0.024	0.024		
8490	0.023	0.023	0.023	0.024	0.024		
8520	0.023	0.023	0.023	0.023	0.023		
8550	0.024	0.024	0.024	0.025	0.025		
8580	0.023	0.024	0.024	0.024	0.024		
8610	0.024	0.024	0.024	0.025	0.025		
8640	0.024	0.024	0.024	0.025	0.025		
8670	0.024	0.024	0.024	0.025	0.025		
8700	0.023	0.024	0.024	0.024	0.024		
8730	0.024	0.024	0.024	0.024	0.024		
8760	0.024	0.024	0.024	0.025	0.025		
8790	0.023	0.023	0.024	0.024	0.025		
8820	0.023	0.023	0.023	0.024	0.024		
8850	0.023	0.024	0.024	0.025	0.026		
8880	0.023	0.023	0.023	0.024	0.024		
8910	0.022	0.022	0.022	0.023	0.023		
8940	0.022	0.022	0.023	0.023	0.024		
8970	0.022	0.022	0.023	0.023	0.023		
9000	0.022	0.023	0.023	0.023	0.023		
9030	0.023	0.023	0.023	0.025	0.025		

Dust Monitoring Results for DM-04

Elapsed Time [s]	PM1 [mg/m3]	PM2.5 [mg/m3]	PM4 [mg/m3]	PM10 [mg/m3]	TOTAL [mg/m3]	Alarms	Errors
9060	0.023	0.023	0.023	0.024	0.025		
9090	0.023	0.023	0.024	0.024	0.025		
9120	0.024	0.024	0.024	0.025	0.026		
9150	0.023	0.023	0.024	0.024	0.024		
9180	0.023	0.023	0.024	0.025	0.025		
9210	0.023	0.023	0.023	0.025	0.026		
9240	0.023	0.024	0.024	0.026	0.027		
9270	0.023	0.023	0.024	0.025	0.025		
9300	0.023	0.023	0.024	0.025	0.025		
9330	0.023	0.023	0.024	0.025	0.027		
9360	0.023	0.023	0.024	0.026	0.026		
9390	0.024	0.024	0.025	0.028	0.029		
9420	0.024	0.024	0.025	0.027	0.028		
9450	0.024	0.024	0.025	0.027	0.028		
9480	0.024	0.024	0.025	0.028	0.028		
9510	0.023	0.024	0.024	0.027	0.028		
9540	0.024	0.024	0.025	0.029	0.03		
9570	0.024	0.024	0.025	0.029	0.03		
9600	0.023	0.024	0.024	0.028	0.03		
9630	0.023	0.023	0.024	0.026	0.027		
9660	0.024	0.024	0.025	0.027	0.028		
9690	0.023	0.023	0.024	0.027	0.027		
9720	0.023	0.023	0.024	0.027	0.027		
9750	0.022	0.022	0.023	0.023	0.024		
9780	0.022	0.022	0.023	0.024	0.024		
9810	0.023	0.023	0.023	0.024	0.024		
9840	0.022	0.023	0.023	0.025	0.025		
9870	0.022	0.022	0.023	0.025	0.026		
9900	0.023	0.023	0.024	0.024	0.024		
9930	0.022	0.022	0.022	0.023	0.024		
9960	0.022	0.022	0.022	0.024	0.025		
9990	0.022	0.022	0.022	0.023	0.024		
10020	0.022	0.022	0.023	0.023	0.023		
10050	0.023	0.023	0.024	0.025	0.025		
10080	0.023	0.023	0.024	0.026	0.026		
10110	0.023	0.023	0.023	0.024	0.024		
10140	0.023	0.023	0.023	0.026	0.026		
10170	0.022	0.022	0.023	0.024	0.024		
10200	0.023	0.023	0.023	0.024	0.025		
10230	0.022	0.023	0.023	0.024	0.024		
10260	0.022	0.022	0.022	0.023	0.023		
10290	0.022	0.022	0.023	0.024	0.024		
10320	0.022	0.022	0.023	0.024	0.024		

Dust Monitoring Results for DM-04

Elapsed Time [s]	PM1 [mg/m3]	PM2.5 [mg/m3]	PM4 [mg/m3]	PM10 [mg/m3]	TOTAL [mg/m3]	Alarms	Errors
10350	0.022	0.022	0.022	0.023	0.023		
10380	0.022	0.022	0.022	0.023	0.024		
10410	0.021	0.021	0.022	0.022	0.022		
10440	0.021	0.022	0.022	0.022	0.022		
10470	0.021	0.021	0.022	0.022	0.022		
10500	0.021	0.021	0.021	0.022	0.023		
10530	0.021	0.021	0.022	0.022	0.022		
10560	0.021	0.021	0.021	0.022	0.023		
10590	0.021	0.021	0.021	0.022	0.023		
10620	0.021	0.021	0.021	0.022	0.022		
10650	0.021	0.021	0.021	0.021	0.021		
10680	0.02	0.021	0.021	0.021	0.021		
10710	0.021	0.021	0.021	0.021	0.021		
10740	0.02	0.021	0.021	0.021	0.021		
10770	0.021	0.021	0.021	0.022	0.022		
10800	0.021	0.021	0.021	0.022	0.022		
10830	0.021	0.021	0.021	0.022	0.023		
10860	0.021	0.021	0.021	0.021	0.021		
10890	0.021	0.021	0.021	0.021	0.021		
10920	0.021	0.021	0.021	0.022	0.022		
10950	0.021	0.021	0.021	0.022	0.022		
10980	0.022	0.022	0.022	0.024	0.024		
11010	0.022	0.022	0.022	0.023	0.024		
11040	0.023	0.023	0.024	0.028	0.028		
11070	0.021	0.021	0.021	0.021	0.021		
11100	0.021	0.021	0.022	0.022	0.022		
11130	0.021	0.021	0.022	0.022	0.022		
11160	0.021	0.021	0.022	0.022	0.022		
11190	0.021	0.021	0.021	0.021	0.021		
11220	0.021	0.021	0.021	0.022	0.022		
11250	0.021	0.021	0.022	0.022	0.022		
11280	0.021	0.022	0.022	0.022	0.022		
11310	0.021	0.021	0.021	0.022	0.022		
11340	0.021	0.021	0.022	0.022	0.022		
11370	0.021	0.022	0.022	0.023	0.023		
11400	0.022	0.022	0.022	0.022	0.022		
11430	0.021	0.022	0.022	0.022	0.022		
11460	0.022	0.022	0.022	0.022	0.022		
11490	0.022	0.022	0.022	0.022	0.022		
11520	0.021	0.021	0.022	0.022	0.022		
11550	0.021	0.021	0.022	0.022	0.022		
11580	0.022	0.022	0.022	0.023	0.023		
11610	0.021	0.022	0.022	0.022	0.023		

Dust Monitoring Results for DM-04

Elapsed Time [s]	PM1 [mg/m3]	PM2.5 [mg/m3]	PM4 [mg/m3]	PM10 [mg/m3]	TOTAL [mg/m3]	Alarms	Errors
11640	0.022	0.022	0.022	0.023	0.023		
11670	0.022	0.023	0.023	0.024	0.024		
11700	0.022	0.022	0.022	0.023	0.023		
11730	0.022	0.022	0.022	0.023	0.023		
11760	0.022	0.022	0.022	0.023	0.023		
11790	0.022	0.022	0.022	0.023	0.023		
11820	0.023	0.023	0.023	0.024	0.025		
11850	0.022	0.022	0.022	0.023	0.023		
11880	0.022	0.022	0.022	0.023	0.023		
11910	0.023	0.023	0.023	0.024	0.024		
11940	0.022	0.022	0.022	0.023	0.023		
11970	0.022	0.022	0.022	0.023	0.023		
12000	0.022	0.023	0.023	0.023	0.023		
12030	0.022	0.022	0.022	0.023	0.023		
12060	0.022	0.022	0.023	0.023	0.023		
12090	0.022	0.022	0.022	0.023	0.023		
12120	0.022	0.023	0.023	0.024	0.024		
12150	0.022	0.022	0.022	0.022	0.022		
12180	0.022	0.022	0.022	0.023	0.023		
12210	0.022	0.022	0.022	0.023	0.023		
12240	0.022	0.022	0.022	0.022	0.022		
12270	0.022	0.022	0.022	0.022	0.022		
12300	0.022	0.022	0.022	0.023	0.023		
12330	0.022	0.022	0.022	0.023	0.023		
12360	0.022	0.022	0.023	0.023	0.023		
12390	0.022	0.022	0.022	0.022	0.023		
12420	0.021	0.021	0.022	0.022	0.022		
12450	0.022	0.022	0.022	0.023	0.023		
12480	0.022	0.022	0.022	0.022	0.022		
12510	0.022	0.022	0.022	0.023	0.023		
12540	0.021	0.021	0.022	0.022	0.022		
12570	0.022	0.022	0.022	0.022	0.022		
12600	0.022	0.022	0.022	0.022	0.022		
12630	0.021	0.022	0.022	0.022	0.022		
12660	0.022	0.022	0.022	0.023	0.023		
12690	0.021	0.021	0.021	0.022	0.022		
12720	0.021	0.021	0.021	0.022	0.022		
12750	0.021	0.021	0.021	0.022	0.022		
12780	0.021	0.021	0.021	0.022	0.022		
12810	0.021	0.021	0.022	0.022	0.022		
12840	0.021	0.021	0.021	0.023	0.024		
12870	0.021	0.021	0.021	0.022	0.022		
12900	0.021	0.021	0.022	0.022	0.022		

Dust Monitoring Results for DM-04

Elapsed Time [s]	PM1 [mg/m3]	PM2.5 [mg/m3]	PM4 [mg/m3]	PM10 [mg/m3]	TOTAL [mg/m3]	Alarms	Errors
12930	0.021	0.021	0.022	0.022	0.022		
12960	0.021	0.021	0.022	0.022	0.022		
12990	0.022	0.022	0.022	0.023	0.023		
13020	0.021	0.021	0.022	0.023	0.023		
13050	0.021	0.021	0.022	0.023	0.023		
13080	0.021	0.021	0.022	0.023	0.023		
13110	0.021	0.021	0.021	0.022	0.022		
13140	0.021	0.021	0.022	0.022	0.022		
13170	0.021	0.021	0.021	0.021	0.021		
13200	0.021	0.021	0.021	0.021	0.021		
13230	0.02	0.021	0.021	0.021	0.023		
13260	0.02	0.02	0.021	0.021	0.021		
13290	0.02	0.02	0.02	0.02	0.02		
13320	0.02	0.02	0.021	0.021	0.021		
13350	0.02	0.02	0.02	0.021	0.021		
13380	0.02	0.02	0.021	0.021	0.021		
13410	0.02	0.02	0.02	0.021	0.021		
13440	0.02	0.02	0.021	0.021	0.021		
13470	0.02	0.02	0.02	0.021	0.021		
13500	0.02	0.02	0.021	0.021	0.021		
13530	0.02	0.02	0.021	0.021	0.021		
13560	0.02	0.02	0.021	0.021	0.021		
13590	0.02	0.02	0.021	0.022	0.023		
13620	0.02	0.02	0.02	0.021	0.021		
13650	0.02	0.02	0.02	0.022	0.022		
13680	0.02	0.02	0.021	0.021	0.021		
13710	0.02	0.02	0.02	0.021	0.022		
13740	0.02	0.02	0.02	0.021	0.021		
13770	0.02	0.02	0.021	0.022	0.022		
13800	0.019	0.02	0.02	0.021	0.021		
13830	0.02	0.02	0.02	0.021	0.021		
13860	0.019	0.02	0.02	0.02	0.02		
13890	0.02	0.02	0.02	0.02	0.02		
13920	0.02	0.02	0.02	0.02	0.02		
13950	0.02	0.02	0.02	0.02	0.02		
13980	0.02	0.02	0.02	0.021	0.021		
14010	0.02	0.02	0.02	0.02	0.02		
14040	0.019	0.019	0.02	0.02	0.02		
14070	0.019	0.02	0.02	0.021	0.021		
14100	0.019	0.019	0.02	0.02	0.02		
14130	0.019	0.02	0.02	0.02	0.02		
14160	0.02	0.02	0.02	0.021	0.021		
14190	0.019	0.02	0.02	0.02	0.02		

Dust Monitoring Results for DM-04

Elapsed Time [s]	PM1 [mg/m3]	PM2.5 [mg/m3]	PM4 [mg/m3]	PM10 [mg/m3]	TOTAL [mg/m3]	Alarms	Errors
14220	0.02	0.02	0.02	0.021	0.021		
14250	0.02	0.02	0.02	0.02	0.02		
14280	0.019	0.019	0.02	0.02	0.02		
14310	0.02	0.02	0.02	0.021	0.021		
14340	0.019	0.019	0.019	0.02	0.02		
14370	0.019	0.02	0.02	0.02	0.02		
14400	0.019	0.02	0.02	0.02	0.021		
14430	0.019	0.019	0.02	0.02	0.02		
14460	0.019	0.019	0.02	0.02	0.02		
14490	0.019	0.019	0.02	0.02	0.02		
14520	0.019	0.019	0.019	0.019	0.019		
14550	0.019	0.019	0.019	0.02	0.02		
14580	0.019	0.019	0.02	0.02	0.02		
14610	0.019	0.019	0.02	0.02	0.02		
14640	0.019	0.019	0.02	0.02	0.02		
14670	0.019	0.019	0.019	0.02	0.02		
14700	0.019	0.019	0.019	0.02	0.02		
14730	0.02	0.02	0.02	0.02	0.022		
14760	0.019	0.019	0.019	0.02	0.02		
14790	0.02	0.02	0.02	0.02	0.021		
14820	0.019	0.019	0.02	0.02	0.021		
14850	0.019	0.019	0.019	0.019	0.019		
14880	0.019	0.019	0.019	0.02	0.02		
14910	0.019	0.019	0.019	0.02	0.02		
14940	0.019	0.019	0.019	0.019	0.019		
14970	0.019	0.019	0.019	0.019	0.019		
15000	0.019	0.019	0.019	0.02	0.021		
15030	0.019	0.019	0.019	0.02	0.02		
15060	0.019	0.02	0.02	0.02	0.02		
15090	0.019	0.019	0.02	0.02	0.021		
15120	0.019	0.019	0.02	0.02	0.021		
15150	0.019	0.019	0.019	0.02	0.02		
15180	0.019	0.019	0.02	0.02	0.02		
15210	0.019	0.019	0.019	0.019	0.019		
15240	0.019	0.019	0.019	0.02	0.02		
15270	0.019	0.019	0.019	0.019	0.019		
15300	0.018	0.019	0.019	0.019	0.019		
15330	0.018	0.018	0.018	0.019	0.019		
15360	0.018	0.018	0.019	0.019	0.019		
15390	0.019	0.019	0.019	0.02	0.02		
15420	0.019	0.019	0.019	0.02	0.02		
15450	0.018	0.019	0.019	0.019	0.019		
15480	0.018	0.018	0.018	0.019	0.019		

Dust Monitoring Results for DM-04

Elapsed Time [s]	PM1 [mg/m3]	PM2.5 [mg/m3]	PM4 [mg/m3]	PM10 [mg/m3]	TOTAL [mg/m3]	Alarms	Errors
15510	0.018	0.019	0.019	0.019	0.019		
15540	0.019	0.019	0.019	0.019	0.019		
15570	0.019	0.019	0.019	0.02	0.02		
15600	0.019	0.019	0.019	0.02	0.02		
15630	0.019	0.019	0.02	0.02	0.02		
15660	0.019	0.019	0.019	0.02	0.02		
15690	0.019	0.019	0.019	0.02	0.02		
15720	0.019	0.019	0.019	0.019	0.019		
15750	0.019	0.019	0.019	0.02	0.02		
15780	0.019	0.019	0.019	0.02	0.021		
15810	0.018	0.018	0.018	0.019	0.019		
15840	0.019	0.019	0.019	0.019	0.019		
15870	0.019	0.019	0.019	0.019	0.019		
15900	0.018	0.019	0.019	0.019	0.02		
15930	0.019	0.019	0.019	0.02	0.021		
15960	0.019	0.019	0.019	0.019	0.019		
15990	0.019	0.019	0.019	0.019	0.019		
16020	0.019	0.019	0.019	0.02	0.02		
16050	0.019	0.019	0.019	0.019	0.019		
16080	0.019	0.019	0.019	0.02	0.02		
16110	0.019	0.019	0.019	0.02	0.02		
16140	0.019	0.019	0.019	0.019	0.019		
16170	0.019	0.019	0.019	0.019	0.019		
16200	0.019	0.019	0.019	0.02	0.02		
16230	0.019	0.019	0.019	0.019	0.019		
16260	0.019	0.019	0.019	0.019	0.019		
16290	0.019	0.019	0.019	0.02	0.02		
16320	0.019	0.019	0.019	0.02	0.02		
16350	0.019	0.019	0.019	0.02	0.02		
16380	0.019	0.019	0.019	0.02	0.02		
16410	0.019	0.019	0.02	0.02	0.02		
16440	0.019	0.019	0.019	0.02	0.02		
16470	0.019	0.019	0.019	0.019	0.019		
16500	0.02	0.02	0.02	0.021	0.021		
16530	0.019	0.019	0.02	0.02	0.02		
16560	0.02	0.02	0.02	0.021	0.021		
16590	0.02	0.02	0.02	0.021	0.022		
16620	0.02	0.02	0.02	0.02	0.02		
16650	0.019	0.019	0.02	0.02	0.02		
16680	0.019	0.019	0.019	0.02	0.02		
16710	0.019	0.019	0.019	0.019	0.019		
16740	0.019	0.019	0.019	0.02	0.02		
16770	0.019	0.019	0.02	0.02	0.02		

Dust Monitoring Results for DM-04

Elapsed Time [s]	PM1 [mg/m3]	PM2.5 [mg/m3]	PM4 [mg/m3]	PM10 [mg/m3]	TOTAL [mg/m3]	Alarms	Errors
16800	0.019	0.019	0.02	0.02	0.02		
16830	0.019	0.019	0.02	0.02	0.02		
16860	0.019	0.019	0.019	0.02	0.02		
16890	0.019	0.019	0.019	0.02	0.021		
16920	0.019	0.019	0.019	0.02	0.02		
16950	0.019	0.019	0.019	0.019	0.02		
16980	0.019	0.019	0.019	0.019	0.019		
17010	0.019	0.019	0.019	0.019	0.019		
17040	0.019	0.019	0.019	0.019	0.019		
17070	0.019	0.019	0.019	0.019	0.019		
17100	0.019	0.019	0.019	0.02	0.021		
17130	0.019	0.019	0.02	0.02	0.021		
17160	0.019	0.019	0.019	0.02	0.02		
17190	0.02	0.02	0.02	0.021	0.022		
17220	0.019	0.02	0.02	0.02	0.02		
17250	0.019	0.019	0.019	0.019	0.019		
17280	0.019	0.019	0.019	0.02	0.02		
17310	0.019	0.019	0.019	0.019	0.019		
17340	0.019	0.019	0.019	0.02	0.02		
17370	0.019	0.019	0.019	0.019	0.019		
17400	0.019	0.019	0.02	0.02	0.02		
17430	0.019	0.019	0.019	0.02	0.02		
17460	0.019	0.019	0.019	0.02	0.02		
17490	0.019	0.019	0.02	0.02	0.02		
17520	0.019	0.019	0.019	0.02	0.02		
17550	0.019	0.019	0.019	0.019	0.019		
17580	0.02	0.02	0.02	0.022	0.022		
17610	0.02	0.02	0.021	0.021	0.021		
17640	0.02	0.02	0.02	0.022	0.022		
17670	0.02	0.02	0.021	0.021	0.021		
17700	0.02	0.02	0.021	0.022	0.023		
17730	0.02	0.02	0.021	0.021	0.021		
17760	0.02	0.021	0.021	0.021	0.022		
17790	0.021	0.021	0.021	0.021	0.021		
17820	0.021	0.021	0.021	0.022	0.022		
17850	0.02	0.02	0.021	0.022	0.022		
17880	0.02	0.02	0.02	0.021	0.021		
17910	0.02	0.02	0.02	0.02	0.02		
17940	0.02	0.02	0.02	0.021	0.021		
17970	0.02	0.02	0.021	0.021	0.021		
18000	0.02	0.021	0.021	0.021	0.021		
18030	0.02	0.021	0.021	0.021	0.021		
18060	0.021	0.021	0.021	0.022	0.022		

Dust Monitoring Results for DM-04

Elapsed Time [s]	PM1 [mg/m3]	PM2.5 [mg/m3]	PM4 [mg/m3]	PM10 [mg/m3]	TOTAL [mg/m3]	Alarms	Errors
18090	0.02	0.021	0.021	0.022	0.023		
18120	0.021	0.021	0.021	0.021	0.021		
18150	0.021	0.021	0.021	0.022	0.022		
18180	0.021	0.021	0.021	0.021	0.021		
18210	0.022	0.022	0.023	0.023	0.024		
18240	0.021	0.021	0.022	0.022	0.022		
18270	0.021	0.021	0.021	0.022	0.022		
18300	0.021	0.021	0.022	0.022	0.022		
18330	0.022	0.022	0.022	0.023	0.023		
18360	0.021	0.022	0.022	0.022	0.022		
18390	0.022	0.022	0.022	0.022	0.022		
18420	0.022	0.022	0.022	0.022	0.022		
18450	0.021	0.021	0.022	0.022	0.022		
18480	0.021	0.021	0.022	0.022	0.022		
18510	0.021	0.021	0.022	0.022	0.022		
18540	0.021	0.021	0.022	0.022	0.022		
18570	0.021	0.021	0.022	0.022	0.022		
18600	0.021	0.022	0.022	0.023	0.023		
18630	0.022	0.022	0.022	0.024	0.024		
18660	0.021	0.022	0.022	0.023	0.023		
18690	0.022	0.022	0.023	0.023	0.023		
18720	0.021	0.021	0.022	0.022	0.022		
18750	0.021	0.022	0.022	0.022	0.022		
18780	0.022	0.022	0.022	0.023	0.023		
18810	0.021	0.021	0.022	0.022	0.022		
18840	0.021	0.021	0.021	0.022	0.022		
18870	0.021	0.021	0.021	0.021	0.021		
18900	0.021	0.021	0.021	0.022	0.023		
18930	0.021	0.021	0.022	0.022	0.023		
18960	0.021	0.021	0.021	0.022	0.022		
18990	0.021	0.021	0.022	0.022	0.022		
19020	0.021	0.021	0.021	0.022	0.023		
19050	0.021	0.021	0.021	0.022	0.022		
19080	0.021	0.021	0.021	0.022	0.023		
19110	0.02	0.021	0.021	0.022	0.022		
19140	0.021	0.021	0.021	0.022	0.022		
19170	0.02	0.02	0.021	0.021	0.023		
19200	0.021	0.021	0.021	0.022	0.022		
19230	0.021	0.021	0.021	0.022	0.022		
19260	0.02	0.021	0.021	0.022	0.022		
19290	0.021	0.021	0.021	0.021	0.021		
19320	0.021	0.021	0.022	0.022	0.022		
19350	0.021	0.021	0.021	0.022	0.022		

Dust Monitoring Results for DM-04

Elapsed Time [s]	PM1 [mg/m3]	PM2.5 [mg/m3]	PM4 [mg/m3]	PM10 [mg/m3]	TOTAL [mg/m3]	Alarms	Errors
19380	0.021	0.021	0.021	0.022	0.022		
19410	0.02	0.021	0.021	0.021	0.021		
19440	0.021	0.021	0.021	0.023	0.023		
19470	0.021	0.021	0.022	0.022	0.022		
19500	0.021	0.021	0.021	0.022	0.022		
19530	0.022	0.022	0.022	0.022	0.024		
19560	0.021	0.021	0.021	0.021	0.021		
19590	0.021	0.021	0.022	0.022	0.022		
19620	0.022	0.022	0.022	0.023	0.023		
19650	0.021	0.021	0.022	0.022	0.022		
19680	0.022	0.022	0.022	0.022	0.022		
19710	0.022	0.022	0.022	0.023	0.023		
19740	0.021	0.021	0.022	0.022	0.022		
19770	0.022	0.022	0.022	0.024	0.024		
19800	0.022	0.022	0.022	0.022	0.022		
19830	0.021	0.022	0.022	0.023	0.023		
19860	0.022	0.022	0.022	0.023	0.023		
19890	0.021	0.022	0.022	0.023	0.023		
19920	0.022	0.022	0.022	0.023	0.024		
19950	0.021	0.021	0.022	0.022	0.022		
19980	0.021	0.021	0.022	0.022	0.022		
20010	0.021	0.021	0.022	0.022	0.022		
20040	0.022	0.022	0.022	0.023	0.023		
20070	0.022	0.022	0.022	0.023	0.023		
20100	0.022	0.022	0.022	0.023	0.023		
20130	0.021	0.021	0.022	0.022	0.022		
20160	0.021	0.022	0.022	0.022	0.023		
20190	0.022	0.022	0.022	0.024	0.024		
20220	0.022	0.022	0.022	0.023	0.023		
20250	0.022	0.022	0.022	0.023	0.023		
20280	0.021	0.021	0.022	0.022	0.022		
20310	0.021	0.021	0.021	0.022	0.022		
20340	0.021	0.021	0.022	0.023	0.023		
20370	0.021	0.021	0.022	0.023	0.023		
20400	0.021	0.022	0.022	0.023	0.023		
20430	0.021	0.021	0.021	0.022	0.022		
20460	0.021	0.021	0.021	0.022	0.022		
20490	0.022	0.022	0.022	0.023	0.023		
20520	0.021	0.021	0.021	0.021	0.021		
20550	0.021	0.021	0.021	0.021	0.021		
20580	0.021	0.021	0.022	0.023	0.023		
20610	0.021	0.021	0.022	0.022	0.022		
20640	0.021	0.021	0.021	0.022	0.023		

Dust Monitoring Results for DM-04

Elapsed Time [s]	PM1 [mg/m3]	PM2.5 [mg/m3]	PM4 [mg/m3]	PM10 [mg/m3]	TOTAL [mg/m3]	Alarms	Errors
20670	0.021	0.021	0.021	0.022	0.022		
20700	0.022	0.022	0.022	0.023	0.024		
20730	0.022	0.022	0.022	0.024	0.024		
20760	0.022	0.022	0.023	0.025	0.026		
20790	0.023	0.023	0.024	0.025	0.026		
20820	0.022	0.023	0.023	0.025	0.026		
20850	0.023	0.023	0.023	0.026	0.026		
20880	0.021	0.021	0.022	0.023	0.023		
20910	0.022	0.022	0.023	0.024	0.025		
20940	0.022	0.022	0.022	0.023	0.023		
20970	0.022	0.022	0.022	0.023	0.023		
21000	0.023	0.023	0.023	0.025	0.025		
21030	0.023	0.023	0.024	0.025	0.025		
21060	0.023	0.024	0.024	0.026	0.028		
21090	0.022	0.022	0.023	0.025	0.025		
21120	0.021	0.021	0.022	0.022	0.022		
21150	0.021	0.021	0.021	0.023	0.023		
21180	0.021	0.021	0.021	0.022	0.022		
21210	0.022	0.022	0.023	0.025	0.026		
21240	0.022	0.023	0.023	0.025	0.026		
21270	0.022	0.022	0.022	0.025	0.025		
21300	0.021	0.021	0.022	0.023	0.024		
21330	0.022	0.022	0.023	0.025	0.025		
21360	0.021	0.022	0.022	0.023	0.024		
21390	0.022	0.023	0.023	0.025	0.025		
21420	0.021	0.022	0.022	0.025	0.025		
21450	0.021	0.021	0.022	0.023	0.023		
21480	0.021	0.022	0.022	0.024	0.024		
21510	0.021	0.021	0.021	0.023	0.023		
21540	0.02	0.02	0.02	0.021	0.021		
21570	0.021	0.021	0.021	0.022	0.023		
21600	0.02	0.02	0.021	0.021	0.021		
21630	0.021	0.021	0.022	0.023	0.023		
21660	0.021	0.021	0.021	0.024	0.024		
21690	0.021	0.021	0.021	0.024	0.025		
21720	0.022	0.022	0.023	0.026	0.026		
21750	0.021	0.021	0.021	0.024	0.024		
21780	0.02	0.02	0.02	0.022	0.022		
21810	0.02	0.02	0.02	0.022	0.023		
21840	0.02	0.02	0.02	0.022	0.022		
21870	0.02	0.02	0.021	0.023	0.023		
21900	0.02	0.02	0.021	0.021	0.021		
21930	0.021	0.021	0.021	0.023	0.024		

Dust Monitoring Results for DM-04

Elapsed Time [s]	PM1 [mg/m3]	PM2.5 [mg/m3]	PM4 [mg/m3]	PM10 [mg/m3]	TOTAL [mg/m3]	Alarms	Errors
21960	0.02	0.02	0.021	0.024	0.024		
21990	0.021	0.021	0.021	0.023	0.024		
22020	0.02	0.02	0.021	0.022	0.023		
22050	0.021	0.022	0.022	0.025	0.027		
22080	0.021	0.021	0.021	0.024	0.024		
22110	0.021	0.021	0.021	0.024	0.025		
22140	0.02	0.02	0.021	0.023	0.024		
22170	0.02	0.02	0.021	0.023	0.023		
22200	0.02	0.021	0.021	0.024	0.025		
22230	0.02	0.021	0.021	0.024	0.024		
22260	0.02	0.02	0.02	0.021	0.021		
22290	0.019	0.019	0.02	0.022	0.022		
22320	0.019	0.019	0.019	0.021	0.021		
22350	0.018	0.018	0.019	0.02	0.02		
22380	0.018	0.018	0.019	0.019	0.019		
22410	0.019	0.019	0.019	0.02	0.02		
22440	0.018	0.018	0.018	0.019	0.019		
22470	0.018	0.018	0.019	0.02	0.02		
22500	0.018	0.018	0.018	0.018	0.018		
22530	0.018	0.018	0.019	0.019	0.019		
22560	0.018	0.018	0.018	0.019	0.019		
22590	0.018	0.018	0.018	0.019	0.019		
22620	0.018	0.018	0.019	0.019	0.019		
22650	0.019	0.019	0.019	0.021	0.021		
22680	0.018	0.018	0.018	0.018	0.018		
22710	0.018	0.018	0.019	0.019	0.019		
22740	0.018	0.018	0.018	0.018	0.018		
22770	0.018	0.018	0.018	0.019	0.019		
22800	0.017	0.017	0.018	0.018	0.018		
22830	0.017	0.017	0.018	0.018	0.018		
22860	0.017	0.018	0.018	0.018	0.019		
22890	0.018	0.018	0.018	0.018	0.018		
22920	0.017	0.017	0.018	0.018	0.018		
22950	0.017	0.017	0.018	0.018	0.018		
22980	0.018	0.018	0.018	0.018	0.018		
23010	0.017	0.017	0.018	0.018	0.018		
23040	0.018	0.018	0.018	0.019	0.019		
23070	0.018	0.018	0.018	0.019	0.019		
23100	0.019	0.019	0.019	0.02	0.021		
23130	0.019	0.019	0.019	0.021	0.021		
23160	0.019	0.019	0.019	0.021	0.021		
23190	0.019	0.019	0.02	0.022	0.023		
23220	0.019	0.019	0.02	0.022	0.022		

Dust Monitoring Results for DM-04

Elapsed Time [s]	PM1 [mg/m3]	PM2.5 [mg/m3]	PM4 [mg/m3]	PM10 [mg/m3]	TOTAL [mg/m3]	Alarms	Errors
23250	0.019	0.019	0.02	0.022	0.022		
23280	0.02	0.02	0.02	0.022	0.022		
23310	0.019	0.02	0.02	0.021	0.021		
23340	0.02	0.02	0.021	0.023	0.024		
23370	0.02	0.02	0.02	0.023	0.024		
23400	0.019	0.019	0.019	0.021	0.021		
23430	0.02	0.02	0.021	0.025	0.026		
23460	0.019	0.019	0.02	0.022	0.022		
23490	0.018	0.018	0.018	0.02	0.02		
23520	0.018	0.018	0.019	0.02	0.02		
23550	0.017	0.017	0.018	0.018	0.018		
23580	0.018	0.018	0.018	0.019	0.019		
23610	0.018	0.018	0.018	0.019	0.019		
23640	0.017	0.017	0.017	0.018	0.018		
23670	0.017	0.017	0.017	0.017	0.017		
23700	0.017	0.017	0.017	0.018	0.019		
23730	0.017	0.017	0.017	0.017	0.018		
23760	0.017	0.017	0.017	0.018	0.018		
23790	0.018	0.018	0.019	0.02	0.021		
23820	0.018	0.018	0.019	0.019	0.019		
23850	0.018	0.018	0.019	0.02	0.02		
23880	0.019	0.019	0.019	0.021	0.022		
23910	0.019	0.019	0.02	0.022	0.023		
23940	0.02	0.02	0.021	0.023	0.023		
23970	0.019	0.019	0.02	0.021	0.021		
24000	0.019	0.019	0.02	0.021	0.021		
24030	0.02	0.02	0.02	0.022	0.023		
24060	0.018	0.019	0.019	0.019	0.019		
24090	0.018	0.019	0.019	0.02	0.02		
24120	0.018	0.018	0.019	0.019	0.019		
24150	0.018	0.018	0.019	0.019	0.019		
24180	0.018	0.018	0.019	0.019	0.019		
24210	0.018	0.018	0.018	0.018	0.018		
24240	0.018	0.018	0.018	0.019	0.019		
24270	0.018	0.018	0.019	0.019	0.019		
24300	0.018	0.019	0.019	0.019	0.019		
24330	0.018	0.018	0.018	0.019	0.019		
24360	0.019	0.019	0.019	0.02	0.02		
24390	0.019	0.019	0.019	0.02	0.02		
24420	0.02	0.02	0.02	0.021	0.021		
24450	0.02	0.02	0.02	0.021	0.021		
24480	0.02	0.02	0.02	0.021	0.021		
24510	0.02	0.021	0.021	0.022	0.023		

Dust Monitoring Results for DM-04

Elapsed Time [s]	PM1 [mg/m3]	PM2.5 [mg/m3]	PM4 [mg/m3]	PM10 [mg/m3]	TOTAL [mg/m3]	Alarms	Errors
24540	0.021	0.021	0.021	0.022	0.023		
24570	0.02	0.02	0.021	0.022	0.022		
24600	0.021	0.021	0.021	0.022	0.023		
24630	0.02	0.02	0.021	0.022	0.022		
24660	0.021	0.021	0.021	0.023	0.024		
24690	0.021	0.021	0.022	0.024	0.024		
24720	0.021	0.021	0.022	0.024	0.024		
24750	0.022	0.022	0.023	0.024	0.025		
24780	0.056	0.057	0.065	0.134	0.197		
24810	0.021	0.021	0.022	0.024	0.025		
24840	0.022	0.023	0.023	0.027	0.027		
24870	0.021	0.022	0.022	0.024	0.024		
24900	0.022	0.022	0.022	0.023	0.023		
24930	0.022	0.022	0.022	0.024	0.025		
24960	0.022	0.022	0.023	0.024	0.024		
24990	0.022	0.022	0.023	0.024	0.025		
25020	0.022	0.022	0.022	0.023	0.025		
25050	0.022	0.022	0.022	0.023	0.023		
25080	0.02	0.02	0.02	0.021	0.021		
25110	0.021	0.021	0.021	0.022	0.022		
25140	0.021	0.021	0.022	0.023	0.024		
25170	0.021	0.021	0.022	0.023	0.023		
25200	0.022	0.022	0.023	0.024	0.024		
25230	0.022	0.022	0.023	0.024	0.025		
25260	0.022	0.022	0.023	0.023	0.023		
25290	0.022	0.022	0.023	0.024	0.025		
25320	0.022	0.022	0.022	0.023	0.024		
25350	0.022	0.022	0.022	0.024	0.025		
25380	0.022	0.022	0.023	0.024	0.025		
25410	0.022	0.022	0.023	0.024	0.025		
25440	0.021	0.022	0.022	0.023	0.024		
25470	0.02	0.02	0.021	0.022	0.022		
25500	0.021	0.021	0.022	0.023	0.023		
25530	0.021	0.021	0.022	0.024	0.025		
25560	0.021	0.021	0.022	0.023	0.025		
25590	0.021	0.021	0.021	0.022	0.022		
25620	0.021	0.021	0.022	0.023	0.023		
25650	0.021	0.021	0.022	0.022	0.022		
25680	0.021	0.021	0.022	0.022	0.023		
25710	0.021	0.021	0.021	0.024	0.024		
25740	0.021	0.021	0.022	0.023	0.023		
25770	0.021	0.021	0.021	0.022	0.022		
25800	0.02	0.021	0.021	0.022	0.022		

Dust Monitoring Results for DM-04

Elapsed Time [s]	PM1 [mg/m3]	PM2.5 [mg/m3]	PM4 [mg/m3]	PM10 [mg/m3]	TOTAL [mg/m3]	Alarms	Errors
25830	0.021	0.021	0.021	0.022	0.023		
25860	0.02	0.02	0.021	0.021	0.022		
25890	0.02	0.02	0.021	0.022	0.022		
25920	0.02	0.02	0.02	0.021	0.022		
25950	0.021	0.021	0.021	0.022	0.023		
25980	0.02	0.02	0.021	0.022	0.022		
26010	0.02	0.02	0.021	0.021	0.021		
26040	0.02	0.02	0.02	0.02	0.021		
26070	0.021	0.021	0.021	0.022	0.022		
26100	0.021	0.021	0.021	0.022	0.023		
26130	0.02	0.021	0.021	0.022	0.022		
26160	0.021	0.021	0.022	0.023	0.023		
26190	0.021	0.022	0.022	0.024	0.024		
26220	0.021	0.022	0.022	0.024	0.024		
26250	0.022	0.022	0.023	0.025	0.025		
26280	0.022	0.022	0.023	0.024	0.024		
26310	0.023	0.023	0.023	0.025	0.026		
26340	0.022	0.022	0.023	0.024	0.024		
26370	0.022	0.022	0.023	0.024	0.025		
26400	0.022	0.022	0.022	0.022	0.022		
26430	0.022	0.022	0.022	0.024	0.024		
26460	0.021	0.022	0.022	0.024	0.024		
26490	0.021	0.021	0.022	0.023	0.023		
26520	0.022	0.022	0.023	0.025	0.026		
26550	0.022	0.022	0.023	0.025	0.027		
26580	0.022	0.022	0.023	0.024	0.026		
26610	0.021	0.022	0.022	0.023	0.023		
26640	0.021	0.022	0.022	0.023	0.023		
26670	0.022	0.022	0.022	0.025	0.026		
26700	0.021	0.022	0.022	0.023	0.024		
26730	0.022	0.022	0.023	0.024	0.024		
26760	0.022	0.022	0.023	0.024	0.025		
26790	0.021	0.021	0.022	0.023	0.023		
26820	0.022	0.022	0.023	0.023	0.023		
26850	0.022	0.022	0.023	0.023	0.023		
26880	0.022	0.022	0.022	0.023	0.023		
26910	0.023	0.023	0.023	0.024	0.025		
26940	0.022	0.022	0.022	0.023	0.023		
26970	0.022	0.022	0.022	0.023	0.024		
27000	0.022	0.023	0.023	0.026	0.026		
27030	0.022	0.022	0.023	0.023	0.023		
27060	0.022	0.022	0.023	0.024	0.024		
27090	0.022	0.022	0.023	0.024	0.024		

Dust Monitoring Results for DM-04

Elapsed Time [s]	PM1 [mg/m3]	PM2.5 [mg/m3]	PM4 [mg/m3]	PM10 [mg/m3]	TOTAL [mg/m3]	Alarms	Errors
27120	0.023	0.023	0.024	0.025	0.025		
27150	0.023	0.023	0.023	0.024	0.024		
27180	0.023	0.023	0.024	0.026	0.026		
27210	0.023	0.024	0.024	0.026	0.027		
27240	0.023	0.023	0.023	0.025	0.027		
27270	0.023	0.023	0.023	0.025	0.026		
27300	0.022	0.022	0.023	0.024	0.025		
27330	0.022	0.023	0.023	0.025	0.025		
27360	0.023	0.023	0.023	0.024	0.025		
27390	0.022	0.022	0.022	0.023	0.023		
27420	0.021	0.021	0.022	0.023	0.023		
27450	0.023	0.023	0.023	0.025	0.028		
27480	0.023	0.023	0.023	0.025	0.025		
27510	0.023	0.023	0.023	0.025	0.025		
27540	0.023	0.023	0.023	0.024	0.024		
27570	0.023	0.023	0.024	0.027	0.027		
27600	0.023	0.023	0.024	0.026	0.026		
27630	0.023	0.023	0.023	0.024	0.025		
27660	0.023	0.023	0.024	0.025	0.026		
27690	0.023	0.023	0.023	0.026	0.026		
27720	0.024	0.025	0.025	0.028	0.03		
27750	0.023	0.023	0.023	0.026	0.026		
27780	0.022	0.022	0.023	0.024	0.024		
27810	0.022	0.023	0.023	0.023	0.024		
27840	0.023	0.023	0.023	0.024	0.025		
27870	0.023	0.023	0.023	0.025	0.025		
27900	0.023	0.023	0.024	0.024	0.024		
27930	0.024	0.024	0.024	0.026	0.026		
27960	0.024	0.024	0.024	0.025	0.025		
27990	0.024	0.024	0.024	0.026	0.026		
28020	0.024	0.024	0.025	0.026	0.026		
28050	0.024	0.024	0.024	0.025	0.025		
28080	0.024	0.024	0.025	0.025	0.027		
28110	0.023	0.023	0.024	0.024	0.024		
28140	0.023	0.024	0.024	0.025	0.025		
28170	0.024	0.024	0.024	0.025	0.025		
28200	0.024	0.024	0.024	0.026	0.026		
28230	0.024	0.024	0.024	0.025	0.025		
28260	0.023	0.023	0.024	0.024	0.025		
28290	0.023	0.024	0.024	0.026	0.026		
28320	0.024	0.024	0.024	0.025	0.026		
28350	0.024	0.024	0.025	0.026	0.027		
28380	0.024	0.024	0.024	0.026	0.026		

Dust Monitoring Results for DM-04

Elapsed Time [s]	PM1 [mg/m3]	PM2.5 [mg/m3]	PM4 [mg/m3]	PM10 [mg/m3]	TOTAL [mg/m3]	Alarms	Errors
28410	0.023	0.024	0.024	0.025	0.025		
28440	0.023	0.023	0.024	0.026	0.027		
28470	0.024	0.024	0.024	0.025	0.025		
28500	0.023	0.023	0.024	0.024	0.024		
28530	0.024	0.024	0.024	0.024	0.024		
28560	0.023	0.023	0.024	0.024	0.024		
28590	0.023	0.023	0.023	0.024	0.024		
28620	0.023	0.023	0.024	0.025	0.025		
28650	0.023	0.023	0.024	0.025	0.026		
28680	0.024	0.024	0.024	0.027	0.03		
28710	0.023	0.023	0.023	0.024	0.024		
28740	0.023	0.023	0.023	0.024	0.025		
28770	0.023	0.023	0.024	0.025	0.025		
28800	0.023	0.023	0.024	0.025	0.025		