

Univar USA Inc.

FINAL CONSTRUCTION REPORT

Former Monarch Chemicals (HB Fuller)

61 Gates Avenue, Geneva, NY 14456

January 2017

A large, solid orange geometric shape, resembling a stylized triangle or a section of a larger triangle, is positioned in the bottom right corner of the page. It is composed of two overlapping triangles, creating a complex, angular form. A thin white line runs diagonally through the shape, and a thin white horizontal line intersects it near the bottom.

Certification

I, Megan Miller, P.E., certify that I am currently a New York State registered professional engineer and I had primary direct responsibility for the implementation of the Interim Site Management Plan at the former Monarch Chemicals (HB Fuller) Site in Geneva, NY ("the Site") from September 2016 through December 2016. Based on my inquiry of the persons under my direction and involved in coordinating and observing the activities summarized herein, I certify that these activities were implemented in substantial conformance with the approved Interim Site Management Plan submitted to NYSDEC on August 12, 2016.

Megan Miller

Megan Miller, P.E.
NYS PE License No. 077917



FINAL CONSTRUCTION REPORT

Former Monarch Chemicals (HB Fuller)
61 Gates Avenue, Geneva, NY 14456

Prepared for:

Univar USA Inc.

Prepared by:

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Our Ref.:

NP009013.2016

Date:

January 2017

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Figure 1 Site Location Map

Figure 2 Excavation Area

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1. INTRODUCTION

This Final Construction Report (FCR) has been prepared on behalf of Univar USA Inc. (Univar) by ARCADIS to summarize the excavation activities associated with the construction of a new truck scale and canopy at the Former Monarch Chemicals (HB Fuller) facility located in Geneva, New York (hereinafter referred to as the “Site”). The Site (Figure 1) is currently in the New York State (NYS) Voluntary Cleanup Program (VCP) as Site No. V00119-8, which is administered by the New York State Department of Environmental Conservation (NYSDEC).

An Interim Site Management Plan (ISMP) was prepared by ARCADIS on behalf of Univar to specifically manage the excavation activities associated with Univar’s planned construction at the Site to support their operations. The ISMP was submitted to NYSDCE in August 2016 and was subsequently approved.

ARCADIS provided an onsite representative to observe and monitor implementation of the ISMP and excavation activities associated with the construction project and to conduct air monitoring in accordance with the Community Air Monitoring Plan (CAMP) included in the ISMP. This FCR provides a summary of the excavation activities observed and documented by ARCADIS.

2. PRE-CONSTRUCTION ACTIVITIES

The following activities were conducted prior to initiation of excavation activities at the Site:

- Utility Clearance – A DigSafely New York utility ticket was submitted to confirm that there were no unknown active utilities located within/adjacent excavation area. All aboveground and underground utilities, equipment, and structures were identified, marked, and verified.
- Site Controls – Univar established Site controls, posted project signage, and instituted access control measures prior to the start of excavation activities to prevent access to the work area by unauthorized personnel or vehicles. Entry into the Site was limited via the main entrance gates to the Site, and admittance requirements (including worker and visitor sign-in) were in effect, as specified in the HASP for activities at the Site.
- Material Staging, Decontamination, and Excavation Area Limits – Univar constructed material staging, for excavated material, in roll-off containers. All water used for the decontamination of equipment was staged in a 55-gallon drum. The excavation area limits were identified with markings, and the areas were coned off each day to prevent unnecessary access and mobilization of soils.

In addition, in August 2016, prior to mobilization for the construction activities, two existing Site monitoring wells in the immediate vicinity of the planned excavation area (MW-119 and MW-120) were abandoned by Pinnacle Engineering on behalf of HB Fuller. Details regarding the well abandonment activities were provided to NYSDCE in Project Status Report dated September 9, 2016 from Pinnacle Engineering. It is Univar’s understanding that HB Fuller does not intend to replace permanent monitoring wells MW-119 and MW-120, but rather install temporary wells at these locations for the next groundwater sampling event at the Site anticipated in 2018.

3. EXCAVATION ACTIVITIES

Excavation activities associated with the construction work were completed on September 19-21 and October 17-19, 2016. The areas of excavation are shown on Figure 2. The excavation activities included the following:

Removal of surficial asphalt and concrete within the excavation areas;

- Excavation of ten, 36-inch diameter holes to a depth of approximately four feet below ground surface (bgs) for the installation of concrete bases for the new canopy; and
- Removal of surficial materials (approximately one foot bgs, and approximately 6 inches below the bottom of the concrete) in the area where the new truck scale was installed.

Approximately 100 cubic yards of material were excavated and staged temporarily onsite in four roll-off containers. Material generated during the excavation activities consisted of concrete and base gravel material from the demolition and removal of the old loading area where the new truck scale and canopy were constructed, and soil from the deeper excavations where the canopy bases were constructed.

Visual, olfactory and soil screening with a photoionization detector (PID) was performed by ARCADIS during the excavation activities. A slight sheen and some staining of soil were observed at approximately one foot below grade in one discrete location along the western excavation wall, located near former monitoring well MW-202. Elevated PID readings were not encountered when these soils were screened. The sheens and staining were encountered on the bottom of the planned excavation and removal of these materials for the construction was not necessary. No other evidence of impacts was encountered during the excavation activities.

Once excavations were completed, concrete was poured within the open holes for the installation of the new truck scale and canopy. Photos of the excavation activities are included in Appendix A.

4. WASTE MANAGEMENT, SAMPLING, AND OFFSITE DISPOSAL

The following waste streams were generated during the excavation activities:

- Two 20-yard roll-offs of soil and gravel with some concrete debris;
- One 30-yard roll-off of soil and gravel with some concrete debris;
- One 30-yard roll-off of concrete and debris; and
- One 55-gallon drum of decontamination water.

All waste containers were managed onsite in a secured area and properly covered at the end of each work day.

4.1 Waste Characterization Sampling

Samples were collected from each roll-off container for the purpose of characterizing the waste material for offsite disposal. One four-point composite sample was collected from each container for to analyze for semi-volatile organic compounds (SVOCs), total metals, pH, ignitability, flammability, polychlorinated biphenyls (PCBs), pesticides, and herbicides. Three discrete samples were also collected from each roll-off container to analyze for total volatile organic compounds (VOC). Due to elevated total lead concentrations detected in roll-offs #2 and #3, samples from these containers, were also analyzed for TCLP metals. The sample from roll-off #4 was also analyzed for TCLP metals due to the proximity of where the materials in roll-off #4 were recovered to the material in roll-offs #2 and #3. Based on the analytical results from the roll-off samples, all four roll-off containers were characterized as non-hazardous waste.

One waste characterization sample was collected from the 55-gallon drum of decontamination water and analyzed for VOCs, SVOCs, metals, pH, ignitability, flammability, PCBs, pesticides, and herbicides. Based on the analytical results of this sample, the drum was characterized as non-hazardous waste.

All waste characterization samples were submitted to SGS Accutest for laboratory analysis. Laboratory analytical results for the waste characterization samples are included in Appendix B.

4.2 Waste Disposal

The roll-off containers were transported by Page Transportation to the Ontario County Landfill in Stanley, New York operated by Casella. Before any materials were transported from the Site, a non-hazardous waste manifest was prepared and signed by a Univar representative for each vehicle transporting materials offsite. Approximately 80 tons of soil and concrete/debris were transported offsite for disposal. Waste profiles, signed manifests, and disposal receipts for the roll-off containers are included in Appendix C.

The one 55-gallon drum of water generated during decontamination of excavation equipment is currently still on Site. It is anticipated this drum will be transported off-Site for disposal by Univar in February 2017 as part of their periodic drum transport events for the Geneva operating branch. The drum is planned for solidification and then land disposal at the Vexor facility located in Medina, Ohio.

5. COMMUNITY AIR MONITORING

Air monitoring was performed by Arcadis in accordance with the Site-specific CAMP included in the ISMP. The provisions included real-time air monitoring for VOCs and PM₁₀ at one perimeter upwind station and one perimeter downwind station of the work area during the excavation activities when ground intrusive work was being performed.

Air monitoring was continuously performed and readings were recorded in 15 minute increments by instrument data loggers. Manual readings were obtained on an approximately hourly basis. Both the air

FINAL CONSTRUCTION REPORT

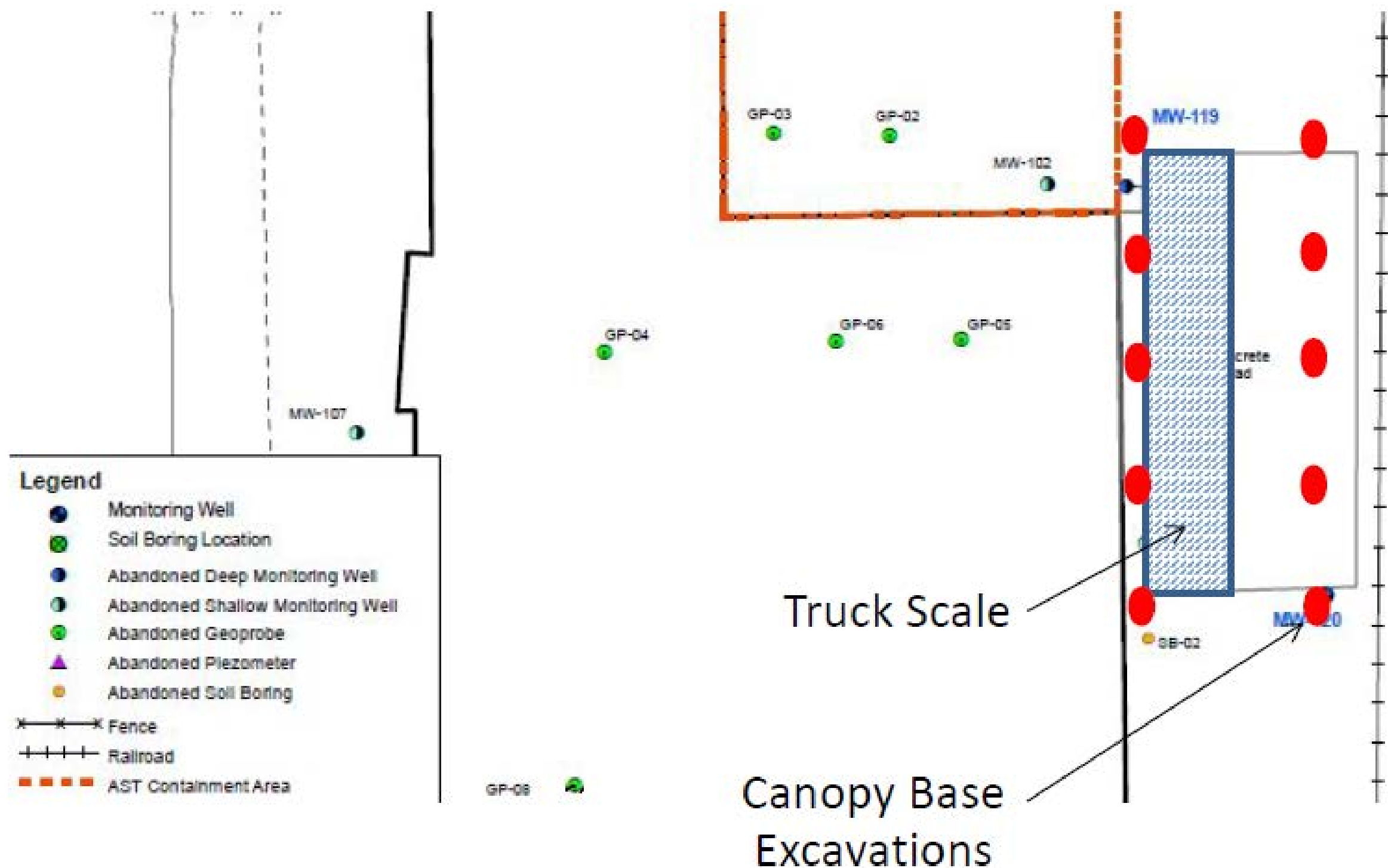
monitoring data recorded by data loggers and the air monitoring data recorded manually are included in Appendix D.

VOCs were monitored using a MiniRAE 2000 or 3000 PID. The PID was calibrated each day to a 100 ppm isobutylene air standard. PM₁₀ monitoring was performed using a TSI Dust Trak Aerosol Monitor. The project specific action levels of 5 ppm (above background) for VOCs and 150 micrograms per cubic meter (µg/m³) (above background) for PM₁₀ were based on the average ambient readings calculated for continuous 15-minute increments.

The 15-minute average action levels for VOCs and PM₁₀ were not exceeded throughout the duration of the excavation work. Additionally, there were no instantaneous exceedances of air monitoring action levels related to excavation or handling of impacted materials during the project.

FIGURES





APPENDIX A

Photo Log



**ATTACHMENT A
Excavation Photo Log
Final Construction Report**

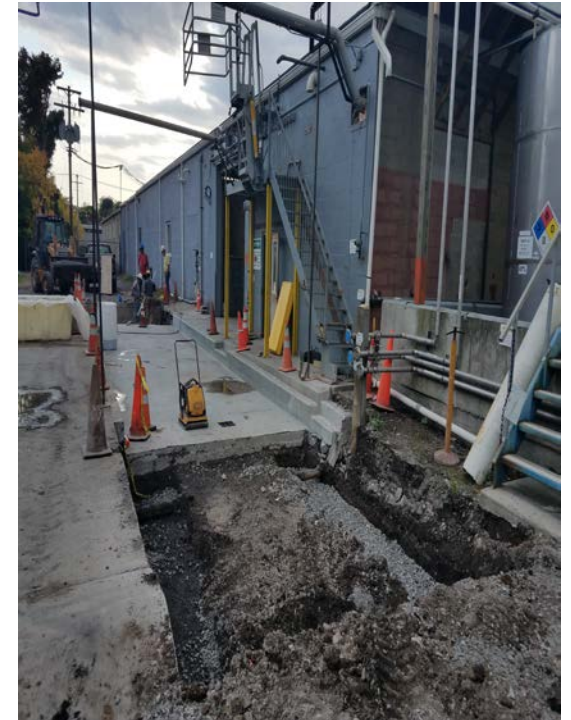
**Former Monarch Chemicals (HB Fuller)
Geneva, New York**



Up-Wind CAMP Set-up



South Excavation for Truck Scale



North Excavation for Truck Scale

**ATTACHMENT A
Excavation Photo Log
Final Construction Report**

**Former Monarch Chemicals (HB Fuller)
Geneva, New York**



Excavations for Canopy Foundations



Rolloff

APPENDIX B

IDW Laboratory Data



Technical Report for

Univar

AGMNYF: 61 Gates Avenue, Geneva, NY

NP009013.2016

SGS Accutest Job Number: JC28168

Sampling Date: 09/21/16

Report to:

Arcadis
295 Woodcliff Drive Suite 301
Fairport, NY 14450
purvee.mittal@arcadis.com

ATTN: Purvee Mittal

Total number of pages in report: 34



Test results contained within this data package meet the requirements of the National Environmental Laboratory Accreditation Program and/or state specific certification programs as applicable.

Nancy F. Cole

Nancy Cole
Laboratory Director

Client Service contact: Mayur Patel 732-329-0200

Certifications: NJ(12129), NY(10983), CA, CT, DE, FL, IL, IN, KS, KY, LA, MA, MD, MI, MT, NC, OH VAP (CL0056), AK (UST-103), AZ (AZ0786), PA, RI, SC, TN, TX, VA, WV, DoD ELAP (L-A-B L2248)

This report shall not be reproduced, except in its entirety, without the written approval of SGS Accutest.
Test results relate only to samples analyzed.

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Sample Summary

Univar

Job No: JC28168

AGMNYF: 61 Gates Avenue, Geneva, NY
Project No: NP009013.2016

Sample Number	Collected		Time By	Received	Matrix		Client Sample ID
	Date				Code	Type	
JC28168-1	09/21/16	10:45	ASR	09/22/16	SO	Soil	ROLLOFF-1-092116
JC28168-2	09/21/16	11:15	ASR	09/22/16	SO	Soil	ROLLOFF-2-092116

Soil samples reported on a dry weight basis unless otherwise indicated on result page.

Summary of Hits

Job Number: JC28168
Account: Univar
Project: AGMNYF: 61 Gates Avenue, Geneva, NY
Collected: 09/21/16

Lab Sample ID	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
---------------	------------------	-----------------	----	-----	-------	--------

JC28168-1 ROLLOFF-1-092116

Carbon disulfide	0.34 J	2.1	0.17	ug/kg	SW846 8260C
Chloroform	5.2	2.1	0.24	ug/kg	SW846 8260C
1,1-Dichloroethane	7.1	1.0	0.19	ug/kg	SW846 8260C
cis-1,2-Dichloroethene	9.2	1.0	0.45	ug/kg	SW846 8260C
trans-1,2-Dichloroethene	0.41 J	1.0	0.16	ug/kg	SW846 8260C
Tetrachloroethene	40.8	2.1	0.29	ug/kg	SW846 8260C
1,1,1-Trichloroethane	1.9 J	2.1	0.17	ug/kg	SW846 8260C
Trichloroethene	27.4	1.0	0.20	ug/kg	SW846 8260C
Vinyl chloride	2.5	2.1	0.21	ug/kg	SW846 8260C
3&4-Methylphenol	58.2 J	73	30	ug/kg	SW846 8270D
Acenaphthene	265	37	13	ug/kg	SW846 8270D
Acenaphthylene	274	37	19	ug/kg	SW846 8270D
Acetophenone	2230	180	7.9	ug/kg	SW846 8270D
Anthracene	927	37	22	ug/kg	SW846 8270D
Benzo(a)anthracene	1510	37	10	ug/kg	SW846 8270D
Benzo(a)pyrene	1420	37	17	ug/kg	SW846 8270D
Benzo(b)fluoranthene	1580	37	16	ug/kg	SW846 8270D
Benzo(g,h,i)perylene	720	37	18	ug/kg	SW846 8270D
Benzo(k)fluoranthene	656	37	17	ug/kg	SW846 8270D
1,1'-Biphenyl	79.2	73	5.0	ug/kg	SW846 8270D
Benzaldehyde	185	180	9.1	ug/kg	SW846 8270D
Carbazole	403	73	5.3	ug/kg	SW846 8270D
Chrysene	1500	37	12	ug/kg	SW846 8270D
Dibenzo(a,h)anthracene	238	37	16	ug/kg	SW846 8270D
Dibenzofuran	481	73	15	ug/kg	SW846 8270D
Di-n-butyl phthalate	1430	73	6.0	ug/kg	SW846 8270D
Diethyl phthalate	238	73	7.8	ug/kg	SW846 8270D
bis(2-Ethylhexyl)phthalate	242	73	8.6	ug/kg	SW846 8270D
Fluoranthene	2970	37	16	ug/kg	SW846 8270D
Fluorene	647	37	17	ug/kg	SW846 8270D
Indeno(1,2,3-cd)pyrene	907	37	17	ug/kg	SW846 8270D
2-Methylnaphthalene	254	73	8.3	ug/kg	SW846 8270D
Naphthalene	437	37	10	ug/kg	SW846 8270D
Phenanthrene	3340	37	12	ug/kg	SW846 8270D
Pyrene	2630	37	12	ug/kg	SW846 8270D
Total TIC, Semi-Volatile	23890 J			ug/kg	
gamma-BHC (Lindane) ^a	10.3	0.67	0.30	ug/kg	SW846 8081B
Aluminum	6710	57		mg/kg	SW846 6010C
Arsenic	10.9	2.3		mg/kg	SW846 6010C
Barium	63.4	23		mg/kg	SW846 6010C
Beryllium	0.23	0.23		mg/kg	SW846 6010C
Calcium	82300	2900		mg/kg	SW846 6010C
Chromium	21.0	1.1		mg/kg	SW846 6010C

Summary of Hits

Job Number: JC28168
Account: Univar
Project: AGMNYF: 61 Gates Avenue, Geneva, NY
Collected: 09/21/16

Lab Sample ID Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
Cobalt		10.6	5.7		mg/kg	SW846 6010C
Copper		75.3	2.9		mg/kg	SW846 6010C
Iron		29800	57		mg/kg	SW846 6010C
Lead		96.4	2.3		mg/kg	SW846 6010C
Magnesium		18200	570		mg/kg	SW846 6010C
Manganese		479	1.7		mg/kg	SW846 6010C
Mercury		0.054	0.036		mg/kg	SW846 7471B
Nickel		38.3	4.6		mg/kg	SW846 6010C
Potassium		1970	1100		mg/kg	SW846 6010C
Vanadium		16.9	5.7		mg/kg	SW846 6010C
Zinc		147	5.7		mg/kg	SW846 6010C
Corrosivity as pH		8.03 NC			su	SW846 9045D
Ignitability (Flashpoint)		> 200			Deg. F	SW846 1010A/ASTM D93

JC28168-2 ROLLOFF-2-092116

Acetone	24.1	9.7	4.8	ug/kg	SW846 8260C
Carbon disulfide	1.1 J	1.9	0.16	ug/kg	SW846 8260C
Chloroform	0.26 J	1.9	0.23	ug/kg	SW846 8260C
1,1-Dichloroethane	8.7	0.97	0.18	ug/kg	SW846 8260C
cis-1,2-Dichloroethene	14.0	0.97	0.42	ug/kg	SW846 8260C
trans-1,2-Dichloroethene	0.76 J	0.97	0.15	ug/kg	SW846 8260C
Tetrachloroethene	14.9	1.9	0.27	ug/kg	SW846 8260C
1,1,1-Trichloroethane	1.9	1.9	0.16	ug/kg	SW846 8260C
Trichloroethene	12.0	0.97	0.18	ug/kg	SW846 8260C
Vinyl chloride	2.4	1.9	0.20	ug/kg	SW846 8260C
2,4-Dimethylphenol	102 J	180	63	ug/kg	SW846 8270D
2-Methylphenol	47.4 J	71	23	ug/kg	SW846 8270D
3&4-Methylphenol	171	71	29	ug/kg	SW846 8270D
Acenaphthene	929	35	12	ug/kg	SW846 8270D
Acenaphthylene	1010	35	18	ug/kg	SW846 8270D
Acetophenone	33.3 J	180	7.6	ug/kg	SW846 8270D
Anthracene	3240	350	220	ug/kg	SW846 8270D
Benzo(a)anthracene	5940	350	100	ug/kg	SW846 8270D
Benzo(a)pyrene	5380	350	160	ug/kg	SW846 8270D
Benzo(b)fluoranthene	6320	350	160	ug/kg	SW846 8270D
Benzo(g,h,i)perylene	3200	35	18	ug/kg	SW846 8270D
Benzo(k)fluoranthene	2160	35	17	ug/kg	SW846 8270D
1,1'-Biphenyl	159	71	4.9	ug/kg	SW846 8270D
Carbazole	1590	71	5.1	ug/kg	SW846 8270D
Chrysene	6020	350	110	ug/kg	SW846 8270D
Dibenzo(a,h)anthracene	1020	35	16	ug/kg	SW846 8270D
Dibenzofuran	1250	71	14	ug/kg	SW846 8270D
bis(2-Ethylhexyl)phthalate	145	71	8.3	ug/kg	SW846 8270D
Fluoranthene	14600	350	160	ug/kg	SW846 8270D

Summary of Hits

Job Number: JC28168
Account: Univar
Project: AGMNYF: 61 Gates Avenue, Geneva, NY
Collected: 09/21/16

Lab Sample ID Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
Fluorene		2050	35	16	ug/kg	SW846 8270D
Indeno(1,2,3-cd)pyrene		3570	350	170	ug/kg	SW846 8270D
2-Methylnaphthalene		526	71	8.0	ug/kg	SW846 8270D
Naphthalene		1100	35	10	ug/kg	SW846 8270D
Phenanthrene		13600	350	120	ug/kg	SW846 8270D
Pyrene		11900	350	110	ug/kg	SW846 8270D
Total TIC, Semi-Volatile		43080 J			ug/kg	
Endosulfan sulfate ^a		2.8	0.74	0.29	ug/kg	SW846 8081B
Aluminum		5790	57		mg/kg	SW846 6010C
Arsenic		6.1	2.3		mg/kg	SW846 6010C
Barium		73.5	23		mg/kg	SW846 6010C
Beryllium		0.25	0.23		mg/kg	SW846 6010C
Cadmium		0.73	0.57		mg/kg	SW846 6010C
Calcium		81600	2900		mg/kg	SW846 6010C
Chromium		18.9	1.1		mg/kg	SW846 6010C
Cobalt		12.3	5.7		mg/kg	SW846 6010C
Copper		130	2.9		mg/kg	SW846 6010C
Iron		13600	57		mg/kg	SW846 6010C
Lead		90.9	2.3		mg/kg	SW846 6010C
Magnesium		10700	570		mg/kg	SW846 6010C
Manganese		288	1.7		mg/kg	SW846 6010C
Mercury		0.045	0.036		mg/kg	SW846 7471B
Nickel		28.5	4.6		mg/kg	SW846 6010C
Potassium		1470	1100		mg/kg	SW846 6010C
Silver		0.68	0.57		mg/kg	SW846 6010C
Vanadium		13.8	5.7		mg/kg	SW846 6010C
Zinc		137	5.7		mg/kg	SW846 6010C
Corrosivity as pH		11.76 NC			su	SW846 9045D
Cyanide		0.28	0.24		mg/kg	SW846 9012B/LACHAT
Ignitability (Flashpoint)		> 200			Deg. F	SW846 1010A/ASTM D93

(a) More than 40 % RPD for detected concentrations between the two GC columns.

Sample Results

Report of Analysis

Report of Analysis

Client Sample ID:	ROLLOFF-1-092116	Date Sampled:	09/21/16
Lab Sample ID:	JC28168-1	Date Received:	09/22/16
Matrix:	SO - Soil	Percent Solids:	88.5
Method:	SW846 8260C		
Project:	AGMNYF: 61 Gates Avenue, Geneva, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	X166739.D	1	09/23/16	TP	n/a	n/a	VX7133
Run #2							

	Initial Weight
Run #1	5.5 g
Run #2	

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	10	5.1	ug/kg	
71-43-2	Benzene	ND	0.51	0.12	ug/kg	
74-97-5	Bromochloromethane	ND	5.1	0.33	ug/kg	
75-27-4	Bromodichloromethane	ND	2.1	0.16	ug/kg	
75-25-2	Bromoform	ND	5.1	0.27	ug/kg	
74-83-9	Bromomethane	ND	5.1	0.50	ug/kg	
78-93-3	2-Butanone (MEK)	ND	10	1.8	ug/kg	
75-15-0	Carbon disulfide	0.34	2.1	0.17	ug/kg	J
56-23-5	Carbon tetrachloride	ND	2.1	0.17	ug/kg	
108-90-7	Chlorobenzene	ND	2.1	0.17	ug/kg	
75-00-3	Chloroethane	ND	5.1	0.44	ug/kg	
67-66-3	Chloroform	5.2	2.1	0.24	ug/kg	
74-87-3	Chloromethane	ND	5.1	0.22	ug/kg	
110-82-7	Cyclohexane	ND	2.1	0.56	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.1	0.50	ug/kg	
124-48-1	Dibromochloromethane	ND	2.1	0.15	ug/kg	
106-93-4	1,2-Dibromoethane	ND	1.0	0.25	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.18	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.14	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.16	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	5.1	0.56	ug/kg	
75-34-3	1,1-Dichloroethane	7.1	1.0	0.19	ug/kg	
107-06-2	1,2-Dichloroethane	ND	1.0	0.18	ug/kg	
75-35-4	1,1-Dichloroethene	ND	1.0	0.16	ug/kg	
156-59-2	cis-1,2-Dichloroethene	9.2	1.0	0.45	ug/kg	
156-60-5	trans-1,2-Dichloroethene	0.41	1.0	0.16	ug/kg	J
78-87-5	1,2-Dichloropropane	ND	2.1	0.32	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	2.1	0.20	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	2.1	0.23	ug/kg	
100-41-4	Ethylbenzene	ND	1.0	0.15	ug/kg	
76-13-1	Freon 113	ND	5.1	0.50	ug/kg	
591-78-6	2-Hexanone	ND	5.1	1.4	ug/kg	

ND = Not detected MDL = Method Detection Limit

J = Indicates an estimated value

RL = Reporting Limit

B = Indicates analyte found in associated method blank

E = Indicates value exceeds calibration range

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: ROLLOFF-1-092116

Lab Sample ID: JC28168-1

Matrix: SO - Soil

Method: SW846 8260C

Project: AGMNYF: 61 Gates Avenue, Geneva, NY

Date Sampled: 09/21/16

Date Received: 09/22/16

Percent Solids: 88.5

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
98-82-8	Isopropylbenzene	ND	2.1	0.16	ug/kg	
79-20-9	Methyl Acetate	ND	5.1	2.1	ug/kg	
108-87-2	Methylcyclohexane	ND	2.1	0.52	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.27	ug/kg	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.1	0.87	ug/kg	
75-09-2	Methylene chloride	ND	5.1	1.0	ug/kg	
100-42-5	Styrene	ND	2.1	0.15	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	2.1	0.25	ug/kg	
127-18-4	Tetrachloroethene	40.8	2.1	0.29	ug/kg	
108-88-3	Toluene	ND	1.0	0.13	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	5.1	0.23	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	5.1	0.19	ug/kg	
71-55-6	1,1,1-Trichloroethane	1.9	2.1	0.17	ug/kg	J
79-00-5	1,1,2-Trichloroethane	ND	2.1	0.33	ug/kg	
79-01-6	Trichloroethene	27.4	1.0	0.20	ug/kg	
75-69-4	Trichlorofluoromethane	ND	5.1	0.65	ug/kg	
75-01-4	Vinyl chloride	2.5	2.1	0.21	ug/kg	
	m,p-Xylene	ND	1.0	0.22	ug/kg	
95-47-6	o-Xylene	ND	1.0	0.21	ug/kg	
1330-20-7	Xylene (total)	ND	1.0	0.21	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	105%		70-122%
17060-07-0	1,2-Dichloroethane-D4	118%		68-124%
2037-26-5	Toluene-D8	100%		77-125%
460-00-4	4-Bromofluorobenzene	103%		72-130%

CAS No.	Tentatively Identified Compounds	R. T.	Est. Conc.	Units	Q
	Total TIC, Volatile		0	ug/kg	

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	ROLLOFF-1-092116	Date Sampled:	09/21/16
Lab Sample ID:	JC28168-1	Date Received:	09/22/16
Matrix:	SO - Soil	Percent Solids:	88.5
Method:	SW846 8270D SW846 3546		
Project:	AGMNYF: 61 Gates Avenue, Geneva, NY		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	P107756.D	1	09/25/16	KLS	09/24/16	OP97253	EP4775
Run #2							

Run #	Initial Weight	Final Volume
Run #1	30.9 g	1.0 ml
Run #2		

ABN TCL List (SOM0 2.0)

CAS No.	Compound	Result	RL	MDL	Units	Q
95-57-8	2-Chlorophenol	ND	73	18	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	180	22	ug/kg	
120-83-2	2,4-Dichlorophenol	ND	180	31	ug/kg	
105-67-9	2,4-Dimethylphenol	ND	180	65	ug/kg	
51-28-5	2,4-Dinitrophenol	ND	180	140	ug/kg	
534-52-1	4,6-Dinitro-o-cresol	ND	180	39	ug/kg	
95-48-7	2-Methylphenol	ND	73	23	ug/kg	
	3&4-Methylphenol	58.2	73	30	ug/kg	J
88-75-5	2-Nitrophenol	ND	180	24	ug/kg	
100-02-7	4-Nitrophenol	ND	370	98	ug/kg	
87-86-5	Pentachlorophenol	ND	150	34	ug/kg	
108-95-2	Phenol	ND	73	19	ug/kg	
58-90-2	2,3,4,6-Tetrachlorophenol	ND	180	24	ug/kg	
95-95-4	2,4,5-Trichlorophenol	ND	180	27	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND	180	22	ug/kg	
83-32-9	Acenaphthene	265	37	13	ug/kg	
208-96-8	Acenaphthylene	274	37	19	ug/kg	
98-86-2	Acetophenone	2230	180	7.9	ug/kg	
120-12-7	Anthracene	927	37	22	ug/kg	
1912-24-9	Atrazine	ND	73	16	ug/kg	
56-55-3	Benzo(a)anthracene	1510	37	10	ug/kg	
50-32-8	Benzo(a)pyrene	1420	37	17	ug/kg	
205-99-2	Benzo(b)fluoranthene	1580	37	16	ug/kg	
191-24-2	Benzo(g,h,i)perylene	720	37	18	ug/kg	
207-08-9	Benzo(k)fluoranthene	656	37	17	ug/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	73	14	ug/kg	
85-68-7	Butyl benzyl phthalate	ND	73	8.9	ug/kg	
92-52-4	1,1'-Biphenyl	79.2	73	5.0	ug/kg	
100-52-7	Benzaldehyde	185	180	9.1	ug/kg	
91-58-7	2-Chloronaphthalene	ND	73	8.7	ug/kg	
106-47-8	4-Chloroaniline	ND	180	13	ug/kg	
86-74-8	Carbazole	403	73	5.3	ug/kg	

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E = Indicates value exceeds calibration range

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: ROLLOFF-1-092116

Lab Sample ID: JC28168-1

Matrix: SO - Soil

Method: SW846 8270D SW846 3546

Project: AGMNYF: 61 Gates Avenue, Geneva, NY

Date Sampled: 09/21/16

Date Received: 09/22/16

Percent Solids: 88.5

ABN TCL List (SOM0 2.0)

CAS No.	Compound	Result	RL	MDL	Units	Q
105-60-2	Caprolactam	ND	73	14	ug/kg	
218-01-9	Chrysene	1500	37	12	ug/kg	
111-91-1	bis(2-Chloroethoxy)methane	ND	73	7.8	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	73	16	ug/kg	
108-60-1	bis(2-Chloroisopropyl)ether	ND	73	13	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	73	12	ug/kg	
121-14-2	2,4-Dinitrotoluene	ND	37	11	ug/kg	
606-20-2	2,6-Dinitrotoluene	ND	37	18	ug/kg	
91-94-1	3,3'-Dichlorobenzidine	ND	73	30	ug/kg	
123-91-1	1,4-Dioxane	ND	37	24	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	238	37	16	ug/kg	
132-64-9	Dibenzofuran	481	73	15	ug/kg	
84-74-2	Di-n-butyl phthalate	1430	73	6.0	ug/kg	
117-84-0	Di-n-octyl phthalate	ND	73	9.1	ug/kg	
84-66-2	Diethyl phthalate	238	73	7.8	ug/kg	
131-11-3	Dimethyl phthalate	ND	73	6.5	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	242	73	8.6	ug/kg	
206-44-0	Fluoranthene	2970	37	16	ug/kg	
86-73-7	Fluorene	647	37	17	ug/kg	
118-74-1	Hexachlorobenzene	ND	73	9.3	ug/kg	
87-68-3	Hexachlorobutadiene	ND	37	15	ug/kg	
77-47-4	Hexachlorocyclopentadiene	ND	370	15	ug/kg	
67-72-1	Hexachloroethane	ND	180	18	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	907	37	17	ug/kg	
78-59-1	Isophorone	ND	73	7.8	ug/kg	
91-57-6	2-Methylnaphthalene	254	73	8.3	ug/kg	
88-74-4	2-Nitroaniline	ND	180	8.6	ug/kg	
99-09-2	3-Nitroaniline	ND	180	9.1	ug/kg	
100-01-6	4-Nitroaniline	ND	180	9.5	ug/kg	
91-20-3	Naphthalene	437	37	10	ug/kg	
98-95-3	Nitrobenzene	ND	73	14	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	73	11	ug/kg	
86-30-6	N-Nitrosodiphenylamine	ND	180	13	ug/kg	
85-01-8	Phenanthrene	3340	37	12	ug/kg	
129-00-0	Pyrene	2630	37	12	ug/kg	
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	180	9.3	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	77%		30-106%

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N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: ROLLOFF-1-092116**Lab Sample ID:** JC28168-1**Matrix:** SO - Soil**Method:** SW846 8270D SW846 3546**Project:** AGMNYF: 61 Gates Avenue, Geneva, NY**Date Sampled:** 09/21/16**Date Received:** 09/22/16**Percent Solids:** 88.5

ABN TCL List (SOM0 2.0)

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-62-2	Phenol-d5	76%		30-106%
118-79-6	2,4,6-Tribromophenol	93%		24-140%
4165-60-0	Nitrobenzene-d5	70%		26-122%
321-60-8	2-Fluorobiphenyl	77%		36-112%
1718-51-0	Terphenyl-d14	76%		36-132%

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
	system artifact	2.81	790	ug/kg	J
	system artifact/aldol-condensation	3.20	1400	ug/kg	J
85-44-9	Phthalic anhydride	5.92	1200	ug/kg	JN
	unknown	7.73	850	ug/kg	J
	unknown	7.75	380	ug/kg	J
140-66-9	Phenol, 4-(1,1,3,3-tetramethylbuty	7.79	1400	ug/kg	JN
	unknown	7.84	1700	ug/kg	J
	unknown	7.88	1400	ug/kg	J
	unknown	7.91	760	ug/kg	J
	unknown	7.97	820	ug/kg	J
	unknown	7.99	420	ug/kg	J
	unknown	8.03	1600	ug/kg	J
	unknown	8.09	1800	ug/kg	J
	unknown	8.15	750	ug/kg	J
	unknown	9.10	430	ug/kg	J
	unknown phthalate	9.27	1300	ug/kg	J
	unknown phthalate	9.32	2500	ug/kg	J
	unknown	9.53	1700	ug/kg	J
	Naphthalene, -phenyl-	9.79	640	ug/kg	J
	Pyrene methyl	11.68	390	ug/kg	J
	unknown phthalate	14.57	360	ug/kg	J
	unknown PAH substance	16.07	570	ug/kg	J
	unknown PAH substance	16.40	770	ug/kg	J
	unknown	19.78	360	ug/kg	J
	unknown phthalate	20.38	450	ug/kg	J
	Dibenzopyrene	20.76	470	ug/kg	J
	unknown	20.97	870	ug/kg	J
	Total TIC, Semi-Volatile		23890	ug/kg	J

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B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	ROLLOFF-1-092116	Date Sampled:	09/21/16
Lab Sample ID:	JC28168-1	Date Received:	09/22/16
Matrix:	SO - Soil	Percent Solids:	88.5
Method:	SW846 8151 SW846 8151/3550C		
Project:	AGMNYF: 61 Gates Avenue, Geneva, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3G103159.D	1	09/27/16	RK	09/26/16	OP97254	G3G3606
Run #2							

	Initial Weight	Final Volume
Run #1	15.1 g	5.0 ml
Run #2		

Herbicide List

CAS No.	Compound	Result	RL	MDL	Units	Q
94-75-7	2,4-D	ND	19	8.4	ug/kg	
93-72-1	2,4,5-TP (Silvex)	ND	3.7	1.4	ug/kg	
93-76-5	2,4,5-T	ND	3.7	1.4	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
19719-28-9	2,4-DCAA	16%		10-156%
19719-28-9	2,4-DCAA	14%		10-156%

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 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	ROLLOFF-1-092116	Date Sampled:	09/21/16
Lab Sample ID:	JC28168-1	Date Received:	09/22/16
Matrix:	SO - Soil	Percent Solids:	88.5
Method:	SW846 8081B SW846 3546		
Project:	AGMNYF: 61 Gates Avenue, Geneva, NY		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	1G127727.D	1	09/30/16	DS	09/24/16	OP97251	G1G4099
Run #2							

Run #	Initial Weight	Final Volume
Run #1	16.9 g	10.0 ml
Run #2		

Pesticide TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
309-00-2	Aldrin	ND	0.67	0.32	ug/kg	
319-84-6	alpha-BHC	ND	0.67	0.36	ug/kg	
319-85-7	beta-BHC	ND	0.67	0.42	ug/kg	
319-86-8	delta-BHC	ND	0.67	0.30	ug/kg	
58-89-9	gamma-BHC (Lindane) ^a	10.3	0.67	0.30	ug/kg	
5103-71-9	alpha-Chlordane	ND	0.67	0.32	ug/kg	
5103-74-2	gamma-Chlordane	ND	0.67	0.29	ug/kg	
60-57-1	Dieldrin	ND	0.67	0.33	ug/kg	
72-54-8	4,4' -DDD	ND	0.67	0.43	ug/kg	
72-55-9	4,4' -DDE	ND	0.67	0.35	ug/kg	
50-29-3	4,4' -DDT	ND	0.67	0.40	ug/kg	
72-20-8	Endrin	ND	0.67	0.31	ug/kg	
1031-07-8	Endosulfan sulfate	ND	0.67	0.27	ug/kg	
7421-93-4	Endrin aldehyde	ND	0.67	0.40	ug/kg	
959-98-8	Endosulfan-I	ND	0.67	0.35	ug/kg	
33213-65-9	Endosulfan-II	ND	0.67	0.35	ug/kg	
76-44-8	Heptachlor	ND	0.67	0.33	ug/kg	
1024-57-3	Heptachlor epoxide	ND	0.67	0.36	ug/kg	
72-43-5	Methoxychlor	ND	1.3	0.33	ug/kg	
53494-70-5	Endrin ketone	ND	0.67	0.52	ug/kg	
8001-35-2	Toxaphene	ND	17	7.0	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	95%		24-136%
877-09-8	Tetrachloro-m-xylene	59%		24-136%
2051-24-3	Decachlorobiphenyl	216% ^b		10-153%
2051-24-3	Decachlorobiphenyl	171% ^b		10-153%

(a) More than 40 % RPD for detected concentrations between the two GC columns.

(b) Outside control limits due to matrix interference.

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

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J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	ROLLOFF-1-092116	Date Sampled:	09/21/16
Lab Sample ID:	JC28168-1	Date Received:	09/22/16
Matrix:	SO - Soil	Percent Solids:	88.5
Method:	SW846 8082A SW846 3546		
Project:	AGMNYF: 61 Gates Avenue, Geneva, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	XX197451.D	1	09/27/16	JR	09/26/16	OP97286	GXX5812
Run #2							

	Initial Weight	Final Volume
Run #1	16.0 g	10.0 ml
Run #2		

PCB List

CAS No.	Compound	Result	RL	MDL	Units	Q
12674-11-2	Aroclor 1016	ND	35	17	ug/kg	
11104-28-2	Aroclor 1221	ND	35	17	ug/kg	
11141-16-5	Aroclor 1232	ND	35	14	ug/kg	
53469-21-9	Aroclor 1242	ND	35	13	ug/kg	
12672-29-6	Aroclor 1248	ND	35	22	ug/kg	
11097-69-1	Aroclor 1254	ND	35	18	ug/kg	
11096-82-5	Aroclor 1260	ND	35	15	ug/kg	
11100-14-4	Aroclor 1268	ND	35	13	ug/kg	
37324-23-5	Aroclor 1262	ND	35	24	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	73%		20-152%
877-09-8	Tetrachloro-m-xylene	79%		20-152%
2051-24-3	Decachlorobiphenyl	124%		12-157%
2051-24-3	Decachlorobiphenyl	283% ^a		12-157%

(a) Outside control limits due to matrix interference.

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 E = Indicates value exceeds calibration range

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 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: ROLLOFF-1-092116

Lab Sample ID: JC28168-1

Matrix: SO - Soil

Date Sampled: 09/21/16

Date Received: 09/22/16

Percent Solids: 88.5

Project: AGMNYF: 61 Gates Avenue, Geneva, NY

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed By	Method	Prep Method
Aluminum	6710	57	mg/kg	1	09/24/16	09/26/16 KS	SW846 6010C ²	SW846 3050B ⁴
Antimony	< 2.3	2.3	mg/kg	1	09/24/16	09/26/16 KS	SW846 6010C ²	SW846 3050B ⁴
Arsenic	10.9	2.3	mg/kg	1	09/24/16	09/26/16 KS	SW846 6010C ²	SW846 3050B ⁴
Barium	63.4	23	mg/kg	1	09/24/16	09/26/16 KS	SW846 6010C ²	SW846 3050B ⁴
Beryllium	0.23	0.23	mg/kg	1	09/24/16	09/26/16 KS	SW846 6010C ²	SW846 3050B ⁴
Cadmium	< 0.57	0.57	mg/kg	1	09/24/16	09/26/16 KS	SW846 6010C ²	SW846 3050B ⁴
Calcium	82300	2900	mg/kg	5	09/24/16	09/27/16 AB	SW846 6010C ³	SW846 3050B ⁴
Chromium	21.0	1.1	mg/kg	1	09/24/16	09/26/16 KS	SW846 6010C ²	SW846 3050B ⁴
Cobalt	10.6	5.7	mg/kg	1	09/24/16	09/26/16 KS	SW846 6010C ²	SW846 3050B ⁴
Copper	75.3	2.9	mg/kg	1	09/24/16	09/26/16 KS	SW846 6010C ²	SW846 3050B ⁴
Iron	29800	57	mg/kg	1	09/24/16	09/26/16 KS	SW846 6010C ²	SW846 3050B ⁴
Lead	96.4	2.3	mg/kg	1	09/24/16	09/26/16 KS	SW846 6010C ²	SW846 3050B ⁴
Magnesium	18200	570	mg/kg	1	09/24/16	09/26/16 KS	SW846 6010C ²	SW846 3050B ⁴
Manganese	479	1.7	mg/kg	1	09/24/16	09/26/16 KS	SW846 6010C ²	SW846 3050B ⁴
Mercury	0.054	0.036	mg/kg	1	09/23/16	09/23/16 JPM	SW846 7471B ¹	SW846 7471B ⁵
Nickel	38.3	4.6	mg/kg	1	09/24/16	09/26/16 KS	SW846 6010C ²	SW846 3050B ⁴
Potassium	1970	1100	mg/kg	1	09/24/16	09/26/16 KS	SW846 6010C ²	SW846 3050B ⁴
Selenium	< 2.3	2.3	mg/kg	1	09/24/16	09/26/16 KS	SW846 6010C ²	SW846 3050B ⁴
Silver	< 0.57	0.57	mg/kg	1	09/24/16	09/26/16 KS	SW846 6010C ²	SW846 3050B ⁴
Sodium	< 1100	1100	mg/kg	1	09/24/16	09/26/16 KS	SW846 6010C ²	SW846 3050B ⁴
Thallium	< 1.1	1.1	mg/kg	1	09/24/16	09/26/16 KS	SW846 6010C ²	SW846 3050B ⁴
Vanadium	16.9	5.7	mg/kg	1	09/24/16	09/26/16 KS	SW846 6010C ²	SW846 3050B ⁴
Zinc	147	5.7	mg/kg	1	09/24/16	09/26/16 KS	SW846 6010C ²	SW846 3050B ⁴

(1) Instrument QC Batch: MA40371

(2) Instrument QC Batch: MA40386

(3) Instrument QC Batch: MA40394

(4) Prep QC Batch: MP96158

(5) Prep QC Batch: MP96163

RL = Reporting Limit

Report of Analysis

Client Sample ID:	ROLLOFF-1-092116	Date Sampled:	09/21/16
Lab Sample ID:	JC28168-1	Date Received:	09/22/16
Matrix:	SO - Soil	Percent Solids:	88.5
Project:	AGMNYF: 61 Gates Avenue, Geneva, NY		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Corrosivity as pH	8.03 NC		su	1	09/23/16 16:56	ST	SW846 9045D
Cyanide	< 0.26	0.26	mg/kg	1	09/26/16 08:48	YZ	SW846 9012B/LACHAT
Cyanide Reactivity	< 11	11	mg/kg	1	09/23/16 15:20	BM	SW846 CHAP7/9012 B
Ignitability (Flashpoint)	> 200		Deg. F	1	09/24/16 10:30	AT	SW846 1010A/ASTM D93
Solids, Percent	88.5		%	1	09/23/16 17:30	AT	SM2540 G-97
Sulfide Reactivity	< 110	110	mg/kg	1	09/27/16 09:03	MP	SW846 CHAP7/9034

RL = Reporting Limit

Report of Analysis

Client Sample ID:	ROLLOFF-2-092116	Date Sampled:	09/21/16
Lab Sample ID:	JC28168-2	Date Received:	09/22/16
Matrix:	SO - Soil	Percent Solids:	88.9
Method:	SW846 8260C		
Project:	AGMNYF: 61 Gates Avenue, Geneva, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	X166762.D	1	09/24/16	TP	n/a	n/a	VX7133
Run #2							

	Initial Weight
Run #1	5.8 g
Run #2	

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	24.1	9.7	4.8	ug/kg	
71-43-2	Benzene	ND	0.48	0.12	ug/kg	
74-97-5	Bromochloromethane	ND	4.8	0.31	ug/kg	
75-27-4	Bromodichloromethane	ND	1.9	0.15	ug/kg	
75-25-2	Bromoform	ND	4.8	0.26	ug/kg	
74-83-9	Bromomethane	ND	4.8	0.47	ug/kg	
78-93-3	2-Butanone (MEK)	ND	9.7	1.7	ug/kg	
75-15-0	Carbon disulfide	1.1	1.9	0.16	ug/kg	J
56-23-5	Carbon tetrachloride	ND	1.9	0.16	ug/kg	
108-90-7	Chlorobenzene	ND	1.9	0.16	ug/kg	
75-00-3	Chloroethane	ND	4.8	0.42	ug/kg	
67-66-3	Chloroform	0.26	1.9	0.23	ug/kg	J
74-87-3	Chloromethane	ND	4.8	0.20	ug/kg	
110-82-7	Cyclohexane	ND	1.9	0.53	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	1.9	0.47	ug/kg	
124-48-1	Dibromochloromethane	ND	1.9	0.15	ug/kg	
106-93-4	1,2-Dibromoethane	ND	0.97	0.23	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	0.97	0.17	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	0.97	0.13	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	0.97	0.15	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	4.8	0.53	ug/kg	
75-34-3	1,1-Dichloroethane	8.7	0.97	0.18	ug/kg	
107-06-2	1,2-Dichloroethane	ND	0.97	0.17	ug/kg	
75-35-4	1,1-Dichloroethene	ND	0.97	0.15	ug/kg	
156-59-2	cis-1,2-Dichloroethene	14.0	0.97	0.42	ug/kg	
156-60-5	trans-1,2-Dichloroethene	0.76	0.97	0.15	ug/kg	J
78-87-5	1,2-Dichloropropane	ND	1.9	0.30	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	1.9	0.19	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	1.9	0.21	ug/kg	
100-41-4	Ethylbenzene	ND	0.97	0.14	ug/kg	
76-13-1	Freon 113	ND	4.8	0.47	ug/kg	
591-78-6	2-Hexanone	ND	4.8	1.3	ug/kg	

ND = Not detected MDL = Method Detection Limit

J = Indicates an estimated value

RL = Reporting Limit

B = Indicates analyte found in associated method blank

E = Indicates value exceeds calibration range

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: ROLLOFF-2-092116

Lab Sample ID: JC28168-2

Date Sampled: 09/21/16

Matrix: SO - Soil

Date Received: 09/22/16

Method: SW846 8260C

Percent Solids: 88.9

Project: AGMNYF: 61 Gates Avenue, Geneva, NY

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
98-82-8	Isopropylbenzene	ND	1.9	0.15	ug/kg	
79-20-9	Methyl Acetate	ND	4.8	2.0	ug/kg	
108-87-2	Methylcyclohexane	ND	1.9	0.49	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	0.97	0.26	ug/kg	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	4.8	0.82	ug/kg	
75-09-2	Methylene chloride	ND	4.8	0.97	ug/kg	
100-42-5	Styrene	ND	1.9	0.14	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.9	0.23	ug/kg	
127-18-4	Tetrachloroethene	14.9	1.9	0.27	ug/kg	
108-88-3	Toluene	ND	0.97	0.12	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	4.8	0.22	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	4.8	0.18	ug/kg	
71-55-6	1,1,1-Trichloroethane	1.9	1.9	0.16	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	1.9	0.31	ug/kg	
79-01-6	Trichloroethene	12.0	0.97	0.18	ug/kg	
75-69-4	Trichlorofluoromethane	ND	4.8	0.61	ug/kg	
75-01-4	Vinyl chloride	2.4	1.9	0.20	ug/kg	
	m,p-Xylene	ND	0.97	0.21	ug/kg	
95-47-6	o-Xylene	ND	0.97	0.20	ug/kg	
1330-20-7	Xylene (total)	ND	0.97	0.20	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	102%		70-122%
17060-07-0	1,2-Dichloroethane-D4	112%		68-124%
2037-26-5	Toluene-D8	100%		77-125%
460-00-4	4-Bromofluorobenzene	103%		72-130%

CAS No.	Tentatively Identified Compounds	R. T.	Est. Conc.	Units	Q
	Total TIC, Volatile		0	ug/kg	

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	ROLLOFF-2-092116	Date Sampled:	09/21/16
Lab Sample ID:	JC28168-2	Date Received:	09/22/16
Matrix:	SO - Soil	Percent Solids:	88.9
Method:	SW846 8270D SW846 3546		
Project:	AGMNYF: 61 Gates Avenue, Geneva, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	P107797.D	1	09/27/16	RL	09/24/16	OP97253	EP4778
Run #2	P107882.D	10	09/30/16	RL	09/24/16	OP97253	EP4782
Run #3 ^a	5P31980.D	1	09/30/16	CS	09/29/16	OP97381	E5P1615

	Initial Weight	Final Volume
Run #1	31.7 g	1.0 ml
Run #2	31.7 g	1.0 ml
Run #3	31.2 g	1.0 ml

ABN TCL List (SOM0 2.0)

CAS No.	Compound	Result	RL	MDL	Units	Q
95-57-8	2-Chlorophenol	ND	71	18	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	180	22	ug/kg	
120-83-2	2,4-Dichlorophenol	ND	180	30	ug/kg	
105-67-9	2,4-Dimethylphenol	102	180	63	ug/kg	J
51-28-5	2,4-Dinitrophenol	ND	180	130	ug/kg	
534-52-1	4,6-Dinitro-o-cresol	ND	180	38	ug/kg	
95-48-7	2-Methylphenol	47.4	71	23	ug/kg	J
	3&4-Methylphenol	171	71	29	ug/kg	
88-75-5	2-Nitrophenol	ND	180	23	ug/kg	
100-02-7	4-Nitrophenol	ND	350	95	ug/kg	
87-86-5	Pentachlorophenol	ND	140	33	ug/kg	
108-95-2	Phenol	ND	71	19	ug/kg	
58-90-2	2,3,4,6-Tetrachlorophenol	ND	180	23	ug/kg	
95-95-4	2,4,5-Trichlorophenol	ND	180	27	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND	180	21	ug/kg	
83-32-9	Acenaphthene	929	35	12	ug/kg	
208-96-8	Acenaphthylene	1010	35	18	ug/kg	
98-86-2	Acetophenone	33.3	180	7.6	ug/kg	J
120-12-7	Anthracene	3240 ^b	350	220	ug/kg	
1912-24-9	Atrazine	ND	71	15	ug/kg	
56-55-3	Benzo(a)anthracene	5940 ^b	350	100	ug/kg	
50-32-8	Benzo(a)pyrene	5380 ^b	350	160	ug/kg	
205-99-2	Benzo(b)fluoranthene	6320 ^b	350	160	ug/kg	
191-24-2	Benzo(g,h,i)perylene	3200	35	18	ug/kg	
207-08-9	Benzo(k)fluoranthene	2160	35	17	ug/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	71	14	ug/kg	
85-68-7	Butyl benzyl phthalate	ND	71	8.7	ug/kg	
92-52-4	1,1'-Biphenyl	159	71	4.9	ug/kg	
100-52-7	Benzaldehyde	ND	180	8.8	ug/kg	
91-58-7	2-Chloronaphthalene	ND	71	8.4	ug/kg	

ND = Not detected MDL = Method Detection Limit

J = Indicates an estimated value

RL = Reporting Limit

B = Indicates analyte found in associated method blank

E = Indicates value exceeds calibration range

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: ROLLOFF-2-092116

Lab Sample ID: JC28168-2

Matrix: SO - Soil

Method: SW846 8270D SW846 3546

Project: AGMNYF: 61 Gates Avenue, Geneva, NY

Date Sampled: 09/21/16

Date Received: 09/22/16

Percent Solids: 88.9

ABN TCL List (SOM0 2.0)

CAS No.	Compound	Result	RL	MDL	Units	Q
106-47-8	4-Chloroaniline	ND	180	13	ug/kg	
86-74-8	Carbazole	1590	71	5.1	ug/kg	
105-60-2	Caprolactam	ND	71	14	ug/kg	
218-01-9	Chrysene	6020 ^b	350	110	ug/kg	
111-91-1	bis(2-Chloroethoxy)methane	ND	71	7.6	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	71	15	ug/kg	
108-60-1	bis(2-Chloroisopropyl)ether	ND	71	13	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	71	11	ug/kg	
121-14-2	2,4-Dinitrotoluene	ND	35	11	ug/kg	
606-20-2	2,6-Dinitrotoluene	ND	35	18	ug/kg	
91-94-1	3,3'-Dichlorobenzidine	ND	71	30	ug/kg	
123-91-1	1,4-Dioxane	ND	35	23	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	1020	35	16	ug/kg	
132-64-9	Dibenzofuran	1250	71	14	ug/kg	
84-74-2	Di-n-butyl phthalate	ND	71	5.8	ug/kg	
117-84-0	Di-n-octyl phthalate	ND	71	8.8	ug/kg	
84-66-2	Diethyl phthalate	ND	71	7.6	ug/kg	
131-11-3	Dimethyl phthalate	ND	71	6.3	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	145	71	8.3	ug/kg	
206-44-0	Fluoranthene	14600 ^b	350	160	ug/kg	
86-73-7	Fluorene	2050	35	16	ug/kg	
118-74-1	Hexachlorobenzene	ND	71	9.0	ug/kg	
87-68-3	Hexachlorobutadiene	ND	35	14	ug/kg	
77-47-4	Hexachlorocyclopentadiene	ND	350	14	ug/kg	
67-72-1	Hexachloroethane	ND	180	18	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	3570 ^b	350	170	ug/kg	
78-59-1	Isophorone	ND	71	7.6	ug/kg	
91-57-6	2-Methylnaphthalene	526	71	8.0	ug/kg	
88-74-4	2-Nitroaniline	ND	180	8.4	ug/kg	
99-09-2	3-Nitroaniline	ND	180	8.9	ug/kg	
100-01-6	4-Nitroaniline	ND	180	9.2	ug/kg	
91-20-3	Naphthalene	1100	35	10	ug/kg	
98-95-3	Nitrobenzene	ND	71	14	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	71	10	ug/kg	
86-30-6	N-Nitrosodiphenylamine	ND	180	13	ug/kg	
85-01-8	Phenanthrene	13600 ^b	350	120	ug/kg	
129-00-0	Pyrene	11900 ^b	350	110	ug/kg	
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	180	9.0	ug/kg	

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	ROLLOFF-2-092116	Date Sampled:	09/21/16
Lab Sample ID:	JC28168-2	Date Received:	09/22/16
Matrix:	SO - Soil	Percent Solids:	88.9
Method:	SW846 8270D SW846 3546		
Project:	AGMNYF: 61 Gates Avenue, Geneva, NY		

ABN TCL List (SOM0 2.0)

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Run# 3	Limits
367-12-4	2-Fluorophenol	19% ^e	15% ^d	8% ^c	30-106%
4165-62-2	Phenol-d5	71%	59%	43%	30-106%
118-79-6	2,4,6-Tribromophenol	10% ^e	0% ^d	6% ^c	24-140%
4165-60-0	Nitrobenzene-d5	93%	72%	71%	26-122%
321-60-8	2-Fluorobiphenyl	95%	84%	75%	36-112%
1718-51-0	Terphenyl-d14	88%	79%	72%	36-132%

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
	system artifact	2.78	1900	ug/kg	J
	system artifact	3.10	1500	ug/kg	J
	system artifact/aldol-condensation	3.50	280000	ug/kg	J
	9H-Fluorene methyl	7.87	960	ug/kg	J
	unknown	8.20	1100	ug/kg	J
132-65-0	Dibenzothiophene	8.25	980	ug/kg	JN
	Phenanthrene methyl	9.21	2300	ug/kg	J
	Phenanthrene methyl	9.26	3000	ug/kg	J
	Phenanthrene methyl	9.34	1200	ug/kg	J
	unknown	9.40	4100	ug/kg	J
	Phenanthrene methyl	9.44	1800	ug/kg	J
	Naphthalene, -phenyl-	9.75	2000	ug/kg	J
84-65-1	9,10-Anthracenedione	9.79	1200	ug/kg	JN
	Phenanthrene dimethyl	10.22	1400	ug/kg	J
	Phenanthrene dimethyl	10.38	1200	ug/kg	J
	unknown	10.68	990	ug/kg	J
	unknown	10.77	950	ug/kg	J
	unknown PAH substance	16.05	2500	ug/kg	J
	unknown PAH substance	16.39	4300	ug/kg	J
	unknown PAH substance	16.65	1700	ug/kg	J
	unknown	17.64	1100	ug/kg	J
	unknown	18.17	1700	ug/kg	J
	unknown PAH substance	18.36	1600	ug/kg	J
	unknown PAH substance	18.73	1000	ug/kg	J
	unknown PAH substance	18.79	1300	ug/kg	J
	unknown PAH substance	19.17	1300	ug/kg	J
	Dibenzopyrene	20.72	2200	ug/kg	J
	Dibenzopyrene	20.85	1200	ug/kg	J
	Total TIC, Semi-Volatile		43080	ug/kg	J

(a) Confirmation run for surrogate recoveries.

ND = Not detected MDL = Method Detection Limit J = Indicates an estimated value
 RL = Reporting Limit B = Indicates analyte found in associated method blank
 E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	ROLLOFF-2-092116	Date Sampled:	09/21/16
Lab Sample ID:	JC28168-2	Date Received:	09/22/16
Matrix:	SO - Soil	Percent Solids:	88.9
Method:	SW846 8270D SW846 3546		
Project:	AGMNYF: 61 Gates Avenue, Geneva, NY		

ABN TCL List (SOM0 2.0)

CAS No.	Compound	Result	RL	MDL	Units	Q
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- (b) Result is from Run# 2
- (c) Outside control limits due to matrix interference.
- (d) Outside control limits due to matrix interference, confirmed by MS/MSD.
- (e) Outside control limits due to matrix interference. Confirmed by re-extraction.

ND = Not detected	MDL = Method Detection Limit	J = Indicates an estimated value
RL = Reporting Limit		B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range		N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	ROLLOFF-2-092116	Date Sampled:	09/21/16
Lab Sample ID:	JC28168-2	Date Received:	09/22/16
Matrix:	SO - Soil	Percent Solids:	88.9
Method:	SW846 8151 SW846 8151/3550C		
Project:	AGMNYF: 61 Gates Avenue, Geneva, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3G103160.D	1	09/27/16	RK	09/26/16	OP97254	G3G3606
Run #2							

	Initial Weight	Final Volume
Run #1	15.8 g	5.0 ml
Run #2		

Herbicide List

CAS No.	Compound	Result	RL	MDL	Units	Q
94-75-7	2,4-D	ND	18	8.0	ug/kg	
93-72-1	2,4,5-TP (Silvex)	ND	3.6	1.3	ug/kg	
93-76-5	2,4,5-T	ND	3.6	1.4	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
19719-28-9	2,4-DCAA	53%		10-156%
19719-28-9	2,4-DCAA	49%		10-156%

ND = Not detected MDL = Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	ROLLOFF-2-092116	Date Sampled:	09/21/16
Lab Sample ID:	JC28168-2	Date Received:	09/22/16
Matrix:	SO - Soil	Percent Solids:	88.9
Method:	SW846 8081B SW846 3546		
Project:	AGMNYF: 61 Gates Avenue, Geneva, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	1G127728.D	1	09/30/16	DS	09/24/16	OP97251	G1G4099
Run #2							

	Initial Weight	Final Volume
Run #1	15.3 g	10.0 ml
Run #2		

Pesticide TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
309-00-2	Aldrin	ND	0.74	0.35	ug/kg	
319-84-6	alpha-BHC	ND	0.74	0.39	ug/kg	
319-85-7	beta-BHC	ND	0.74	0.46	ug/kg	
319-86-8	delta-BHC	ND	0.74	0.33	ug/kg	
58-89-9	gamma-BHC (Lindane)	ND	0.74	0.32	ug/kg	
5103-71-9	alpha-Chlordane	ND	0.74	0.35	ug/kg	
5103-74-2	gamma-Chlordane	ND	0.74	0.32	ug/kg	
60-57-1	Dieldrin	ND	0.74	0.37	ug/kg	
72-54-8	4,4' -DDD	ND	0.74	0.47	ug/kg	
72-55-9	4,4' -DDE	ND	0.74	0.38	ug/kg	
50-29-3	4,4' -DDT	ND	0.74	0.44	ug/kg	
72-20-8	Endrin	ND	0.74	0.34	ug/kg	
1031-07-8	Endosulfan sulfate ^a	2.8	0.74	0.29	ug/kg	
7421-93-4	Endrin aldehyde	ND	0.74	0.44	ug/kg	
959-98-8	Endosulfan-I	ND	0.74	0.38	ug/kg	
33213-65-9	Endosulfan-II	ND	0.74	0.38	ug/kg	
76-44-8	Heptachlor	ND	0.74	0.36	ug/kg	
1024-57-3	Heptachlor epoxide	ND	0.74	0.40	ug/kg	
72-43-5	Methoxychlor	ND	1.5	0.37	ug/kg	
53494-70-5	Endrin ketone	ND	0.74	0.57	ug/kg	
8001-35-2	Toxaphene	ND	18	7.6	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	97%		24-136%
877-09-8	Tetrachloro-m-xylene	68%		24-136%
2051-24-3	Decachlorobiphenyl	153%		10-153%
2051-24-3	Decachlorobiphenyl	103%		10-153%

(a) More than 40 % RPD for detected concentrations between the two GC columns.

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	ROLLOFF-2-092116	Date Sampled:	09/21/16
Lab Sample ID:	JC28168-2	Date Received:	09/22/16
Matrix:	SO - Soil	Percent Solids:	88.9
Method:	SW846 8082A SW846 3546		
Project:	AGMNYF: 61 Gates Avenue, Geneva, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	XX197456.D	1	09/27/16	JR	09/26/16	OP97286	GXX5812
Run #2							

	Initial Weight	Final Volume
Run #1	15.0 g	10.0 ml
Run #2		

PCB List

CAS No.	Compound	Result	RL	MDL	Units	Q
12674-11-2	Aroclor 1016	ND	37	19	ug/kg	
11104-28-2	Aroclor 1221	ND	37	18	ug/kg	
11141-16-5	Aroclor 1232	ND	37	15	ug/kg	
53469-21-9	Aroclor 1242	ND	37	13	ug/kg	
12672-29-6	Aroclor 1248	ND	37	24	ug/kg	
11097-69-1	Aroclor 1254	ND	37	19	ug/kg	
11096-82-5	Aroclor 1260	ND	37	16	ug/kg	
11100-14-4	Aroclor 1268	ND	37	13	ug/kg	
37324-23-5	Aroclor 1262	ND	37	25	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	82%		20-152%
877-09-8	Tetrachloro-m-xylene	104%		20-152%
2051-24-3	Decachlorobiphenyl	87%		12-157%
2051-24-3	Decachlorobiphenyl	106%		12-157%

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: ROLLOFF-2-092116**Lab Sample ID:** JC28168-2**Matrix:** SO - Soil**Date Sampled:** 09/21/16**Date Received:** 09/22/16**Percent Solids:** 88.9**Project:** AGMNYF: 61 Gates Avenue, Geneva, NY

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analized By	Method	Prep Method
Aluminum	5790	57	mg/kg	1	09/24/16	09/26/16 KS	SW846 6010C ²	SW846 3050B ⁴
Antimony	< 2.3	2.3	mg/kg	1	09/24/16	09/26/16 KS	SW846 6010C ²	SW846 3050B ⁴
Arsenic	6.1	2.3	mg/kg	1	09/24/16	09/26/16 KS	SW846 6010C ²	SW846 3050B ⁴
Barium	73.5	23	mg/kg	1	09/24/16	09/26/16 KS	SW846 6010C ²	SW846 3050B ⁴
Beryllium	0.25	0.23	mg/kg	1	09/24/16	09/26/16 KS	SW846 6010C ²	SW846 3050B ⁴
Cadmium	0.73	0.57	mg/kg	1	09/24/16	09/26/16 KS	SW846 6010C ²	SW846 3050B ⁴
Calcium	81600	2900	mg/kg	5	09/24/16	09/27/16 AB	SW846 6010C ³	SW846 3050B ⁴
Chromium	18.9	1.1	mg/kg	1	09/24/16	09/26/16 KS	SW846 6010C ²	SW846 3050B ⁴
Cobalt	12.3	5.7	mg/kg	1	09/24/16	09/26/16 KS	SW846 6010C ²	SW846 3050B ⁴
Copper	130	2.9	mg/kg	1	09/24/16	09/26/16 KS	SW846 6010C ²	SW846 3050B ⁴
Iron	13600	57	mg/kg	1	09/24/16	09/26/16 KS	SW846 6010C ²	SW846 3050B ⁴
Lead	90.9	2.3	mg/kg	1	09/24/16	09/26/16 KS	SW846 6010C ²	SW846 3050B ⁴
Magnesium	10700	570	mg/kg	1	09/24/16	09/26/16 KS	SW846 6010C ²	SW846 3050B ⁴
Manganese	288	1.7	mg/kg	1	09/24/16	09/26/16 KS	SW846 6010C ²	SW846 3050B ⁴
Mercury	0.045	0.036	mg/kg	1	09/26/16	09/26/16 JPM	SW846 7471B ¹	SW846 7471B ⁵
Nickel	28.5	4.6	mg/kg	1	09/24/16	09/26/16 KS	SW846 6010C ²	SW846 3050B ⁴
Potassium	1470	1100	mg/kg	1	09/24/16	09/26/16 KS	SW846 6010C ²	SW846 3050B ⁴
Selenium	< 2.3	2.3	mg/kg	1	09/24/16	09/26/16 KS	SW846 6010C ²	SW846 3050B ⁴
Silver	0.68	0.57	mg/kg	1	09/24/16	09/26/16 KS	SW846 6010C ²	SW846 3050B ⁴
Sodium	< 1100	1100	mg/kg	1	09/24/16	09/26/16 KS	SW846 6010C ²	SW846 3050B ⁴
Thallium	< 1.1	1.1	mg/kg	1	09/24/16	09/26/16 KS	SW846 6010C ²	SW846 3050B ⁴
Vanadium	13.8	5.7	mg/kg	1	09/24/16	09/26/16 KS	SW846 6010C ²	SW846 3050B ⁴
Zinc	137	5.7	mg/kg	1	09/24/16	09/26/16 KS	SW846 6010C ²	SW846 3050B ⁴

(1) Instrument QC Batch: MA40382

(2) Instrument QC Batch: MA40386

(3) Instrument QC Batch: MA40394

(4) Prep QC Batch: MP96158

(5) Prep QC Batch: MP96204

RL = Reporting Limit

Report of Analysis

Client Sample ID:	ROLLOFF-2-092116	Date Sampled:	09/21/16
Lab Sample ID:	JC28168-2	Date Received:	09/22/16
Matrix:	SO - Soil	Percent Solids:	88.9
Project:	AGMNYF: 61 Gates Avenue, Geneva, NY		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Corrosivity as pH	11.76 NC		su	1	09/26/16 13:13	ST	SW846 9045D
Cyanide	0.28	0.24	mg/kg	1	09/27/16 09:41	BM	SW846 9012B/LACHAT
Cyanide Reactivity	< 11	11	mg/kg	1	09/26/16 10:25	YZ	SW846 CHAP7/9012 B
Ignitability (Flashpoint)	> 200		Deg. F	1	09/24/16 10:30	AT	SW846 1010A/ASTM D93
Solids, Percent	88.9		%	1	09/23/16 17:30	AT	SM2540 G-97
Sulfide Reactivity	< 110	110	mg/kg	1	09/27/16 09:25	MP	SW846 CHAP7/9034

RL = Reporting Limit

Misc. Forms

Custody Documents and Other Forms

Includes the following where applicable:

- Certification Exceptions
- Chain of Custody

Parameter Certification Exceptions

Job Number: JC28168
Account: UNIVAR Univar
Project: AGMNYF: 61 Gates Avenue, Geneva, NY

The following parameters included in this report are exceptions to NELAC certification.
The certification status of each is indicated below.

Parameter	CAS#	Method	Mat	Certification Status
Cyanide Reactivity		SW846 CHAP7/9012 B	SO	Accutest is not certified for this parameter. ^a
Sulfide Reactivity		SW846 CHAP7/9034	SO	Accutest is not certified for this parameter. ^a

(a) Reactivity analyzed following SW846 Chapter 7 is no longer recognized by regulatory agencies. Use of results should be verified through the program to which the data is being submitted.

Certification exceptions shown are based on the New Jersey DEP certifications. Applicability in other states may vary. Please contact your laboratory representative if additional information is required for a specific regulatory program.

SGS Accutest - Dayton
2235 Route 130, Dayton, NJ 08810
TEL: 732-329-0200 FAX: 732-329-3499/3480
www.accutest.com

FED-EX Tracking # 6780 9737 2633	Bottle Order Control #
SGS Accutest Quote #	SGS Accutest Job # TC28168

[illegible]

JC28168: Chain of Custody

Page 1 of 4

Soil VOC Vial Tracking Log

JOB NUMBER:[illegible]

All strike outs must be initialed & dated. A reason code applied if not a transcription error.

Form: SM087-01

Rev Date: 6/1/16

SGS Accutest Sample Receipt Summary

Job Number: JC28168

Client: _____

Project: _____

Date / Time Received: 9/22/2016 10:45:00 AM

Delivery Method: _____

Airbill #s: _____

Cooler Temps (Raw Measured) °C: Cooler 1: (1.0);

Cooler Temps (Corrected) °C: Cooler 1: (1.9);

Cooler Security

Y or N

Y or N

- | | | | | | |
|---------------------------|-------------------------------------|--------------------------|------------------------|-------------------------------------|--------------------------|
| 1. Custody Seals Present: | ☒ | ☐ | 3. COC Present: | ☒ | ☐ |
| 2. Custody Seals Intact: | ☒ | ☐ | 4. Smp'l Dates/Time OK | ☒ | ☐ |

Cooler Temperature

Y or N

- | | | |
|------------------------------|-------------------------------------|--------------------------|
| 1. Temp criteria achieved: | ☒ | ☐ |
| 2. Cooler temp verification: | IR Gun | |
| 3. Cooler media: | Ice (Bag) | |
| 4. No. Coolers: | 1 | |

Quality Control Preservation

Y or N

N/A

- | | | | |
|---------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|
| 1. Trip Blank present / cooler: | ☐ | ☒ | ☐ |
| 2. Trip Blank listed on COC: | ☐ | ☒ | ☐ |
| 3. Samples preserved properly: | ☒ | ☐ | |
| 4. VOCs headspace free: | ☐ | ☐ | ☒ |

Sample Integrity - Documentation

Y or N

- | | | |
|--|-------------------------------------|--------------------------|
| 1. Sample labels present on bottles: | ☒ | ☐ |
| 2. Container labeling complete: | ☒ | ☐ |
| 3. Sample container label / COC agree: | ☒ | ☐ |

Sample Integrity - Condition

Y or N

- | | | |
|----------------------------------|-------------------------------------|--------------------------|
| 1. Sample recvd within HT: | ☒ | ☐ |
| 2. All containers accounted for: | ☒ | ☐ |
| 3. Condition of sample: | Intact | |

Sample Integrity - Instructions

Y or N

N/A

- | | | | |
|---|-------------------------------------|-------------------------------------|-------------------------------------|
| 1. Analysis requested is clear: | ☒ | ☐ | |
| 2. Bottles received for unspecified tests | ☐ | ☒ | |
| 3. Sufficient volume recvd for analysis: | ☒ | ☐ | |
| 4. Compositing instructions clear: | ☐ | ☐ | ☒ |
| 5. Filtering instructions clear: | ☐ | ☐ | ☒ |

Comments

JC28168: Chain of Custody

Page 3 of 4

Job Change Order: JC28168

Requested Date:	9/23/2016	Received Date:	9/22/2016
Account Name:	Univar	Due Date:	9/29/2016
Project Description:	AGMNYF: 61 Gates Avenue, Geneva, NY	Deliverable:	COMMA
CSR:	mayurp	TAT (Days):	7

=====

Sample #: JC28168-2 Change: please cancel hold log in for H8151STD, RCRACLAS, XTCL20+, SOL104

Dept:

TAT: 7

ROLLOFF-2-092116

=====

Above Changes Per: Purvee Date/Time: 9/23/2016 10:56:18 AM

To Client: This Change Order is confirmation of the revisions, previously discussed with the SGS Accutest Client Service Representative.

Technical Report for

Univar

AGMNYF: 61 Gates Avenue, Geneva, NY

NP009013.2016

SGS Accutest Job Number: JC28168

Sampling Date: 09/21/16

Report to:

Arcadis
295 Woodcliff Drive Suite 301
Fairport, NY 14450
purvee.mittal@arcadis.com

ATTN: Purvee Mittal

Total number of pages in report: **34**



Test results contained within this data package meet the requirements
of the National Environmental Laboratory Accreditation Program
and/or state specific certification programs as applicable.

Nancy F. Cole

Nancy Cole
Laboratory Director

Client Service contact: Mayur Patel 732-329-0200

Certifications: NJ(12129), NY(10983), CA, CT, DE, FL, IL, IN, KS, KY, LA, MA, MD, MI, MT, NC,
OH VAP (CL0056), AK (UST-103), AZ (AZ0786), PA, RI, SC, TN, TX, VA, WV, DoD ELAP (L-A-B L2248)

This report shall not be reproduced, except in its entirety, without the written approval of SGS Accutest.
Test results relate only to samples analyzed.

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Sample Summary

Univar

Job No: JC28168

AGMNYF: 61 Gates Avenue, Geneva, NY
Project No: NP009013.2016

Sample Number	Collected		Matrix Code Type	Received	Client Sample ID
	Date	Time By			
JC28168-1	09/21/16	10:45 ASR	09/22/16 SO	Soil	ROLLOFF-1-092116
JC28168-2	09/21/16	11:15 ASR	09/22/16 SO	Soil	ROLLOFF-2-092116

Soil samples reported on a dry weight basis unless otherwise indicated on result page.

Summary of Hits

Job Number: JC28168
Account: Univar
Project: AGMNYF: 61 Gates Avenue, Geneva, NY
Collected: 09/21/16

Lab Sample ID	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
---------------	------------------	-----------------	----	-----	-------	--------

JC28168-1 ROLLOFF-1-092116

Carbon disulfide	0.34 J	2.1	0.17	ug/kg	SW846 8260C
Chloroform	5.2	2.1	0.24	ug/kg	SW846 8260C
1,1-Dichloroethane	7.1	1.0	0.19	ug/kg	SW846 8260C
cis-1,2-Dichloroethene	9.2	1.0	0.45	ug/kg	SW846 8260C
trans-1,2-Dichloroethene	0.41 J	1.0	0.16	ug/kg	SW846 8260C
Tetrachloroethene	40.8	2.1	0.29	ug/kg	SW846 8260C
1,1,1-Trichloroethane	1.9 J	2.1	0.17	ug/kg	SW846 8260C
Trichloroethene	27.4	1.0	0.20	ug/kg	SW846 8260C
Vinyl chloride	2.5	2.1	0.21	ug/kg	SW846 8260C
3&4-Methylphenol	58.2 J	73	30	ug/kg	SW846 8270D
Acenaphthene	265	37	13	ug/kg	SW846 8270D
Acenaphthylene	274	37	19	ug/kg	SW846 8270D
Acetophenone	2230	180	7.9	ug/kg	SW846 8270D
Anthracene	927	37	22	ug/kg	SW846 8270D
Benzo(a)anthracene	1510	37	10	ug/kg	SW846 8270D
Benzo(a)pyrene	1420	37	17	ug/kg	SW846 8270D
Benzo(b)fluoranthene	1580	37	16	ug/kg	SW846 8270D
Benzo(g,h,i)perylene	720	37	18	ug/kg	SW846 8270D
Benzo(k)fluoranthene	656	37	17	ug/kg	SW846 8270D
1,1'-Biphenyl	79.2	73	5.0	ug/kg	SW846 8270D
Benzaldehyde	185	180	9.1	ug/kg	SW846 8270D
Carbazole	403	73	5.3	ug/kg	SW846 8270D
Chrysene	1500	37	12	ug/kg	SW846 8270D
Dibenzo(a,h)anthracene	238	37	16	ug/kg	SW846 8270D
Dibenzofuran	481	73	15	ug/kg	SW846 8270D
Di-n-butyl phthalate	1430	73	6.0	ug/kg	SW846 8270D
Diethyl phthalate	238	73	7.8	ug/kg	SW846 8270D
bis(2-Ethylhexyl)phthalate	242	73	8.6	ug/kg	SW846 8270D
Fluoranthene	2970	37	16	ug/kg	SW846 8270D
Fluorene	647	37	17	ug/kg	SW846 8270D
Indeno(1,2,3-cd)pyrene	907	37	17	ug/kg	SW846 8270D
2-Methylnaphthalene	254	73	8.3	ug/kg	SW846 8270D
Naphthalene	437	37	10	ug/kg	SW846 8270D
Phenanthrene	3340	37	12	ug/kg	SW846 8270D
Pyrene	2630	37	12	ug/kg	SW846 8270D
Total TIC, Semi-Volatile	23890 J			ug/kg	
gamma-BHC (Lindane) ^a	10.3	0.67	0.30	ug/kg	SW846 8081B
Aluminum	6710	57		mg/kg	SW846 6010C
Arsenic	10.9	2.3		mg/kg	SW846 6010C
Barium	63.4	23		mg/kg	SW846 6010C
Beryllium	0.23	0.23		mg/kg	SW846 6010C
Calcium	82300	2900		mg/kg	SW846 6010C
Chromium	21.0	1.1		mg/kg	SW846 6010C

Summary of Hits

Job Number: JC28168
Account: Univar
Project: AGMNYF: 61 Gates Avenue, Geneva, NY
Collected: 09/21/16

Lab Sample ID Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
Cobalt		10.6	5.7		mg/kg	SW846 6010C
Copper		75.3	2.9		mg/kg	SW846 6010C
Iron		29800	57		mg/kg	SW846 6010C
Lead		96.4	2.3		mg/kg	SW846 6010C
Magnesium		18200	570		mg/kg	SW846 6010C
Manganese		479	1.7		mg/kg	SW846 6010C
Mercury		0.054	0.036		mg/kg	SW846 7471B
Nickel		38.3	4.6		mg/kg	SW846 6010C
Potassium		1970	1100		mg/kg	SW846 6010C
Vanadium		16.9	5.7		mg/kg	SW846 6010C
Zinc		147	5.7		mg/kg	SW846 6010C
Corrosivity as pH		8.03 NC			su	SW846 9045D
Ignitability (Flashpoint)		> 200			Deg. F	SW846 1010A/ASTM D93

JC28168-2 ROLLOFF-2-092116

Acetone	24.1	9.7	4.8	ug/kg	SW846 8260C
Carbon disulfide	1.1 J	1.9	0.16	ug/kg	SW846 8260C
Chloroform	0.26 J	1.9	0.23	ug/kg	SW846 8260C
1,1-Dichloroethane	8.7	0.97	0.18	ug/kg	SW846 8260C
cis-1,2-Dichloroethene	14.0	0.97	0.42	ug/kg	SW846 8260C
trans-1,2-Dichloroethene	0.76 J	0.97	0.15	ug/kg	SW846 8260C
Tetrachloroethene	14.9	1.9	0.27	ug/kg	SW846 8260C
1,1,1-Trichloroethane	1.9	1.9	0.16	ug/kg	SW846 8260C
Trichloroethene	12.0	0.97	0.18	ug/kg	SW846 8260C
Vinyl chloride	2.4	1.9	0.20	ug/kg	SW846 8260C
2,4-Dimethylphenol	102 J	180	63	ug/kg	SW846 8270D
2-Methylphenol	47.4 J	71	23	ug/kg	SW846 8270D
3&4-Methylphenol	171	71	29	ug/kg	SW846 8270D
Acenaphthene	929	35	12	ug/kg	SW846 8270D
Acenaphthylene	1010	35	18	ug/kg	SW846 8270D
Acetophenone	33.3 J	180	7.6	ug/kg	SW846 8270D
Anthracene	3240	350	220	ug/kg	SW846 8270D
Benzo(a)anthracene	5940	350	100	ug/kg	SW846 8270D
Benzo(a)pyrene	5380	350	160	ug/kg	SW846 8270D
Benzo(b)fluoranthene	6320	350	160	ug/kg	SW846 8270D
Benzo(g,h,i)perylene	3200	35	18	ug/kg	SW846 8270D
Benzo(k)fluoranthene	2160	35	17	ug/kg	SW846 8270D
1,1'-Biphenyl	159	71	4.9	ug/kg	SW846 8270D
Carbazole	1590	71	5.1	ug/kg	SW846 8270D
Chrysene	6020	350	110	ug/kg	SW846 8270D
Dibenzo(a,h)anthracene	1020	35	16	ug/kg	SW846 8270D
Dibenzofuran	1250	71	14	ug/kg	SW846 8270D
bis(2-Ethylhexyl)phthalate	145	71	8.3	ug/kg	SW846 8270D
Fluoranthene	14600	350	160	ug/kg	SW846 8270D

Summary of Hits

Job Number: JC28168
Account: Univar
Project: AGMNYF: 61 Gates Avenue, Geneva, NY
Collected: 09/21/16

Lab Sample ID Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
Fluorene		2050	35	16	ug/kg	SW846 8270D
Indeno(1,2,3-cd)pyrene		3570	350	170	ug/kg	SW846 8270D
2-Methylnaphthalene		526	71	8.0	ug/kg	SW846 8270D
Naphthalene		1100	35	10	ug/kg	SW846 8270D
Phenanthrene		13600	350	120	ug/kg	SW846 8270D
Pyrene		11900	350	110	ug/kg	SW846 8270D
Total TIC, Semi-Volatile		43080 J			ug/kg	
Endosulfan sulfate ^a		2.8	0.74	0.29	ug/kg	SW846 8081B
Aluminum		5790	57		mg/kg	SW846 6010C
Arsenic		6.1	2.3		mg/kg	SW846 6010C
Barium		73.5	23		mg/kg	SW846 6010C
Beryllium		0.25	0.23		mg/kg	SW846 6010C
Cadmium		0.73	0.57		mg/kg	SW846 6010C
Calcium		81600	2900		mg/kg	SW846 6010C
Chromium		18.9	1.1		mg/kg	SW846 6010C
Cobalt		12.3	5.7		mg/kg	SW846 6010C
Copper		130	2.9		mg/kg	SW846 6010C
Iron		13600	57		mg/kg	SW846 6010C
Lead		90.9	2.3		mg/kg	SW846 6010C
Magnesium		10700	570		mg/kg	SW846 6010C
Manganese		288	1.7		mg/kg	SW846 6010C
Mercury		0.045	0.036		mg/kg	SW846 7471B
Nickel		28.5	4.6		mg/kg	SW846 6010C
Potassium		1470	1100		mg/kg	SW846 6010C
Silver		0.68	0.57		mg/kg	SW846 6010C
Vanadium		13.8	5.7		mg/kg	SW846 6010C
Zinc		137	5.7		mg/kg	SW846 6010C
Corrosivity as pH		11.76 NC			su	SW846 9045D
Cyanide		0.28	0.24		mg/kg	SW846 9012B/LACHAT
Ignitability (Flashpoint)		> 200			Deg. F	SW846 1010A/ASTM D93

(a) More than 40 % RPD for detected concentrations between the two GC columns.

Sample Results

Report of Analysis

Report of Analysis

Client Sample ID:	ROLLOFF-1-092116	Date Sampled:	09/21/16
Lab Sample ID:	JC28168-1	Date Received:	09/22/16
Matrix:	SO - Soil	Percent Solids:	88.5
Method:	SW846 8260C		
Project:	AGMNYF: 61 Gates Avenue, Geneva, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	X166739.D	1	09/23/16	TP	n/a	n/a	VX7133
Run #2							

	Initial Weight
Run #1	5.5 g
Run #2	

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	10	5.1	ug/kg	
71-43-2	Benzene	ND	0.51	0.12	ug/kg	
74-97-5	Bromochloromethane	ND	5.1	0.33	ug/kg	
75-27-4	Bromodichloromethane	ND	2.1	0.16	ug/kg	
75-25-2	Bromoform	ND	5.1	0.27	ug/kg	
74-83-9	Bromomethane	ND	5.1	0.50	ug/kg	
78-93-3	2-Butanone (MEK)	ND	10	1.8	ug/kg	
75-15-0	Carbon disulfide	0.34	2.1	0.17	ug/kg	J
56-23-5	Carbon tetrachloride	ND	2.1	0.17	ug/kg	
108-90-7	Chlorobenzene	ND	2.1	0.17	ug/kg	
75-00-3	Chloroethane	ND	5.1	0.44	ug/kg	
67-66-3	Chloroform	5.2	2.1	0.24	ug/kg	
74-87-3	Chloromethane	ND	5.1	0.22	ug/kg	
110-82-7	Cyclohexane	ND	2.1	0.56	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.1	0.50	ug/kg	
124-48-1	Dibromochloromethane	ND	2.1	0.15	ug/kg	
106-93-4	1,2-Dibromoethane	ND	1.0	0.25	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.18	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.14	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.16	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	5.1	0.56	ug/kg	
75-34-3	1,1-Dichloroethane	7.1	1.0	0.19	ug/kg	
107-06-2	1,2-Dichloroethane	ND	1.0	0.18	ug/kg	
75-35-4	1,1-Dichloroethene	ND	1.0	0.16	ug/kg	
156-59-2	cis-1,2-Dichloroethene	9.2	1.0	0.45	ug/kg	
156-60-5	trans-1,2-Dichloroethene	0.41	1.0	0.16	ug/kg	J
78-87-5	1,2-Dichloropropane	ND	2.1	0.32	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	2.1	0.20	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	2.1	0.23	ug/kg	
100-41-4	Ethylbenzene	ND	1.0	0.15	ug/kg	
76-13-1	Freon 113	ND	5.1	0.50	ug/kg	
591-78-6	2-Hexanone	ND	5.1	1.4	ug/kg	

ND = Not detected MDL = Method Detection Limit

J = Indicates an estimated value

RL = Reporting Limit

B = Indicates analyte found in associated method blank

E = Indicates value exceeds calibration range

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: ROLLOFF-1-092116

Lab Sample ID: JC28168-1

Matrix: SO - Soil

Method: SW846 8260C

Project: AGMNYF: 61 Gates Avenue, Geneva, NY

Date Sampled: 09/21/16

Date Received: 09/22/16

Percent Solids: 88.5

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
98-82-8	Isopropylbenzene	ND	2.1	0.16	ug/kg	
79-20-9	Methyl Acetate	ND	5.1	2.1	ug/kg	
108-87-2	Methylcyclohexane	ND	2.1	0.52	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.27	ug/kg	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.1	0.87	ug/kg	
75-09-2	Methylene chloride	ND	5.1	1.0	ug/kg	
100-42-5	Styrene	ND	2.1	0.15	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	2.1	0.25	ug/kg	
127-18-4	Tetrachloroethene	40.8	2.1	0.29	ug/kg	
108-88-3	Toluene	ND	1.0	0.13	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	5.1	0.23	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	5.1	0.19	ug/kg	
71-55-6	1,1,1-Trichloroethane	1.9	2.1	0.17	ug/kg	J
79-00-5	1,1,2-Trichloroethane	ND	2.1	0.33	ug/kg	
79-01-6	Trichloroethene	27.4	1.0	0.20	ug/kg	
75-69-4	Trichlorofluoromethane	ND	5.1	0.65	ug/kg	
75-01-4	Vinyl chloride	2.5	2.1	0.21	ug/kg	
	m,p-Xylene	ND	1.0	0.22	ug/kg	
95-47-6	o-Xylene	ND	1.0	0.21	ug/kg	
1330-20-7	Xylene (total)	ND	1.0	0.21	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	105%		70-122%
17060-07-0	1,2-Dichloroethane-D4	118%		68-124%
2037-26-5	Toluene-D8	100%		77-125%
460-00-4	4-Bromofluorobenzene	103%		72-130%

CAS No.	Tentatively Identified Compounds	R. T.	Est. Conc.	Units	Q
	Total TIC, Volatile		0	ug/kg	

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	ROLLOFF-1-092116	Date Sampled:	09/21/16
Lab Sample ID:	JC28168-1	Date Received:	09/22/16
Matrix:	SO - Soil	Percent Solids:	88.5
Method:	SW846 8270D SW846 3546		
Project:	AGMNYF: 61 Gates Avenue, Geneva, NY		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	P107756.D	1	09/25/16	KLS	09/24/16	OP97253	EP4775
Run #2							

Run #	Initial Weight	Final Volume
Run #1	30.9 g	1.0 ml
Run #2		

ABN TCL List (SOM0 2.0)

CAS No.	Compound	Result	RL	MDL	Units	Q
95-57-8	2-Chlorophenol	ND	73	18	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	180	22	ug/kg	
120-83-2	2,4-Dichlorophenol	ND	180	31	ug/kg	
105-67-9	2,4-Dimethylphenol	ND	180	65	ug/kg	
51-28-5	2,4-Dinitrophenol	ND	180	140	ug/kg	
534-52-1	4,6-Dinitro-o-cresol	ND	180	39	ug/kg	
95-48-7	2-Methylphenol	ND	73	23	ug/kg	
	3&4-Methylphenol	58.2	73	30	ug/kg	J
88-75-5	2-Nitrophenol	ND	180	24	ug/kg	
100-02-7	4-Nitrophenol	ND	370	98	ug/kg	
87-86-5	Pentachlorophenol	ND	150	34	ug/kg	
108-95-2	Phenol	ND	73	19	ug/kg	
58-90-2	2,3,4,6-Tetrachlorophenol	ND	180	24	ug/kg	
95-95-4	2,4,5-Trichlorophenol	ND	180	27	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND	180	22	ug/kg	
83-32-9	Acenaphthene	265	37	13	ug/kg	
208-96-8	Acenaphthylene	274	37	19	ug/kg	
98-86-2	Acetophenone	2230	180	7.9	ug/kg	
120-12-7	Anthracene	927	37	22	ug/kg	
1912-24-9	Atrazine	ND	73	16	ug/kg	
56-55-3	Benzo(a)anthracene	1510	37	10	ug/kg	
50-32-8	Benzo(a)pyrene	1420	37	17	ug/kg	
205-99-2	Benzo(b)fluoranthene	1580	37	16	ug/kg	
191-24-2	Benzo(g,h,i)perylene	720	37	18	ug/kg	
207-08-9	Benzo(k)fluoranthene	656	37	17	ug/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	73	14	ug/kg	
85-68-7	Butyl benzyl phthalate	ND	73	8.9	ug/kg	
92-52-4	1,1'-Biphenyl	79.2	73	5.0	ug/kg	
100-52-7	Benzaldehyde	185	180	9.1	ug/kg	
91-58-7	2-Chloronaphthalene	ND	73	8.7	ug/kg	
106-47-8	4-Chloroaniline	ND	180	13	ug/kg	
86-74-8	Carbazole	403	73	5.3	ug/kg	

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B = Indicates analyte found in associated method blank

E = Indicates value exceeds calibration range

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: ROLLOFF-1-092116

Lab Sample ID: JC28168-1

Matrix: SO - Soil

Method: SW846 8270D SW846 3546

Project: AGMNYF: 61 Gates Avenue, Geneva, NY

Date Sampled: 09/21/16

Date Received: 09/22/16

Percent Solids: 88.5

ABN TCL List (SOM0 2.0)

CAS No.	Compound	Result	RL	MDL	Units	Q
105-60-2	Caprolactam	ND	73	14	ug/kg	
218-01-9	Chrysene	1500	37	12	ug/kg	
111-91-1	bis(2-Chloroethoxy)methane	ND	73	7.8	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	73	16	ug/kg	
108-60-1	bis(2-Chloroisopropyl)ether	ND	73	13	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	73	12	ug/kg	
121-14-2	2,4-Dinitrotoluene	ND	37	11	ug/kg	
606-20-2	2,6-Dinitrotoluene	ND	37	18	ug/kg	
91-94-1	3,3'-Dichlorobenzidine	ND	73	30	ug/kg	
123-91-1	1,4-Dioxane	ND	37	24	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	238	37	16	ug/kg	
132-64-9	Dibenzofuran	481	73	15	ug/kg	
84-74-2	Di-n-butyl phthalate	1430	73	6.0	ug/kg	
117-84-0	Di-n-octyl phthalate	ND	73	9.1	ug/kg	
84-66-2	Diethyl phthalate	238	73	7.8	ug/kg	
131-11-3	Dimethyl phthalate	ND	73	6.5	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	242	73	8.6	ug/kg	
206-44-0	Fluoranthene	2970	37	16	ug/kg	
86-73-7	Fluorene	647	37	17	ug/kg	
118-74-1	Hexachlorobenzene	ND	73	9.3	ug/kg	
87-68-3	Hexachlorobutadiene	ND	37	15	ug/kg	
77-47-4	Hexachlorocyclopentadiene	ND	370	15	ug/kg	
67-72-1	Hexachloroethane	ND	180	18	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	907	37	17	ug/kg	
78-59-1	Isophorone	ND	73	7.8	ug/kg	
91-57-6	2-Methylnaphthalene	254	73	8.3	ug/kg	
88-74-4	2-Nitroaniline	ND	180	8.6	ug/kg	
99-09-2	3-Nitroaniline	ND	180	9.1	ug/kg	
100-01-6	4-Nitroaniline	ND	180	9.5	ug/kg	
91-20-3	Naphthalene	437	37	10	ug/kg	
98-95-3	Nitrobenzene	ND	73	14	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	73	11	ug/kg	
86-30-6	N-Nitrosodiphenylamine	ND	180	13	ug/kg	
85-01-8	Phenanthrene	3340	37	12	ug/kg	
129-00-0	Pyrene	2630	37	12	ug/kg	
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	180	9.3	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	77%		30-106%

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N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: ROLLOFF-1-092116**Lab Sample ID:** JC28168-1**Matrix:** SO - Soil**Method:** SW846 8270D SW846 3546**Project:** AGMNYF: 61 Gates Avenue, Geneva, NY**Date Sampled:** 09/21/16**Date Received:** 09/22/16**Percent Solids:** 88.5

ABN TCL List (SOM0 2.0)

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-62-2	Phenol-d5	76%		30-106%
118-79-6	2,4,6-Tribromophenol	93%		24-140%
4165-60-0	Nitrobenzene-d5	70%		26-122%
321-60-8	2-Fluorobiphenyl	77%		36-112%
1718-51-0	Terphenyl-d14	76%		36-132%

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
	system artifact	2.81	790	ug/kg	J
	system artifact/aldol-condensation	3.20	1400	ug/kg	J
85-44-9	Phthalic anhydride	5.92	1200	ug/kg	JN
	unknown	7.73	850	ug/kg	J
	unknown	7.75	380	ug/kg	J
140-66-9	Phenol, 4-(1,1,3,3-tetramethylbuty	7.79	1400	ug/kg	JN
	unknown	7.84	1700	ug/kg	J
	unknown	7.88	1400	ug/kg	J
	unknown	7.91	760	ug/kg	J
	unknown	7.97	820	ug/kg	J
	unknown	7.99	420	ug/kg	J
	unknown	8.03	1600	ug/kg	J
	unknown	8.09	1800	ug/kg	J
	unknown	8.15	750	ug/kg	J
	unknown	9.10	430	ug/kg	J
	unknown phthalate	9.27	1300	ug/kg	J
	unknown phthalate	9.32	2500	ug/kg	J
	unknown	9.53	1700	ug/kg	J
	Naphthalene, -phenyl-	9.79	640	ug/kg	J
	Pyrene methyl	11.68	390	ug/kg	J
	unknown phthalate	14.57	360	ug/kg	J
	unknown PAH substance	16.07	570	ug/kg	J
	unknown PAH substance	16.40	770	ug/kg	J
	unknown	19.78	360	ug/kg	J
	unknown phthalate	20.38	450	ug/kg	J
	Dibenzopyrene	20.76	470	ug/kg	J
	unknown	20.97	870	ug/kg	J
	Total TIC, Semi-Volatile		23890	ug/kg	J

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B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	ROLLOFF-1-092116	Date Sampled:	09/21/16
Lab Sample ID:	JC28168-1	Date Received:	09/22/16
Matrix:	SO - Soil	Percent Solids:	88.5
Method:	SW846 8151 SW846 8151/3550C		
Project:	AGMNYF: 61 Gates Avenue, Geneva, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3G103159.D	1	09/27/16	RK	09/26/16	OP97254	G3G3606
Run #2							

	Initial Weight	Final Volume
Run #1	15.1 g	5.0 ml
Run #2		

Herbicide List

CAS No.	Compound	Result	RL	MDL	Units	Q
94-75-7	2,4-D	ND	19	8.4	ug/kg	
93-72-1	2,4,5-TP (Silvex)	ND	3.7	1.4	ug/kg	
93-76-5	2,4,5-T	ND	3.7	1.4	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
19719-28-9	2,4-DCAA	16%		10-156%
19719-28-9	2,4-DCAA	14%		10-156%

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 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	ROLLOFF-1-092116	Date Sampled:	09/21/16
Lab Sample ID:	JC28168-1	Date Received:	09/22/16
Matrix:	SO - Soil	Percent Solids:	88.5
Method:	SW846 8081B SW846 3546		
Project:	AGMNYF: 61 Gates Avenue, Geneva, NY		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	1G127727.D	1	09/30/16	DS	09/24/16	OP97251	G1G4099
Run #2							

Run #	Initial Weight	Final Volume
Run #1	16.9 g	10.0 ml
Run #2		

Pesticide TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
309-00-2	Aldrin	ND	0.67	0.32	ug/kg	
319-84-6	alpha-BHC	ND	0.67	0.36	ug/kg	
319-85-7	beta-BHC	ND	0.67	0.42	ug/kg	
319-86-8	delta-BHC	ND	0.67	0.30	ug/kg	
58-89-9	gamma-BHC (Lindane) ^a	10.3	0.67	0.30	ug/kg	
5103-71-9	alpha-Chlordane	ND	0.67	0.32	ug/kg	
5103-74-2	gamma-Chlordane	ND	0.67	0.29	ug/kg	
60-57-1	Dieldrin	ND	0.67	0.33	ug/kg	
72-54-8	4,4' -DDD	ND	0.67	0.43	ug/kg	
72-55-9	4,4' -DDE	ND	0.67	0.35	ug/kg	
50-29-3	4,4' -DDT	ND	0.67	0.40	ug/kg	
72-20-8	Endrin	ND	0.67	0.31	ug/kg	
1031-07-8	Endosulfan sulfate	ND	0.67	0.27	ug/kg	
7421-93-4	Endrin aldehyde	ND	0.67	0.40	ug/kg	
959-98-8	Endosulfan-I	ND	0.67	0.35	ug/kg	
33213-65-9	Endosulfan-II	ND	0.67	0.35	ug/kg	
76-44-8	Heptachlor	ND	0.67	0.33	ug/kg	
1024-57-3	Heptachlor epoxide	ND	0.67	0.36	ug/kg	
72-43-5	Methoxychlor	ND	1.3	0.33	ug/kg	
53494-70-5	Endrin ketone	ND	0.67	0.52	ug/kg	
8001-35-2	Toxaphene	ND	17	7.0	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	95%		24-136%
877-09-8	Tetrachloro-m-xylene	59%		24-136%
2051-24-3	Decachlorobiphenyl	216% ^b		10-153%
2051-24-3	Decachlorobiphenyl	171% ^b		10-153%

(a) More than 40 % RPD for detected concentrations between the two GC columns.

(b) Outside control limits due to matrix interference.

ND = Not detected MDL = Method Detection Limit

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J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	ROLLOFF-1-092116	Date Sampled:	09/21/16
Lab Sample ID:	JC28168-1	Date Received:	09/22/16
Matrix:	SO - Soil	Percent Solids:	88.5
Method:	SW846 8082A SW846 3546		
Project:	AGMNYF: 61 Gates Avenue, Geneva, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	XX197451.D	1	09/27/16	JR	09/26/16	OP97286	GXX5812
Run #2							

	Initial Weight	Final Volume
Run #1	16.0 g	10.0 ml
Run #2		

PCB List

CAS No.	Compound	Result	RL	MDL	Units	Q
12674-11-2	Aroclor 1016	ND	35	17	ug/kg	
11104-28-2	Aroclor 1221	ND	35	17	ug/kg	
11141-16-5	Aroclor 1232	ND	35	14	ug/kg	
53469-21-9	Aroclor 1242	ND	35	13	ug/kg	
12672-29-6	Aroclor 1248	ND	35	22	ug/kg	
11097-69-1	Aroclor 1254	ND	35	18	ug/kg	
11096-82-5	Aroclor 1260	ND	35	15	ug/kg	
11100-14-4	Aroclor 1268	ND	35	13	ug/kg	
37324-23-5	Aroclor 1262	ND	35	24	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	73%		20-152%
877-09-8	Tetrachloro-m-xylene	79%		20-152%
2051-24-3	Decachlorobiphenyl	124%		12-157%
2051-24-3	Decachlorobiphenyl	283% ^a		12-157%

(a) Outside control limits due to matrix interference.

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 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: ROLLOFF-1-092116

Lab Sample ID: JC28168-1

Matrix: SO - Soil

Date Sampled: 09/21/16

Date Received: 09/22/16

Percent Solids: 88.5

Project: AGMNYF: 61 Gates Avenue, Geneva, NY

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed By	Method	Prep Method
Aluminum	6710	57	mg/kg	1	09/24/16	09/26/16 KS	SW846 6010C ²	SW846 3050B ⁴
Antimony	< 2.3	2.3	mg/kg	1	09/24/16	09/26/16 KS	SW846 6010C ²	SW846 3050B ⁴
Arsenic	10.9	2.3	mg/kg	1	09/24/16	09/26/16 KS	SW846 6010C ²	SW846 3050B ⁴
Barium	63.4	23	mg/kg	1	09/24/16	09/26/16 KS	SW846 6010C ²	SW846 3050B ⁴
Beryllium	0.23	0.23	mg/kg	1	09/24/16	09/26/16 KS	SW846 6010C ²	SW846 3050B ⁴
Cadmium	< 0.57	0.57	mg/kg	1	09/24/16	09/26/16 KS	SW846 6010C ²	SW846 3050B ⁴
Calcium	82300	2900	mg/kg	5	09/24/16	09/27/16 AB	SW846 6010C ³	SW846 3050B ⁴
Chromium	21.0	1.1	mg/kg	1	09/24/16	09/26/16 KS	SW846 6010C ²	SW846 3050B ⁴
Cobalt	10.6	5.7	mg/kg	1	09/24/16	09/26/16 KS	SW846 6010C ²	SW846 3050B ⁴
Copper	75.3	2.9	mg/kg	1	09/24/16	09/26/16 KS	SW846 6010C ²	SW846 3050B ⁴
Iron	29800	57	mg/kg	1	09/24/16	09/26/16 KS	SW846 6010C ²	SW846 3050B ⁴
Lead	96.4	2.3	mg/kg	1	09/24/16	09/26/16 KS	SW846 6010C ²	SW846 3050B ⁴
Magnesium	18200	570	mg/kg	1	09/24/16	09/26/16 KS	SW846 6010C ²	SW846 3050B ⁴
Manganese	479	1.7	mg/kg	1	09/24/16	09/26/16 KS	SW846 6010C ²	SW846 3050B ⁴
Mercury	0.054	0.036	mg/kg	1	09/23/16	09/23/16 JPM	SW846 7471B ¹	SW846 7471B ⁵
Nickel	38.3	4.6	mg/kg	1	09/24/16	09/26/16 KS	SW846 6010C ²	SW846 3050B ⁴
Potassium	1970	1100	mg/kg	1	09/24/16	09/26/16 KS	SW846 6010C ²	SW846 3050B ⁴
Selenium	< 2.3	2.3	mg/kg	1	09/24/16	09/26/16 KS	SW846 6010C ²	SW846 3050B ⁴
Silver	< 0.57	0.57	mg/kg	1	09/24/16	09/26/16 KS	SW846 6010C ²	SW846 3050B ⁴
Sodium	< 1100	1100	mg/kg	1	09/24/16	09/26/16 KS	SW846 6010C ²	SW846 3050B ⁴
Thallium	< 1.1	1.1	mg/kg	1	09/24/16	09/26/16 KS	SW846 6010C ²	SW846 3050B ⁴
Vanadium	16.9	5.7	mg/kg	1	09/24/16	09/26/16 KS	SW846 6010C ²	SW846 3050B ⁴
Zinc	147	5.7	mg/kg	1	09/24/16	09/26/16 KS	SW846 6010C ²	SW846 3050B ⁴

(1) Instrument QC Batch: MA40371

(2) Instrument QC Batch: MA40386

(3) Instrument QC Batch: MA40394

(4) Prep QC Batch: MP96158

(5) Prep QC Batch: MP96163

RL = Reporting Limit

Report of Analysis

Client Sample ID:	ROLLOFF-1-092116	Date Sampled:	09/21/16
Lab Sample ID:	JC28168-1	Date Received:	09/22/16
Matrix:	SO - Soil	Percent Solids:	88.5
Project:	AGMNYF: 61 Gates Avenue, Geneva, NY		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Corrosivity as pH	8.03 NC		su	1	09/23/16 16:56	ST	SW846 9045D
Cyanide	< 0.26	0.26	mg/kg	1	09/26/16 08:48	YZ	SW846 9012B/LACHAT
Cyanide Reactivity	< 11	11	mg/kg	1	09/23/16 15:20	BM	SW846 CHAP7/9012 B
Ignitability (Flashpoint)	> 200		Deg. F	1	09/24/16 10:30	AT	SW846 1010A/ASTM D93
Solids, Percent	88.5		%	1	09/23/16 17:30	AT	SM2540 G-97
Sulfide Reactivity	< 110	110	mg/kg	1	09/27/16 09:03	MP	SW846 CHAP7/9034

RL = Reporting Limit

Report of Analysis

Client Sample ID:	ROLLOFF-2-092116	Date Sampled:	09/21/16
Lab Sample ID:	JC28168-2	Date Received:	09/22/16
Matrix:	SO - Soil	Percent Solids:	88.9
Method:	SW846 8260C		
Project:	AGMNYF: 61 Gates Avenue, Geneva, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	X166762.D	1	09/24/16	TP	n/a	n/a	VX7133
Run #2							

	Initial Weight
Run #1	5.8 g
Run #2	

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	24.1	9.7	4.8	ug/kg	
71-43-2	Benzene	ND	0.48	0.12	ug/kg	
74-97-5	Bromochloromethane	ND	4.8	0.31	ug/kg	
75-27-4	Bromodichloromethane	ND	1.9	0.15	ug/kg	
75-25-2	Bromoform	ND	4.8	0.26	ug/kg	
74-83-9	Bromomethane	ND	4.8	0.47	ug/kg	
78-93-3	2-Butanone (MEK)	ND	9.7	1.7	ug/kg	
75-15-0	Carbon disulfide	1.1	1.9	0.16	ug/kg	J
56-23-5	Carbon tetrachloride	ND	1.9	0.16	ug/kg	
108-90-7	Chlorobenzene	ND	1.9	0.16	ug/kg	
75-00-3	Chloroethane	ND	4.8	0.42	ug/kg	
67-66-3	Chloroform	0.26	1.9	0.23	ug/kg	J
74-87-3	Chloromethane	ND	4.8	0.20	ug/kg	
110-82-7	Cyclohexane	ND	1.9	0.53	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	1.9	0.47	ug/kg	
124-48-1	Dibromochloromethane	ND	1.9	0.15	ug/kg	
106-93-4	1,2-Dibromoethane	ND	0.97	0.23	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	0.97	0.17	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	0.97	0.13	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	0.97	0.15	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	4.8	0.53	ug/kg	
75-34-3	1,1-Dichloroethane	8.7	0.97	0.18	ug/kg	
107-06-2	1,2-Dichloroethane	ND	0.97	0.17	ug/kg	
75-35-4	1,1-Dichloroethene	ND	0.97	0.15	ug/kg	
156-59-2	cis-1,2-Dichloroethene	14.0	0.97	0.42	ug/kg	
156-60-5	trans-1,2-Dichloroethene	0.76	0.97	0.15	ug/kg	J
78-87-5	1,2-Dichloropropane	ND	1.9	0.30	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	1.9	0.19	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	1.9	0.21	ug/kg	
100-41-4	Ethylbenzene	ND	0.97	0.14	ug/kg	
76-13-1	Freon 113	ND	4.8	0.47	ug/kg	
591-78-6	2-Hexanone	ND	4.8	1.3	ug/kg	

ND = Not detected MDL = Method Detection Limit

J = Indicates an estimated value

RL = Reporting Limit

B = Indicates analyte found in associated method blank

E = Indicates value exceeds calibration range

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: ROLLOFF-2-092116

Lab Sample ID: JC28168-2

Date Sampled: 09/21/16

Matrix: SO - Soil

Date Received: 09/22/16

Method: SW846 8260C

Percent Solids: 88.9

Project: AGMNYF: 61 Gates Avenue, Geneva, NY

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
98-82-8	Isopropylbenzene	ND	1.9	0.15	ug/kg	
79-20-9	Methyl Acetate	ND	4.8	2.0	ug/kg	
108-87-2	Methylcyclohexane	ND	1.9	0.49	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	0.97	0.26	ug/kg	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	4.8	0.82	ug/kg	
75-09-2	Methylene chloride	ND	4.8	0.97	ug/kg	
100-42-5	Styrene	ND	1.9	0.14	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.9	0.23	ug/kg	
127-18-4	Tetrachloroethene	14.9	1.9	0.27	ug/kg	
108-88-3	Toluene	ND	0.97	0.12	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	4.8	0.22	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	4.8	0.18	ug/kg	
71-55-6	1,1,1-Trichloroethane	1.9	1.9	0.16	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	1.9	0.31	ug/kg	
79-01-6	Trichloroethene	12.0	0.97	0.18	ug/kg	
75-69-4	Trichlorofluoromethane	ND	4.8	0.61	ug/kg	
75-01-4	Vinyl chloride	2.4	1.9	0.20	ug/kg	
	m,p-Xylene	ND	0.97	0.21	ug/kg	
95-47-6	o-Xylene	ND	0.97	0.20	ug/kg	
1330-20-7	Xylene (total)	ND	0.97	0.20	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	102%		70-122%
17060-07-0	1,2-Dichloroethane-D4	112%		68-124%
2037-26-5	Toluene-D8	100%		77-125%
460-00-4	4-Bromofluorobenzene	103%		72-130%

CAS No.	Tentatively Identified Compounds	R. T.	Est. Conc.	Units	Q
	Total TIC, Volatile		0	ug/kg	

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	ROLLOFF-2-092116	Date Sampled:	09/21/16
Lab Sample ID:	JC28168-2	Date Received:	09/22/16
Matrix:	SO - Soil	Percent Solids:	88.9
Method:	SW846 8270D SW846 3546		
Project:	AGMNYF: 61 Gates Avenue, Geneva, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	P107797.D	1	09/27/16	RL	09/24/16	OP97253	EP4778
Run #2	P107882.D	10	09/30/16	RL	09/24/16	OP97253	EP4782
Run #3 ^a	5P31980.D	1	09/30/16	CS	09/29/16	OP97381	E5P1615

	Initial Weight	Final Volume
Run #1	31.7 g	1.0 ml
Run #2	31.7 g	1.0 ml
Run #3	31.2 g	1.0 ml

ABN TCL List (SOM0 2.0)

CAS No.	Compound	Result	RL	MDL	Units	Q
95-57-8	2-Chlorophenol	ND	71	18	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	180	22	ug/kg	
120-83-2	2,4-Dichlorophenol	ND	180	30	ug/kg	
105-67-9	2,4-Dimethylphenol	102	180	63	ug/kg	J
51-28-5	2,4-Dinitrophenol	ND	180	130	ug/kg	
534-52-1	4,6-Dinitro-o-cresol	ND	180	38	ug/kg	
95-48-7	2-Methylphenol	47.4	71	23	ug/kg	J
	3&4-Methylphenol	171	71	29	ug/kg	
88-75-5	2-Nitrophenol	ND	180	23	ug/kg	
100-02-7	4-Nitrophenol	ND	350	95	ug/kg	
87-86-5	Pentachlorophenol	ND	140	33	ug/kg	
108-95-2	Phenol	ND	71	19	ug/kg	
58-90-2	2,3,4,6-Tetrachlorophenol	ND	180	23	ug/kg	
95-95-4	2,4,5-Trichlorophenol	ND	180	27	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND	180	21	ug/kg	
83-32-9	Acenaphthene	929	35	12	ug/kg	
208-96-8	Acenaphthylene	1010	35	18	ug/kg	
98-86-2	Acetophenone	33.3	180	7.6	ug/kg	J
120-12-7	Anthracene	3240 ^b	350	220	ug/kg	
1912-24-9	Atrazine	ND	71	15	ug/kg	
56-55-3	Benzo(a)anthracene	5940 ^b	350	100	ug/kg	
50-32-8	Benzo(a)pyrene	5380 ^b	350	160	ug/kg	
205-99-2	Benzo(b)fluoranthene	6320 ^b	350	160	ug/kg	
191-24-2	Benzo(g,h,i)perylene	3200	35	18	ug/kg	
207-08-9	Benzo(k)fluoranthene	2160	35	17	ug/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	71	14	ug/kg	
85-68-7	Butyl benzyl phthalate	ND	71	8.7	ug/kg	
92-52-4	1,1'-Biphenyl	159	71	4.9	ug/kg	
100-52-7	Benzaldehyde	ND	180	8.8	ug/kg	
91-58-7	2-Chloronaphthalene	ND	71	8.4	ug/kg	

ND = Not detected MDL = Method Detection Limit

J = Indicates an estimated value

RL = Reporting Limit

B = Indicates analyte found in associated method blank

E = Indicates value exceeds calibration range

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: ROLLOFF-2-092116

Lab Sample ID: JC28168-2

Matrix: SO - Soil

Method: SW846 8270D SW846 3546

Project: AGMNYF: 61 Gates Avenue, Geneva, NY

Date Sampled: 09/21/16

Date Received: 09/22/16

Percent Solids: 88.9

ABN TCL List (SOM0 2.0)

CAS No.	Compound	Result	RL	MDL	Units	Q
106-47-8	4-Chloroaniline	ND	180	13	ug/kg	
86-74-8	Carbazole	1590	71	5.1	ug/kg	
105-60-2	Caprolactam	ND	71	14	ug/kg	
218-01-9	Chrysene	6020 ^b	350	110	ug/kg	
111-91-1	bis(2-Chloroethoxy)methane	ND	71	7.6	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	71	15	ug/kg	
108-60-1	bis(2-Chloroisopropyl)ether	ND	71	13	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	71	11	ug/kg	
121-14-2	2,4-Dinitrotoluene	ND	35	11	ug/kg	
606-20-2	2,6-Dinitrotoluene	ND	35	18	ug/kg	
91-94-1	3,3'-Dichlorobenzidine	ND	71	30	ug/kg	
123-91-1	1,4-Dioxane	ND	35	23	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	1020	35	16	ug/kg	
132-64-9	Dibenzofuran	1250	71	14	ug/kg	
84-74-2	Di-n-butyl phthalate	ND	71	5.8	ug/kg	
117-84-0	Di-n-octyl phthalate	ND	71	8.8	ug/kg	
84-66-2	Diethyl phthalate	ND	71	7.6	ug/kg	
131-11-3	Dimethyl phthalate	ND	71	6.3	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	145	71	8.3	ug/kg	
206-44-0	Fluoranthene	14600 ^b	350	160	ug/kg	
86-73-7	Fluorene	2050	35	16	ug/kg	
118-74-1	Hexachlorobenzene	ND	71	9.0	ug/kg	
87-68-3	Hexachlorobutadiene	ND	35	14	ug/kg	
77-47-4	Hexachlorocyclopentadiene	ND	350	14	ug/kg	
67-72-1	Hexachloroethane	ND	180	18	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	3570 ^b	350	170	ug/kg	
78-59-1	Isophorone	ND	71	7.6	ug/kg	
91-57-6	2-Methylnaphthalene	526	71	8.0	ug/kg	
88-74-4	2-Nitroaniline	ND	180	8.4	ug/kg	
99-09-2	3-Nitroaniline	ND	180	8.9	ug/kg	
100-01-6	4-Nitroaniline	ND	180	9.2	ug/kg	
91-20-3	Naphthalene	1100	35	10	ug/kg	
98-95-3	Nitrobenzene	ND	71	14	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	71	10	ug/kg	
86-30-6	N-Nitrosodiphenylamine	ND	180	13	ug/kg	
85-01-8	Phenanthrene	13600 ^b	350	120	ug/kg	
129-00-0	Pyrene	11900 ^b	350	110	ug/kg	
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	180	9.0	ug/kg	

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	ROLLOFF-2-092116	Date Sampled:	09/21/16
Lab Sample ID:	JC28168-2	Date Received:	09/22/16
Matrix:	SO - Soil	Percent Solids:	88.9
Method:	SW846 8270D SW846 3546		
Project:	AGMNYF: 61 Gates Avenue, Geneva, NY		

ABN TCL List (SOM0 2.0)

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Run# 3	Limits
367-12-4	2-Fluorophenol	19% ^e	15% ^d	8% ^c	30-106%
4165-62-2	Phenol-d5	71%	59%	43%	30-106%
118-79-6	2,4,6-Tribromophenol	10% ^e	0% ^d	6% ^c	24-140%
4165-60-0	Nitrobenzene-d5	93%	72%	71%	26-122%
321-60-8	2-Fluorobiphenyl	95%	84%	75%	36-112%
1718-51-0	Terphenyl-d14	88%	79%	72%	36-132%

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
	system artifact	2.78	1900	ug/kg	J
	system artifact	3.10	1500	ug/kg	J
	system artifact/aldol-condensation	3.50	280000	ug/kg	J
	9H-Fluorene methyl	7.87	960	ug/kg	J
	unknown	8.20	1100	ug/kg	J
132-65-0	Dibenzothiophene	8.25	980	ug/kg	JN
	Phenanthrene methyl	9.21	2300	ug/kg	J
	Phenanthrene methyl	9.26	3000	ug/kg	J
	Phenanthrene methyl	9.34	1200	ug/kg	J
	unknown	9.40	4100	ug/kg	J
	Phenanthrene methyl	9.44	1800	ug/kg	J
	Naphthalene, -phenyl-	9.75	2000	ug/kg	J
84-65-1	9,10-Anthracenedione	9.79	1200	ug/kg	JN
	Phenanthrene dimethyl	10.22	1400	ug/kg	J
	Phenanthrene dimethyl	10.38	1200	ug/kg	J
	unknown	10.68	990	ug/kg	J
	unknown	10.77	950	ug/kg	J
	unknown PAH substance	16.05	2500	ug/kg	J
	unknown PAH substance	16.39	4300	ug/kg	J
	unknown PAH substance	16.65	1700	ug/kg	J
	unknown	17.64	1100	ug/kg	J
	unknown	18.17	1700	ug/kg	J
	unknown PAH substance	18.36	1600	ug/kg	J
	unknown PAH substance	18.73	1000	ug/kg	J
	unknown PAH substance	18.79	1300	ug/kg	J
	unknown PAH substance	19.17	1300	ug/kg	J
	Dibenzopyrene	20.72	2200	ug/kg	J
	Dibenzopyrene	20.85	1200	ug/kg	J
	Total TIC, Semi-Volatile		43080	ug/kg	J

(a) Confirmation run for surrogate recoveries.

ND = Not detected MDL = Method Detection Limit J = Indicates an estimated value
 RL = Reporting Limit B = Indicates analyte found in associated method blank
 E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	ROLLOFF-2-092116	Date Sampled:	09/21/16
Lab Sample ID:	JC28168-2	Date Received:	09/22/16
Matrix:	SO - Soil	Percent Solids:	88.9
Method:	SW846 8270D SW846 3546		
Project:	AGMNYF: 61 Gates Avenue, Geneva, NY		

ABN TCL List (SOM0 2.0)

CAS No.	Compound	Result	RL	MDL	Units	Q
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- (b) Result is from Run# 2
- (c) Outside control limits due to matrix interference.
- (d) Outside control limits due to matrix interference, confirmed by MS/MSD.
- (e) Outside control limits due to matrix interference. Confirmed by re-extraction.

ND = Not detected	MDL = Method Detection Limit	J = Indicates an estimated value
RL = Reporting Limit		B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range		N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	ROLLOFF-2-092116		
Lab Sample ID:	JC28168-2	Date Sampled:	09/21/16
Matrix:	SO - Soil	Date Received:	09/22/16
Method:	SW846 8151 SW846 8151/3550C	Percent Solids:	88.9
Project:	AGMNYF: 61 Gates Avenue, Geneva, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3G103160.D	1	09/27/16	RK	09/26/16	OP97254	G3G3606
Run #2							

	Initial Weight	Final Volume
Run #1	15.8 g	5.0 ml
Run #2		

Herbicide List

CAS No.	Compound	Result	RL	MDL	Units	Q
94-75-7	2,4-D	ND	18	8.0	ug/kg	
93-72-1	2,4,5-TP (Silvex)	ND	3.6	1.3	ug/kg	
93-76-5	2,4,5-T	ND	3.6	1.4	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
19719-28-9	2,4-DCAA	53%		10-156%
19719-28-9	2,4-DCAA	49%		10-156%

ND = Not detected MDL = Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	ROLLOFF-2-092116	Date Sampled:	09/21/16
Lab Sample ID:	JC28168-2	Date Received:	09/22/16
Matrix:	SO - Soil	Percent Solids:	88.9
Method:	SW846 8081B SW846 3546		
Project:	AGMNYF: 61 Gates Avenue, Geneva, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	1G127728.D	1	09/30/16	DS	09/24/16	OP97251	G1G4099
Run #2							

	Initial Weight	Final Volume
Run #1	15.3 g	10.0 ml
Run #2		

Pesticide TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
309-00-2	Aldrin	ND	0.74	0.35	ug/kg	
319-84-6	alpha-BHC	ND	0.74	0.39	ug/kg	
319-85-7	beta-BHC	ND	0.74	0.46	ug/kg	
319-86-8	delta-BHC	ND	0.74	0.33	ug/kg	
58-89-9	gamma-BHC (Lindane)	ND	0.74	0.32	ug/kg	
5103-71-9	alpha-Chlordane	ND	0.74	0.35	ug/kg	
5103-74-2	gamma-Chlordane	ND	0.74	0.32	ug/kg	
60-57-1	Dieldrin	ND	0.74	0.37	ug/kg	
72-54-8	4,4' -DDD	ND	0.74	0.47	ug/kg	
72-55-9	4,4' -DDE	ND	0.74	0.38	ug/kg	
50-29-3	4,4' -DDT	ND	0.74	0.44	ug/kg	
72-20-8	Endrin	ND	0.74	0.34	ug/kg	
1031-07-8	Endosulfan sulfate ^a	2.8	0.74	0.29	ug/kg	
7421-93-4	Endrin aldehyde	ND	0.74	0.44	ug/kg	
959-98-8	Endosulfan-I	ND	0.74	0.38	ug/kg	
33213-65-9	Endosulfan-II	ND	0.74	0.38	ug/kg	
76-44-8	Heptachlor	ND	0.74	0.36	ug/kg	
1024-57-3	Heptachlor epoxide	ND	0.74	0.40	ug/kg	
72-43-5	Methoxychlor	ND	1.5	0.37	ug/kg	
53494-70-5	Endrin ketone	ND	0.74	0.57	ug/kg	
8001-35-2	Toxaphene	ND	18	7.6	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	97%		24-136%
877-09-8	Tetrachloro-m-xylene	68%		24-136%
2051-24-3	Decachlorobiphenyl	153%		10-153%
2051-24-3	Decachlorobiphenyl	103%		10-153%

(a) More than 40 % RPD for detected concentrations between the two GC columns.

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	ROLLOFF-2-092116	Date Sampled:	09/21/16
Lab Sample ID:	JC28168-2	Date Received:	09/22/16
Matrix:	SO - Soil	Percent Solids:	88.9
Method:	SW846 8082A SW846 3546		
Project:	AGMNYF: 61 Gates Avenue, Geneva, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	XX197456.D	1	09/27/16	JR	09/26/16	OP97286	GXX5812
Run #2							

	Initial Weight	Final Volume
Run #1	15.0 g	10.0 ml
Run #2		

PCB List

CAS No.	Compound	Result	RL	MDL	Units	Q
12674-11-2	Aroclor 1016	ND	37	19	ug/kg	
11104-28-2	Aroclor 1221	ND	37	18	ug/kg	
11141-16-5	Aroclor 1232	ND	37	15	ug/kg	
53469-21-9	Aroclor 1242	ND	37	13	ug/kg	
12672-29-6	Aroclor 1248	ND	37	24	ug/kg	
11097-69-1	Aroclor 1254	ND	37	19	ug/kg	
11096-82-5	Aroclor 1260	ND	37	16	ug/kg	
11100-14-4	Aroclor 1268	ND	37	13	ug/kg	
37324-23-5	Aroclor 1262	ND	37	25	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	82%		20-152%
877-09-8	Tetrachloro-m-xylene	104%		20-152%
2051-24-3	Decachlorobiphenyl	87%		12-157%
2051-24-3	Decachlorobiphenyl	106%		12-157%

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: ROLLOFF-2-092116**Lab Sample ID:** JC28168-2**Matrix:** SO - Soil**Date Sampled:** 09/21/16**Date Received:** 09/22/16**Percent Solids:** 88.9**Project:** AGMNYF: 61 Gates Avenue, Geneva, NY

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analized By	Method	Prep Method
Aluminum	5790	57	mg/kg	1	09/24/16	09/26/16 KS	SW846 6010C ²	SW846 3050B ⁴
Antimony	< 2.3	2.3	mg/kg	1	09/24/16	09/26/16 KS	SW846 6010C ²	SW846 3050B ⁴
Arsenic	6.1	2.3	mg/kg	1	09/24/16	09/26/16 KS	SW846 6010C ²	SW846 3050B ⁴
Barium	73.5	23	mg/kg	1	09/24/16	09/26/16 KS	SW846 6010C ²	SW846 3050B ⁴
Beryllium	0.25	0.23	mg/kg	1	09/24/16	09/26/16 KS	SW846 6010C ²	SW846 3050B ⁴
Cadmium	0.73	0.57	mg/kg	1	09/24/16	09/26/16 KS	SW846 6010C ²	SW846 3050B ⁴
Calcium	81600	2900	mg/kg	5	09/24/16	09/27/16 AB	SW846 6010C ³	SW846 3050B ⁴
Chromium	18.9	1.1	mg/kg	1	09/24/16	09/26/16 KS	SW846 6010C ²	SW846 3050B ⁴
Cobalt	12.3	5.7	mg/kg	1	09/24/16	09/26/16 KS	SW846 6010C ²	SW846 3050B ⁴
Copper	130	2.9	mg/kg	1	09/24/16	09/26/16 KS	SW846 6010C ²	SW846 3050B ⁴
Iron	13600	57	mg/kg	1	09/24/16	09/26/16 KS	SW846 6010C ²	SW846 3050B ⁴
Lead	90.9	2.3	mg/kg	1	09/24/16	09/26/16 KS	SW846 6010C ²	SW846 3050B ⁴
Magnesium	10700	570	mg/kg	1	09/24/16	09/26/16 KS	SW846 6010C ²	SW846 3050B ⁴
Manganese	288	1.7	mg/kg	1	09/24/16	09/26/16 KS	SW846 6010C ²	SW846 3050B ⁴
Mercury	0.045	0.036	mg/kg	1	09/26/16	09/26/16 JPM	SW846 7471B ¹	SW846 7471B ⁵
Nickel	28.5	4.6	mg/kg	1	09/24/16	09/26/16 KS	SW846 6010C ²	SW846 3050B ⁴
Potassium	1470	1100	mg/kg	1	09/24/16	09/26/16 KS	SW846 6010C ²	SW846 3050B ⁴
Selenium	< 2.3	2.3	mg/kg	1	09/24/16	09/26/16 KS	SW846 6010C ²	SW846 3050B ⁴
Silver	0.68	0.57	mg/kg	1	09/24/16	09/26/16 KS	SW846 6010C ²	SW846 3050B ⁴
Sodium	< 1100	1100	mg/kg	1	09/24/16	09/26/16 KS	SW846 6010C ²	SW846 3050B ⁴
Thallium	< 1.1	1.1	mg/kg	1	09/24/16	09/26/16 KS	SW846 6010C ²	SW846 3050B ⁴
Vanadium	13.8	5.7	mg/kg	1	09/24/16	09/26/16 KS	SW846 6010C ²	SW846 3050B ⁴
Zinc	137	5.7	mg/kg	1	09/24/16	09/26/16 KS	SW846 6010C ²	SW846 3050B ⁴

(1) Instrument QC Batch: MA40382

(2) Instrument QC Batch: MA40386

(3) Instrument QC Batch: MA40394

(4) Prep QC Batch: MP96158

(5) Prep QC Batch: MP96204

RL = Reporting Limit

Report of Analysis

Client Sample ID:	ROLLOFF-2-092116	Date Sampled:	09/21/16
Lab Sample ID:	JC28168-2	Date Received:	09/22/16
Matrix:	SO - Soil	Percent Solids:	88.9
Project:	AGMNYF: 61 Gates Avenue, Geneva, NY		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Corrosivity as pH	11.76 NC		su	1	09/26/16 13:13	ST	SW846 9045D
Cyanide	0.28	0.24	mg/kg	1	09/27/16 09:41	BM	SW846 9012B/LACHAT
Cyanide Reactivity	< 11	11	mg/kg	1	09/26/16 10:25	YZ	SW846 CHAP7/9012 B
Ignitability (Flashpoint)	> 200		Deg. F	1	09/24/16 10:30	AT	SW846 1010A/ASTM D93
Solids, Percent	88.9		%	1	09/23/16 17:30	AT	SM2540 G-97
Sulfide Reactivity	< 110	110	mg/kg	1	09/27/16 09:25	MP	SW846 CHAP7/9034

RL = Reporting Limit

Misc. Forms

Custody Documents and Other Forms

Includes the following where applicable:

- Certification Exceptions
- Chain of Custody

Parameter Certification Exceptions

Job Number: JC28168
Account: UNIVAR Univar
Project: AGMNYF: 61 Gates Avenue, Geneva, NY

The following parameters included in this report are exceptions to NELAC certification.
The certification status of each is indicated below.

Parameter	CAS#	Method	Mat	Certification Status
Cyanide Reactivity		SW846 CHAP7/9012 B	SO	Accutest is not certified for this parameter. ^a
Sulfide Reactivity		SW846 CHAP7/9034	SO	Accutest is not certified for this parameter. ^a

(a) Reactivity analyzed following SW846 Chapter 7 is no longer recognized by regulatory agencies. Use of results should be verified through the program to which the data is being submitted.

Certification exceptions shown are based on the New Jersey DEP certifications. Applicability in other states may vary. Please contact your laboratory representative if additional information is required for a specific regulatory program.

SGS Accutest - Dayton
2235 Route 130, Dayton, NJ 08810
TEL: 732-329-0200 FAX: 732-329-3499/3480
www.accutest.com

FED-EX Tracking # 6780 9737 2633	Bottle Order Control #
SGS Accutest Quote #	SGS Accutest Job # TC28168

4.2

JC28168: Chain of Custody

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Soil VOC Vial Tracking Log

JOB NUMBER:[illegible]

All strike outs must be initialed & dated. A reason code applied if not a transcription error.

Form: SM087-01

Rev Date: 6/1/16

SGS Accutest Sample Receipt Summary

Job Number: JC28168

Client: _____

Project: _____

Date / Time Received: 9/22/2016 10:45:00 AM

Delivery Method: _____

Airbill #s: _____

Cooler Temps (Raw Measured) °C: Cooler 1: (1.0);

Cooler Temps (Corrected) °C: Cooler 1: (1.9);

Cooler Security

Y or N

Y or N

- | | | | | | |
|---------------------------|-------------------------------------|--------------------------|-----------------------|-------------------------------------|--------------------------|
| 1. Custody Seals Present: | ☒ | ☐ | 3. COC Present: | ☒ | ☐ |
| 2. Custody Seals Intact: | ☒ | ☐ | 4. Smpl Dates/Time OK | ☒ | ☐ |

Cooler Temperature

Y or N

- | | | |
|------------------------------|-------------------------------------|--------------------------|
| 1. Temp criteria achieved: | ☒ | ☐ |
| 2. Cooler temp verification: | IR Gun | |
| 3. Cooler media: | Ice (Bag) | |
| 4. No. Coolers: | 1 | |

Quality Control Preservation

Y or N

N/A

- | | | | |
|---------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|
| 1. Trip Blank present / cooler: | ☐ | ☒ | ☐ |
| 2. Trip Blank listed on COC: | ☐ | ☒ | ☐ |
| 3. Samples preserved properly: | ☒ | ☐ | |
| 4. VOCs headspace free: | ☐ | ☐ | ☒ |

Sample Integrity - Documentation

Y or N

- | | | |
|--|-------------------------------------|--------------------------|
| 1. Sample labels present on bottles: | ☒ | ☐ |
| 2. Container labeling complete: | ☒ | ☐ |
| 3. Sample container label / COC agree: | ☒ | ☐ |

Sample Integrity - Condition

Y or N

- | | | |
|----------------------------------|-------------------------------------|--------------------------|
| 1. Sample recvd within HT: | ☒ | ☐ |
| 2. All containers accounted for: | ☒ | ☐ |
| 3. Condition of sample: | Intact | |

Sample Integrity - Instructions

Y or N

N/A

- | | | | |
|---|-------------------------------------|-------------------------------------|-------------------------------------|
| 1. Analysis requested is clear: | ☒ | ☐ | |
| 2. Bottles received for unspecified tests | ☐ | ☒ | |
| 3. Sufficient volume recvd for analysis: | ☒ | ☐ | |
| 4. Compositing instructions clear: | ☐ | ☐ | ☒ |
| 5. Filtering instructions clear: | ☐ | ☐ | ☒ |

Comments

JC28168: Chain of Custody

Page 3 of 4

Job Change Order: JC28168

Requested Date:	9/23/2016	Received Date:	9/22/2016
Account Name:	Univar	Due Date:	9/29/2016
Project Description:	AGMNYF: 61 Gates Avenue, Geneva, NY	Deliverable:	COMMA
CSR:	mayurp	TAT (Days):	7

=====

Sample #:	JC28168-2	Change:
Dept:		please cancel hold log in for H8151STD, RCRACLAS, XTCL20+, SOL104
TAT:	7	

ROLLOFF-2-092116

=====

Above Changes Per:	Purvee	Date/Time:	9/23/2016 10:56:18 AM
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To Client: This Change Order is confirmation of the revisions, previously discussed with the SGS Accutest Client Service Representative.

Technical Report for

Univar

AGMNYF: 61 Gates Avenue, Geneva, NY

NP009013.2016

SGS Accutest Job Number: JC29949R

Sampling Date: 10/18/16

Report to:

Arcadis
295 Woodcliff Drive Suite 301
Fairport, NY 14450
purvee.mittal@arcadis.com

ATTN: Purvee Mittal

Total number of pages in report: **11**



Test results contained within this data package meet the requirements
of the National Environmental Laboratory Accreditation Program
and/or state specific certification programs as applicable.

Nancy F. Cole

Nancy Cole
Laboratory Director

Client Service contact: Daniel Axelrod 732-329-0200

Certifications: NJ(12129), NY(10983), CA, CT, FL, IL, IN, KS, KY, LA, MA, MD, ME, MN, NC,
OH VAP (CL0056), AK (UST-103), AZ (AZ0786), PA, RI, SC, TX, UT, VA, WV, DoD ELAP (L-A-B L2248)

This report shall not be reproduced, except in its entirety, without the written approval of SGS Accutest.
Test results relate only to samples analyzed.

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Section 4: Misc. Forms 8

4.1: Chain of Custody 9



Sample Summary

Univar

Job No: JC29949R

AGMNYF: 61 Gates Avenue, Geneva, NY
Project No: NP009013.2016

Sample Number	Collected		Time By	Received	Matrix		Client Sample ID
	Date				Code	Type	
JC29949-1R	10/18/16	16:10	DZ	10/19/16	SO	Soil	ROLL OFF #2
JC29949-2R	10/18/16	16:30	DZ	10/19/16	SO	Soil	ROLL OFF #3

Soil samples reported on a dry weight basis unless otherwise indicated on result page.

Summary of Hits

Job Number: JC29949R
Account: Univar
Project: AGMNYF: 61 Gates Avenue, Geneva, NY
Collected: 10/18/16

Lab Sample ID	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
Analyte						

JC29949-1R ROLL OFF #2

No hits reported in this sample.

JC29949-2R ROLL OFF #3

No hits reported in this sample.



Sample Results

Report of Analysis

Report of Analysis

Client Sample ID: ROLL OFF #2

Lab Sample ID: JC29949-1R

Matrix: SO - Soil

Date Sampled: 10/18/16

Date Received: 10/19/16

Percent Solids: 86.5

Project: AGMNYF: 61 Gates Avenue, Geneva, NY

Metals Analysis, TCLP Leachate SW846 1311

Analyte	Result	HW#	MCL	RL	Units	DF	Prep	Analyzed By	Method	Prep Method
Arsenic	< 0.50	D004	5.0	0.50	mg/l	5	11/04/16	11/05/16 DE	SW846 6010C ²	SW846 3010A ³
Barium	< 1.0	D005	100	1.0	mg/l	5	11/04/16	11/05/16 DE	SW846 6010C ²	SW846 3010A ³
Cadmium	< 0.025	D006	1.0	0.025	mg/l	5	11/04/16	11/05/16 DE	SW846 6010C ²	SW846 3010A ³
Chromium	< 0.050	D007	5.0	0.050	mg/l	5	11/04/16	11/05/16 DE	SW846 6010C ²	SW846 3010A ³
Lead	< 0.50	D008	5.0	0.50	mg/l	5	11/04/16	11/05/16 DE	SW846 6010C ²	SW846 3010A ³
Mercury	< 0.00020	D009	0.20	0.00020	mg/l	1	11/07/16	11/07/16 MS	SW846 7470A ¹	SW846 7470A ⁴
Selenium	< 0.50	D010	1.0	0.50	mg/l	5	11/04/16	11/05/16 DE	SW846 6010C ²	SW846 3010A ³
Silver	< 0.050	D011	5.0	0.050	mg/l	5	11/04/16	11/05/16 DE	SW846 6010C ²	SW846 3010A ³

(1) Instrument QC Batch: MA40706

(2) Instrument QC Batch: MA40707

(3) Prep QC Batch: MP96987

(4) Prep QC Batch: MP97015

RL = Reporting Limit

MCL = Maximum Contamination Level (40 CFR 261.6/96)

Report of Analysis

Client Sample ID: ROLL OFF #3**Lab Sample ID:** JC29949-2R**Matrix:** SO - Soil**Date Sampled:** 10/18/16**Date Received:** 10/19/16**Percent Solids:** 81.8**Project:** AGMNYF: 61 Gates Avenue, Geneva, NY**Metals Analysis, TCLP Leachate SW846 1311**

Analyte	Result	HW#	MCL	RL	Units	DF	Prep	Analyzed By	Method	Prep Method
Arsenic	< 0.50	D004	5.0	0.50	mg/l	5	11/04/16	11/05/16 DE	SW846 6010C ²	SW846 3010A ³
Barium	< 1.0	D005	100	1.0	mg/l	5	11/04/16	11/05/16 DE	SW846 6010C ²	SW846 3010A ³
Cadmium	< 0.025	D006	1.0	0.025	mg/l	5	11/04/16	11/05/16 DE	SW846 6010C ²	SW846 3010A ³
Chromium	< 0.050	D007	5.0	0.050	mg/l	5	11/04/16	11/05/16 DE	SW846 6010C ²	SW846 3010A ³
Lead	< 0.50	D008	5.0	0.50	mg/l	5	11/04/16	11/05/16 DE	SW846 6010C ²	SW846 3010A ³
Mercury	< 0.00020	D009	0.20	0.00020	mg/l	1	11/07/16	11/07/16 MS	SW846 7470A ¹	SW846 7470A ⁴
Selenium	< 0.50	D010	1.0	0.50	mg/l	5	11/04/16	11/05/16 DE	SW846 6010C ²	SW846 3010A ³
Silver	< 0.050	D011	5.0	0.050	mg/l	5	11/04/16	11/05/16 DE	SW846 6010C ²	SW846 3010A ³

(1) Instrument QC Batch: MA40706

(2) Instrument QC Batch: MA40707

(3) Prep QC Batch: MP96987

(4) Prep QC Batch: MP97015

RL = Reporting Limit

MCL = Maximum Contamination Level (40 CFR 261.6/96)

Misc. Forms

Custody Documents and Other Forms

Includes the following where applicable:

- Chain of Custody

So
Su

ACCUTEST

CHAIN OF CUSTODY

SGS Accutest - Dayton
2235 Route 130, Dayton, NJ 08810
TEL: 732-329-0200 FAX: 732-329-3499/3480
www.accutest.com

PAGE 1 OF 1

FED-EX Tracking # 678097382386		Bottle Order Control #	
SGS Accutest Quote #		SGS Accutest Job # JC29949	
Requested Analysis (see TEST CODE sheet)			
Matrix Codes			
DW - Drinking Water GW - Ground Water WW - Water SW - Surface Water SO - Soil SL - Sludge SED - Sediment OI - Oil LIQ - Other Liquid AIR - Air SOL - Other Solid WP - Wipe FB-Field Blank EB-Equipment Blank RB- Rinse Blank TB-Trip Blank			
LAB USE ONLY			
D27 P46 46T2 14V2 4052 Encore			
Turnaround Time (Business days)			
Data Deliverable Information			
Comments / Special Instructions			
Please hold TCPL analysis pending results from Totals Analysis			
• 3XS 6 ENC 10/19/16			
Sample inventory is verified upon receipt in the Laboratory			
Sample Custody must be documented below each time samples change possession, including courier delivery.			
Relinquished by: 1		Received By: 1	
Date Time: 10/18/16 1800		Date Time: 10/19/16 930	
Relinquished by: 2		Received By: 2	
Date Time:		Date Time:	
Relinquished by: 3		Received By: 3	
Date Time:		Date Time:	
Relinquished by: 4		Received By: 4	
Date Time:		Date Time:	
Relinquished by: 5		Received By: 5	
Date Time:		Date Time:	
Custody Seal #		Cooler Temp. 11.7°C	

JC29949R: Chain of Custody

Page 1 of 3



SGS Accutest Sample Receipt Summary

Job Number: JC29949

Client: _____

Project: _____

Date / Time Received: 10/19/2016 9:30:00 AM

Delivery Method: _____

Airbill #s: _____

Cooler Temps (Raw Measured) °C: Cooler 1: (1.7);

Cooler Temps (Corrected) °C: Cooler 1: (2.6);

Cooler Security

Y or N

1. Custody Seals Present: ☒ ☐
2. Custody Seals Intact: ☒ ☐

Y or N

3. COC Present: ☒ ☐
4. Smpl Dates/Time OK ☒ ☐

Cooler Temperature

Y or N

1. Temp criteria achieved: ☒ ☐
2. Cooler temp verification: IR Gun
3. Cooler media: Ice (Bag)
4. No. Coolers: 1

Quality Control Preservation

Y or N

N/A

1. Trip Blank present / cooler: ☐ ☒ ☐
2. Trip Blank listed on COC: ☐ ☒ ☐
3. Samples preserved properly: ☒ ☐ ☐
4. VOCs headspace free: ☐ ☐ ☒

Sample Integrity - Documentation

Y or N

1. Sample labels present on bottles: ☒ ☐
2. Container labeling complete: ☒ ☐
3. Sample container label / COC agree: ☒ ☐

Sample Integrity - Condition

Y or N

1. Sample recvd within HT: ☒ ☐
2. All containers accounted for: ☒ ☐
3. Condition of sample: Intact

Sample Integrity - Instructions

Y or N N/A

1. Analysis requested is clear: ☒ ☐
2. Bottles received for unspecified tests: ☐ ☒
3. Sufficient volume recvd for analysis: ☒ ☐
4. Compositing instructions clear: ☐ ☐ ☒
5. Filtering instructions clear: ☐ ☐ ☒

Comments

JC29949R: Chain of Custody

Page 2 of 3

Job Change Order: JC29949

Requested Date: 11/3/2016 Received Date: 10/19/2016
Account Name: Univar Due Date: 10/26/2016
Project Description: AGMNYF: 61 Gates Avenue, Geneva, NY Deliverable: COMMA
CSR: daniela TAT (Days): 3

Sample #: JC29949-1, 2 Change: Please relog for TCLPE and TCLPM
Dept:
TAT: 3

Above Changes Per: Purvee Mital Date/Time: 11/3/2016 2:27:06 PM

To Client: This Change Order is confirmation of the revisions, previously discussed with the SGS Accutest Client Service Representative.

Technical Report for

Univar

AGMNYF: 61 Gates Avenue, Geneva, NY

NP009013.2016

SGS Accutest Job Number: JC29949R

Sampling Date: 10/18/16

Report to:

Arcadis
295 Woodcliff Drive Suite 301
Fairport, NY 14450
purvee.mittal@arcadis.com

ATTN: Purvee Mittal

Total number of pages in report: 11



Test results contained within this data package meet the requirements of the National Environmental Laboratory Accreditation Program and/or state specific certification programs as applicable.



Nancy Cole
Laboratory Director

Client Service contact: Daniel Axelrod 732-329-0200

Certifications: NJ(12129), NY(10983), CA, CT, FL, IL, IN, KS, KY, LA, MA, MD, ME, MN, NC, OH VAP (CL0056), AK (UST-103), AZ (AZ0786), PA, RI, SC, TX, UT, VA, WV, DoD ELAP (L-A-B L2248)

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Test results relate only to samples analyzed.

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4.1: Chain of Custody 9



Sample Summary

Univar

Job No: JC29949R

AGMNYF: 61 Gates Avenue, Geneva, NY
Project No: NP009013.2016

Sample Number	Collected		Time By	Received	Matrix		Client Sample ID
	Date				Code	Type	
JC29949-1R	10/18/16	16:10	DZ	10/19/16	SO	Soil	ROLL OFF #2
JC29949-2R	10/18/16	16:30	DZ	10/19/16	SO	Soil	ROLL OFF #3

Soil samples reported on a dry weight basis unless otherwise indicated on result page.

Summary of Hits

Job Number: JC29949R
Account: Univar
Project: AGMNYF: 61 Gates Avenue, Geneva, NY
Collected: 10/18/16

Lab Sample ID	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
Analyte						

JC29949-1R ROLL OFF #2

No hits reported in this sample.

JC29949-2R ROLL OFF #3

No hits reported in this sample.



Sample Results

Report of Analysis

Report of Analysis

Client Sample ID: ROLL OFF #2

Lab Sample ID: JC29949-1R

Matrix: SO - Soil

Date Sampled: 10/18/16

Date Received: 10/19/16

Percent Solids: 86.5

Project: AGMNYF: 61 Gates Avenue, Geneva, NY

Metals Analysis, TCLP Leachate SW846 1311

Analyte	Result	HW#	MCL	RL	Units	DF	Prep	Analyzed By	Method	Prep Method
Arsenic	< 0.50	D004	5.0	0.50	mg/l	5	11/04/16	11/05/16 DE	SW846 6010C ²	SW846 3010A ³
Barium	< 1.0	D005	100	1.0	mg/l	5	11/04/16	11/05/16 DE	SW846 6010C ²	SW846 3010A ³
Cadmium	< 0.025	D006	1.0	0.025	mg/l	5	11/04/16	11/05/16 DE	SW846 6010C ²	SW846 3010A ³
Chromium	< 0.050	D007	5.0	0.050	mg/l	5	11/04/16	11/05/16 DE	SW846 6010C ²	SW846 3010A ³
Lead	< 0.50	D008	5.0	0.50	mg/l	5	11/04/16	11/05/16 DE	SW846 6010C ²	SW846 3010A ³
Mercury	< 0.00020	D009	0.20	0.00020	mg/l	1	11/07/16	11/07/16 MS	SW846 7470A ¹	SW846 7470A ⁴
Selenium	< 0.50	D010	1.0	0.50	mg/l	5	11/04/16	11/05/16 DE	SW846 6010C ²	SW846 3010A ³
Silver	< 0.050	D011	5.0	0.050	mg/l	5	11/04/16	11/05/16 DE	SW846 6010C ²	SW846 3010A ³

(1) Instrument QC Batch: MA40706

(2) Instrument QC Batch: MA40707

(3) Prep QC Batch: MP96987

(4) Prep QC Batch: MP97015

RL = Reporting Limit

MCL = Maximum Contamination Level (40 CFR 261.6/96)

Report of Analysis

Client Sample ID: ROLL OFF #3**Lab Sample ID:** JC29949-2R**Matrix:** SO - Soil**Project:** AGMNYF: 61 Gates Avenue, Geneva, NY**Date Sampled:** 10/18/16**Date Received:** 10/19/16**Percent Solids:** 81.8**Metals Analysis, TCLP Leachate SW846 1311**

Analyte	Result	HW#	MCL	RL	Units	DF	Prep	Analyzed By	Method	Prep Method
Arsenic	< 0.50	D004	5.0	0.50	mg/l	5	11/04/16	11/05/16 DE	SW846 6010C ²	SW846 3010A ³
Barium	< 1.0	D005	100	1.0	mg/l	5	11/04/16	11/05/16 DE	SW846 6010C ²	SW846 3010A ³
Cadmium	< 0.025	D006	1.0	0.025	mg/l	5	11/04/16	11/05/16 DE	SW846 6010C ²	SW846 3010A ³
Chromium	< 0.050	D007	5.0	0.050	mg/l	5	11/04/16	11/05/16 DE	SW846 6010C ²	SW846 3010A ³
Lead	< 0.50	D008	5.0	0.50	mg/l	5	11/04/16	11/05/16 DE	SW846 6010C ²	SW846 3010A ³
Mercury	< 0.00020	D009	0.20	0.00020	mg/l	1	11/07/16	11/07/16 MS	SW846 7470A ¹	SW846 7470A ⁴
Selenium	< 0.50	D010	1.0	0.50	mg/l	5	11/04/16	11/05/16 DE	SW846 6010C ²	SW846 3010A ³
Silver	< 0.050	D011	5.0	0.050	mg/l	5	11/04/16	11/05/16 DE	SW846 6010C ²	SW846 3010A ³

(1) Instrument QC Batch: MA40706

(2) Instrument QC Batch: MA40707

(3) Prep QC Batch: MP96987

(4) Prep QC Batch: MP97015

RL = Reporting Limit

MCL = Maximum Contamination Level (40 CFR 261.6/96)

Misc. Forms

Custody Documents and Other Forms

Includes the following where applicable:

- Chain of Custody

50
500

ACCUTEST

CHAIN OF CUSTODY

SGS Accutest - Dayton
2235 Route 130, Dayton, NJ 08810
TEL: 732-329-0200 FAX: 732-329-3499/3480
www.accutest.com

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FED-EX Tracking # 6780 9738 2386	Bottle Order Control #
SGS Accutest Quote #	SGS Accutest Job # JTC-29949

[illegible]

4.1

JC29949R: Chain of Custody

Page 1 of 3

SGS Accutest Sample Receipt Summary

Job Number: JC29949

Client: _____

Project: _____

Date / Time Received: 10/19/2016 9:30:00 AM

Delivery Method: _____

Airbill #s: _____

Cooler Temps (Raw Measured) °C: Cooler 1: (1.7);

Cooler Temps (Corrected) °C: Cooler 1: (2.6);

Cooler Security

Y or N

1. Custody Seals Present: ☒ ☐
2. Custody Seals Intact: ☒ ☐

Y or N

3. COC Present: ☒ ☐
4. Smpl Dates/Time OK ☒ ☐

Cooler Temperature

Y or N

1. Temp criteria achieved: ☒ ☐
2. Cooler temp verification: IR Gun
3. Cooler media: Ice (Bag)
4. No. Coolers: 1

Quality Control Preservation

Y or N

N/A

1. Trip Blank present / cooler: ☐ ☒ ☐
2. Trip Blank listed on COC: ☐ ☒ ☐
3. Samples preserved properly: ☒ ☐ ☐
4. VOCs headspace free: ☐ ☐ ☒

Sample Integrity - Documentation

Y or N

1. Sample labels present on bottles: ☒ ☐
2. Container labeling complete: ☒ ☐
3. Sample container label / COC agree: ☒ ☐

Sample Integrity - Condition

Y or N

1. Sample recvd within HT: ☒ ☐
2. All containers accounted for: ☒ ☐
3. Condition of sample: Intact

Sample Integrity - Instructions

Y or N N/A

1. Analysis requested is clear: ☒ ☐
2. Bottles received for unspecified tests: ☐ ☒
3. Sufficient volume recvd for analysis: ☒ ☐
4. Compositing instructions clear: ☐ ☐ ☒
5. Filtering instructions clear: ☐ ☐ ☒

Comments

JC29949R: Chain of Custody

Page 2 of 3

Job Change Order: JC29949

Requested Date: 11/3/2016 Received Date: 10/19/2016
Account Name: Univar Due Date: 10/26/2016
Project Description: AGMNYF: 61 Gates Avenue, Geneva, NY Deliverable: COMMA
CSR: daniela TAT (Days): 3

Sample #: JC29949-1, 2 Change: Please relog for TCLPE and TCLPM
Dept:
TAT: 3

Above Changes Per: Purvee Mital Date/Time: 11/3/2016 2:27:06 PM

To Client: This Change Order is confirmation of the revisions, previously discussed with the SGS Accutest Client Service Representative.

Technical Report for

Univar

AGMNYF: 61 Gates Avenue, Geneva, NY

NP009013.2016

SGS Accutest Job Number: JC30504

Sampling Date: 10/25/16

Report to:

Arcadis
295 Woodcliff Drive Suite 301
Fairport, NY 14450
purvee.mittal@arcadis.com

ATTN: Purvee Mittal

Total number of pages in report: **19**



Test results contained within this data package meet the requirements
of the National Environmental Laboratory Accreditation Program
and/or state specific certification programs as applicable.

Nancy F. Cole

Nancy Cole
Laboratory Director

Client Service contact: Daniel Axelrod 732-329-0200

Certifications: NJ(12129), NY(10983), CA, CT, FL, IL, IN, KS, KY, LA, MA, MD, ME, MN, NC,
OH VAP (CL0056), AK (UST-103), AZ (AZ0786), PA, RI, SC, TX, UT, VA, WV, DoD ELAP (L-A-B L2248)

This report shall not be reproduced, except in its entirety, without the written approval of SGS Accutest.
Test results relate only to samples analyzed.

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Sample Summary

Univar

Job No: JC30504

AGMNYF: 61 Gates Avenue, Geneva, NY
Project No: NP009013.2016

Sample Number	Collected		Received	Matrix		Client Sample ID
	Date	Time By		Code	Type	
JC30504-1	10/25/16	12:25 DZ	10/26/16	AQ	Water	DECON H20 #1 DRUM

Summary of Hits

Page 1 of 1

Job Number: JC30504
Account: Univar
Project: AGMNYF: 61 Gates Avenue, Geneva, NY
Collected: 10/25/16

Lab Sample ID	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
JC30504-1	DECON H2O #1 DRUM					
Benzene		0.25 J	0.50	0.14	ug/l	SW846 8260C
Bromodichloromethane		0.79 J	1.0	0.55	ug/l	SW846 8260C
Bromoform		0.42 J	1.0	0.34	ug/l	SW846 8260C
Chloroform		1.4	1.0	0.23	ug/l	SW846 8260C
Dibromochloromethane		1.1	1.0	0.23	ug/l	SW846 8260C
1,1-Dichloroethane		0.72 J	1.0	0.21	ug/l	SW846 8260C
cis-1,2-Dichloroethene		2.2	1.0	0.31	ug/l	SW846 8260C
Tetrachloroethene		3.1	1.0	0.23	ug/l	SW846 8260C
1,1,1-Trichloroethane		0.90 J	1.0	0.22	ug/l	SW846 8260C
Trichloroethene		10.1	1.0	0.26	ug/l	SW846 8260C
Aluminum ^a		133000	2000		ug/l	SW846 6010C
Arsenic ^a		84.0	30		ug/l	SW846 6010C
Calcium ^a		686000	50000		ug/l	SW846 6010C
Chromium ^a		215	100		ug/l	SW846 6010C
Copper ^a		520	100		ug/l	SW846 6010C
Iron ^a		159000	1000		ug/l	SW846 6010C
Lead ^a		1440	30		ug/l	SW846 6010C
Magnesium ^a		77000	50000		ug/l	SW846 6010C
Manganese ^a		4080	150		ug/l	SW846 6010C
Mercury ^a		1.7	1.2		ug/l	SW846 7470A
Nickel ^a		277	100		ug/l	SW846 6010C
Sodium ^a		107000	100000		ug/l	SW846 6010C
Zinc ^a		3090	200		ug/l	SW846 6010C
Corrosivity as pH		8.15 NC			su	SW846 9040C
Ignitability (Flashpoint)		> 200			Deg. F	SW846 1010A/ASTM D93

(a) Elevated sample detection limit due to difficult sample matrix.

Sample Results

Report of Analysis

Report of Analysis

Client Sample ID:	DECON H2O #1 DRUM	Date Sampled:	10/25/16
Lab Sample ID:	JC30504-1	Date Received:	10/26/16
Matrix:	AQ - Water	Percent Solids:	n/a
Method:	SW846 8260C		
Project:	AGMNYF: 61 Gates Avenue, Geneva, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	1A165796.D	1	11/01/16	VC	n/a	n/a	V1A7064
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	10	5.0	ug/l	
71-43-2	Benzene	0.25	0.50	0.14	ug/l	J
74-97-5	Bromochloromethane	ND	1.0	0.46	ug/l	
75-27-4	Bromodichloromethane	0.79	1.0	0.55	ug/l	J
75-25-2	Bromoform	0.42	1.0	0.34	ug/l	J
74-83-9	Bromomethane	ND	2.0	0.46	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	1.9	ug/l	
75-15-0	Carbon disulfide	ND	2.0	0.33	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.54	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.17	ug/l	
75-00-3	Chloroethane	ND	1.0	0.44	ug/l	
67-66-3	Chloroform	1.4	1.0	0.23	ug/l	
74-87-3	Chloromethane	ND	1.0	0.96	ug/l	
110-82-7	Cyclohexane	ND	5.0	0.73	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.0	0.69	ug/l	
124-48-1	Dibromochloromethane	1.1	1.0	0.23	ug/l	
106-93-4	1,2-Dibromoethane	ND	1.0	0.22	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.23	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.19	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.21	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	0.70	ug/l	
75-34-3	1,1-Dichloroethane	0.72	1.0	0.21	ug/l	J
107-06-2	1,2-Dichloroethane	ND	1.0	0.39	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.20	ug/l	
156-59-2	cis-1,2-Dichloroethene	2.2	1.0	0.31	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.36	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.33	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.19	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.26	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.20	ug/l	
76-13-1	Freon 113	ND	5.0	1.2	ug/l	
591-78-6	2-Hexanone	ND	5.0	1.5	ug/l	

ND = Not detected MDL = Method Detection Limit

J = Indicates an estimated value

RL = Reporting Limit

B = Indicates analyte found in associated method blank

E = Indicates value exceeds calibration range

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	DECON H20 #1 DRUM	Date Sampled:	10/25/16
Lab Sample ID:	JC30504-1	Date Received:	10/26/16
Matrix:	AQ - Water	Percent Solids:	n/a
Method:	SW846 8260C		
Project:	AGMNYF: 61 Gates Avenue, Geneva, NY		

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
98-82-8	Isopropylbenzene	ND	1.0	0.16	ug/l	
79-20-9	Methyl Acetate	ND	5.0	1.5	ug/l	
108-87-2	Methylcyclohexane	ND	5.0	0.78	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.34	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	1.2	ug/l	
75-09-2	Methylene chloride	ND	2.0	1.0	ug/l	
100-42-5	Styrene	ND	1.0	0.27	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.39	ug/l	
127-18-4	Tetrachloroethene	3.1	1.0	0.23	ug/l	
108-88-3	Toluene	ND	1.0	0.23	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	1.0	0.20	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	0.25	ug/l	
71-55-6	1,1,1-Trichloroethane	0.90	1.0	0.22	ug/l	J
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.28	ug/l	
79-01-6	Trichloroethene	10.1	1.0	0.26	ug/l	
75-69-4	Trichlorofluoromethane	ND	2.0	0.58	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.33	ug/l	
	m,p-Xylene	ND	1.0	0.42	ug/l	
95-47-6	o-Xylene	ND	1.0	0.21	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.21	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	104%		76-120%
17060-07-0	1,2-Dichloroethane-D4	100%		73-122%
2037-26-5	Toluene-D8	97%		84-119%
460-00-4	4-Bromofluorobenzene	102%		78-117%

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	DECON H20 #1 DRUM	Date Sampled:	10/25/16
Lab Sample ID:	JC30504-1	Date Received:	10/26/16
Matrix:	AQ - Water	Percent Solids:	n/a
Method:	SW846 8270D SW846 3510C		
Project:	AGMNYF: 61 Gates Avenue, Geneva, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3E87962.D	1	10/28/16	AN	10/28/16	OP98120	E3E3887
Run #2							

	Initial Volume	Final Volume
Run #1	1000 ml	1.0 ml
Run #2		

ABN TCL List (SOM0 2.0)

CAS No.	Compound	Result	RL	MDL	Units	Q
95-57-8	2-Chlorophenol	ND	5.0	0.82	ug/l	
59-50-7	4-Chloro-3-methyl phenol	ND	5.0	0.89	ug/l	
120-83-2	2,4-Dichlorophenol	ND	2.0	1.3	ug/l	
105-67-9	2,4-Dimethylphenol	ND	5.0	2.4	ug/l	
51-28-5	2,4-Dinitrophenol ^a	ND	10	1.6	ug/l	
534-52-1	4,6-Dinitro-o-cresol ^b	ND	5.0	1.3	ug/l	
95-48-7	2-Methylphenol	ND	2.0	0.89	ug/l	
	3&4-Methylphenol	ND	2.0	0.88	ug/l	
88-75-5	2-Nitrophenol ^c	ND	5.0	0.96	ug/l	
100-02-7	4-Nitrophenol	ND	10	1.2	ug/l	
87-86-5	Pentachlorophenol	ND	4.0	1.4	ug/l	
108-95-2	Phenol	ND	2.0	0.39	ug/l	
58-90-2	2,3,4,6-Tetrachlorophenol	ND	5.0	1.5	ug/l	
95-95-4	2,4,5-Trichlorophenol	ND	5.0	1.3	ug/l	
88-06-2	2,4,6-Trichlorophenol	ND	5.0	0.92	ug/l	
83-32-9	Acenaphthene	ND	1.0	0.19	ug/l	
208-96-8	Acenaphthylene	ND	1.0	0.14	ug/l	
98-86-2	Acetophenone	ND	2.0	0.21	ug/l	
120-12-7	Anthracene	ND	1.0	0.21	ug/l	
1912-24-9	Atrazine	ND	2.0	0.45	ug/l	
100-52-7	Benzaldehyde	ND	5.0	0.29	ug/l	
56-55-3	Benzo(a)anthracene	ND	1.0	0.20	ug/l	
50-32-8	Benzo(a)pyrene	ND	1.0	0.21	ug/l	
205-99-2	Benzo(b)fluoranthene	ND	1.0	0.21	ug/l	
191-24-2	Benzo(g,h,i)perylene	ND	1.0	0.34	ug/l	
207-08-9	Benzo(k)fluoranthene	ND	1.0	0.21	ug/l	
101-55-3	4-Bromophenyl phenyl ether	ND	2.0	0.40	ug/l	
85-68-7	Butyl benzyl phthalate	ND	2.0	0.46	ug/l	
92-52-4	1,1'-Biphenyl	ND	1.0	0.21	ug/l	
91-58-7	2-Chloronaphthalene	ND	2.0	0.24	ug/l	
106-47-8	4-Chloroaniline	ND	5.0	0.34	ug/l	
86-74-8	Carbazole	ND	1.0	0.23	ug/l	

ND = Not detected MDL = Method Detection Limit

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E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	DECON H20 #1 DRUM	Date Sampled:	10/25/16
Lab Sample ID:	JC30504-1	Date Received:	10/26/16
Matrix:	AQ - Water	Percent Solids:	n/a
Method:	SW846 8270D SW846 3510C		
Project:	AGMNYF: 61 Gates Avenue, Geneva, NY		

ABN TCL List (SOM0 2.0)

CAS No.	Compound	Result	RL	MDL	Units	Q
105-60-2	Caprolactam	ND	2.0	0.65	ug/l	
218-01-9	Chrysene	ND	1.0	0.18	ug/l	
111-91-1	bis(2-Chloroethoxy)methane	ND	2.0	0.28	ug/l	
111-44-4	bis(2-Chloroethyl)ether	ND	2.0	0.25	ug/l	
108-60-1	bis(2-Chloroisopropyl)ether	ND	2.0	0.40	ug/l	
7005-72-3	4-Chlorophenyl phenyl ether	ND	2.0	0.37	ug/l	
121-14-2	2,4-Dinitrotoluene	ND	1.0	0.55	ug/l	
606-20-2	2,6-Dinitrotoluene	ND	1.0	0.48	ug/l	
91-94-1	3,3'-Dichlorobenzidine	ND	2.0	0.51	ug/l	
123-91-1	1,4-Dioxane	ND	1.0	0.66	ug/l	
53-70-3	Dibenzo(a,h)anthracene	ND	1.0	0.33	ug/l	
132-64-9	Dibenzofuran	ND	5.0	0.22	ug/l	
84-74-2	Di-n-butyl phthalate	ND	2.0	0.50	ug/l	
117-84-0	Di-n-octyl phthalate	ND	2.0	0.23	ug/l	
84-66-2	Diethyl phthalate	ND	2.0	0.26	ug/l	
131-11-3	Dimethyl phthalate	ND	2.0	0.22	ug/l	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	2.0	1.7	ug/l	
206-44-0	Fluoranthene	ND	1.0	0.17	ug/l	
86-73-7	Fluorene	ND	1.0	0.17	ug/l	
118-74-1	Hexachlorobenzene	ND	1.0	0.33	ug/l	
87-68-3	Hexachlorobutadiene	ND	1.0	0.49	ug/l	
77-47-4	Hexachlorocyclopentadiene	ND	10	2.8	ug/l	
67-72-1	Hexachloroethane	ND	2.0	0.39	ug/l	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	1.0	0.33	ug/l	
78-59-1	Isophorone	ND	2.0	0.28	ug/l	
91-57-6	2-Methylnaphthalene	ND	1.0	0.21	ug/l	
88-74-4	2-Nitroaniline	ND	5.0	0.28	ug/l	
99-09-2	3-Nitroaniline	ND	5.0	0.39	ug/l	
100-01-6	4-Nitroaniline	ND	5.0	0.44	ug/l	
91-20-3	Naphthalene	ND	1.0	0.23	ug/l	
98-95-3	Nitrobenzene	ND	2.0	0.64	ug/l	
621-64-7	N-Nitroso-di-n-propylamine	ND	2.0	0.48	ug/l	
86-30-6	N-Nitrosodiphenylamine	ND	5.0	0.22	ug/l	
85-01-8	Phenanthrene	ND	1.0	0.18	ug/l	
129-00-0	Pyrene	ND	1.0	0.22	ug/l	
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	2.0	0.37	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	48%		14-88%

ND = Not detected MDL = Method Detection Limit

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E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	DECON H20 #1 DRUM	Date Sampled:	10/25/16
Lab Sample ID:	JC30504-1	Date Received:	10/26/16
Matrix:	AQ - Water	Percent Solids:	n/a
Method:	SW846 8270D SW846 3510C		
Project:	AGMNYF: 61 Gates Avenue, Geneva, NY		

ABN TCL List (SOM0 2.0)

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-62-2	Phenol-d5	34%		10-110%
118-79-6	2,4,6-Tribromophenol	107%		39-149%
4165-60-0	Nitrobenzene-d5	80%		32-128%
321-60-8	2-Fluorobiphenyl	66%		35-119%
1718-51-0	Terphenyl-d14	74%		10-126%

- (a) This compound in ICV is outside in house QC limits bias high. This compound in BS is outside in house QC limits bias high.
- (b) This compound in the ICV is outside method requirements bias high. This compound in BS is outside in house QC limits bias high.
- (c) This compound in ICV is outside in house QC limits bias high.

ND = Not detected MDL = Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	DECON H20 #1 DRUM	Date Sampled:	10/25/16
Lab Sample ID:	JC30504-1	Date Received:	10/26/16
Matrix:	AQ - Water	Percent Solids:	n/a
Method:	SW846 8151 SW846 8151/3510C		
Project:	AGMNYF: 61 Gates Avenue, Geneva, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	OA120952.D	1	11/02/16	VDT	11/01/16	OP98195	GOA4158
Run #2							

	Initial Volume	Final Volume
Run #1	1000 ml	10.0 ml
Run #2		

Herbicide List

CAS No.	Compound	Result	RL	MDL	Units	Q
94-75-7	2,4-D	ND	0.50	0.39	ug/l	
93-72-1	2,4,5-TP (Silvex)	ND	0.10	0.047	ug/l	
93-76-5	2,4,5-T	ND	0.10	0.059	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
19719-28-9	2,4-DCAA	92%		39-159%
19719-28-9	2,4-DCAA	88%		39-159%

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	DECON H20 #1 DRUM	Date Sampled:	10/25/16
Lab Sample ID:	JC30504-1	Date Received:	10/26/16
Matrix:	AQ - Water	Percent Solids:	n/a
Method:	SW846 8081B SW846 3510C		
Project:	AGMNYF: 61 Gates Avenue, Geneva, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	4G74379.D	1	11/02/16	KD	11/01/16	OP98194	G4G1939
Run #2							

	Initial Volume	Final Volume
Run #1	1000 ml	10.0 ml
Run #2		

Pesticide TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
309-00-2	Aldrin	ND	0.010	0.0060	ug/l	
319-84-6	alpha-BHC	ND	0.010	0.0060	ug/l	
319-85-7	beta-BHC	ND	0.010	0.0057	ug/l	
319-86-8	delta-BHC	ND	0.010	0.0046	ug/l	
58-89-9	gamma-BHC (Lindane)	ND	0.010	0.0028	ug/l	
5103-71-9	alpha-Chlordane	ND	0.010	0.0046	ug/l	
5103-74-2	gamma-Chlordane	ND	0.010	0.0046	ug/l	
60-57-1	Dieldrin	ND	0.010	0.0036	ug/l	
72-54-8	4,4' -DDD	ND	0.010	0.0038	ug/l	
72-55-9	4,4' -DDE	ND	0.010	0.0062	ug/l	
50-29-3	4,4' -DDT	ND	0.010	0.0050	ug/l	
72-20-8	Endrin	ND	0.010	0.0050	ug/l	
1031-07-8	Endosulfan sulfate	ND	0.010	0.0053	ug/l	
7421-93-4	Endrin aldehyde	ND	0.010	0.0051	ug/l	
53494-70-5	Endrin ketone	ND	0.010	0.0051	ug/l	
959-98-8	Endosulfan-I	ND	0.010	0.0050	ug/l	
33213-65-9	Endosulfan-II	ND	0.010	0.0043	ug/l	
76-44-8	Heptachlor	ND	0.010	0.0038	ug/l	
1024-57-3	Heptachlor epoxide	ND	0.010	0.0065	ug/l	
72-43-5	Methoxychlor	ND	0.020	0.0057	ug/l	
8001-35-2	Toxaphene	ND	0.25	0.18	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	135% ^a		26-132%
877-09-8	Tetrachloro-m-xylene	77%		26-132%
2051-24-3	Decachlorobiphenyl	66%		10-118%
2051-24-3	Decachlorobiphenyl	52%		10-118%

(a) High percent recoveries and no positive found in the sample.

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	DECON H2O #1 DRUM	Date Sampled:	10/25/16
Lab Sample ID:	JC30504-1	Date Received:	10/26/16
Matrix:	AQ - Water	Percent Solids:	n/a
Method:	SW846 8082A SW846 3510C		
Project:	AGMNYF: 61 Gates Avenue, Geneva, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	5G64393.D	1	11/02/16	RK	11/01/16	OP98193	G5G1496
Run #2							

	Initial Volume	Final Volume
Run #1	1000 ml	10.0 ml
Run #2		

PCB List

CAS No.	Compound	Result	RL	MDL	Units	Q
12674-11-2	Aroclor 1016	ND	0.50	0.15	ug/l	
11104-28-2	Aroclor 1221	ND	0.50	0.31	ug/l	
11141-16-5	Aroclor 1232	ND	0.50	0.20	ug/l	
53469-21-9	Aroclor 1242	ND	0.50	0.28	ug/l	
12672-29-6	Aroclor 1248	ND	0.50	0.43	ug/l	
11097-69-1	Aroclor 1254	ND	0.50	0.24	ug/l	
11096-82-5	Aroclor 1260	ND	0.50	0.41	ug/l	
11100-14-4	Aroclor 1268	ND	0.50	0.18	ug/l	
37324-23-5	Aroclor 1262	ND	0.50	0.20	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	106%		10-161%
877-09-8	Tetrachloro-m-xylene	91%		10-161%
2051-24-3	Decachlorobiphenyl	53%		10-137%
2051-24-3	Decachlorobiphenyl	52%		10-137%

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: DECON H20 #1 DRUM**Lab Sample ID:** JC30504-1**Matrix:** AQ - Water**Date Sampled:** 10/25/16**Date Received:** 10/26/16**Percent Solids:** n/a**Project:** AGMNYF: 61 Gates Avenue, Geneva, NY**Total Metals Analysis**

Analyte	Result	RL	Units	DF	Prep	Analyzed By	Method	Prep Method
Aluminum ^a	133000	2000	ug/l	1	10/27/16	11/02/16 DE	SW846 6010C ²	SW846 3010A ³
Antimony ^a	< 60	60	ug/l	1	10/27/16	11/02/16 DE	SW846 6010C ²	SW846 3010A ³
Arsenic ^a	84.0	30	ug/l	1	10/27/16	11/02/16 DE	SW846 6010C ²	SW846 3010A ³
Barium ^a	< 2000	2000	ug/l	1	10/27/16	11/02/16 DE	SW846 6010C ²	SW846 3010A ³
Beryllium ^a	< 10	10	ug/l	1	10/27/16	11/02/16 DE	SW846 6010C ²	SW846 3010A ³
Cadmium ^a	< 30	30	ug/l	1	10/27/16	11/02/16 DE	SW846 6010C ²	SW846 3010A ³
Calcium ^a	686000	50000	ug/l	1	10/27/16	11/02/16 DE	SW846 6010C ²	SW846 3010A ³
Chromium ^a	215	100	ug/l	1	10/27/16	11/02/16 DE	SW846 6010C ²	SW846 3010A ³
Cobalt ^a	< 500	500	ug/l	1	10/27/16	11/02/16 DE	SW846 6010C ²	SW846 3010A ³
Copper ^a	520	100	ug/l	1	10/27/16	11/02/16 DE	SW846 6010C ²	SW846 3010A ³
Iron ^a	159000	1000	ug/l	1	10/27/16	11/02/16 DE	SW846 6010C ²	SW846 3010A ³
Lead ^a	1440	30	ug/l	1	10/27/16	11/02/16 DE	SW846 6010C ²	SW846 3010A ³
Magnesium ^a	77000	50000	ug/l	1	10/27/16	11/02/16 DE	SW846 6010C ²	SW846 3010A ³
Manganese ^a	4080	150	ug/l	1	10/27/16	11/02/16 DE	SW846 6010C ²	SW846 3010A ³
Mercury ^a	1.7	1.2	ug/l	1	10/28/16	10/28/16 MS	SW846 7470A ¹	SW846 7470A ⁴
Nickel ^a	277	100	ug/l	1	10/27/16	11/02/16 DE	SW846 6010C ²	SW846 3010A ³
Potassium ^a	< 100000	100000	ug/l	1	10/27/16	11/02/16 DE	SW846 6010C ²	SW846 3010A ³
Selenium ^a	< 100	100	ug/l	1	10/27/16	11/02/16 DE	SW846 6010C ²	SW846 3010A ³
Silver ^a	< 100	100	ug/l	1	10/27/16	11/02/16 DE	SW846 6010C ²	SW846 3010A ³
Sodium ^a	107000	100000	ug/l	1	10/27/16	11/02/16 DE	SW846 6010C ²	SW846 3010A ³
Thallium ^a	< 20	20	ug/l	1	10/27/16	11/02/16 DE	SW846 6010C ²	SW846 3010A ³
Vanadium ^a	< 500	500	ug/l	1	10/27/16	11/02/16 DE	SW846 6010C ²	SW846 3010A ³
Zinc ^a	3090	200	ug/l	1	10/27/16	11/02/16 DE	SW846 6010C ²	SW846 3010A ³

(1) Instrument QC Batch: MA40643

(2) Instrument QC Batch: MA40670

(3) Prep QC Batch: MP96815

(4) Prep QC Batch: MP96843

(a) Elevated sample detection limit due to difficult sample matrix.

RL = Reporting Limit

Report of Analysis

Client Sample ID:	DECON H20 #1 DRUM	Date Sampled:	10/25/16
Lab Sample ID:	JC30504-1	Date Received:	10/26/16
Matrix:	AQ - Water	Percent Solids:	n/a
Project:	AGMNYF: 61 Gates Avenue, Geneva, NY		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Corrosivity as pH	8.15 NC		su	1	11/01/16 16:32	PI	SW846 9040C
Cyanide	< 0.010	0.010	mg/l	1	11/02/16 14:11	MP	EPA 335.4/LACHAT
Cyanide Reactivity	< 10	10	mg/l	1	10/28/16 11:22	BM	SW846 CHAP7/9012B
Ignitability (Flashpoint)	> 200		Deg. F	1	10/29/16 12:30	AT	SW846 1010A/ASTM D93
Sulfide Reactivity	< 100	100	mg/l	1	10/28/16 16:54	MP	SW846 CHAP7/9034

RL = Reporting Limit

Misc. Forms

Custody Documents and Other Forms

Includes the following where applicable:

- Certification Exceptions
- Chain of Custody

Parameter Certification Exceptions

Job Number: JC30504
Account: UNIVAR Univar
Project: AGMNYF: 61 Gates Avenue, Geneva, NY

The following parameters included in this report are exceptions to NELAC certification.
The certification status of each is indicated below.

Parameter	CAS#	Method	Mat	Certification Status
Cyanide Reactivity		SW846 CHAP7/9012B	AQ	Accutest is not certified for this parameter. ^a
Sulfide Reactivity		SW846 CHAP7/9034	AQ	Accutest is not certified for this parameter. ^a

(a) Reactivity analyzed following SW846 Chapter 7 is no longer recognized by regulatory agencies. Use of results should be verified through the program to which the data is being submitted.

Certification exceptions shown are based on the New Jersey DEP certifications. Applicability in other states may vary. Please contact your laboratory representative if additional information is required for a specific regulatory program.

SGS Accutest Sample Receipt Summary

Job Number: JC30504

Client: _____

Project: _____

Date / Time Received: 10/26/2016 9:45:00 AM

Delivery Method: _____

Airbill #s: _____

Cooler Temps (Raw Measured) °C: Cooler 1: (1.6);

Cooler Temps (Corrected) °C: Cooler 1: (2.5);

Cooler Security

Y or N

1. Custody Seals Present: ☒ ☐
2. Custody Seals Intact: ☒ ☐

Y or N

3. COC Present: ☒ ☐
4. SmpI Dates/Time OK ☒ ☐

Cooler Temperature

Y or N

1. Temp criteria achieved: ☒ ☐
2. Cooler temp verification: IR Gun
3. Cooler media: Ice (Bag)
4. No. Coolers: 1

Quality Control Preservation

Y or N

N/A

1. Trip Blank present / cooler: ☐ ☒ ☐
2. Trip Blank listed on COC: ☐ ☒ ☐
3. Samples preserved properly: ☒ ☐ ☐
4. VOCs headspace free: ☒ ☐ ☐

Sample Integrity - Documentation

Y or N

1. Sample labels present on bottles: ☒ ☐
2. Container labeling complete: ☒ ☐
3. Sample container label / COC agree: ☒ ☐

Sample Integrity - Condition

Y or N

1. Sample recvd within HT: ☒ ☐
2. All containers accounted for: ☒ ☐
3. Condition of sample: Intact

Sample Integrity - Instructions

Y or N N/A

1. Analysis requested is clear: ☒ ☐
2. Bottles received for unspecified tests: ☐ ☒
3. Sufficient volume recvd for analysis: ☒ ☐
4. Compositing instructions clear: ☐ ☐ ☒
5. Filtering instructions clear: ☐ ☐ ☒

Comments

JC30504: Chain of Custody

Page 2 of 2

Technical Report for

Univar

AGMNYF: 61 Gates Avenue, Geneva, NY

NP009013.2016

SGS Accutest Job Number: JC31099

Sampling Date: 11/03/16

Report to:

Arcadis
295 Woodcliff Drive Suite 301
Fairport, NY 14450
purvee.mittal@arcadis.com

ATTN: Purvee Mittal

Total number of pages in report: 20



Test results contained within this data package meet the requirements
of the National Environmental Laboratory Accreditation Program
and/or state specific certification programs as applicable.

Nancy F. Cole

Nancy Cole
Laboratory Director

Client Service contact: Daniel Axelrod 732-329-0200

Certifications: NJ(12129), NY(10983), CA, CT, FL, IL, IN, KS, KY, LA, MA, MD, ME, MN, NC,
OH VAP (CL0056), AK (UST-103), AZ (AZ0786), PA, RI, SC, TX, UT, VA, WV, DoD ELAP (L-A-B L2248)

This report shall not be reproduced, except in its entirety, without the written approval of SGS Accutest.
Test results relate only to samples analyzed.

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Sample Summary

Univar

Job No: JC31099

AGMNYF: 61 Gates Avenue, Geneva, NY
Project No: NP009013.2016

Sample Number	Collected		Time By	Received	Matrix		Client Sample ID
	Date				Code	Type	
JC31099-1	11/03/16	14:08	DZ	11/04/16	SO	Solid	ROLL-OFF #4 C&D

Soil samples reported on a dry weight basis unless otherwise indicated on result page.

Summary of Hits

Job Number: JC31099
Account: Univar
Project: AGMNYF: 61 Gates Avenue, Geneva, NY
Collected: 11/03/16

Lab Sample ID	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
JC31099-1	ROLL-OFF #4 C&D					
Acetone		20.5	9.7	4.9	ug/kg	SW846 8260C
Chloroform		0.46 J	1.9	0.23	ug/kg	SW846 8260C
Styrene		26.4	1.9	0.14	ug/kg	SW846 8260C
Tetrachloroethene		1.3 J	1.9	0.27	ug/kg	SW846 8260C
1,1,1-Trichloroethane		0.60 J	1.9	0.16	ug/kg	SW846 8260C
Trichloroethene		2.0	0.97	0.18	ug/kg	SW846 8260C
Total TIC, Volatile		7.6 J			ug/kg	
Acetophenone		23.2 J	170	7.5	ug/kg	SW846 8270D
Benzo(a)anthracene		16.7 J	35	9.9	ug/kg	SW846 8270D
Benzo(b)fluoranthene		20.9 J	35	15	ug/kg	SW846 8270D
Benzaldehyde		109 J	170	8.7	ug/kg	SW846 8270D
Chrysene		19.6 J	35	11	ug/kg	SW846 8270D
Fluoranthene		27.6 J	35	16	ug/kg	SW846 8270D
Phenanthrene		31.0 J	35	12	ug/kg	SW846 8270D
Pyrene		26.7 J	35	11	ug/kg	SW846 8270D
Total TIC, Semi-Volatile		1070 J			ug/kg	
Aluminum		5640	51		mg/kg	SW846 6010C
Arsenic		4.0	2.1		mg/kg	SW846 6010C
Barium		104	21		mg/kg	SW846 6010C
Beryllium		0.59	0.21		mg/kg	SW846 6010C
Calcium		220000	5100		mg/kg	SW846 6010C
Chromium		16.6	1.0		mg/kg	SW846 6010C
Copper		26.6	2.6		mg/kg	SW846 6010C
Iron		11400	51		mg/kg	SW846 6010C
Lead ^a		27.1	10		mg/kg	SW846 6010C
Magnesium		18400	510		mg/kg	SW846 6010C
Manganese		734	1.5		mg/kg	SW846 6010C
Potassium		1660	1000		mg/kg	SW846 6010C
Vanadium		13.2	5.1		mg/kg	SW846 6010C
Zinc		78.5	5.1		mg/kg	SW846 6010C
Corrosivity as pH		11.86 NC			su	SW846 9045D
Ignitability (Flashpoint)		> 200			Deg. F	SW846 1010A/ASTM D93

(a) Elevated detection limit due to dilution required for matrix interference (indicated by failing internal standard on original analysis).



Sample Results

Report of Analysis

Report of Analysis

Client Sample ID:	ROLL-OFF #4 C&D	Date Sampled:	11/03/16
Lab Sample ID:	JC31099-1	Date Received:	11/04/16
Matrix:	SO - Solid	Percent Solids:	93.5
Method:	SW846 8260C		
Project:	AGMNYF: 61 Gates Avenue, Geneva, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	X167954.D	1	11/07/16	TP	n/a	n/a	VX7169
Run #2 ^a	3C132896.D	1	11/08/16	PS	n/a	n/a	V3C6062

	Initial Weight
Run #1	5.5 g
Run #2	4.8 g

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	20.5	9.7	4.9	ug/kg	
71-43-2	Benzene	ND	0.49	0.12	ug/kg	
74-97-5	Bromochloromethane	ND	4.9	0.31	ug/kg	
75-27-4	Bromodichloromethane	ND	1.9	0.15	ug/kg	
75-25-2	Bromoform	ND	4.9	0.26	ug/kg	
74-83-9	Bromomethane	ND	4.9	0.47	ug/kg	
78-93-3	2-Butanone (MEK)	ND	9.7	1.7	ug/kg	
75-15-0	Carbon disulfide	ND	1.9	0.17	ug/kg	
56-23-5	Carbon tetrachloride	ND	1.9	0.16	ug/kg	
108-90-7	Chlorobenzene	ND	1.9	0.16	ug/kg	
75-00-3	Chloroethane	ND	4.9	0.42	ug/kg	
67-66-3	Chloroform	0.46	1.9	0.23	ug/kg	J
74-87-3	Chloromethane	ND	4.9	0.21	ug/kg	
110-82-7	Cyclohexane	ND	1.9	0.53	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	1.9	0.47	ug/kg	
124-48-1	Dibromochloromethane	ND	1.9	0.15	ug/kg	
106-93-4	1,2-Dibromoethane	ND	0.97	0.24	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	0.97	0.17	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	0.97	0.13	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	0.97	0.15	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	4.9	0.53	ug/kg	
75-34-3	1,1-Dichloroethane	ND	0.97	0.18	ug/kg	
107-06-2	1,2-Dichloroethane	ND	0.97	0.17	ug/kg	
75-35-4	1,1-Dichloroethene	ND	0.97	0.15	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	0.97	0.43	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	0.97	0.15	ug/kg	
78-87-5	1,2-Dichloropropane	ND	1.9	0.30	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	1.9	0.19	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	1.9	0.21	ug/kg	
100-41-4	Ethylbenzene	ND	0.97	0.14	ug/kg	
76-13-1	Freon 113	ND	4.9	0.47	ug/kg	
591-78-6	2-Hexanone	ND	4.9	1.4	ug/kg	

ND = Not detected MDL = Method Detection Limit

J = Indicates an estimated value

RL = Reporting Limit

B = Indicates analyte found in associated method blank

E = Indicates value exceeds calibration range

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: ROLL-OFF #4 C&D

Lab Sample ID: JC31099-1

Matrix: SO - Solid

Method: SW846 8260C

Project: AGMNYF: 61 Gates Avenue, Geneva, NY

Date Sampled: 11/03/16

Date Received: 11/04/16

Percent Solids: 93.5

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
98-82-8	Isopropylbenzene	ND	1.9	0.15	ug/kg	
79-20-9	Methyl Acetate	ND	4.9	2.0	ug/kg	
108-87-2	Methylcyclohexane	ND	1.9	0.49	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	0.97	0.26	ug/kg	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	4.9	0.83	ug/kg	
75-09-2	Methylene chloride	ND	4.9	0.97	ug/kg	
100-42-5	Styrene	26.4	1.9	0.14	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.9	0.23	ug/kg	
127-18-4	Tetrachloroethene	1.3	1.9	0.27	ug/kg	J
108-88-3	Toluene	ND	0.97	0.12	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	4.9	0.22	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	4.9	0.18	ug/kg	
71-55-6	1,1,1-Trichloroethane	0.60	1.9	0.16	ug/kg	J
79-00-5	1,1,2-Trichloroethane	ND	1.9	0.31	ug/kg	
79-01-6	Trichloroethene	2.0	0.97	0.18	ug/kg	
75-69-4	Trichlorofluoromethane	ND	4.9	0.61	ug/kg	
75-01-4	Vinyl chloride	ND	1.9	0.20	ug/kg	
	m,p-Xylene	ND	0.97	0.21	ug/kg	
95-47-6	o-Xylene	ND	0.97	0.20	ug/kg	
1330-20-7	Xylene (total)	ND	0.97	0.20	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	51% ^c	56% ^b	70-122%
17060-07-0	1,2-Dichloroethane-D4	113%	99%	68-124%
2037-26-5	Toluene-D8	99%	101%	77-125%
460-00-4	4-Bromofluorobenzene	99%	95%	72-130%

CAS No.	Tentatively Identified Compounds	R. T.	Est. Conc.	Units	Q
	alkane	4.10	7.6	ug/kg	J
	Total TIC, Volatile		7.6	ug/kg	J

(a) Confirmation run for surrogate recoveries.

(b) Outside control limits due to matrix interference.

(c) Outside control limits due to matrix interference, confirmed by reanalysis.

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	ROLL-OFF #4 C&D	Date Sampled:	11/03/16
Lab Sample ID:	JC31099-1	Date Received:	11/04/16
Matrix:	SO - Solid	Percent Solids:	93.5
Method:	SW846 8270D SW846 3546		
Project:	AGMNYF: 61 Gates Avenue, Geneva, NY		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	P108736.D	1	11/07/16	RL	11/06/16	OP98348	EP4824
Run #2							

Run #	Initial Weight	Final Volume
Run #1	30.6 g	1.0 ml
Run #2		

ABN TCL List (SOM0 2.0)

CAS No.	Compound	Result	RL	MDL	Units	Q
95-57-8	2-Chlorophenol	ND	70	17	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	170	21	ug/kg	
120-83-2	2,4-Dichlorophenol	ND	170	30	ug/kg	
105-67-9	2,4-Dimethylphenol	ND	170	62	ug/kg	
51-28-5	2,4-Dinitrophenol	ND	170	130	ug/kg	
534-52-1	4,6-Dinitro-o-cresol	ND	170	37	ug/kg	
95-48-7	2-Methylphenol	ND	70	22	ug/kg	
	3&4-Methylphenol	ND	70	29	ug/kg	
88-75-5	2-Nitrophenol	ND	170	23	ug/kg	
100-02-7	4-Nitrophenol	ND	350	93	ug/kg	
87-86-5	Pentachlorophenol	ND	140	33	ug/kg	
108-95-2	Phenol	ND	70	18	ug/kg	
58-90-2	2,3,4,6-Tetrachlorophenol	ND	170	23	ug/kg	
95-95-4	2,4,5-Trichlorophenol	ND	170	26	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND	170	21	ug/kg	
83-32-9	Acenaphthene	ND	35	12	ug/kg	
208-96-8	Acenaphthylene	ND	35	18	ug/kg	
98-86-2	Acetophenone	23.2	170	7.5	ug/kg	J
120-12-7	Anthracene	ND	35	21	ug/kg	
1912-24-9	Atrazine	ND	70	15	ug/kg	
56-55-3	Benzo(a)anthracene	16.7	35	9.9	ug/kg	J
50-32-8	Benzo(a)pyrene	ND	35	16	ug/kg	
205-99-2	Benzo(b)fluoranthene	20.9	35	15	ug/kg	J
191-24-2	Benzo(g,h,i)perylene	ND	35	17	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	35	16	ug/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	70	13	ug/kg	
85-68-7	Butyl benzyl phthalate	ND	70	8.5	ug/kg	
92-52-4	1,1'-Biphenyl	ND	70	4.8	ug/kg	
100-52-7	Benzaldehyde	109	170	8.7	ug/kg	J
91-58-7	2-Chloronaphthalene	ND	70	8.3	ug/kg	
106-47-8	4-Chloroaniline	ND	170	13	ug/kg	
86-74-8	Carbazole	ND	70	5.1	ug/kg	

ND = Not detected MDL = Method Detection Limit

J = Indicates an estimated value

RL = Reporting Limit

B = Indicates analyte found in associated method blank

E = Indicates value exceeds calibration range

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	ROLL-OFF #4 C&D	Date Sampled:	11/03/16
Lab Sample ID:	JC31099-1	Date Received:	11/04/16
Matrix:	SO - Solid	Percent Solids:	93.5
Method:	SW846 8270D SW846 3546		
Project:	AGMNYF: 61 Gates Avenue, Geneva, NY		

ABN TCL List (SOM0 2.0)

CAS No.	Compound	Result	RL	MDL	Units	Q
105-60-2	Caprolactam	ND	70	14	ug/kg	
218-01-9	Chrysene	19.6	35	11	ug/kg	J
111-91-1	bis(2-Chloroethoxy)methane	ND	70	7.5	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	70	15	ug/kg	
108-60-1	bis(2-Chloroisopropyl)ether	ND	70	13	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	70	11	ug/kg	
121-14-2	2,4-Dinitrotoluene	ND	35	11	ug/kg	
606-20-2	2,6-Dinitrotoluene	ND	35	18	ug/kg	
91-94-1	3,3'-Dichlorobenzidine	ND	70	29	ug/kg	
123-91-1	1,4-Dioxane	ND	35	23	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	35	15	ug/kg	
132-64-9	Dibenzofuran	ND	70	14	ug/kg	
84-74-2	Di-n-butyl phthalate	ND	70	5.7	ug/kg	
117-84-0	Di-n-octyl phthalate	ND	70	8.7	ug/kg	
84-66-2	Diethyl phthalate	ND	70	7.4	ug/kg	
131-11-3	Dimethyl phthalate	ND	70	6.2	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	70	8.2	ug/kg	
206-44-0	Fluoranthene	27.6	35	16	ug/kg	J
86-73-7	Fluorene	ND	35	16	ug/kg	
118-74-1	Hexachlorobenzene	ND	70	8.8	ug/kg	
87-68-3	Hexachlorobutadiene	ND	35	14	ug/kg	
77-47-4	Hexachlorocyclopentadiene	ND	350	14	ug/kg	
67-72-1	Hexachloroethane	ND	170	17	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	35	16	ug/kg	
78-59-1	Isophorone	ND	70	7.5	ug/kg	
91-57-6	2-Methylnaphthalene	ND	70	7.9	ug/kg	
88-74-4	2-Nitroaniline	ND	170	8.2	ug/kg	
99-09-2	3-Nitroaniline	ND	170	8.7	ug/kg	
100-01-6	4-Nitroaniline	ND	170	9.1	ug/kg	
91-20-3	Naphthalene	ND	35	9.9	ug/kg	
98-95-3	Nitrobenzene	ND	70	13	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	70	10	ug/kg	
86-30-6	N-Nitrosodiphenylamine	ND	170	13	ug/kg	
85-01-8	Phenanthrene	31.0	35	12	ug/kg	J
129-00-0	Pyrene	26.7	35	11	ug/kg	J
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	170	8.9	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	62%		30-106%

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	ROLL-OFF #4 C&D	Date Sampled:	11/03/16
Lab Sample ID:	JC31099-1	Date Received:	11/04/16
Matrix:	SO - Solid	Percent Solids:	93.5
Method:	SW846 8270D SW846 3546		
Project:	AGMNYF: 61 Gates Avenue, Geneva, NY		

ABN TCL List (SOM0 2.0)

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-62-2	Phenol-d5	78%		30-106%
118-79-6	2,4,6-Tribromophenol	44%		24-140%
4165-60-0	Nitrobenzene-d5	75%		26-122%
321-60-8	2-Fluorobiphenyl	87%		36-112%
1718-51-0	Terphenyl-d14	98%		36-132%

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
	system artifact	2.05	410	ug/kg	J
	system artifact	2.50	770	ug/kg	J
	system artifact	3.33	350	ug/kg	J
	system artifact	3.65	240	ug/kg	J
	system artifact/aldol-condensation	3.72	11000	ug/kg	J
	unknown	5.01	180	ug/kg	J
	unknown	5.03	230	ug/kg	J
	unknown	9.91	330	ug/kg	J
	unknown	9.97	180	ug/kg	J
	unknown	19.98	150	ug/kg	J
	Total TIC, Semi-Volatile		1070	ug/kg	J

ND = Not detected MDL = Method Detection Limit

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B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	ROLL-OFF #4 C&D	Date Sampled:	11/03/16
Lab Sample ID:	JC31099-1	Date Received:	11/04/16
Matrix:	SO - Solid	Percent Solids:	93.5
Method:	SW846 8151 SW846 8151/3550C		
Project:	AGMNYF: 61 Gates Avenue, Geneva, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	OA121090.D	2	11/09/16	VDT	11/07/16	OP98359	GOA4162
Run #2							

	Initial Weight	Final Volume
Run #1	15.5 g	5.0 ml
Run #2		

Herbicide List

CAS No.	Compound	Result	RL	MDL	Units	Q
94-75-7	2,4-D	ND	35	15	ug/kg	
93-72-1	2,4,5-TP (Silvex)	ND	6.9	2.5	ug/kg	
93-76-5	2,4,5-T	ND	6.9	2.7	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
19719-28-9	2,4-DCAA	31%		10-156%
19719-28-9	2,4-DCAA	16%		10-156%

ND = Not detected MDL = Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	ROLL-OFF #4 C&D	Date Sampled:	11/03/16
Lab Sample ID:	JC31099-1	Date Received:	11/04/16
Matrix:	SO - Solid	Percent Solids:	93.5
Method:	SW846 8081B SW846 3546		
Project:	AGMNYF: 61 Gates Avenue, Geneva, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	4G74701.D	1	11/09/16	KD	11/06/16	OP98353	G4G1946
Run #2							

	Initial Weight	Final Volume
Run #1	17.0 g	10.0 ml
Run #2		

Pesticide TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
309-00-2	Aldrin	ND	0.63	0.30	ug/kg	
319-84-6	alpha-BHC	ND	0.63	0.34	ug/kg	
319-85-7	beta-BHC	ND	0.63	0.40	ug/kg	
319-86-8	delta-BHC	ND	0.63	0.28	ug/kg	
58-89-9	gamma-BHC (Lindane)	ND	0.63	0.28	ug/kg	
5103-71-9	alpha-Chlordane	ND	0.63	0.30	ug/kg	
5103-74-2	gamma-Chlordane	ND	0.63	0.28	ug/kg	
60-57-1	Dieldrin	ND	0.63	0.31	ug/kg	
72-54-8	4,4' -DDD	ND	0.63	0.40	ug/kg	
72-55-9	4,4' -DDE	ND	0.63	0.33	ug/kg	
50-29-3	4,4' -DDT	ND	0.63	0.37	ug/kg	
72-20-8	Endrin	ND	0.63	0.30	ug/kg	
1031-07-8	Endosulfan sulfate	ND	0.63	0.25	ug/kg	
7421-93-4	Endrin aldehyde	ND	0.63	0.37	ug/kg	
959-98-8	Endosulfan-I	ND	0.63	0.33	ug/kg	
33213-65-9	Endosulfan-II	ND	0.63	0.33	ug/kg	
76-44-8	Heptachlor	ND	0.63	0.31	ug/kg	
1024-57-3	Heptachlor epoxide	ND	0.63	0.34	ug/kg	
72-43-5	Methoxychlor	ND	1.3	0.31	ug/kg	
53494-70-5	Endrin ketone	ND	0.63	0.49	ug/kg	
8001-35-2	Toxaphene	ND	16	6.5	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	85%		24-136%
877-09-8	Tetrachloro-m-xylene	77%		24-136%
2051-24-3	Decachlorobiphenyl	49%		10-153%
2051-24-3	Decachlorobiphenyl	93%		10-153%

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	ROLL-OFF #4 C&D	Date Sampled:	11/03/16
Lab Sample ID:	JC31099-1	Date Received:	11/04/16
Matrix:	SO - Solid	Percent Solids:	93.5
Method:	SW846 8082A SW846 3546		
Project:	AGMNYF: 61 Gates Avenue, Geneva, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	EF163396.D	1	11/08/16	HB	11/06/16	OP98352	GEF5800
Run #2							

	Initial Weight	Final Volume
Run #1	17.0 g	10.0 ml
Run #2		

PCB List

CAS No.	Compound	Result	RL	MDL	Units	Q
12674-11-2	Aroclor 1016	ND	31	16	ug/kg	
11104-28-2	Aroclor 1221	ND	31	15	ug/kg	
11141-16-5	Aroclor 1232	ND	31	12	ug/kg	
53469-21-9	Aroclor 1242	ND	31	11	ug/kg	
12672-29-6	Aroclor 1248	ND	31	20	ug/kg	
11097-69-1	Aroclor 1254	ND	31	16	ug/kg	
11096-82-5	Aroclor 1260	ND	31	13	ug/kg	
11100-14-4	Aroclor 1268	ND	31	11	ug/kg	
37324-23-5	Aroclor 1262	ND	31	21	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	87%		20-152%
877-09-8	Tetrachloro-m-xylene	102%		20-152%
2051-24-3	Decachlorobiphenyl	92%		12-157%
2051-24-3	Decachlorobiphenyl	93%		12-157%

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: ROLL-OFF #4 C&D

Lab Sample ID: JC31099-1

Matrix: SO - Solid

Date Sampled: 11/03/16

Date Received: 11/04/16

Percent Solids: 93.5

Project: AGMNYF: 61 Gates Avenue, Geneva, NY

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed By	Method	Prep Method
Aluminum	5640	51	mg/kg	1	11/06/16	11/07/16 KS	SW846 6010C ²	SW846 3050B ⁴
Antimony	< 2.1	2.1	mg/kg	1	11/06/16	11/07/16 KS	SW846 6010C ²	SW846 3050B ⁴
Arsenic	4.0	2.1	mg/kg	1	11/06/16	11/07/16 KS	SW846 6010C ²	SW846 3050B ⁴
Barium	104	21	mg/kg	1	11/06/16	11/07/16 KS	SW846 6010C ²	SW846 3050B ⁴
Beryllium	0.59	0.21	mg/kg	1	11/06/16	11/07/16 KS	SW846 6010C ²	SW846 3050B ⁴
Cadmium	< 0.51	0.51	mg/kg	1	11/06/16	11/07/16 KS	SW846 6010C ²	SW846 3050B ⁴
Calcium	220000	5100	mg/kg	10	11/06/16	11/08/16 DE	SW846 6010C ³	SW846 3050B ⁴
Chromium	16.6	1.0	mg/kg	1	11/06/16	11/07/16 KS	SW846 6010C ²	SW846 3050B ⁴
Cobalt ^a	< 26	26	mg/kg	5	11/06/16	11/08/16 DE	SW846 6010C ³	SW846 3050B ⁴
Copper	26.6	2.6	mg/kg	1	11/06/16	11/07/16 KS	SW846 6010C ²	SW846 3050B ⁴
Iron	11400	51	mg/kg	1	11/06/16	11/07/16 KS	SW846 6010C ²	SW846 3050B ⁴
Lead ^a	27.1	10	mg/kg	5	11/06/16	11/08/16 DE	SW846 6010C ³	SW846 3050B ⁴
Magnesium	18400	510	mg/kg	1	11/06/16	11/07/16 KS	SW846 6010C ²	SW846 3050B ⁴
Manganese	734	1.5	mg/kg	1	11/06/16	11/07/16 KS	SW846 6010C ²	SW846 3050B ⁴
Mercury	< 0.034	0.034	mg/kg	1	11/07/16	11/07/16 JPM	SW846 7471B ¹	SW846 7471B ⁵
Nickel ^a	< 21	21	mg/kg	5	11/06/16	11/08/16 DE	SW846 6010C ³	SW846 3050B ⁴
Potassium	1660	1000	mg/kg	1	11/06/16	11/07/16 KS	SW846 6010C ²	SW846 3050B ⁴
Selenium	< 2.1	2.1	mg/kg	1	11/06/16	11/07/16 KS	SW846 6010C ²	SW846 3050B ⁴
Silver ^b	< 2.6	2.6	mg/kg	5	11/06/16	11/08/16 DE	SW846 6010C ³	SW846 3050B ⁴
Sodium	< 1000	1000	mg/kg	1	11/06/16	11/07/16 KS	SW846 6010C ²	SW846 3050B ⁴
Thallium ^a	< 5.1	5.1	mg/kg	5	11/06/16	11/08/16 DE	SW846 6010C ³	SW846 3050B ⁴
Vanadium	13.2	5.1	mg/kg	1	11/06/16	11/07/16 KS	SW846 6010C ²	SW846 3050B ⁴
Zinc	78.5	5.1	mg/kg	1	11/06/16	11/07/16 KS	SW846 6010C ²	SW846 3050B ⁴

(1) Instrument QC Batch: MA40713

(2) Instrument QC Batch: MA40717

(3) Instrument QC Batch: MA40724

(4) Prep QC Batch: MP97005

(5) Prep QC Batch: MP97017

(a) Elevated detection limit due to dilution required for matrix interference (indicated by failing internal standard on original analysis).

(b) Elevated detection limit due to dilution required for high interfering element.

RL = Reporting Limit

Report of Analysis

Client Sample ID:	ROLL-OFF #4 C&D	Date Sampled:	11/03/16
Lab Sample ID:	JC31099-1	Date Received:	11/04/16
Matrix:	SO - Solid	Percent Solids:	93.5
Project:	AGMNYF: 61 Gates Avenue, Geneva, NY		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Corrosivity as pH	11.86 NC		su	1	11/09/16 17:52	PO	SW846 9045D
Cyanide	< 0.23	0.23	mg/kg	1	11/08/16 12:36	BM	SW846 9012B/LACHAT
Cyanide Reactivity	< 11	11	mg/kg	1	11/08/16 13:31	BM	SW846 CHAP7/9012 B
Ignitability (Flashpoint)	> 200		Deg. F	1	11/08/16 22:30	CB	SW846 1010A/ASTM D93
Solids, Percent	93.5		%	1	11/05/16 17:15	KP	SM2540 G-97
Sulfide Reactivity	< 110	110	mg/kg	1	11/08/16 12:00	MP	SW846 CHAP7/9034

RL = Reporting Limit

Misc. Forms

Custody Documents and Other Forms

Includes the following where applicable:

- Certification Exceptions
- Chain of Custody

Parameter Certification Exceptions

Job Number: JC31099
Account: UNIVAR Univar
Project: AGMNYF: 61 Gates Avenue, Geneva, NY

The following parameters included in this report are exceptions to NELAC certification.
The certification status of each is indicated below.

Parameter	CAS#	Method	Mat	Certification Status
Cyanide Reactivity		SW846 CHAP7/9012 B	SO	Accutest is not certified for this parameter. ^a
Sulfide Reactivity		SW846 CHAP7/9034	SO	Accutest is not certified for this parameter. ^a

(a) Reactivity analyzed following SW846 Chapter 7 is no longer recognized by regulatory agencies. Use of results should be verified through the program to which the data is being submitted.

Certification exceptions shown are based on the New Jersey DEP certifications. Applicability in other states may vary. Please contact your laboratory representative if additional information is required for a specific regulatory program.

SGS

ACCUTEST

CHAIN OF CUSTODY

SGS Accutest - Dayton
2235 Route 130, Dayton, NJ 08810
TEL: 732-329-0200 FAX: 732-329-3499/3480
www.accutest.com

PAGE OF

FED-EX Tracking # 7776 3332 0752	Bottle Order Control #
SGS Accutest Quote #	SGS Accutest Job # JC31099

Client / Reporting Information		Project Information		Requested Analysis (see TEST CODE sheet)												Matrix Codes					
Company Name Arcadis		Project Name Univar Geneva		XTCLD0+ RCACCLASS HB151STD TCLP FULL (HOLD) DW - Drinking Water GW - Ground Water WW - Wastewater SW - Surface Water SO - Soil SL - Sludge SED - Sediment LIQ - Other Liquid AIR - Air SOL - Other Solid WP - Wipe FB - Field Blank RB - Rinse Blank TB - Trip Blank												LAB USE ONLY D17 HST1					
Street Address 1 Executive Drive, Suite 303		Street 61 Gates Ave																			
City State Zip Chelmsford, MA 01824		City State Geneva NY 14456																			
Project Contact Purvee Mittal Purvee.mittal@arcadis.com		Billing Information (if different from Report to) Company Name Univar																			
Phone # 978-322-4536		Project # NP009013.2018		Street Address 9370 Pratolino Drive																	
E-mail Purvee.mittal@arcadis.com		Client Purchase Order #		City State Zip Dublin OH 43016																	
Sampler(s) Name(s) Daniel Zuck		Project Manager Purvee Mittal		Attention: Jack Spicuzza																	
Field ID / Point of Collection Roll-Off #4 C&D		MEOH/DI Val #		Collection Date 11/3/16		Time 1405		Sampled by D Zuck		Matrix SO		# of bottles 15 + Bag		Number of preserved bottles HCL HNO3 H2O2 H2SO4 NONE DI Water MESH BACORE							
Turnaround Time (Business days)		Data Deliverable Information		Comments / Special Instructions																	
☐ Std. 10 Business Days ☒ 5 Day RUSH ☐ 3 Day RUSH ☐ 2 Day RUSH ☐ 1 Day RUSH ☐ other		Approved By (SGS Accutest PM): / Date: INITIAL ASSESSMENT LABEL VERIFICATION		☒ Commercial "A" (Level 1) ☐ Commercial "B" (Level 2) ☐ FULLT1 (Level 3+4) ☐ NJ Reduced ☐ Commercial "C" ☐ NJ Data of Known Quality Protocol Reporting		☐ NYASP Category A ☐ NYASP Category B ☐ State Forms ☐ EDD Format ☐ Other		Please hold TCLP analysis pending results from Totals Analysis Samples w/ll need to be Crushed + Sampled By Lab ACCUTEST SYRACUSE-SC Sample inventory is verified upon receipt in the Laboratory													
Emergency & Rush TIA data available VIA Lablink		NJ Reduced = Results + QC Summary + Partial Raw data																			
Relinquished by Sampler: 1 Daniel Zuck		Date/Time: 11/3/16 1545		Received By: [Signature]		Relinquished By: [Signature]		Date/Time: 11/4/16 0930		Received By: [Signature]		Relinquished By: [Signature]		Date/Time: 11/4/16 0930		Received By: [Signature]					
Relinquished by Sampler: 3 [Signature]		Date/Time: 11/4/16 0930		Received By: [Signature]		Relinquished By: [Signature]		Date/Time: 11/4/16 0930		Received By: [Signature]		Relinquished By: [Signature]		Date/Time: 11/4/16 0930		Received By: [Signature]					
Relinquished by Sampler: 5 [Signature]		Date/Time: 11/4/16 0930		Received By: [Signature]		Relinquished By: [Signature]		Date/Time: 11/4/16 0930		Received By: [Signature]		Relinquished By: [Signature]		Date/Time: 11/4/16 0930		Received By: [Signature]					
Custody Seal		Intact		Not Intact		Preserved where applicable		On Ice		Cooler Temp. 1.8 C											

JC31099: Chain of Custody

Page 1 of 3

SGS Accutest Sample Receipt Summary

Job Number: JC31099

Client: Arcadis

Project: Univar Geneva

Date / Time Received: 11/4/2016 9:30:00 AM

Delivery Method: FedEx

Airbill #s: 777633320752

Cooler Temps (Raw Measured) °C: Cooler 1: (1.8);

Cooler Temps (Corrected) °C: Cooler 1: (2.7);

Cooler Security
Y or N

1. Custody Seals Present: ☒ ☐

2. Custody Seals Intact: ☒ ☐

3. COC Present: ☒ ☐

4. Smpl Dates/Time OK ☒ ☐
Cooler Temperature
Y or N

1. Temp criteria achieved: ☒ ☐

2. Cooler temp verification: IR Gun

3. Cooler media: Ice (Bag)

4. No. Coolers: 1

Quality Control Preservation
Y or N
N/A

1. Trip Blank present / cooler: ☐ ☐ ☒

2. Trip Blank listed on COC: ☐ ☐ ☒

3. Samples preserved properly: ☒ ☐ ☐

4. VOCs headspace free: ☐ ☐ ☒
Sample Integrity - Documentation
Y or N

1. Sample labels present on bottles: ☒ ☐

2. Container labeling complete: ☒ ☐

3. Sample container label / COC agree: ☒ ☐
Sample Integrity - Condition
Y or N

1. Sample recvd within HT: ☒ ☐

2. All containers accounted for: ☒ ☐

3. Condition of sample: Intact

Sample Integrity - Instructions
Y or N N/A

1. Analysis requested is clear: ☐ ☒

2. Bottles received for unspecified tests: ☐ ☒

3. Sufficient volume recvd for analysis: ☒ ☐

4. Compositing instructions clear: ☐ ☐ ☒

5. Filtering instructions clear: ☐ ☐ ☒
Comments

1) Rec'd 5x 16oz jars of concrete which require CRUSH, 10 x 60ml jars which don't require CRUSH and a bag containing a 6.5lb solid piece of concrete. Please verify client needs.

JC31099: Chain of Custody

Page 2 of 3

SGS Accutest Sample - Problem Resolution

Accutest Job Number: JC31099

CSR: Daniel Axelrod

Response Date 11/7/2016

Response: 1. Please crush concrete in 16oz jars for Herbicides, RCRACLAS, and XTCL minus TCL VOC. 60ml Jars are for TCL VOC and TCLP VOC. Please prep 60ml jars as needed for VTCL reserve the rest of 60ml jars for TCLP VOC. Place bag containing solid concrete on HOLD incase of limited volume.

4.2
4

JC31099: Chain of Custody
Page 3 of 3

APPENDIX C

Waste Profiles





FOR STATE USE ONLY		
SITE NO.	APPLICATION NO. #6781	DATE RECEIVED
DEPARTMENT ACTION ☐ Approved ☐ Disapproved		DATE

SPECIAL WASTE CHARACTERIZATION PROFILE

Disposal Facility Location (Choose All That Apply) - Casella reserves the right to make changes to this section based upon review

Hyland Landfill 6653 Herdman Road Angelica, NY 14709 Ph: 585.466.7271 Fax: 585.466.3206 ☐	Chemung Cty LF 1488 Cty Rte. 60 Lowman, NY 14861 Ph: 607.737.2980 Fax: 607.737.2967 ☐	Ontario Cty LF 1879 Rt. 5&20 Stanley, NY 14561 Ph: 585.526.4420 Fax: 585.526.5459 ☒	Clinton Cty LF 286 Sand Road Morrisonville, NY 12962 Tel: 518.563.5514 Fax: 518.563.5598 ☐	Waste USA LF 21 Landfill Lane Coventry, VT 05825 Tel: 802.334.5796 Fax: 802.334.2476 ☐	NCES Landfill 581 Trudeau Road Bethlehem, NH 03574 Tel: 603.869.3366 Fax: 603.869.2152 ☐
--	--	---	---	---	---

Disposal Option - Casella reserves the right to make changes to this section based upon review

Waste Profile is destined for: ☒ Disposal as waste ☐ BUD: _____ ☐ Other (describe) _____
Drill Cuttings Only: ☐ Raw Cuttings for Solidification ☐ Bulk Cuttings For Disposal **MUST CHECK ONE:** ☐ Air/Water ☐ Oil-based

Waste Characterization Data :

1) Generator of Waste Univar USA	Address of Facility Generating Waste (Street, City, State, Zip) 61 Gates Ave. Geneva, NY 14456		County of Origin Ontario
2) Generator's Representative (must match signature on pg 2) Jeffery Rowe	Mailing Address of Representative (if different from above) Same as above	Telephone No. 315.789.3054	Fax No. and Email Address 315.781.0825 jeffery.rowe@univar.com
3) Bill To Customer: Univar USA	Bill To Address 61 Gates Ave. Geneva, NY 14456	Telephone No. 315.789.3054	Fax No. and Email Address 315.781.0825 jeffery.rowe@univar.com
4) Description of Facility (i.e Residential, Commercial, Manufacturing, WWTP) and Description of Process generating waste: The facility stores mixes and packages chemicals for distribution. The waste is being generated from excess soil removal for development purposes.			
5) Description of waste (debris-containing, composition, uniform or mixture, etc.) Soil and gravel contaminated with low levels of VOCs, SVOCs, pesticides and metals from historic processes. The waste has a small ratio of concrete as well .			
6) Is Waste Considered Hazardous by Federal or State Hazardous Waste Regulations? ☐ Yes ☒ No			
7) Expected <u>Annual</u> Amount of Waste To Be Delivered _____ tons/year 80 _____ cubic yards/year		Approximate Density of Waste 3,000 _____ pounds/cubic yard	
8) Expected Frequency of Delivery x _____ one-time _____ daily _____ weekly _____ monthly _____ other (specify, if known)			
9) Hauler Name Page Transportation, Inc.	Address 2758 Trombley Rd. Weedsport, NY 13166	Transporter Permit No. 7A-296 EPA Exp. Date: 4/30/17	Telephone No. 315.834.6681

Waste Characterization Data (Cont'd)

10) Method of Delivery. If other, specify.

X _____ roll-off _____ packer truck _____ tractor trailer _____ other

11) Previous Disposal Location

N/A

Address

Phone

Contact Person

12) Is the waste classified as a "listed" or "characteristic" hazardous waste as defined by USEPA, or State of origin, or State where disposed? (If yes, explain.)

No

13) Describe all hazardous or nuisance properties associated with the waste (i.e. odors, dust, size).

See analytical

14) Does the waste require any special handling or disposal procedures? If so, explain.

No

15) Analytical Data Submitted (TCLP/Other).

Total analysis of VOCs, SVOCs, PCBs, Metals, and Pesticides/Herbicides; & Flashpoint, pH, % solid and reactivity

Type of Samples (indicate # of each type in space provided)

_____ grab 3 _____ composite _____ borings

Site plan must be provided if test pit/boring data is provided

Casella requires, at a minimum, the submittal of full TCLP (Metals-RCRA 8, VOC, SVOC, PCBs, Pesticides/Herbicides), pH, Reactivity, Ignitability, and % solids testing results for any special waste submitted for landfill acceptance unless the applicant can provide an acceptable justification for submittal of less comprehensive data. The generator is responsible for proper waste characterization.

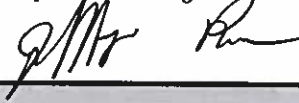
16) Justification for not submitting full TCLP data.

Sample ID Rolloff #1 indicates all total analysis detections are below calculated (20 times TCLP) TCLP Thresholds. Sample ID Rolloff #2 and Rolloff #3 showed totals analysis were below calculated TCLP Thresholds except Lead. TCLP analysis of metals on for Rolloff #2 and Rolloff #3 were performed.

GENERATOR CERTIFICATION

I hereby certify that (1) I am the authorized representative of the generator; (2) all information submitted on this form and on supplemental materials is complete and accurate to the best of my knowledge and ability to determine; (3) the information provided herein, including any supplemental information, such as laboratory analytical, MSDS, etc., accurately describes the waste stream to be delivered to the facility and that all known or suspected hazards have been disclosed; (4) Casella can contact the laboratory directly to discuss our attached waste stream. I understand that, once the waste stream is approved by Casella based on this information, any deviation in the source, composition, constituents or characteristics of the waste stream from the information described herein, may render the waste stream unacceptable for disposal, at the sole discretion of Casella. I further understand that any deviation from the information contained herein will require immediate notification to the disposal facility and cessation of disposal.

Generator or Authorized Representative - Signature:



Print name:

Jeffery Rowe

Print Title/Company:

Branch Operations Manager/
Univar USA

Date:

11-10-16

UNIVAR USA INC. - PROJECT WASTE LOG AND DRUM INVENTORY

ENVIRONMENTAL AFFAIRS DEPARTMENT

To be filled out by consultant within 48 hours of waste generation and forwarded to Univar Project Manager. PLEASE SUBMIT ONE FORM FOR EACH TYPE OF WASTE.

Part 1 General Information

Univar Project Site: GENEVA, NY YARD

Site Address: 61 GATES AVE, GENEVA, NY 14456

Generation Date: 9-20-16 ~~9-20-16~~

Number and Type/Size of Drums/Containers Generated (e.g., 4 soil drums 55g):

1 - 20' C/D ROLL OFF CONTAINER

Consultant's Company & Contact Name: ARCADIS PURVEE MITTAL

Consultant's Telephone Number: 978-322-4536

Process Generating Waste: EXCAVATION FOR INSTALLATION OF TRUCK SCALE AND CANOPY

Label Date and Type: ON HOLD PENDING ANALYSIS DATE 9/20/16

Location of Containers or Waste: YARD

Physical Characteristics of Waste Stream (complete all applicable information):

Color(s): TAN/BROWN SOIL, CLAY, BRICK AND METAL DEBRIS, CRUSHED STONE, SAND, CONCRETE, ASH OR SLAG LAYER

Odor (via casual detection): X None Mild Strong

Phase/Layers: X Single Multiple (how many?)

Physical State: % Liquid 100 % Solid % Sludge % Other

(describe physical state) SOLID STATE

pH: PENDING ANALYSIS

What area(s) on the property was this waste generated from (e.g., former hazardous waste storage area)? If generated from an off-site property, list the property name(s) and addresses.

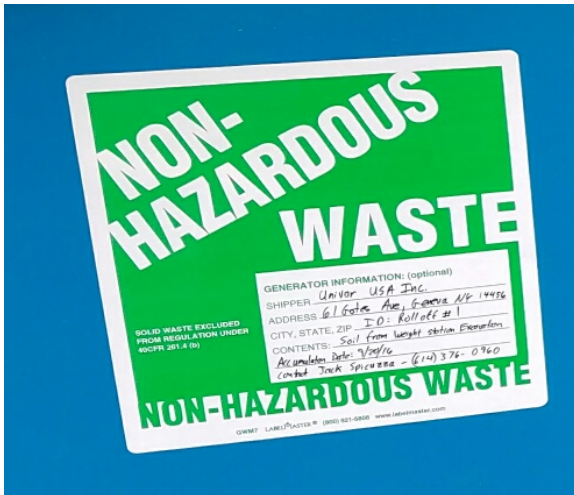
EXISTING GRAVEL ROAD (ACCESS ROAD), UNDER EXISTING CONCRETE SLAB FOR TANKER LOADOUT, AND ALONGSIDE EXISTING BUILDING AND CONTAINMENT AREA.

Comments:

Part II Drum Inventory

Container ID #	Sample Location (e.g., Well Number)	Waste Type (Soil, water, other)	Container Type and Volume (e.g., 55-gallon drum, ½ full)	Sample Information (number and type of samples taken, sample ID, etc.)	Analytical Status (lab performing analyses, date sent, date of expected results)
ROLL OFF - 1		SOIL	20 C/D CONTAINER	TRUCK TERRA CORES, CLEAN JARS - 7 ROLL OFF - 1 - 092116	RCRA CLASS 4 TCL 20, TCLP FULL

(continue on additional pages, as necessary)





NEWS NE / ONTARIO COUNTY LANDFILL
A Division of Casella Waste Systems
1879 NYS Route 5&20
Stanley, NY 14561

Ticket: 718765
Date: 12/5/2016
Time: 13:59:44 - 14:51:06

Customer: LE-00808/UNIVAR USA
Carrier: PAGE/PAGE
Truck: 3010
Truck Type: RO/ROLL OFF
Profile: 6781/UNIVAR USA
Generator: UNI/UNIVAR USA
Grid: P9/PHASE 9

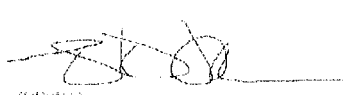
Comment: 6781

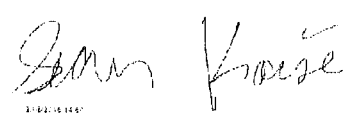
Gross: 92360 L In Scale 1
Tare: 48540 L Out Scale 2
Net: 43820 L
Tons: 21.91

Materials & Services

Origin: 00/ONTARIO
Material: IN/INDUSTRIAL WASTE
Quantity: 21.91 Ton
Rate: \$0.00/T
Amount: \$ 0.00

Total Taxes: \$ 0.00
Total Amount: \$ 0.00


Weighmaster: NANCY

Driver: 

By signing above, I declare that I did NOT
deposit any PROHIBITED WASTES

NON-HAZARDOUS SPECIAL WASTE MANIFEST

NOTE: GENERATOR MUST FILLS OUT THEIR SECTIONS COMPLETELY.
NO COPIED SIGNATURES ARE ACCEPTED

WASTE APPROVAL NUMBER: 6781

LANDFILL CUSTOMER (Billed to): UNIVAR **COUNTY OF ORIGIN:** Ontario

Section I. GENERATOR (Generator completes all of Section I.)

a. Generator Name: Univar

b. Address: 61 Gates Ave. Geneva, NY 14456

If Drill Cuttings:

Air/Water Based: _____

c. Phone Number: (315) 789-3054

Oil Based: _____

d. Description of Waste: Soil & gravel with low level of VOC's, SVOCs, pesticides and metals from historic processes. This waste contains a small ratio of concrete.

e. <u>Estimated Quantity</u>	<u>Units</u>	<u>Type</u>
20	CuYds Tons or CuYds	Dump Trailer: _____ Rolloff: <u>X</u> Wellsite: _____ Dump Truck: _____ Walking floor: _____ (if applicable)

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations.

Jeff Rowe
Generator / Authorized Agent Name

[Signature]
Signature

12-5-16
Shipment Date

Section II. TRANSPORTER (Generator completes a-c; Transporter completes d-g)

a. Name: _____ Page Transportation _____

e. Truck Number: 3010

b. Address: 2760 Trombley Rd. Weedsport, NY 13166

f. Vehicle License No./State: 23583PC NY

c. Phone Number: (315) 834-6681

Acknowledgement of Receipt of Materials.

d. Driver Name: Sean Kaiser
PRINT/TYPE

g. Sean Kaiser 12-5-16
Driver Signature Date

NY Part 364 No. 7A 296

Section III. DESTINATION (Generator completes a-d)

a. Site Name: Ontario County Landfill

c. Phone Number: (585) 526-4420

b. Physical Address: 1879 RT. 5&20 Stanley, NY 14561

d. Waste Approval Number: 6781

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Wendy Glick
Name of Authorized Agent

[Signature]
Signature

12/5/16
Date



FOR STATE USE ONLY		
SITE NO.	APPLICATION NO. #6781	DATE RECEIVED
DEPARTMENT ACTION ☐ Approved ☐ Disapproved		DATE

SPECIAL WASTE CHARACTERIZATION PROFILE

Disposal Facility Location (Choose All That Apply) - Casella reserves the right to make changes to this section based upon review

Hyland Landfill 6653 Herdman Road Angelica, NY 14709 Ph: 585.466.7271 Fax: 585.466.3206 ☐	Chemung Cty LF 1488 Cty Rte. 60 Lowman, NY 14861 Ph: 607.737.2980 Fax: 607.737.2967 ☐	Ontario Cty LF 1879 Rt. 5&20 Stanley, NY 14561 Ph: 585.526.4420 Fax: 585.526.5459 ☒	Clinton Cty LF 286 Sand Road Morrisonville, NY 12962 Tel: 518.563.5514 Fax: 518.563.5598 ☐	Waste USA LF 21 Landfill Lane Coventry, VT 05825 Tel: 802.334.5796 Fax: 802.334.2476 ☐	NCES Landfill 581 Trudeau Road Bethlehem, NH 03574 Tel: 603.869.3366 Fax: 603.869.2152 ☐
--	--	---	---	---	---

Disposal Option - Casella reserves the right to make changes to this section based upon review

Waste Profile is destined for: ☒ Disposal as waste ☐ BUD: _____ ☐ Other (describe) _____
Drill Cuttings Only: ☐ Raw Cuttings for Solidification ☐ Bulk Cuttings For Disposal **MUST CHECK ONE:** ☐ Air/Water ☐ Oil-based

Waste Characterization Data :

1) Generator of Waste Univar USA	Address of Facility Generating Waste (Street, City, State, Zip) 61 Gates Ave. Geneva, NY 14456		County of Origin Ontario
2) Generator's Representative (must match signature on pg 2) Jeffery Rowe	Mailing Address of Representative (if different from above) Same as above	Telephone No. 315.789.3054	Fax No. and Email Address 315.781.0825 jeffery.rowe@univar.com
3) Bill To Customer: Univar USA	Bill To Address 61 Gates Ave. Geneva, NY 14456	Telephone No. 315.789.3054	Fax No. and Email Address 315.781.0825 jeffery.rowe@univar.com
4) Description of Facility (i.e Residential, Commercial, Manufacturing, WWTP) and Description of Process generating waste: The facility stores mixes and packages chemicals for distribution. The waste is being generated from excess soil removal for development purposes.			
5) Description of waste (debris-containing, composition, uniform or mixture, etc.) Soil and gravel contaminated with low levels of VOCs, SVOCs, pesticides and metals from historic processes. The waste has a small ratio of concrete as well .			
6) Is Waste Considered Hazardous by Federal or State Hazardous Waste Regulations? ☐ Yes ☒ No			
7) Expected <u>Annual</u> Amount of Waste To Be Delivered _____ tons/year 80 _____ cubic yards/year		Approximate Density of Waste 3,000 _____ pounds/cubic yard	
8) Expected Frequency of Delivery x _____ one-time _____ daily _____ weekly _____ monthly _____ other (specify, if known)			
9) Hauler Name Page Transportation, Inc.	Address 2758 Trombley Rd. Weedsport, NY 13166	Transporter Permit No. 7A-296 EPA Exp. Date: 4/30/17	Telephone No. 315.834.6681

Waste Characterization Data (Cont'd)

10) Method of Delivery. If other, specify.

X _____ roll-off _____ packer truck _____ tractor trailer _____ other

11) Previous Disposal Location

N/A

Address

Phone

Contact Person

12) Is the waste classified as a "listed" or "characteristic" hazardous waste as defined by USEPA, or State of origin, or State where disposed? (If yes, explain.)

No

13) Describe all hazardous or nuisance properties associated with the waste (i.e. odors, dust, size).

See analytical

14) Does the waste require any special handling or disposal procedures? If so, explain.

No

15) Analytical Data Submitted (TCLP/Other).

Total analysis of VOCs, SVOCs, PCBs, Metals, and Pesticides/Herbicides; & Flashpoint, pH, % solid and reactivity

Type of Samples (indicate # of each type in space provided)

_____ grab 3 _____ composite _____ borings

Site plan must be provided if test pit/boring data is provided

Casella requires, at a minimum, the submittal of full TCLP (Metals-RCRA 8, VOC, SVOC, PCBs, Pesticides/Herbicides), pH, Reactivity, Ignitability, and % solids testing results for any special waste submitted for landfill acceptance unless the applicant can provide an acceptable justification for submittal of less comprehensive data. The generator is responsible for proper waste characterization.

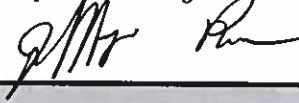
16) Justification for not submitting full TCLP data.

Sample ID Rolloff #1 indicates all total analysis detections are below calculated (20 times TCLP) TCLP Thresholds. Sample ID Rolloff #2 and Rolloff #3 showed totals analysis were below calculated TCLP Thresholds except Lead. TCLP analysis of metals on for Rolloff #2 and Rolloff #3 were performed.

GENERATOR CERTIFICATION

I hereby certify that (1) I am the authorized representative of the generator; (2) all information submitted on this form and on supplemental materials is complete and accurate to the best of my knowledge and ability to determine; (3) the information provided herein, including any supplemental information, such as laboratory analytical, MSDS, etc., accurately describes the waste stream to be delivered to the facility and that all known or suspected hazards have been disclosed; (4) Casella can contact the laboratory directly to discuss our attached waste stream. I understand that, once the waste stream is approved by Casella based on this information, any deviation in the source, composition, constituents or characteristics of the waste stream from the information described herein, may render the waste stream unacceptable for disposal, at the sole discretion of Casella. I further understand that any deviation from the information contained herein will require immediate notification to the disposal facility and cessation of disposal.

Generator or Authorized Representative - Signature:



Print name:

Jeffery Rowe

Print Title/Company:

Branch Operations Manager/
Univar USA

Date:

11-10-16

UNIVAR USA INC. - PROJECT WASTE LOG AND DRUM INVENTORY

ENVIRONMENTAL AFFAIRS DEPARTMENT

To be filled out by consultant within 48 hours of waste generation and forwarded to Univar Project Manager. PLEASE SUBMIT ONE FORM FOR EACH TYPE OF WASTE.

Part 1 General Information

Univar Project Site: GENEVA, NY YARD

Site Address: 61 GATES AVE, GENEVA, NY 14456

Generation Date: 9/20/16, 9/22/16

Number and Type/Size of Drums/Containers Generated (e.g., 4 soil drums 55g):

1 - 20 CYD ROLLOFF CONTAINER

Consultant's Company & Contact Name: ARCADIS PURVEE MITTAL

Consultant's Telephone Number: 978-322-4536

Process Generating Waste: EXCAVATION FOR INSTALLATION OF TRUCK SCALE AND CANOPY

Label Date and Type: ON HOLD PENDING ANALYSIS 9/20/16

Location of Containers or Waste: YARD

Physical Characteristics of Waste Stream (complete all applicable information):

Color(s): TAN/BROWN SOIL & CLAY, BRICK & METAL DEBRIS, CRUSHED STONE, SAND, CONCRETE, ASH OR SLAG, LIGNITE

Odor (via casual detection): ☒ None ☐ Mild ☐ Strong

Phase/Layers: ☒ Single ☐ Multiple (how many?)

Physical State: ☐ % Liquid 100 %Solid ☐ %Sludge ☐ %Other

(describe

physical state) SOLID STATE

pH:

What area(s) on the property was this waste generated from (e.g., former hazardous waste storage area)? If generated from an off-site property, list the property name(s) and addresses.

Comments:

Part II Drum Inventory

Container ID #	Sample Location (e.g., Well Number)	Waste Type (Soil, water, other)	Container Type and Volume (e.g., 55-gallon drum, ½ full)	Sample Information (number and type of samples taken, sample ID, etc.)	Analytical Status (lab performing analyses, date sent, date of expected results)
<u>ROLLOFF #2</u>		<u>SOIL</u>	<u>20 CYD CONTAINER</u>	<u>ROLLOFF-2 - C92116 TERRA CORE SAMPLES, CLEAN JARS (7 TOTAL)</u>	<u>XTL20 + RCRA CLASS TCLP FULL</u>

(continue on additional pages, as necessary)



NON-HAZARDOUS WASTE

GENERATOR INFORMATION: (optional)

SHIPPER Univar USA Inc.

ADDRESS 61 Gates Ave, Geneva NY 14456

CITY, STATE, ZIP FD: Roll off #2

CONTENTS: Soil from Weight Station Excavation

Accumulation Dates: 9/20/16 + 10/18/16

Contact: Jack Spicarella: (614)-376-0960

NON-HAZARDOUS WASTE

SOLID WASTE EXCLUDED FROM REGULATION UNDER 40CFR 261.4 (b)

GWM7 LABELMASTER® (800) 621-5808 www.labelmaster.com



NEWS NE / ONTARIO COUNTY LANDFILL
A Division of Casella Waste Systems
1879 NYS Route 5&20
Stanley, NY 14561

Ticket: 718929
Date: 12/6/2016
Time: 13:27:03 - 14:13:35
Customer: LE-00808/UNIVAR USA
Carrier: PAGE/PAGE
Truck: 5715
Truck Type: RO/ROLL OFF
Profile: 6781/UNIVAR USA
Generator: UNI/UNIVAR USA
Grid: P9/PHASE 9
Comment: 6781

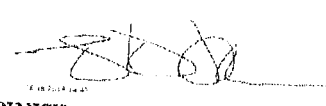
Gross: 99720 L In Scale 1
Tare: 46900 L Out Scale 2
Net: 52820 L

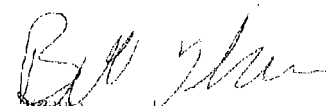
Tons: 26.41

Materials & Services

Origin: 00/ONTARIO
Material: IN/INDUSTRIAL WASTE
Quantity: 26.41 Ton
Rate: \$0.00/T
Amount: \$ 0.00

Total Taxes: \$ 0.00
Total Amount: \$ 0.00


Weighmaster: NANCY

Driver: 

By signing above, I declare that I did NOT
deposit any PROHIBITED WASTES

NON-HAZARDOUS SPECIAL WASTE MANIFEST

NOTE: GENERATOR MUST FILLS OUT THEIR SECTIONS COMPLETELY.
NO COPIED SIGNATURES ARE ACCEPTED

WASTE APPROVAL NUMBER: 6781

LANDFILL CUSTOMER (Billed to): UNIVAR **COUNTY OF ORIGIN:** Ontario

Section I. GENERATOR (Generator completes all of Section I.)

a. Generator Name: Univar

b. Address: 61 Gates Ave. Geneva, NY 14456

If Drill Cuttings:

Air/Water Based: _____

c. Phone Number: (315) 789-3054

Oil Based: _____

d. Description of Waste: Soil & gravel with low level of VOC's, SVOCs, pesticides and metals from historic processes. This waste contains a small ratio of concrete.

<u>Estimated Quantity</u>	<u>Units</u>	<u>Type</u>
<u>20</u>	<u>CuYds</u> <u>Tons</u> or <u>CuYds</u>	Dump Trailer: _____ Rolloff: <u>X</u> Wellsite: _____ Dump Truck: _____ Walking floor: _____ (if applicable)

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations.

Jeff Rowe
Generator / Authorized Agent Name

Jeff Rowe
Signature

12-6-2016
Shipment Date

Section II. TRANSPORTER (Generator completes a-c; Transporter completes d-g)

a. Name: _____ Page Transportation _____

e. Truck Number: 5715

b. Address: 2760 Trombley Rd. Weedsport, NY 13166

f. Vehicle License No./State: 47724 PC NY

c. Phone Number: (315) 834-6681

Acknowledgement of Receipt of Materials.

d. Driver Name: William Thomas
PRINT/TYPE

g. William Thomas
Driver Signature Date

NY Part 364 No. 7A-296

Section III. DESTINATION (Generator completes a-d)

a. Site Name: Ontario County Landfill

c. Phone Number: (585) 526-4420

b. Physical Address: 1879 RT. 5&20 Stanley, NY 14561

d. Waste Approval Number: 6781

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

William Thomas
Name of Authorized Agent

William Thomas
Signature

12/6/16
Date



FOR STATE USE ONLY		
SITE NO.	APPLICATION NO. #6781	DATE RECEIVED
DEPARTMENT ACTION ☐ Approved ☐ Disapproved		DATE

SPECIAL WASTE CHARACTERIZATION PROFILE

Disposal Facility Location (Choose All That Apply) - Casella reserves the right to make changes to this section based upon review

Hyland Landfill 6653 Herdman Road Angelica, NY 14709 Ph: 585.466.7271 Fax: 585.466.3206 ☐	Chemung Cty LF 1488 Cty Rte. 60 Lowman, NY 14861 Ph: 607.737.2980 Fax: 607.737.2967 ☐	Ontario Cty LF 1879 Rt. 5&20 Stanley, NY 14561 Ph: 585.526.4420 Fax: 585.526.5459 ☒	Clinton Cty LF 286 Sand Road Morrisonville, NY 12962 Tel: 518.563.5514 Fax: 518.563.5598 ☐	Waste USA LF 21 Landfill Lane Coventry, VT 05825 Tel: 802.334.5796 Fax: 802.334.2476 ☐	NCES Landfill 581 Trudeau Road Bethlehem, NH 03574 Tel: 603.869.3366 Fax: 603.869.2152 ☐
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Disposal Option - Casella reserves the right to make changes to this section based upon review

Waste Profile is destined for: ☒ Disposal as waste ☐ BUD: _____ ☐ Other (describe) _____
Drill Cuttings Only: ☐ Raw Cuttings for Solidification ☐ Bulk Cuttings For Disposal **MUST CHECK ONE:** ☐ Air/Water ☐ Oil-based

Waste Characterization Data :

1) Generator of Waste Univar USA	Address of Facility Generating Waste (Street, City, State, Zip) 61 Gates Ave. Geneva, NY 14456		County of Origin Ontario
2) Generator's Representative (must match signature on pg 2) Jeffery Rowe	Mailing Address of Representative (if different from above) Same as above	Telephone No. 315.789.3054	Fax No. and Email Address 315.781.0825 jeffery.rowe@univar.com
3) Bill To Customer: Univar USA	Bill To Address 61 Gates Ave. Geneva, NY 14456	Telephone No. 315.789.3054	Fax No. and Email Address 315.781.0825 jeffery.rowe@univar.com
4) Description of Facility (i.e Residential, Commercial, Manufacturing, WWTP) and Description of Process generating waste: The facility stores mixes and packages chemicals for distribution. The waste is being generated from excess soil removal for development purposes.			
5) Description of waste (debris-containing, composition, uniform or mixture, etc.) Soil and gravel contaminated with low levels of VOCs, SVOCs, pesticides and metals from historic processes. The waste has a small ratio of concrete as well .			
6) Is Waste Considered Hazardous by Federal or State Hazardous Waste Regulations? ☐ Yes ☒ No			
7) Expected <u>Annual</u> Amount of Waste To Be Delivered _____ tons/year 80 _____ cubic yards/year		Approximate Density of Waste 3,000 _____ pounds/cubic yard	
8) Expected Frequency of Delivery x _____ one-time _____ daily _____ weekly _____ monthly _____ other (specify, if known)			
9) Hauler Name Page Transportation, Inc.	Address 2758 Trombley Rd. Weedsport, NY 13166	Transporter Permit No. 7A-296 EPA Exp. Date: 4/30/17	Telephone No. 315.834.6681

Waste Characterization Data (Cont'd)

10) Method of Delivery. If other, specify.

X _____ roll-off _____ packer truck _____ tractor trailer _____ other

11) Previous Disposal Location

N/A

Address

Phone

Contact Person

12) Is the waste classified as a "listed" or "characteristic" hazardous waste as defined by USEPA, or State of origin, or State where disposed? (If yes, explain.)

No

13) Describe all hazardous or nuisance properties associated with the waste (i.e. odors, dust, size).

See analytical

14) Does the waste require any special handling or disposal procedures? If so, explain.

No

15) Analytical Data Submitted (TCLP/Other).

Total analysis of VOCs, SVOCs, PCBs, Metals, and Pesticides/Herbicides; & Flashpoint, pH, % solid and reactivity

Type of Samples (indicate # of each type in space provided)

_____ grab 3 _____ composite _____ borings

Site plan must be provided if test pit/boring data is provided

Casella requires, at a minimum, the submittal of full TCLP (Metals-RCRA 8, VOC, SVOC, PCBs, Pesticides/Herbicides), pH, Reactivity, Ignitability, and % solids testing results for any special waste submitted for landfill acceptance unless the applicant can provide an acceptable justification for submittal of less comprehensive data. The generator is responsible for proper waste characterization.

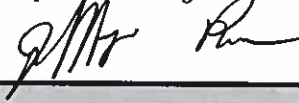
16) Justification for not submitting full TCLP data.

Sample ID Rolloff #1 indicates all total analysis detections are below calculated (20 times TCLP) TCLP Thresholds. Sample ID Rolloff #2 and Rolloff #3 showed totals analysis were below calculated TCLP Thresholds except Lead. TCLP analysis of metals on for Rolloff #2 and Rolloff #3 were performed.

GENERATOR CERTIFICATION

I hereby certify that (1) I am the authorized representative of the generator; (2) all information submitted on this form and on supplemental materials is complete and accurate to the best of my knowledge and ability to determine; (3) the information provided herein, including any supplemental information, such as laboratory analytical, MSDS, etc., accurately describes the waste stream to be delivered to the facility and that all known or suspected hazards have been disclosed; (4) Casella can contact the laboratory directly to discuss our attached waste stream. I understand that, once the waste stream is approved by Casella based on this information, any deviation in the source, composition, constituents or characteristics of the waste stream from the information described herein, may render the waste stream unacceptable for disposal, at the sole discretion of Casella. I further understand that any deviation from the information contained herein will require immediate notification to the disposal facility and cessation of disposal.

Generator or Authorized Representative - Signature:



Print name:

Jeffery Rowe

Print Title/Company:

Branch Operations Manager/
Univar USA

Date:

11-10-16

UNIVAR USA INC. - PROJECT WASTE LOG AND DRUM INVENTORY
ENVIRONMENTAL AFFAIRS DEPARTMENT

To be filled out by consultant within 48 hours of waste generation and forwarded to Univar Project Manager. PLEASE SUBMIT ONE FORM FOR EACH TYPE OF WASTE.

Part 1 General Information

Univar Project Site: Geneva, NY

Site Address: 61 GATES AVE

Generation Date: 10/18/2016

Number and Type/Size of Drums/Containers Generated (e.g., 4 soil drums 55g):
2- 30 yard roll offs, 1- 55 gallon plasric drum

Consultant's Company & Contact Name: Arcadis of NY Inc.

Consultant's Telephone Number: 315-671-9152

Process Generating Waste: Excavation for new weight station

Label Date and Type: 1-NonHaz label on Roll off #4 and 2-Pending Analysis on Roll off #3

Location of Containers or Waste: Located on the NE corner of the rear parking area

Physical Characteristics of Waste Stream (complete all applicable information):

Color(s): Gray and Brown

Odor (via casual detection): X None Mild Strong

Phase/Layers: X Single Multiple (how many?)

Physical State: 2 % Liquid 98 %Solid %Sludge %Other

(describe physical state) Roll off #4 is (C&D)concrete and crushed stone from bedding material, silts and sands also noted. Roll off #3 consisted of 50% excavated silty sands and 50% C&D(Concrete/crushed stone). Decon H2O #1 Drum consisted of approximently 15 gal of water brown in color with no sheens or ordors.

pH: NA

What area(s) on the property was this waste generated from (e.g., former hazardous waste storage area)? If generated from an off-site property, list the property name(s) and addresses.

Excavated from the area to the east of the building where the new truck weight station will be installed.

Comments: See page #2 for container inventory.

Part II Drum Inventory

Container ID #	Sample Location (e.g., Well Number)	Waste Type (Soil, water, other)	Container Type and Volume (e.g., 55-gallon drum, ½ full)	Sample Information (number and type of samples taken, sample ID, etc.)	Analytical Status (lab performing analyses, date sent, date of expected results)
Roll off #3	From Roll off	Soil	30 Yrd Roll off	Roll off #3, sample collected on 10/18/16	Submitted, pending results
Overflow Roll off #1-3	From Roll offs 1,2,&3	Soil	30 Yrd Roll off		NA

(continue on additional pages, as necessary)

Photo Log





NEWS NE / ONTARIO COUNTY LANDFILL

A Division of Casella Waste Systems
1879 NYS Route 5&20
Stanley, NY 14561

Ticket: 719911

Date: 12/13/2016

Time: 13:51:22 - 15:19:18

Customer: LE-00808/UNIVAR USA

Carrier: PAGE/PAGE

Truck: 3010

Truck Type: RO/ROLL OFF

Profile: 6781/UNIVAR USA

Generator: UNI/UNIVAR USA

Grid: P9/PHASE 9

Comment: 6871

Gross: 73960 L In Scale 1

Tare: 48860 L Out Scale 2

Net: 25100 L

Tons: 12.55

Materials & Services

Origin: 00/ONTARIO

Material: IN/INDUSTRIAL WASTE

Quantity: 12.55 Ton

Rate: \$0.00/T

Amount: \$ 0.00

Total Taxes: \$ 0.00

Total Amount: \$ 0.00

Weighmaster: Lisa

Driver: Sean Vene

By signing above, I declare that I did NOT
deposit any PROHIBITED WASTES

NON-HAZARDOUS SPECIAL WASTE MANIFEST

NOTE: GENERATOR MUST FILLS OUT THEIR SECTIONS COMPLETELY.
NO COPIED SIGNATURES ARE ACCEPTED

WASTE APPROVAL NUMBER: 6781

LANDFILL CUSTOMER (Billed to): UNIVAR **COUNTY OF ORIGIN:** Ontario

Section I. GENERATOR (Generator completes all of Section I.)

a. Generator Name: Univar

b. Address: 61 Gates Ave. Geneva, NY 14456

If Drill Cuttings:

Air/Water Based: _____

c. Phone Number: (315) 789-3054

Oil Based: _____

d. Description of Waste: Soil & gravel with low level of VOC's, SVOCs, pesticides and metals from historic processes. This waste contains a small ratio of concrete.

<u>Estimated Quantity</u>	<u>Units</u>	<u>Type</u>
20	CuYds Tons or CuYds	Dump Trailer: _____ Rolloff: <u>X</u> Wellsite: _____ Dump Truck: _____ Walking floor: _____ (if applicable)

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations.

Jeff Rowe
Generator / Authorized Agent Name

Jeff Rowe
Signature

12-13-16
Shipment Date

Section II. TRANSPORTER (Generator completes a-c; Transporter completes d-g)

a. Name: _____ Page Transportation _____

e. Truck Number: 3010

b. Address: 2760 Trombley Rd. Weedsport, NY 13166

f. Vehicle License No./State: 23583PC NY

c. Phone Number: (315) 834-6681

Acknowledgement of Receipt of Materials.

d. Driver Name: Sean Kaiser
PRINT/TYPE

g. Sean Kaiser 12-13-16
Driver Signature Date

NY Part 364 No. 7A296

Section III. DESTINATION (Generator completes a-d)

a. Site Name: Ontario County Landfill

c. Phone Number: (585) 526-4420

b. Physical Address: 1879 RT. 5&20 Stanley, NY 14561

d. Waste Approval Number: 6781

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Walter G. Glavin
Name of Authorized Agent

Walter G. Glavin
Signature

12/13/16
Date



NEWS NE / ONTARIO COUNTY LANDFILL
A Division of Casella Waste Systems
1879 NYS Route 5&20
Stanley, NY 14561

Ticket: 719816
Date: 12/13/2016
Time: 09:49:56 - 10:44:17

Customer: LE-00808/UNIVAR USA
Carrier: PAGE/PAGE
Truck: 3010
Truck Type: RO/ROLL OFF
Profile: 6781/UNIVAR USA
Generator: UNI/UNIVAR USA
Grid: P9/PHASE 9

Comment: 6871

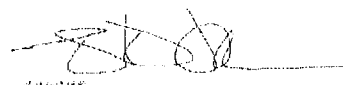
Gross: 82160 L In Scale 1
Tare: 49940 L Out Scale 2
Net: 32220 L

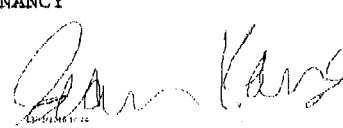
Tons: 16.11

Materials & Services

Origin: 00/ONTARIO
Material: IN/INDUSTRIAL WASTE
Quantity: 16.11 Ton
Rate: \$0.00/T
Amount: \$ 0.00

Total Taxes: \$ 0.00
Total Amount: \$ 0.00


Weighmaster: NANCY

Driver: 

By signing above, I declare that I did NOT
deposit any PROHIBITED WASTES

NON-HAZARDOUS SPECIAL WASTE MANIFEST

NOTE: GENERATOR MUST FILLS OUT THEIR SECTIONS COMPLETELY.
NO COPIED SIGNATURES ARE ACCEPTED

WASTE APPROVAL NUMBER: 6781

LANDFILL CUSTOMER (Billed to): UNIVAR **COUNTY OF ORIGIN:** Ontario

Section I.

GENERATOR (Generator completes all of Section I.)

a. Generator Name: Univar

b. Address: 61 Gates Ave. Geneva, NY 14456

If Drill Cuttings:

Air/Water Based: _____

Oil Based: _____

c. Phone Number: (315) 789-3054

d. Description of Waste: Soil & gravel with low level of VOC's, SVOCs, pesticides and metals from historic processes. This waste contains a small ratio of concrete.

e. <u>Estimated Quantity</u>	<u>Units</u>	<u>Type</u>
<u>20</u>	<u>CuYds</u> Tons or CuYds	Dump Trailer: _____ Rolloff: <u>X</u> Dump Truck: _____ Walking floor: _____ Wellsite: _____ (if applicable)

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations.

Jeff Rowe
Generator / Authorized Agent Name

[Signature]
Signature

12/13/16
Shipment Date

Section II.

TRANSPORTER (Generator completes a-c; Transporter completes d-g)

a. Name: _____ Page Transportation _____

b. Address: 2760 Trombley Rd. Weedsport, NY 13166

c. Phone Number: (315) 834-6681

d. Driver Name: Sean Kaiser
PRINT/TYPE

e. Truck Number: 3010

f. Vehicle License No./State: 23583PC NY

Acknowledgement of Receipt of Materials.

g. Sean Kaiser 12/13/16
Driver Signature Date

NY Part 364 No. 7A 296

Section III.

DESTINATION (Generator completes a-d)

a. Site Name: Ontario County Landfill

c. Phone Number: (585) 526-4420

b. Physical Address: 1879 RT. 5&20 Stanley, NY 14561

d. Waste Approval Number: 6781

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

[Signature]
Name of Authorized Agent

[Signature]
Signature

12/13/16
Date



FOR STATE USE ONLY		
SITE NO.	APPLICATION NO. #6876	DATE RECEIVED
DEPARTMENT ACTION ☐ Approved ☐ Disapproved		DATE

SPECIAL WASTE CHARACTERIZATION PROFILE

Disposal Facility Location (Choose All That Apply) - Casella reserves the right to make changes to this section based upon review

Hyland Landfill 6653 Herdman Road Angelica, NY 14709 Ph: 585.466.7271 Fax: 585.466.3206 ☐	Chemung Cty LF 1488 Cty Rte. 60 Lowman, NY 14861 Ph: 607.737.2980 Fax: 607.737.2967 ☐	Ontario Cty LF 1879 Rt. 5&20 Stanley, NY 14561 Ph: 585.526.4420 Fax: 585.526.5459 ☒	Clinton Cty LF 286 Sand Road Morrisonville, NY 12962 Tel: 518.563.5514 Fax: 518.563.5598 ☐	Waste USA LF 21 Landfill Lane Coventry, VT 05825 Tel: 802.334.5796 Fax: 802.334.2476 ☐	NCES Landfill 581 Trudeau Road Bethlehem, NH 03574 Tel: 603.869.3366 Fax: 603.869.2152 ☐
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Disposal Option - Casella reserves the right to make changes to this section based upon review

Waste Profile is destined for: ☒ Disposal as waste ☐ BUD: _____ ☐ Other (describe) _____
Drill Cuttings Only: ☐ Raw Cuttings for Solidification ☐ Bulk Cuttings For Disposal **MUST CHECK ONE:** ☐ Air/Water ☐ Oil-based

Waste Characterization Data :

1) Generator of Waste Univar USA	Address of Facility Generating Waste (Street, City, State, Zip) 61 Gates Ave. Geneva, NY 14456		County of Origin Ontario
2) Generator's Representative (must match signature on pg 2) Jeffrey Rowe	Mailing Address of Representative (if different from above) Same as above	Telephone No. 315.789.3054	Fax No. and Email Address 315.781.0825 jeffrey.rowe@univar.com
3) Bill To Customer: Univar USA	Bill To Address 61 Gates Ave. Geneva, NY 14456	Telephone No. 315.789.3054	Fax No. and Email Address 315.781.0825 jeffrey.rowe@univar.com

4) Description of Facility (i.e Residential, Commercial, Manufacturing, WWTP) and Description of Process generating waste:
The facility stores mixes and packages chemicals for distribution.
The waste is being generated from removal of surface material for development purposes.

5) Description of waste (debris-containing, composition, uniform or mixture, etc.)
Concrete, sand, crushed stone/gravel, and fiberglass/resin coating from removal of surface material and covering with low levels of VOCs, SVOCs, and metals from historic processes.

6) Is Waste Considered Hazardous by Federal or State Hazardous Waste Regulations? ☐ Yes ☒ No

7) Expected <u>Annual</u> Amount of Waste To Be Delivered 30 tons/year 20 cubic yards/year	Approximate Density of Waste 3,000 pounds/cubic yard
---	--

8) Expected Frequency of Delivery
x one-time
_____ daily _____ weekly _____ monthly _____ other (specify, if known)

9) Hauler Name Page Transportation, Inc.	Address 2758 Trombley Rd. Weedsport, NY 13166	Transporter Permit No. 7A-296 EPA Exp. Date: 4/30/17	Telephone No. 315.834.6681
---	---	--	-------------------------------

Waste Characterization Data (Cont'd)

10) Method of Delivery. If other, specify.

☒ roll-off ☐ packer truck ☐ tractor trailer ☐ other

11) Previous Disposal Location

N/A

Address

Phone

Contact Person

12) Is the waste classified as a "listed" or "characteristic" hazardous waste as defined by USEPA, or State of origin, or State where disposed? (If yes, explain.)

No

13) Describe all hazardous or nuisance properties associated with the waste (i.e. odors, dust, size).

Pieces of concrete are approximately 2 ft in diameter or less with rebar. See analytical for trace contaminants

14) Does the waste require any special handling or disposal procedures? If so, explain.

No

15) Analytical Data Submitted (TCLP/Other).

Total analysis of VOCs, SVOCs, PCBs, Metals, and Pesticides/Herbicides; & Flashpoint, pH, % solid and reactivity

Type of Samples (indicate # of each type in space provided)

☐ grab ☒ 1 composite ☐ borings

Site plan must be provided if test pit/boring data is provided

Casella requires, at a minimum, the submittal of full TCLP (Metals-RCRA 8, VOC, SVOC, PCBs, Pesticides/Herbicides), pH, Reactivity, Ignitibility, and % solids testing results for any special waste submitted for landfill acceptance unless the applicant can provide an acceptable justification for submittal of less comprehensive data. The generator is responsible for proper waste characterization.

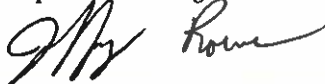
16) Justification for not submitting full TCLP data.

All total analysis detections are below calculated(20 times TCLP) TCLP Thresholds.

GENERATOR CERTIFICATION

I hereby certify that (1) I am the authorized representative of the generator; (2) all information submitted on this form and on supplemental materials is complete and accurate to the best of my knowledge and ability to determine; (3) the information provided herein, including any supplemental information, such as laboratory analytical, MSDS, etc., accurately describes the waste stream to be delivered to the facility and that all known or suspected hazards have been disclosed; (4) Casella can contact the laboratory directly to discuss our attached waste stream. I understand that, once the waste stream is approved by Casella based on this information, any deviation in the source, composition, constituents or characteristics of the waste stream from the information described herein, may render the waste stream unacceptable for disposal, at the sole discretion of Casella. I further understand that any deviation from the information contained herein will require immediate notification to the disposal facility and cessation of disposal.

Generator or Authorized Representative - Signature:



Print name:

Jeffrey Rowe

Print Title/Company:

Branch Operations Manager/
Univar USA

Date:

11-15-16

**UNIVAR USA INC. - PROJECT WASTE LOG AND DRUM INVENTORY
ENVIRONMENTAL AFFAIRS DEPARTMENT**

To be filled out by consultant within 48 hours of waste generation and forwarded to Univar Project Manager. PLEASE SUBMIT ONE FORM FOR EACH TYPE OF WASTE.

Part 1 General Information

Univar Project Site: **Geneva, NY**

Site Address: **61 GATES AVE**

Generation Date: **10/18/2016**

Number and Type/Size of Drums/Containers Generated (e.g., 4 soil drums 55g):

1- 30 yard roll off

Consultant's Company & Contact Name: **Arcadis of NY Inc.**

Consultant's Telephone Number: **315-671-9152**

Process Generating Waste: **Excavation for new weight station**

Label Date and Type: **1-NonHaz label on Roll off #4**

Location of Containers or Waste: **Located on the NE corner of the rear parking area**

Physical Characteristics of Waste Stream (complete all applicable information):

Color(s): **Gray and Brown**

Odor (via casual detection): ☒ **X** None ☐ Mild ☐ Strong

Phase/Layers: ☒ **X** Single ☐ Multiple (how many?)

Physical State: ☐ % Liquid ☒ **100** %Solid ☐ %Sludge ☐ %Other

(describe physical state) **Roll off #4 is (C&D)concrete and crushed stone from bedding material, silts and sands also noted.**

pH: **NA**

What area(s) on the property was this waste generated from (e.g., former hazardous waste storage area)? If generated from an off-site property, list the property name(s) and addresses.

Excavated from the area to the east of the building where the new truck weight station will be installed.

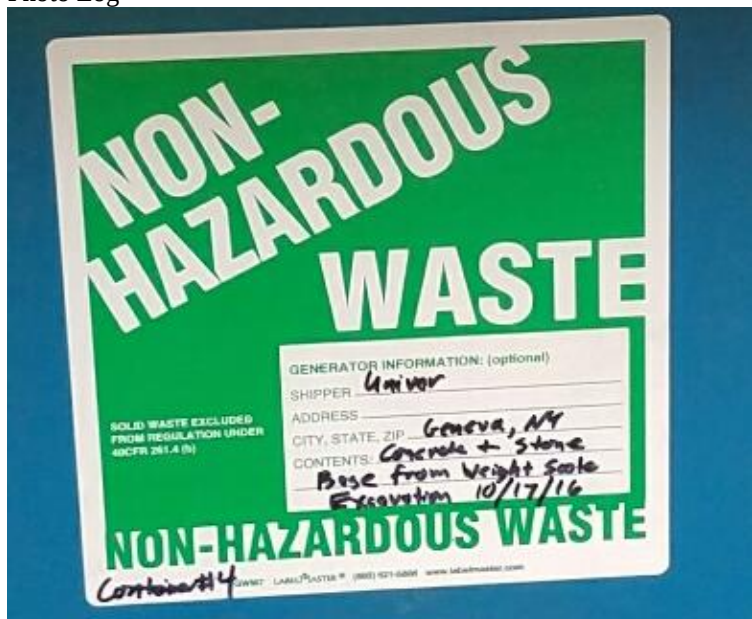
Comments: See page #2 for container inventory.

Part II Drum Inventory

Container ID #	Sample Location (e.g., Well Number)	Waste Type (Soil, water, other)	Container Type and Volume (e.g., 55-gallon drum, ½ full)	Sample Information (number and type of samples taken, sample ID, etc.)	Analytical Status (lab performing analyses, date sent, date of expected results)
Roll off #4	From Roll off	Soil	30 Yrd Roll off	Not sampled, determined C&D- Non-Haz	NA

(continue on additional pages, as necessary)

Photo Log





NEWS NE / ONTARIO COUNTY LANDFILL

A Division of Casella Waste Systems
1879 NYS Route 5&20
Stanley, NY 14561

Ticket: 718663

Date: 12/5/2016

Time: 09:19:08 - 10:41:50

Customer: LE-00808/UNIVAR USA

Carrier: PAGE/PAGE

Truck: 3010

Truck Type: DR/DUMP TRAILER

Profile: 6876/UNIVAR USA

Generator: UNI/UNIVAR USA

Grid: P9/PHASE 9

Comment: 6876

Gross: 77660 L In Scale 1

Tare: 49120 L Out Scale 2

Net: 28540 L

Tons: 14.27

Materials & Services

Origin: 00/ONTARIO

Material: IN/INDUSTRIAL WASTE

Quantity: 14.27 Ton

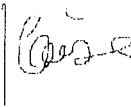
Rate: \$0.00/T

Amount: \$ 0.00

Total Taxes: \$ 0.00

Total Amount: \$ 0.00

Weighmaster: NANCY

Driver:  

By signing above, I declare that I did NOT
deposit any PROHIBITED WASTES

NON-HAZARDOUS SPECIAL WASTE MANIFEST

NOTE: GENERATOR MUST FILL OUT THEIR SECTIONS COMPLETELY.
NO COPIED SIGNATURES ARE ACCEPTED

WASTE APPROVAL NUMBER: 6876

LANDFILL CUSTOMER (Billed to): UNIVAR **COUNTY OF ORIGIN:** Ontario

Section I. GENERATOR (Generator completes all of Section I.)

a. Generator Name: Univar

b. Address: 61 Gates Ave. Geneva, NY 14456

If Drill Cuttings:

Air/Water Based: _____

c. Phone Number: (315) 789-3054 _____

Oil Based: _____

d. Description of Waste: Concrete, sand, crushed stone/gravel, & fiberglass/resin coating from removal of surface material and covering with low level of VOC's, SVOCs and metals from historic processes

<u>Estimated Quantity</u>	<u>Units</u>	<u>Type</u>
20	CuYds Tons or CuYds	Dump Trailer: _____ Rolloff: <u>X</u> Dump Truck: _____ Walking floor: _____
		Wellsite: _____ (if applicable)

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations.

Jeff Rowe

Generator / Authorized Agent Name

Jeff Rowe

Signature

12-5-16

Shipment Date

Section II. TRANSPORTER (Generator completes a-c; Transporter completes d-g)

a. Name: _____ Page Transportation _____

e. Truck Number: 3010

b. Address: 2760 Trombley Rd. Weedsport, NY 13166

f. Vehicle License No./State: 23588AC NK

c. Phone Number: (315) 834-6681 _____

Acknowledgement of Receipt of Materials.

d. Driver Name: Sean Kaiser
PRINT/TYPE

g. Sean Kaiser 12-5-16
Driver Signature Date

NY Part 364 No 7A 296

Section III. DESTINATION (Generator completes a-d)

a. Site Name: Ontario County Landfill

c. Phone Number: (585) 526-4420 _____

b. Physical Address: 1879 RT. 5&20 Stanley, NY 14561

d. Waste Approval Number: 6876

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Walter J. [Signature]

Name of Authorized Agent

[Signature]

Signature

12/5/16

Date



NEWS NE / ONTARIO COUNTY LANDFILL

A Division of Casella Waste Systems
1879 NYS Route 5&20
Stanley, NY 14561

Ticket: 718765

Date: 12/5/2016

Time: 13:59:44 - 14:51:06

Customer: LE-00808/UNIVAR USA

Carrier: PAGE/PAGE

Truck: 3010

Truck Type: RO/ROLL OFF

Profile: 6781/UNIVAR USA

Generator: UNI/UNIVAR USA

Grid: P9/PHASE 9

Comment: 6781

Gross: 92360 L In Scale 1

Tare: 48540 L Out Scale 2

Net: 43820 L

Tons: 21.91

Materials & Services

Origin: 00/ONTARIO

Material: IN/INDUSTRIAL WASTE

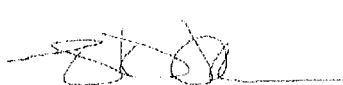
Quantity: 21.91 Ton

Rate: \$0.00/T

Amount: \$ 0.00

Total Taxes: \$ 0.00

Total Amount: \$ 0.00


Weighmaster: NANCY

Driver: 
218214100

By signing above, I declare that I did NOT
deposit any PROHIBITED WASTES

NON-HAZARDOUS SPECIAL WASTE MANIFEST

NOTE: GENERATOR MUST FILLS OUT THEIR SECTIONS COMPLETELY.
NO COPIED SIGNATURES ARE ACCEPTED

WASTE APPROVAL NUMBER: 6781

LANDFILL CUSTOMER (Billed to): UNIVAR **COUNTY OF ORIGIN:** Ontario

Section I.

GENERATOR (Generator completes all of Section I.)

a. Generator Name: Univar

b. Address: 61 Gates Ave. Geneva, NY 14456

If Drill Cuttings:

Air/Water Based: _____

c. Phone Number: (315) 789-3054 _____

Oil Based: _____

d. Description of Waste: Soil & gravel with low level of VOC's , SVOCs, pesticides and metals from historic processes. This waste contains a small ratio of concrete .

e. **Estimated Quantity**

Units

Type

20

CuYds

Tons

or

CuYds

Dump Trailer: _____

Rolloff: X

Wellsite: _____

Dump Truck: _____

Walking floor _____

(if applicable)

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations.

Jeff Rowe

Generator / Authorized Agent Name

[Signature]

Signature

12-5-16

Shipment Date

Section II.

TRANSPORTER (Generator completes a-c; Transporter completes d-g)

a. Name: _____ Page Transportation _____

e. Truck Number: 3010

b. Address: 2760 Trombley Rd. Weedsport, NY 13166

f. Vehicle License No./State: 23583PC NY

c. Phone Number: (315) 834-6681 _____

Acknowledgement of Receipt of Materials.

d. Driver Name: Sean Kaiser

g. [Signature]

12-5-16

PRINT/TYPE

Driver Signature

Date

NY Part 364 No. 7A 296

Section III.

DESTINATION (Generator completes a-d)

a. Site Name: Ontario County Landfill

c. Phone Number: (585) 526-4420 _____

b. Physical Address: 1879 RT. 5&20 Stanley, NY 14561

d. Waste Approval Number: 6781

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

[Signature]

Name of Authorized Agent

[Signature]

Signature

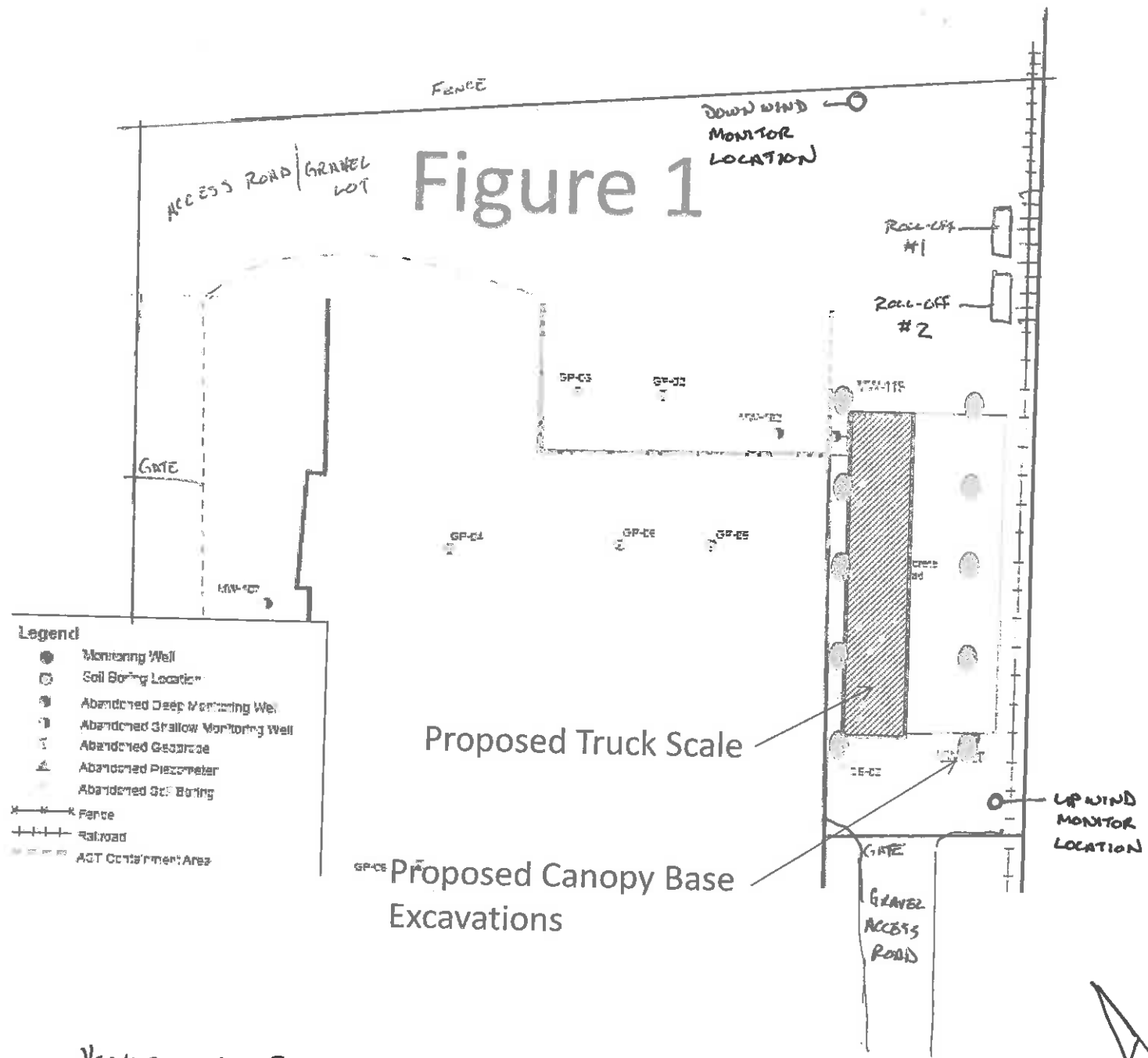
12/5/16

Date

APPENDIX D

Field Notes and CAMP





* NOT TO SCALE

N

ARCADIS for natural and technical services

DUSTTRACK
DUSTTRACK

DUSTTRACK
DUSTTRACK

DUSTTRACK
DUSTTRACK

ARCADIS for nature and built assets

Monitor Frequency: Hourly 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24

Dust Mon. Model: FA 02760 (up) / FA 02761 (DN)

[illegible]

OUT-ACCESS
BLOCKED

Part per million
Percent
Milligram per cubic meter

Air Monitoring Documentation Form

ARCADIS

PID Model: MINIRAE 3000 FAD0553(LP) | FAD473(DN) Monitor Frequency: HOURLY

LEL/O₂ Model: _____

CIT Model: _____

Dust Mon. Model: DUSTTRAC FAD2760(LP) | FAD2761

Air Monitoring Results

Date	Time	PID (units)	O ₂ (%)	LEL (% LEL)	CIT (ppm)	Dusts (mg/m ³)	Location
09-20-16	0737 *	0.9 ppm				0.026	UPWIND
	0739	0.1 ppm				0.037	DOWNWIND
	0835	0.8 ppm				0.018	UPWIND
	0837	0.2 ppm				0.021	DOWNWIND
	0935	1.9 ppm				0.017	UPWIND
	0933	0.2 ppm				0.044	DOWNWIND → MINOR DELIVER TRUCK CAME IN.
	1033	0.0 ppm				0.015	UPWIND
	1030	0.3 ppm				0.018	DOWNWIND
	1130						UNABLE TO GET TRUCK W/OUT W/ CHEMICALS
	1130	0.4 ppm				0.009	DOWNWIND
	1230	0.0				0.013	UPWIND → 1210 TRUCK LEFT SITE
	1230	0.4				0.006	DOWNWIND
	1330	0.0				0.009	UPWIND
	1333	0.4				0.027	DOWNWIND
	1430	0.0				0.010	UPWIND
	1432	0.4				0.027	DOWNWIND

PID Photoionization Detector
LEL Lower Explosive Limit
O₂ Oxygen
CIT Colorimetric Indicator Tube

ppm
%
mg/m³

Part per million
Percent
Milligram per cubic meter

ARCADIS for natural and built assets

However

Dust Mon. Model: NASTRACK II (FA 02760/FA02761)

[illegible]

Part per million
Percent
Milligram per cubic meter



ARCADIS for natural and built assets

[illegible]

Control Number: TSM- NP009013.2016.00500 - 9/21/16

TSM + project number plus date as follows: xxxxxxxx.xxxx.xxxx - dd/mm/year



TAILGATE HEALTH & SAFETY MEETING FORM

Project Name: EXCAVATION FOR CONSTRUCTION OF NEW TRACK SCALE AND CANOPY			Project Location: GENEVA, NY		
Date: 9-21-16	Time: 0715	Conducted by: ANDY ROBERTS	Signature/Title: <i>[Signature]</i> / SR. CONST. SUPERVISOR I		

Issues or concerns from previous day's activities:

N/A

Task anticipated to be performed today:

☐ Additional permits/checklists attached

USE TRACK! Evaluate the hazards (h) for the tasks being performed today and rank as Low (L), Medium (M) or High (H). Use relevant JSAs, FHSB, permit or other work standard to communicate controls (c) to be used to eliminate or mitigate identified hazards.

☒ Gravity (i.e., ladder, scaffold, trips) (L M H) h: _____ c: _____	☒ Motion (i.e., traffic, moving water) (L M H) h: _____ c: _____	☒ Mechanical (i.e., augers, motors) (L M H) h: _____ c: _____
☐ Electrical (i.e., utilities, lightning) (L M H) h: _____ c: _____	☒ Pressure (i.e., gas cyl., wells) (L M H) h: _____ c: _____	☒ Environment (i.e., heat, cold, ice) (L M H) h: _____ c: _____
☒ Chemical (i.e., fuel, acid, paint) (L M H) h: TANK LOADING / OFFLOADING c: 25 FT SAFETY ZONE	☐ Biological (i.e., ticks, poison ivy) (L M H) h: _____ c: _____	☒ Radiation (i.e., alpha, sun, laser) (L M H) h: _____ c: _____
☒ Sound (i.e., machinery) (L M H) h: _____ c: _____	☐ Personal (i.e., alone, night) (L M H) h: _____ c: _____	☒ Driving (i.e., car, ATV, boat, dozer) (L M H) h: _____ c: _____

☐ Refer to the attached Hazard Analysis Sheet(s) or JSA

Comments:

Signature and Certification: I have read and understand the project specific HASP for this project.

Printed Name/Signature/Company	Sign In Time	Sign Out Time
ANDREW ROBERTS / <i>[Signature]</i> / ARCADIS	0715	1515

I will STOP the job any time anyone is concerned or uncertain about health & safety or if anyone identifies a hazard or additional mitigation not recorded in the site, project, job or task hazard assessment.

I will be alert to any changes in personnel, conditions at the work site or hazards not covered by the original hazard assessments.

If it is necessary to STOP THE JOB, I will perform TRACK; and then amend the hazard assessments or the HASP as needed.

I will not assist a subcontractor or other party with their work unless it is absolutely necessary and then only after I have done TRACK and I have thoroughly controlled the hazard.

All site staff should arrive fit for work. If not, they should report to the supervisor any restrictions or concerns.

In the event of an injury, employees will call WorkCare at 1.800.455.6155 and then notify the field supervisor.

Utility strike, motor vehicle accident or 3rd party property damage - field supervisor will immediately notify the Project or Task Manager

Model: DustTrak DRX
Model Number: 8533
Serial Number: 8533161711
Test ID: 1
Test Abbreviation: MANUAL_001
Start Date: 9/19/2016
Start Time: 8:33:39
Duration (dd:hh:mm:ss): 0:06:51:00
Log Interval (mm:ss): 1:00
Number of points: 411
Notes:

Statistics	Channel:	PM1	PM2.5	RESP	PM10	TOTAL
	Units:	mg/m^3	mg/m^3	mg/m^3	mg/m^3	mg/m^3
	Average:	0.015	0.017	0.019	0.027	0.033
	Minimum:	0.001	0.001	0.002	0.002	0.002
	Time of Minimum:	13:15:39	13:39:39	11:39:39	13:49:39	13:59:39
	Date of Minimum:	9/19/2016	9/19/2016	9/19/2016	9/19/2016	9/19/2016
	Maximum:	0.757	0.884	1.04	1.76	2.26
	Time of Maximum:	10:18:39	10:18:39	10:18:39	10:18:39	10:18:39
	Date of Maximum:	9/19/2016	9/19/2016	9/19/2016	9/19/2016	9/19/2016

Calibration Sensor: AEROSOL
Cal. date 4/20/2016

Date	Time	PM1	PM2.5	RESP	PM10	TOTAL
MM/dd/yyyy	hh:mm:ss	mg/m^3	mg/m^3	mg/m^3	mg/m^3	mg/m^3
9/19/2016	8:34:39	0.134	0.151	0.181	0.308	0.389
9/19/2016	8:35:39	0.021	0.022	0.023	0.027	0.028
9/19/2016	8:36:39	0.024	0.026	0.028	0.032	0.035
9/19/2016	8:37:39	0.024	0.026	0.028	0.033	0.037
9/19/2016	8:38:39	0.021	0.022	0.024	0.028	0.03
9/19/2016	8:39:39	0.021	0.023	0.024	0.029	0.03
9/19/2016	8:40:39	0.023	0.025	0.027	0.031	0.032
9/19/2016	8:41:39	0.023	0.024	0.026	0.03	0.036
9/19/2016	8:42:39	0.024	0.026	0.028	0.033	0.035
9/19/2016	8:43:39	0.027	0.03	0.032	0.037	0.045
9/19/2016	8:44:39	0.025	0.027	0.029	0.034	0.038
9/19/2016	8:45:39	0.023	0.024	0.026	0.029	0.031
9/19/2016	8:46:39	0.024	0.026	0.027	0.032	0.04
9/19/2016	8:47:39	0.024	0.026	0.028	0.033	0.039
9/19/2016	8:48:39	0.025	0.027	0.028	0.035	0.042
9/19/2016	8:49:39	0.026	0.028	0.03	0.035	0.039
9/19/2016	8:50:39	0.024	0.026	0.028	0.031	0.035
9/19/2016	8:51:39	0.025	0.028	0.03	0.035	0.038
9/19/2016	8:52:39	0.024	0.026	0.028	0.031	0.033
9/19/2016	8:53:39	0.023	0.026	0.028	0.031	0.033
9/19/2016	8:54:39	0.024	0.026	0.028	0.031	0.036
9/19/2016	8:55:39	0.023	0.025	0.026	0.03	0.03
9/19/2016	8:56:39	0.02	0.021	0.022	0.025	0.025
9/19/2016	8:57:39	0.022	0.023	0.025	0.029	0.03
9/19/2016	8:58:39	0.021	0.022	0.024	0.027	0.029
9/19/2016	8:59:39	0.022	0.023	0.025	0.031	0.033
9/19/2016	9:00:39	0.022	0.023	0.026	0.033	0.037
9/19/2016	9:01:39	0.023	0.024	0.026	0.033	0.035
9/19/2016	9:02:39	0.023	0.024	0.027	0.035	0.039
9/19/2016	9:03:39	0.023	0.024	0.026	0.031	0.032
9/19/2016	9:04:39	0.021	0.022	0.024	0.028	0.032
9/19/2016	9:05:39	0.019	0.02	0.021	0.023	0.026
9/19/2016	9:06:39	0.019	0.02	0.021	0.024	0.027
9/19/2016	9:07:39	0.019	0.02	0.021	0.022	0.026
9/19/2016	9:08:39	0.026	0.026	0.028	0.03	0.03
9/19/2016	9:09:39	0.018	0.019	0.02	0.022	0.023
9/19/2016	9:10:39	0.018	0.019	0.02	0.021	0.022
9/19/2016	9:11:39	0.018	0.018	0.019	0.021	0.023
9/19/2016	9:12:39	0.019	0.02	0.021	0.023	0.026
9/19/2016	9:13:39	0.018	0.018	0.019	0.022	0.023
9/19/2016	9:14:39	0.016	0.017	0.018	0.02	0.022
9/19/2016	9:15:39	0.015	0.016	0.017	0.019	0.019
9/19/2016	9:16:39	0.015	0.016	0.016	0.018	0.02
9/19/2016	9:17:39	0.016	0.017	0.018	0.02	0.023
9/19/2016	9:18:39	0.015	0.016	0.017	0.018	0.018
9/19/2016	9:19:39	0.015	0.016	0.017	0.018	0.02
9/19/2016	9:20:39	0.017	0.017	0.018	0.02	0.021
9/19/2016	9:21:39	0.027	0.028	0.028	0.03	0.031
9/19/2016	9:22:39	0.016	0.017	0.018	0.02	0.021
9/19/2016	9:23:39	0.014	0.015	0.016	0.018	0.018
9/19/2016	9:24:39	0.015	0.016	0.016	0.018	0.018
9/19/2016	9:25:39	0.015	0.015	0.016	0.018	0.018
9/19/2016	9:26:39	0.017	0.018	0.019	0.021	0.024
9/19/2016	9:27:39	0.015	0.015	0.016	0.018	0.019
9/19/2016	9:28:39	0.014	0.015	0.016	0.017	0.018
9/19/2016	9:29:39	0.015	0.015	0.016	0.018	0.018
9/19/2016	9:30:39	0.014	0.015	0.016	0.017	0.018
9/19/2016	9:31:39	0.015	0.015	0.016	0.018	0.021
9/19/2016	9:32:39	0.014	0.014	0.015	0.016	0.017
9/19/2016	9:33:39	0.013	0.014	0.015	0.016	0.016
9/19/2016	9:34:39	0.014	0.014	0.015	0.017	0.018

9/19/2016	9:35:39	0.013	0.014	0.015	0.016	0.017
9/19/2016	9:36:39	0.015	0.015	0.016	0.018	0.018
9/19/2016	9:37:39	0.014	0.014	0.015	0.016	0.017
9/19/2016	9:38:39	0.013	0.013	0.014	0.015	0.018
9/19/2016	9:39:39	0.013	0.013	0.014	0.015	0.016
9/19/2016	9:40:39	0.012	0.013	0.013	0.014	0.016
9/19/2016	9:41:39	0.013	0.014	0.014	0.016	0.017
9/19/2016	9:42:39	0.013	0.013	0.014	0.016	0.017
9/19/2016	9:43:39	0.013	0.013	0.014	0.015	0.016
9/19/2016	9:44:39	0.013	0.013	0.014	0.015	0.017
9/19/2016	9:45:39	0.011	0.012	0.013	0.014	0.014
9/19/2016	9:46:39	0.012	0.013	0.013	0.015	0.019
9/19/2016	9:47:39	0.012	0.013	0.013	0.015	0.017
9/19/2016	9:48:39	0.012	0.012	0.013	0.014	0.015
9/19/2016	9:49:39	0.011	0.012	0.013	0.014	0.014
9/19/2016	9:50:39	0.011	0.012	0.013	0.014	0.016
9/19/2016	9:51:39	0.012	0.012	0.013	0.014	0.016
9/19/2016	9:52:39	0.011	0.012	0.013	0.015	0.015
9/19/2016	9:53:39	0.011	0.012	0.013	0.014	0.016
9/19/2016	9:54:39	0.011	0.012	0.013	0.015	0.016
9/19/2016	9:55:39	0.011	0.012	0.012	0.013	0.015
9/19/2016	9:56:39	0.011	0.012	0.012	0.014	0.015
9/19/2016	9:57:39	0.011	0.012	0.013	0.015	0.016
9/19/2016	9:58:39	0.013	0.014	0.014	0.017	0.017
9/19/2016	9:59:39	0.013	0.014	0.015	0.018	0.019
9/19/2016	10:00:39	0.011	0.012	0.012	0.014	0.014
9/19/2016	10:01:39	0.011	0.012	0.012	0.014	0.014
9/19/2016	10:02:39	0.011	0.012	0.012	0.014	0.015
9/19/2016	10:03:39	0.011	0.012	0.012	0.014	0.016
9/19/2016	10:04:39	0.013	0.013	0.014	0.015	0.015
9/19/2016	10:05:39	0.013	0.013	0.014	0.015	0.02
9/19/2016	10:06:39	0.011	0.012	0.012	0.014	0.014
9/19/2016	10:07:39	0.012	0.013	0.013	0.015	0.019
9/19/2016	10:08:39	0.011	0.012	0.012	0.014	0.014
9/19/2016	10:09:39	0.012	0.012	0.013	0.013	0.014
9/19/2016	10:10:39	0.011	0.011	0.012	0.013	0.016
9/19/2016	10:11:39	0.011	0.011	0.012	0.013	0.015
9/19/2016	10:12:39	0.011	0.011	0.012	0.013	0.013
9/19/2016	10:13:39	0.011	0.011	0.011	0.013	0.013
9/19/2016	10:14:39	0.011	0.011	0.012	0.013	0.014
9/19/2016	10:15:39	0.011	0.011	0.012	0.013	0.014
9/19/2016	10:16:39	0.012	0.012	0.013	0.016	0.018
9/19/2016	10:17:39	0.011	0.012	0.012	0.013	0.016
9/19/2016	10:18:39	0.757	0.884	1.04	1.76	2.26
9/19/2016	10:19:39	0.255	0.298	0.347	0.57	0.738
9/19/2016	10:20:39	0.252	0.296	0.347	0.562	0.728
9/19/2016	10:21:39	0.098	0.114	0.131	0.201	0.249
9/19/2016	10:22:39	0.266	0.311	0.357	0.528	0.626
9/19/2016	10:23:39	0.167	0.196	0.225	0.331	0.399
9/19/2016	10:24:39	0.187	0.218	0.25	0.369	0.436
9/19/2016	10:25:39	0.286	0.334	0.382	0.576	0.703
9/19/2016	10:26:39	0.192	0.223	0.255	0.379	0.452
9/19/2016	10:27:39	0.156	0.182	0.207	0.304	0.363
9/19/2016	10:28:39	0.108	0.126	0.144	0.209	0.253
9/19/2016	10:29:39	0.02	0.022	0.024	0.031	0.036
9/19/2016	10:30:39	0.018	0.02	0.022	0.028	0.031
9/19/2016	10:31:39	0.048	0.055	0.062	0.087	0.107
9/19/2016	10:32:39	0.05	0.057	0.064	0.093	0.107
9/19/2016	10:33:39	0.039	0.044	0.048	0.066	0.078
9/19/2016	10:34:39	0.048	0.056	0.063	0.087	0.099
9/19/2016	10:35:39	0.013	0.014	0.015	0.018	0.019
9/19/2016	10:36:39	0.011	0.012	0.012	0.014	0.015
9/19/2016	10:37:39	0.011	0.011	0.012	0.014	0.014
9/19/2016	10:38:39	0.021	0.023	0.025	0.034	0.04
9/19/2016	10:39:39	0.087	0.101	0.114	0.162	0.195
9/19/2016	10:40:39	0.049	0.056	0.064	0.093	0.113
9/19/2016	10:41:39	0.049	0.056	0.063	0.088	0.096
9/19/2016	10:42:39	0.052	0.059	0.067	0.092	0.1
9/19/2016	10:43:39	0.057	0.065	0.073	0.105	0.124
9/19/2016	10:44:39	0.035	0.04	0.045	0.063	0.081
9/19/2016	10:45:39	0.039	0.044	0.05	0.075	0.091
9/19/2016	10:46:39	0.034	0.039	0.044	0.063	0.077
9/19/2016	10:47:39	0.011	0.012	0.013	0.015	0.016
9/19/2016	10:48:39	0.01	0.011	0.011	0.012	0.014
9/19/2016	10:49:39	0.01	0.011	0.011	0.012	0.013
9/19/2016	10:50:39	0.01	0.011	0.012	0.013	0.013
9/19/2016	10:51:39	0.01	0.011	0.011	0.013	0.013
9/19/2016	10:52:39	0.01	0.011	0.012	0.014	0.015
9/19/2016	10:53:39	0.01	0.011	0.011	0.012	0.013
9/19/2016	10:54:39	0.011	0.011	0.012	0.015	0.017
9/19/2016	10:55:39	0.01	0.011	0.012	0.014	0.014
9/19/2016	10:56:39	0.01	0.011	0.012	0.013	0.017
9/19/2016	10:57:39	0.009	0.01	0.01	0.011	0.014
9/19/2016	10:58:39	0.01	0.011	0.012	0.013	0.016
9/19/2016	10:59:39	0.01	0.011	0.012	0.014	0.016
9/19/2016	11:00:39	0.012	0.014	0.015	0.018	0.018
9/19/2016	11:01:39	0.013	0.014	0.015	0.018	0.019
9/19/2016	11:02:39	0.011	0.013	0.014	0.016	0.017
9/19/2016	11:03:39	0.011	0.012	0.013	0.016	0.019
9/19/2016	11:04:39	0.01	0.012	0.013	0.015	0.016

9/19/2016	11:05:39	0.01	0.011	0.012	0.014	0.014
9/19/2016	11:06:39	0.008	0.009	0.009	0.011	0.016
9/19/2016	11:07:39	0.008	0.008	0.009	0.011	0.015
9/19/2016	11:08:39	0.008	0.009	0.01	0.012	0.015
9/19/2016	11:09:39	0.013	0.015	0.016	0.019	0.021
9/19/2016	11:10:39	0.01	0.011	0.012	0.015	0.02
9/19/2016	11:11:39	0.008	0.009	0.01	0.012	0.013
9/19/2016	11:12:39	0.01	0.012	0.013	0.015	0.018
9/19/2016	11:13:39	0.01	0.011	0.012	0.015	0.019
9/19/2016	11:14:39	0.008	0.009	0.009	0.011	0.015
9/19/2016	11:15:39	0.006	0.007	0.007	0.009	0.011
9/19/2016	11:16:39	0.006	0.007	0.007	0.008	0.011
9/19/2016	11:17:39	0.006	0.007	0.007	0.008	0.009
9/19/2016	11:18:39	0.006	0.006	0.007	0.008	0.013
9/19/2016	11:19:39	0.005	0.006	0.006	0.008	0.012
9/19/2016	11:20:39	0.004	0.005	0.005	0.007	0.011
9/19/2016	11:21:39	0.005	0.005	0.006	0.008	0.009
9/19/2016	11:22:39	0.004	0.005	0.005	0.008	0.012
9/19/2016	11:23:39	0.005	0.005	0.006	0.008	0.01
9/19/2016	11:24:39	0.005	0.005	0.006	0.007	0.011
9/19/2016	11:25:39	0.006	0.007	0.007	0.009	0.011
9/19/2016	11:26:39	0.006	0.007	0.008	0.01	0.013
9/19/2016	11:27:39	0.005	0.006	0.007	0.008	0.012
9/19/2016	11:28:39	0.006	0.007	0.008	0.01	0.012
9/19/2016	11:29:39	0.004	0.005	0.005	0.007	0.008
9/19/2016	11:30:39	0.004	0.004	0.005	0.006	0.006
9/19/2016	11:31:39	0.004	0.004	0.004	0.005	0.006
9/19/2016	11:32:39	0.003	0.004	0.004	0.006	0.006
9/19/2016	11:33:39	0.003	0.003	0.004	0.005	0.008
9/19/2016	11:34:39	0.002	0.003	0.003	0.005	0.006
9/19/2016	11:35:39	0.003	0.003	0.003	0.005	0.007
9/19/2016	11:36:39	0.003	0.004	0.004	0.007	0.009
9/19/2016	11:37:39	0.003	0.003	0.003	0.005	0.007
9/19/2016	11:38:39	0.002	0.003	0.003	0.005	0.006
9/19/2016	11:39:39	0.002	0.002	0.002	0.003	0.004
9/19/2016	11:40:39	0.002	0.003	0.003	0.004	0.007
9/19/2016	11:41:39	0.002	0.003	0.003	0.004	0.006
9/19/2016	11:42:39	0.002	0.003	0.003	0.005	0.006
9/19/2016	11:43:39	0.003	0.003	0.003	0.004	0.006
9/19/2016	11:44:39	0.003	0.003	0.003	0.004	0.005
9/19/2016	11:45:39	0.003	0.003	0.004	0.005	0.008
9/19/2016	11:46:39	0.003	0.004	0.004	0.006	0.009
9/19/2016	11:47:39	0.003	0.003	0.004	0.005	0.008
9/19/2016	11:48:39	0.003	0.003	0.004	0.005	0.006
9/19/2016	11:49:39	0.003	0.003	0.004	0.005	0.007
9/19/2016	11:50:39	0.003	0.003	0.004	0.005	0.007
9/19/2016	11:51:39	0.003	0.003	0.004	0.005	0.007
9/19/2016	11:52:39	0.004	0.004	0.004	0.006	0.009
9/19/2016	11:53:39	0.004	0.004	0.005	0.008	0.012
9/19/2016	11:54:39	0.004	0.004	0.004	0.006	0.008
9/19/2016	11:55:39	0.003	0.003	0.004	0.005	0.005
9/19/2016	11:56:39	0.003	0.003	0.004	0.005	0.005
9/19/2016	11:57:39	0.003	0.004	0.004	0.005	0.007
9/19/2016	11:58:39	0.003	0.003	0.004	0.004	0.004
9/19/2016	11:59:39	0.003	0.003	0.004	0.005	0.006
9/19/2016	12:00:39	0.003	0.003	0.004	0.005	0.007
9/19/2016	12:01:39	0.003	0.003	0.004	0.005	0.008
9/19/2016	12:02:39	0.003	0.004	0.004	0.005	0.007
9/19/2016	12:03:39	0.003	0.003	0.003	0.004	0.005
9/19/2016	12:04:39	0.003	0.003	0.003	0.004	0.004
9/19/2016	12:05:39	0.003	0.003	0.003	0.005	0.007
9/19/2016	12:06:39	0.002	0.003	0.003	0.003	0.006
9/19/2016	12:07:39	0.003	0.003	0.003	0.004	0.006
9/19/2016	12:08:39	0.003	0.003	0.003	0.005	0.007
9/19/2016	12:09:39	0.002	0.003	0.003	0.004	0.005
9/19/2016	12:10:39	0.003	0.003	0.003	0.005	0.005
9/19/2016	12:11:39	0.003	0.003	0.004	0.005	0.007
9/19/2016	12:12:39	0.003	0.003	0.004	0.004	0.007
9/19/2016	12:13:39	0.002	0.003	0.003	0.004	0.005
9/19/2016	12:14:39	0.002	0.003	0.003	0.004	0.006
9/19/2016	12:15:39	0.002	0.002	0.003	0.004	0.004
9/19/2016	12:16:39	0.002	0.003	0.003	0.004	0.005
9/19/2016	12:17:39	0.002	0.002	0.003	0.003	0.005
9/19/2016	12:18:39	0.002	0.002	0.002	0.004	0.004
9/19/2016	12:19:39	0.002	0.002	0.002	0.003	0.004
9/19/2016	12:20:39	0.002	0.003	0.003	0.004	0.004
9/19/2016	12:21:39	0.002	0.002	0.002	0.004	0.004
9/19/2016	12:22:39	0.002	0.002	0.002	0.003	0.003
9/19/2016	12:23:39	0.002	0.002	0.002	0.003	0.004
9/19/2016	12:24:39	0.002	0.002	0.003	0.004	0.004
9/19/2016	12:25:39	0.002	0.002	0.002	0.003	0.004
9/19/2016	12:26:39	0.002	0.003	0.003	0.004	0.005
9/19/2016	12:27:39	0.002	0.002	0.003	0.004	0.005
9/19/2016	12:28:39	0.002	0.003	0.003	0.004	0.006
9/19/2016	12:29:39	0.002	0.003	0.003	0.004	0.005
9/19/2016	12:30:39	0.003	0.003	0.004	0.005	0.006
9/19/2016	12:31:39	0.002	0.003	0.003	0.004	0.004
9/19/2016	12:32:39	0.002	0.003	0.003	0.004	0.005
9/19/2016	12:33:39	0.003	0.003	0.003	0.004	0.007
9/19/2016	12:34:39	0.002	0.003	0.003	0.004	0.004

9/19/2016	12:35:39	0.003	0.003	0.004	0.004	0.006
9/19/2016	12:36:39	0.009	0.01	0.011	0.013	0.016
9/19/2016	12:37:39	0.013	0.015	0.017	0.019	0.023
9/19/2016	12:38:39	0.004	0.004	0.005	0.005	0.006
9/19/2016	12:39:39	0.002	0.003	0.003	0.004	0.007
9/19/2016	12:40:39	0.002	0.002	0.003	0.004	0.005
9/19/2016	12:41:39	0.002	0.002	0.003	0.004	0.004
9/19/2016	12:42:39	0.003	0.004	0.004	0.005	0.005
9/19/2016	12:43:39	0.002	0.002	0.003	0.004	0.006
9/19/2016	12:44:39	0.004	0.004	0.005	0.008	0.013
9/19/2016	12:45:39	0.004	0.005	0.005	0.008	0.014
9/19/2016	12:46:39	0.002	0.002	0.003	0.003	0.004
9/19/2016	12:47:39	0.003	0.003	0.003	0.004	0.008
9/19/2016	12:48:39	0.008	0.01	0.011	0.015	0.02
9/19/2016	12:49:39	0.005	0.006	0.006	0.008	0.013
9/19/2016	12:50:39	0.002	0.002	0.002	0.004	0.005
9/19/2016	12:51:39	0.002	0.002	0.003	0.004	0.007
9/19/2016	12:52:39	0.002	0.002	0.003	0.003	0.004
9/19/2016	12:53:39	0.002	0.002	0.003	0.004	0.006
9/19/2016	12:54:39	0.002	0.002	0.002	0.003	0.003
9/19/2016	12:55:39	0.002	0.002	0.003	0.003	0.007
9/19/2016	12:56:39	0.002	0.002	0.002	0.003	0.004
9/19/2016	12:57:39	0.002	0.002	0.003	0.004	0.005
9/19/2016	12:58:39	0.002	0.002	0.003	0.004	0.005
9/19/2016	12:59:39	0.002	0.002	0.003	0.004	0.007
9/19/2016	13:00:39	0.002	0.002	0.003	0.005	0.007
9/19/2016	13:01:39	0.003	0.003	0.004	0.005	0.007
9/19/2016	13:02:39	0.003	0.003	0.004	0.005	0.006
9/19/2016	13:03:39	0.003	0.003	0.003	0.005	0.006
9/19/2016	13:04:39	0.003	0.004	0.004	0.006	0.006
9/19/2016	13:05:39	0.002	0.003	0.003	0.004	0.004
9/19/2016	13:06:39	0.002	0.002	0.003	0.004	0.007
9/19/2016	13:07:39	0.002	0.002	0.003	0.004	0.004
9/19/2016	13:08:39	0.002	0.002	0.002	0.004	0.004
9/19/2016	13:09:39	0.002	0.002	0.002	0.004	0.004
9/19/2016	13:10:39	0.002	0.002	0.003	0.004	0.005
9/19/2016	13:11:39	0.002	0.003	0.003	0.005	0.008
9/19/2016	13:12:39	0.007	0.009	0.01	0.013	0.015
9/19/2016	13:13:39	0.004	0.005	0.005	0.007	0.008
9/19/2016	13:14:39	0.002	0.003	0.003	0.004	0.01
9/19/2016	13:15:39	0.001	0.002	0.002	0.003	0.004
9/19/2016	13:16:39	0.002	0.002	0.002	0.003	0.004
9/19/2016	13:17:39	0.002	0.002	0.002	0.003	0.004
9/19/2016	13:18:39	0.001	0.002	0.002	0.003	0.005
9/19/2016	13:19:39	0.001	0.002	0.002	0.003	0.004
9/19/2016	13:20:39	0.002	0.002	0.003	0.004	0.006
9/19/2016	13:21:39	0.002	0.002	0.003	0.004	0.005
9/19/2016	13:22:39	0.001	0.002	0.002	0.003	0.003
9/19/2016	13:23:39	0.001	0.002	0.002	0.003	0.005
9/19/2016	13:24:39	0.001	0.002	0.002	0.003	0.004
9/19/2016	13:25:39	0.001	0.002	0.002	0.003	0.003
9/19/2016	13:26:39	0.002	0.002	0.002	0.005	0.006
9/19/2016	13:27:39	0.002	0.002	0.003	0.005	0.008
9/19/2016	13:28:39	0.003	0.003	0.003	0.005	0.008
9/19/2016	13:29:39	0.003	0.003	0.004	0.005	0.007
9/19/2016	13:30:39	0.002	0.002	0.002	0.004	0.005
9/19/2016	13:31:39	0.002	0.002	0.002	0.004	0.009
9/19/2016	13:32:39	0.002	0.002	0.002	0.004	0.005
9/19/2016	13:33:39	0.002	0.002	0.002	0.003	0.006
9/19/2016	13:34:39	0.002	0.002	0.002	0.003	0.006
9/19/2016	13:35:39	0.001	0.002	0.002	0.003	0.004
9/19/2016	13:36:39	0.002	0.002	0.002	0.003	0.005
9/19/2016	13:37:39	0.001	0.002	0.002	0.003	0.005
9/19/2016	13:38:39	0.002	0.002	0.002	0.003	0.006
9/19/2016	13:39:39	0.001	0.001	0.002	0.003	0.003
9/19/2016	13:40:39	0.001	0.002	0.002	0.003	0.003
9/19/2016	13:41:39	0.001	0.002	0.002	0.003	0.004
9/19/2016	13:42:39	0.002	0.002	0.002	0.003	0.004
9/19/2016	13:43:39	0.002	0.002	0.002	0.003	0.005
9/19/2016	13:44:39	0.002	0.002	0.002	0.003	0.004
9/19/2016	13:45:39	0.002	0.002	0.002	0.004	0.006
9/19/2016	13:46:39	0.001	0.002	0.002	0.003	0.004
9/19/2016	13:47:39	0.002	0.002	0.002	0.003	0.006
9/19/2016	13:48:39	0.002	0.002	0.003	0.003	0.005
9/19/2016	13:49:39	0.001	0.001	0.002	0.002	0.003
9/19/2016	13:50:39	0.002	0.002	0.003	0.004	0.006
9/19/2016	13:51:39	0.002	0.002	0.002	0.003	0.005
9/19/2016	13:52:39	0.001	0.002	0.002	0.003	0.003
9/19/2016	13:53:39	0.001	0.001	0.002	0.002	0.003
9/19/2016	13:54:39	0.002	0.002	0.002	0.004	0.006
9/19/2016	13:55:39	0.002	0.002	0.002	0.004	0.005
9/19/2016	13:56:39	0.002	0.002	0.002	0.004	0.004
9/19/2016	13:57:39	0.001	0.002	0.002	0.003	0.003
9/19/2016	13:58:39	0.001	0.001	0.002	0.003	0.004
9/19/2016	13:59:39	0.001	0.001	0.002	0.002	0.002
9/19/2016	14:00:39	0.002	0.003	0.003	0.005	0.007
9/19/2016	14:01:39	0.001	0.002	0.002	0.003	0.004
9/19/2016	14:02:39	0.002	0.002	0.002	0.003	0.004
9/19/2016	14:03:39	0.002	0.002	0.003	0.005	0.007
9/19/2016	14:04:39	0.005	0.005	0.006	0.01	0.014

9/19/2016	14:05:39	0.004	0.005	0.005	0.008	0.01
9/19/2016	14:06:39	0.003	0.003	0.003	0.005	0.008
9/19/2016	14:07:39	0.002	0.002	0.003	0.004	0.007
9/19/2016	14:08:39	0.001	0.001	0.002	0.002	0.003
9/19/2016	14:09:39	0.002	0.002	0.003	0.004	0.005
9/19/2016	14:10:39	0.002	0.003	0.003	0.004	0.006
9/19/2016	14:11:39	0.002	0.002	0.003	0.004	0.004
9/19/2016	14:12:39	0.002	0.002	0.003	0.004	0.006
9/19/2016	14:13:39	0.002	0.003	0.003	0.004	0.006
9/19/2016	14:14:39	0.002	0.002	0.003	0.004	0.005
9/19/2016	14:15:39	0.002	0.003	0.003	0.004	0.007
9/19/2016	14:16:39	0.003	0.004	0.004	0.007	0.009
9/19/2016	14:17:39	0.002	0.003	0.003	0.005	0.006
9/19/2016	14:18:39	0.002	0.002	0.003	0.005	0.005
9/19/2016	14:19:39	0.002	0.002	0.003	0.005	0.006
9/19/2016	14:20:39	0.002	0.003	0.003	0.004	0.008
9/19/2016	14:21:39	0.002	0.003	0.003	0.004	0.004
9/19/2016	14:22:39	0.002	0.002	0.003	0.004	0.005
9/19/2016	14:23:39	0.002	0.002	0.003	0.004	0.005
9/19/2016	14:24:39	0.002	0.002	0.002	0.003	0.004
9/19/2016	14:25:39	0.002	0.003	0.003	0.004	0.005
9/19/2016	14:26:39	0.002	0.002	0.003	0.004	0.006
9/19/2016	14:27:39	0.002	0.002	0.003	0.004	0.006
9/19/2016	14:28:39	0.002	0.002	0.003	0.004	0.007
9/19/2016	14:29:39	0.002	0.002	0.002	0.004	0.005
9/19/2016	14:30:39	0.002	0.002	0.003	0.003	0.004
9/19/2016	14:31:39	0.002	0.002	0.002	0.003	0.004
9/19/2016	14:32:39	0.002	0.002	0.003	0.003	0.006
9/19/2016	14:33:39	0.002	0.002	0.003	0.004	0.005
9/19/2016	14:34:39	0.002	0.003	0.003	0.004	0.007
9/19/2016	14:35:39	0.002	0.002	0.003	0.003	0.004
9/19/2016	14:36:39	0.003	0.004	0.004	0.005	0.009
9/19/2016	14:37:39	0.003	0.003	0.003	0.004	0.005
9/19/2016	14:38:39	0.003	0.003	0.003	0.004	0.005
9/19/2016	14:39:39	0.005	0.005	0.005	0.008	0.01
9/19/2016	14:40:39	0.02	0.021	0.025	0.058	0.091
9/19/2016	14:41:39	0.003	0.003	0.003	0.005	0.007
9/19/2016	14:42:39	0.003	0.003	0.003	0.004	0.005
9/19/2016	14:43:39	0.002	0.003	0.003	0.003	0.004
9/19/2016	14:44:39	0.003	0.003	0.003	0.005	0.006
9/19/2016	14:45:39	0.002	0.003	0.003	0.004	0.005
9/19/2016	14:46:39	0.003	0.004	0.004	0.005	0.007
9/19/2016	14:47:39	0.002	0.003	0.003	0.004	0.005
9/19/2016	14:48:39	0.002	0.003	0.003	0.004	0.005
9/19/2016	14:49:39	0.002	0.002	0.003	0.004	0.006
9/19/2016	14:50:39	0.002	0.003	0.003	0.005	0.005
9/19/2016	14:51:39	0.002	0.003	0.003	0.004	0.004
9/19/2016	14:52:39	0.002	0.002	0.003	0.004	0.004
9/19/2016	14:53:39	0.002	0.002	0.003	0.004	0.004
9/19/2016	14:54:39	0.002	0.002	0.003	0.004	0.004
9/19/2016	14:55:39	0.002	0.003	0.003	0.004	0.005
9/19/2016	14:56:39	0.002	0.003	0.003	0.004	0.006
9/19/2016	14:57:39	0.002	0.003	0.003	0.004	0.005
9/19/2016	14:58:39	0.002	0.003	0.003	0.004	0.005
9/19/2016	14:59:39	0.002	0.002	0.003	0.004	0.005
9/19/2016	15:00:39	0.002	0.002	0.003	0.004	0.004
9/19/2016	15:01:39	0.002	0.002	0.002	0.003	0.004
9/19/2016	15:02:39	0.002	0.002	0.003	0.003	0.004
9/19/2016	15:03:39	0.002	0.003	0.003	0.004	0.004
9/19/2016	15:04:39	0.002	0.002	0.003	0.003	0.004
9/19/2016	15:05:39	0.002	0.002	0.003	0.003	0.004
9/19/2016	15:06:39	0.003	0.003	0.003	0.005	0.005
9/19/2016	15:07:39	0.002	0.003	0.003	0.004	0.005
9/19/2016	15:08:39	0.002	0.002	0.003	0.004	0.004
9/19/2016	15:09:39	0.002	0.002	0.003	0.004	0.004
9/19/2016	15:10:39	0.002	0.003	0.003	0.004	0.005
9/19/2016	15:11:39	0.003	0.003	0.003	0.004	0.006
9/19/2016	15:12:39	0.003	0.003	0.003	0.004	0.006
9/19/2016	15:13:39	0.003	0.003	0.003	0.004	0.004
9/19/2016	15:14:39	0.003	0.003	0.003	0.004	0.004
9/19/2016	15:15:39	0.003	0.003	0.003	0.004	0.005
9/19/2016	15:16:39	0.003	0.003	0.004	0.005	0.005
9/19/2016	15:17:39	0.003	0.003	0.003	0.004	0.004
9/19/2016	15:18:39	0.003	0.003	0.003	0.004	0.005
9/19/2016	15:19:39	0.002	0.003	0.003	0.004	0.005
9/19/2016	15:20:39	0.003	0.003	0.003	0.004	0.004
9/19/2016	15:21:39	0.003	0.003	0.003	0.004	0.005
9/19/2016	15:22:39	0.003	0.003	0.003	0.004	0.005
9/19/2016	15:23:39	0.007	0.007	0.007	0.01	0.012
9/19/2016	15:24:39	0.004	0.005	0.005	0.006	0.006

Model: DustTrak DRX
Model Number: 8533
Serial Number: 8533161711
Test ID: 2
Test Abbreviation: MANUAL_002
Start Date: 9/20/2016
Start Time: 7:25:00
Duration (dd:hh:mm:ss): 0:07:30:00
Log Interval (mm:ss): 1:00
Number of points: 450
Notes:

Statistics	Channel:	PM1	PM2.5	RESP	PM10	TOTAL
	Units:	mg/m^3	mg/m^3	mg/m^3	mg/m^3	mg/m^3
	Average:	0.011	0.011	0.012	0.014	0.016
	Minimum:	0	0.001	0.001	0.001	0.002
	Time of Minimum:	14:14:00	13:45:00	13:48:00	14:16:00	13:51:00
	Date of Minimum:	9/20/2016	9/20/2016	9/20/2016	9/20/2016	9/20/2016
	Maximum:	0.034	0.037	0.045	0.111	0.154
	Time of Maximum:	14:46:00	14:46:00	14:46:00	14:46:00	14:46:00
	Date of Maximum:	9/20/2016	9/20/2016	9/20/2016	9/20/2016	9/20/2016

Calibration Sensor: AEROSOL
Cal. date 4/20/2016

Date MM/dd/yyyy	Time hh:mm:ss	PM1 mg/m^3	PM2.5 mg/m^3	RESP mg/m^3	PM10 mg/m^3	TOTAL mg/m^3
9/20/2016	7:26:00	0.031	0.035	0.04	0.051	0.054
9/20/2016	7:27:00	0.026	0.027	0.028	0.03	0.031
9/20/2016	7:28:00	0.031	0.031	0.032	0.034	0.034
9/20/2016	7:29:00	0.027	0.028	0.029	0.03	0.031
9/20/2016	7:30:00	0.024	0.025	0.026	0.028	0.028
9/20/2016	7:31:00	0.025	0.025	0.026	0.028	0.028
9/20/2016	7:32:00	0.027	0.027	0.028	0.03	0.031
9/20/2016	7:33:00	0.027	0.028	0.029	0.031	0.031
9/20/2016	7:34:00	0.025	0.026	0.026	0.028	0.029
9/20/2016	7:35:00	0.031	0.031	0.032	0.033	0.033
9/20/2016	7:36:00	0.025	0.025	0.026	0.027	0.028
9/20/2016	7:37:00	0.023	0.024	0.025	0.026	0.027
9/20/2016	7:38:00	0.024	0.025	0.026	0.029	0.032
9/20/2016	7:39:00	0.026	0.027	0.028	0.033	0.037
9/20/2016	7:40:00	0.024	0.025	0.026	0.028	0.029
9/20/2016	7:41:00	0.024	0.025	0.026	0.029	0.031
9/20/2016	7:42:00	0.03	0.031	0.032	0.034	0.034
9/20/2016	7:43:00	0.022	0.023	0.024	0.025	0.026
9/20/2016	7:44:00	0.023	0.024	0.025	0.028	0.028
9/20/2016	7:45:00	0.023	0.023	0.024	0.027	0.029
9/20/2016	7:46:00	0.023	0.024	0.024	0.026	0.027
9/20/2016	7:47:00	0.022	0.023	0.023	0.024	0.025
9/20/2016	7:48:00	0.021	0.022	0.022	0.024	0.024
9/20/2016	7:49:00	0.021	0.022	0.022	0.023	0.026
9/20/2016	7:50:00	0.021	0.021	0.022	0.023	0.023
9/20/2016	7:51:00	0.02	0.021	0.021	0.022	0.022
9/20/2016	7:52:00	0.02	0.021	0.021	0.023	0.023
9/20/2016	7:53:00	0.02	0.021	0.022	0.023	0.023
9/20/2016	7:54:00	0.019	0.02	0.021	0.022	0.022
9/20/2016	7:55:00	0.02	0.02	0.021	0.022	0.022
9/20/2016	7:56:00	0.02	0.021	0.021	0.023	0.024
9/20/2016	7:57:00	0.02	0.02	0.021	0.022	0.023
9/20/2016	7:58:00	0.021	0.022	0.023	0.026	0.029
9/20/2016	7:59:00	0.019	0.019	0.02	0.021	0.022
9/20/2016	8:00:00	0.019	0.02	0.021	0.023	0.023
9/20/2016	8:01:00	0.019	0.019	0.02	0.021	0.022
9/20/2016	8:02:00	0.019	0.02	0.02	0.022	0.022
9/20/2016	8:03:00	0.018	0.019	0.019	0.021	0.021
9/20/2016	8:04:00	0.019	0.02	0.02	0.022	0.022
9/20/2016	8:05:00	0.02	0.02	0.021	0.023	0.024
9/20/2016	8:06:00	0.019	0.019	0.02	0.021	0.021
9/20/2016	8:07:00	0.019	0.02	0.02	0.022	0.026
9/20/2016	8:08:00	0.019	0.02	0.02	0.021	0.023
9/20/2016	8:09:00	0.018	0.019	0.019	0.02	0.02
9/20/2016	8:10:00	0.018	0.019	0.019	0.02	0.02
9/20/2016	8:11:00	0.018	0.019	0.019	0.02	0.02
9/20/2016	8:12:00	0.018	0.018	0.019	0.02	0.021
9/20/2016	8:13:00	0.018	0.019	0.019	0.02	0.02
9/20/2016	8:14:00	0.018	0.019	0.019	0.021	0.021
9/20/2016	8:15:00	0.018	0.018	0.019	0.02	0.02
9/20/2016	8:16:00	0.018	0.018	0.019	0.02	0.02
9/20/2016	8:17:00	0.019	0.019	0.02	0.021	0.021
9/20/2016	8:18:00	0.018	0.019	0.019	0.02	0.02
9/20/2016	8:19:00	0.017	0.018	0.018	0.019	0.019
9/20/2016	8:20:00	0.017	0.018	0.018	0.019	0.019
9/20/2016	8:21:00	0.018	0.018	0.019	0.02	0.021
9/20/2016	8:22:00	0.018	0.019	0.019	0.02	0.02
9/20/2016	8:23:00	0.018	0.019	0.019	0.02	0.02
9/20/2016	8:24:00	0.019	0.019	0.019	0.02	0.02
9/20/2016	8:25:00	0.019	0.02	0.02	0.021	0.023
9/20/2016	8:26:00	0.018	0.019	0.019	0.02	0.021
9/20/2016	8:27:00	0.018	0.019	0.019	0.02	0.021
9/20/2016	8:28:00	0.023	0.024	0.026	0.035	0.043
9/20/2016	8:29:00	0.018	0.019	0.019	0.02	0.021
9/20/2016	8:30:00	0.018	0.019	0.02	0.021	0.021
9/20/2016	8:31:00	0.018	0.018	0.019	0.019	0.019
9/20/2016	8:32:00	0.018	0.018	0.019	0.02	0.02

9/20/2016	8:33:00	0.018	0.019	0.019	0.02	0.021
9/20/2016	8:34:00	0.018	0.019	0.019	0.02	0.021
9/20/2016	8:35:00	0.019	0.019	0.019	0.021	0.021
9/20/2016	8:36:00	0.018	0.018	0.019	0.02	0.02
9/20/2016	8:37:00	0.018	0.019	0.019	0.021	0.021
9/20/2016	8:38:00	0.018	0.018	0.018	0.019	0.022
9/20/2016	8:39:00	0.02	0.02	0.021	0.023	0.023
9/20/2016	8:40:00	0.02	0.02	0.021	0.023	0.023
9/20/2016	8:41:00	0.019	0.019	0.02	0.021	0.023
9/20/2016	8:42:00	0.02	0.021	0.021	0.023	0.024
9/20/2016	8:43:00	0.019	0.019	0.02	0.021	0.021
9/20/2016	8:44:00	0.02	0.021	0.022	0.024	0.024
9/20/2016	8:45:00	0.019	0.019	0.02	0.021	0.022
9/20/2016	8:46:00	0.017	0.018	0.018	0.019	0.02
9/20/2016	8:47:00	0.019	0.019	0.019	0.02	0.02
9/20/2016	8:48:00	0.019	0.019	0.02	0.023	0.023
9/20/2016	8:49:00	0.019	0.019	0.02	0.022	0.022
9/20/2016	8:50:00	0.018	0.019	0.019	0.02	0.02
9/20/2016	8:51:00	0.017	0.018	0.018	0.019	0.02
9/20/2016	8:52:00	0.018	0.018	0.018	0.019	0.02
9/20/2016	8:53:00	0.019	0.019	0.019	0.02	0.021
9/20/2016	8:54:00	0.017	0.018	0.018	0.019	0.019
9/20/2016	8:55:00	0.017	0.018	0.018	0.019	0.019
9/20/2016	8:56:00	0.016	0.017	0.017	0.018	0.018
9/20/2016	8:57:00	0.017	0.017	0.018	0.018	0.021
9/20/2016	8:58:00	0.017	0.017	0.017	0.018	0.019
9/20/2016	8:59:00	0.017	0.017	0.018	0.019	0.019
9/20/2016	9:00:00	0.017	0.017	0.018	0.019	0.019
9/20/2016	9:01:00	0.016	0.017	0.017	0.018	0.019
9/20/2016	9:02:00	0.017	0.018	0.018	0.019	0.019
9/20/2016	9:03:00	0.018	0.018	0.019	0.02	0.02
9/20/2016	9:04:00	0.017	0.017	0.018	0.018	0.019
9/20/2016	9:05:00	0.018	0.018	0.018	0.019	0.019
9/20/2016	9:06:00	0.017	0.018	0.018	0.019	0.02
9/20/2016	9:07:00	0.019	0.019	0.02	0.021	0.022
9/20/2016	9:08:00	0.019	0.02	0.02	0.022	0.025
9/20/2016	9:09:00	0.02	0.021	0.021	0.022	0.022
9/20/2016	9:10:00	0.018	0.019	0.019	0.02	0.02
9/20/2016	9:11:00	0.018	0.018	0.019	0.02	0.021
9/20/2016	9:12:00	0.02	0.021	0.021	0.022	0.025
9/20/2016	9:13:00	0.018	0.019	0.019	0.02	0.02
9/20/2016	9:14:00	0.018	0.019	0.019	0.02	0.021
9/20/2016	9:15:00	0.022	0.022	0.023	0.024	0.025
9/20/2016	9:16:00	0.019	0.019	0.019	0.021	0.022
9/20/2016	9:17:00	0.019	0.019	0.02	0.021	0.021
9/20/2016	9:18:00	0.018	0.018	0.019	0.02	0.021
9/20/2016	9:19:00	0.018	0.019	0.019	0.02	0.02
9/20/2016	9:20:00	0.019	0.019	0.02	0.02	0.022
9/20/2016	9:21:00	0.017	0.017	0.018	0.018	0.018
9/20/2016	9:22:00	0.017	0.018	0.018	0.019	0.02
9/20/2016	9:23:00	0.017	0.018	0.018	0.019	0.019
9/20/2016	9:24:00	0.017	0.017	0.018	0.019	0.019
9/20/2016	9:25:00	0.017	0.018	0.018	0.019	0.021
9/20/2016	9:26:00	0.019	0.019	0.02	0.021	0.022
9/20/2016	9:27:00	0.018	0.018	0.019	0.02	0.021
9/20/2016	9:28:00	0.017	0.017	0.018	0.019	0.02
9/20/2016	9:29:00	0.015	0.015	0.016	0.017	0.017
9/20/2016	9:30:00	0.016	0.017	0.017	0.018	0.019
9/20/2016	9:31:00	0.017	0.018	0.018	0.019	0.02
9/20/2016	9:32:00	0.018	0.018	0.018	0.02	0.021
9/20/2016	9:33:00	0.021	0.022	0.023	0.034	0.038
9/20/2016	9:34:00	0.015	0.016	0.016	0.017	0.017
9/20/2016	9:35:00	0.015	0.016	0.016	0.018	0.021
9/20/2016	9:36:00	0.015	0.015	0.015	0.016	0.017
9/20/2016	9:37:00	0.015	0.015	0.016	0.017	0.017
9/20/2016	9:38:00	0.016	0.017	0.017	0.019	0.019
9/20/2016	9:39:00	0.016	0.016	0.017	0.018	0.019
9/20/2016	9:40:00	0.014	0.015	0.015	0.016	0.018
9/20/2016	9:41:00	0.015	0.015	0.016	0.018	0.019
9/20/2016	9:42:00	0.015	0.016	0.016	0.018	0.019
9/20/2016	9:43:00	0.014	0.015	0.015	0.017	0.018
9/20/2016	9:44:00	0.015	0.016	0.016	0.018	0.019
9/20/2016	9:45:00	0.016	0.017	0.017	0.02	0.022
9/20/2016	9:46:00	0.015	0.015	0.016	0.018	0.018
9/20/2016	9:47:00	0.013	0.014	0.014	0.015	0.015
9/20/2016	9:48:00	0.013	0.014	0.014	0.015	0.015
9/20/2016	9:49:00	0.013	0.013	0.014	0.015	0.015
9/20/2016	9:50:00	0.013	0.014	0.014	0.015	0.016
9/20/2016	9:51:00	0.013	0.014	0.014	0.015	0.017
9/20/2016	9:52:00	0.013	0.014	0.014	0.015	0.015
9/20/2016	9:53:00	0.013	0.013	0.014	0.015	0.015
9/20/2016	9:54:00	0.017	0.017	0.018	0.022	0.026
9/20/2016	9:55:00	0.014	0.015	0.015	0.018	0.019
9/20/2016	9:56:00	0.013	0.013	0.013	0.014	0.015
9/20/2016	9:57:00	0.015	0.015	0.015	0.017	0.024
9/20/2016	9:58:00	0.013	0.014	0.014	0.015	0.015
9/20/2016	9:59:00	0.014	0.014	0.014	0.016	0.018
9/20/2016	10:00:00	0.015	0.015	0.016	0.017	0.019
9/20/2016	10:01:00	0.013	0.013	0.014	0.014	0.014
9/20/2016	10:02:00	0.017	0.017	0.018	0.023	0.028
9/20/2016	10:03:00	0.025	0.026	0.029	0.044	0.053
9/20/2016	10:04:00	0.015	0.015	0.016	0.02	0.024
9/20/2016	10:05:00	0.021	0.021	0.023	0.03	0.037
9/20/2016	10:06:00	0.014	0.014	0.014	0.016	0.019
9/20/2016	10:07:00	0.015	0.015	0.016	0.019	0.021
9/20/2016	10:08:00	0.019	0.02	0.021	0.034	0.042

9/20/2016	10:09:00	0.014	0.014	0.015	0.018	0.02
9/20/2016	10:10:00	0.013	0.013	0.013	0.014	0.014
9/20/2016	10:11:00	0.013	0.014	0.014	0.016	0.016
9/20/2016	10:12:00	0.012	0.013	0.013	0.014	0.015
9/20/2016	10:13:00	0.014	0.014	0.015	0.018	0.02
9/20/2016	10:14:00	0.015	0.015	0.016	0.019	0.021
9/20/2016	10:15:00	0.012	0.013	0.013	0.014	0.014
9/20/2016	10:16:00	0.022	0.023	0.024	0.032	0.041
9/20/2016	10:17:00	0.013	0.014	0.014	0.017	0.018
9/20/2016	10:18:00	0.013	0.013	0.014	0.015	0.016
9/20/2016	10:19:00	0.012	0.013	0.013	0.014	0.015
9/20/2016	10:20:00	0.012	0.012	0.013	0.014	0.014
9/20/2016	10:21:00	0.012	0.013	0.013	0.014	0.014
9/20/2016	10:22:00	0.012	0.013	0.013	0.015	0.016
9/20/2016	10:23:00	0.012	0.012	0.013	0.014	0.014
9/20/2016	10:24:00	0.014	0.014	0.015	0.019	0.023
9/20/2016	10:25:00	0.013	0.014	0.014	0.018	0.02
9/20/2016	10:26:00	0.011	0.011	0.011	0.012	0.013
9/20/2016	10:27:00	0.012	0.013	0.013	0.016	0.017
9/20/2016	10:28:00	0.011	0.011	0.012	0.012	0.016
9/20/2016	10:29:00	0.01	0.01	0.011	0.012	0.012
9/20/2016	10:30:00	0.014	0.015	0.016	0.023	0.025
9/20/2016	10:31:00	0.011	0.012	0.012	0.014	0.016
9/20/2016	10:32:00	0.014	0.014	0.014	0.016	0.016
9/20/2016	10:33:00	0.013	0.014	0.014	0.015	0.017
9/20/2016	10:34:00	0.012	0.012	0.012	0.014	0.015
9/20/2016	10:35:00	0.011	0.011	0.012	0.014	0.014
9/20/2016	10:36:00	0.012	0.012	0.012	0.015	0.016
9/20/2016	10:37:00	0.011	0.011	0.011	0.013	0.014
9/20/2016	10:38:00	0.012	0.012	0.013	0.016	0.017
9/20/2016	10:39:00	0.011	0.011	0.012	0.015	0.015
9/20/2016	10:40:00	0.01	0.01	0.01	0.012	0.012
9/20/2016	10:41:00	0.01	0.01	0.01	0.012	0.012
9/20/2016	10:42:00	0.01	0.011	0.011	0.012	0.013
9/20/2016	10:43:00	0.01	0.01	0.011	0.012	0.012
9/20/2016	10:44:00	0.011	0.011	0.012	0.014	0.017
9/20/2016	10:45:00	0.01	0.011	0.011	0.013	0.016
9/20/2016	10:46:00	0.01	0.01	0.01	0.011	0.011
9/20/2016	10:47:00	0.009	0.01	0.01	0.011	0.012
9/20/2016	10:48:00	0.009	0.01	0.01	0.012	0.012
9/20/2016	10:49:00	0.009	0.01	0.01	0.011	0.011
9/20/2016	10:50:00	0.009	0.01	0.01	0.011	0.013
9/20/2016	10:51:00	0.01	0.01	0.011	0.012	0.014
9/20/2016	10:52:00	0.01	0.01	0.01	0.012	0.012
9/20/2016	10:53:00	0.011	0.011	0.011	0.013	0.013
9/20/2016	10:54:00	0.01	0.01	0.011	0.012	0.013
9/20/2016	10:55:00	0.01	0.01	0.011	0.011	0.012
9/20/2016	10:56:00	0.013	0.014	0.014	0.019	0.02
9/20/2016	10:57:00	0.011	0.012	0.012	0.014	0.016
9/20/2016	10:58:00	0.009	0.009	0.009	0.011	0.012
9/20/2016	10:59:00	0.009	0.009	0.01	0.011	0.012
9/20/2016	11:00:00	0.009	0.009	0.009	0.01	0.011
9/20/2016	11:01:00	0.009	0.009	0.009	0.01	0.012
9/20/2016	11:02:00	0.009	0.009	0.009	0.01	0.011
9/20/2016	11:03:00	0.009	0.009	0.009	0.01	0.011
9/20/2016	11:04:00	0.009	0.009	0.009	0.01	0.011
9/20/2016	11:05:00	0.008	0.008	0.008	0.009	0.01
9/20/2016	11:06:00	0.008	0.008	0.009	0.009	0.01
9/20/2016	11:07:00	0.008	0.009	0.009	0.01	0.011
9/20/2016	11:08:00	0.008	0.008	0.009	0.009	0.01
9/20/2016	11:09:00	0.01	0.01	0.01	0.012	0.014
9/20/2016	11:10:00	0.008	0.009	0.009	0.01	0.011
9/20/2016	11:11:00	0.009	0.009	0.009	0.01	0.012
9/20/2016	11:12:00	0.008	0.008	0.008	0.009	0.011
9/20/2016	11:13:00	0.008	0.008	0.009	0.009	0.009
9/20/2016	11:14:00	0.008	0.009	0.009	0.01	0.01
9/20/2016	11:15:00	0.008	0.008	0.009	0.009	0.009
9/20/2016	11:16:00	0.008	0.008	0.009	0.01	0.01
9/20/2016	11:17:00	0.008	0.008	0.008	0.009	0.009
9/20/2016	11:18:00	0.008	0.008	0.009	0.01	0.012
9/20/2016	11:19:00	0.008	0.008	0.008	0.009	0.009
9/20/2016	11:20:00	0.008	0.008	0.009	0.01	0.011
9/20/2016	11:21:00	0.008	0.008	0.009	0.01	0.011
9/20/2016	11:22:00	0.008	0.008	0.009	0.01	0.01
9/20/2016	11:23:00	0.009	0.009	0.01	0.011	0.013
9/20/2016	11:24:00	0.009	0.009	0.01	0.012	0.013
9/20/2016	11:25:00	0.009	0.009	0.01	0.012	0.017
9/20/2016	11:26:00	0.009	0.009	0.009	0.012	0.014
9/20/2016	11:27:00	0.012	0.012	0.013	0.016	0.019
9/20/2016	11:28:00	0.008	0.008	0.008	0.01	0.011
9/20/2016	11:29:00	0.01	0.01	0.01	0.012	0.018
9/20/2016	11:30:00	0.009	0.009	0.009	0.011	0.013
9/20/2016	11:31:00	0.008	0.008	0.009	0.009	0.01
9/20/2016	11:32:00	0.009	0.009	0.009	0.011	0.013
9/20/2016	11:33:00	0.009	0.009	0.009	0.011	0.013
9/20/2016	11:34:00	0.008	0.008	0.008	0.01	0.01
9/20/2016	11:35:00	0.009	0.01	0.01	0.014	0.016
9/20/2016	11:36:00	0.007	0.008	0.008	0.011	0.012
9/20/2016	11:37:00	0.008	0.008	0.009	0.011	0.014
9/20/2016	11:38:00	0.008	0.008	0.008	0.01	0.011
9/20/2016	11:39:00	0.011	0.012	0.013	0.02	0.026
9/20/2016	11:40:00	0.008	0.008	0.009	0.012	0.013
9/20/2016	11:41:00	0.009	0.009	0.01	0.013	0.017
9/20/2016	11:42:00	0.008	0.008	0.009	0.011	0.012
9/20/2016	11:43:00	0.007	0.007	0.007	0.008	0.009
9/20/2016	11:44:00	0.007	0.007	0.007	0.009	0.009

9/20/2016	11:45:00	0.007	0.007	0.007	0.008	0.011
9/20/2016	11:46:00	0.007	0.007	0.008	0.009	0.009
9/20/2016	11:47:00	0.008	0.008	0.009	0.012	0.013
9/20/2016	11:48:00	0.007	0.007	0.008	0.009	0.012
9/20/2016	11:49:00	0.007	0.007	0.008	0.009	0.011
9/20/2016	11:50:00	0.009	0.01	0.01	0.016	0.019
9/20/2016	11:51:00	0.009	0.009	0.01	0.014	0.015
9/20/2016	11:52:00	0.008	0.008	0.009	0.011	0.012
9/20/2016	11:53:00	0.007	0.007	0.007	0.008	0.01
9/20/2016	11:54:00	0.007	0.007	0.007	0.009	0.011
9/20/2016	11:55:00	0.007	0.008	0.008	0.01	0.013
9/20/2016	11:56:00	0.006	0.006	0.007	0.008	0.009
9/20/2016	11:57:00	0.018	0.019	0.021	0.036	0.045
9/20/2016	11:58:00	0.006	0.006	0.007	0.008	0.009
9/20/2016	11:59:00	0.006	0.006	0.007	0.008	0.011
9/20/2016	12:00:00	0.007	0.008	0.008	0.01	0.011
9/20/2016	12:01:00	0.006	0.006	0.007	0.008	0.009
9/20/2016	12:02:00	0.011	0.012	0.013	0.019	0.023
9/20/2016	12:03:00	0.006	0.007	0.007	0.008	0.009
9/20/2016	12:04:00	0.006	0.006	0.007	0.008	0.009
9/20/2016	12:05:00	0.008	0.009	0.009	0.013	0.016
9/20/2016	12:06:00	0.006	0.007	0.007	0.009	0.012
9/20/2016	12:07:00	0.006	0.006	0.007	0.009	0.01
9/20/2016	12:08:00	0.005	0.006	0.006	0.007	0.008
9/20/2016	12:09:00	0.008	0.009	0.01	0.019	0.023
9/20/2016	12:10:00	0.006	0.007	0.007	0.01	0.012
9/20/2016	12:11:00	0.005	0.005	0.005	0.006	0.007
9/20/2016	12:12:00	0.006	0.006	0.006	0.008	0.011
9/20/2016	12:13:00	0.005	0.005	0.005	0.006	0.008
9/20/2016	12:14:00	0.005	0.005	0.005	0.006	0.006
9/20/2016	12:15:00	0.005	0.005	0.005	0.007	0.009
9/20/2016	12:16:00	0.005	0.005	0.006	0.007	0.007
9/20/2016	12:17:00	0.005	0.006	0.006	0.007	0.008
9/20/2016	12:18:00	0.022	0.026	0.031	0.054	0.063
9/20/2016	12:19:00	0.008	0.009	0.011	0.016	0.019
9/20/2016	12:20:00	0.004	0.005	0.005	0.006	0.006
9/20/2016	12:21:00	0.004	0.005	0.005	0.005	0.005
9/20/2016	12:22:00	0.004	0.005	0.005	0.006	0.008
9/20/2016	12:23:00	0.011	0.012	0.014	0.025	0.033
9/20/2016	12:24:00	0.015	0.017	0.02	0.037	0.047
9/20/2016	12:25:00	0.007	0.007	0.008	0.012	0.017
9/20/2016	12:26:00	0.004	0.004	0.005	0.006	0.009
9/20/2016	12:27:00	0.004	0.005	0.005	0.006	0.007
9/20/2016	12:28:00	0.005	0.005	0.005	0.008	0.01
9/20/2016	12:29:00	0.004	0.005	0.005	0.006	0.007
9/20/2016	12:30:00	0.004	0.004	0.005	0.006	0.008
9/20/2016	12:31:00	0.004	0.005	0.005	0.006	0.009
9/20/2016	12:32:00	0.004	0.005	0.005	0.005	0.005
9/20/2016	12:33:00	0.004	0.004	0.005	0.006	0.006
9/20/2016	12:34:00	0.004	0.004	0.005	0.005	0.007
9/20/2016	12:35:00	0.004	0.004	0.004	0.005	0.006
9/20/2016	12:36:00	0.004	0.004	0.005	0.006	0.007
9/20/2016	12:37:00	0.004	0.005	0.005	0.006	0.008
9/20/2016	12:38:00	0.004	0.004	0.005	0.006	0.007
9/20/2016	12:39:00	0.004	0.005	0.005	0.006	0.008
9/20/2016	12:40:00	0.004	0.005	0.005	0.006	0.007
9/20/2016	12:41:00	0.005	0.005	0.006	0.006	0.008
9/20/2016	12:42:00	0.004	0.004	0.005	0.006	0.008
9/20/2016	12:43:00	0.004	0.004	0.004	0.005	0.006
9/20/2016	12:44:00	0.004	0.004	0.005	0.006	0.007
9/20/2016	12:45:00	0.003	0.004	0.004	0.005	0.005
9/20/2016	12:46:00	0.003	0.004	0.004	0.005	0.006
9/20/2016	12:47:00	0.003	0.003	0.004	0.004	0.005
9/20/2016	12:48:00	0.004	0.004	0.004	0.006	0.007
9/20/2016	12:49:00	0.003	0.003	0.004	0.005	0.005
9/20/2016	12:50:00	0.004	0.005	0.005	0.006	0.007
9/20/2016	12:51:00	0.004	0.005	0.005	0.007	0.008
9/20/2016	12:52:00	0.004	0.004	0.004	0.006	0.007
9/20/2016	12:53:00	0.006	0.006	0.007	0.012	0.015
9/20/2016	12:54:00	0.003	0.003	0.004	0.004	0.008
9/20/2016	12:55:00	0.003	0.003	0.003	0.004	0.004
9/20/2016	12:56:00	0.004	0.004	0.005	0.006	0.007
9/20/2016	12:57:00	0.004	0.004	0.004	0.006	0.009
9/20/2016	12:58:00	0.003	0.004	0.004	0.005	0.007
9/20/2016	12:59:00	0.003	0.003	0.003	0.004	0.006
9/20/2016	13:00:00	0.004	0.004	0.004	0.005	0.007
9/20/2016	13:01:00	0.004	0.004	0.004	0.005	0.007
9/20/2016	13:02:00	0.004	0.004	0.004	0.005	0.007
9/20/2016	13:03:00	0.003	0.003	0.004	0.004	0.005
9/20/2016	13:04:00	0.003	0.004	0.004	0.005	0.005
9/20/2016	13:05:00	0.004	0.004	0.004	0.005	0.006
9/20/2016	13:06:00	0.003	0.004	0.004	0.005	0.006
9/20/2016	13:07:00	0.003	0.003	0.003	0.004	0.006
9/20/2016	13:08:00	0.003	0.003	0.003	0.004	0.005
9/20/2016	13:09:00	0.003	0.003	0.003	0.005	0.007
9/20/2016	13:10:00	0.003	0.003	0.003	0.004	0.004
9/20/2016	13:11:00	0.003	0.003	0.003	0.004	0.005
9/20/2016	13:12:00	0.003	0.004	0.004	0.005	0.006
9/20/2016	13:13:00	0.003	0.003	0.003	0.004	0.005
9/20/2016	13:14:00	0.003	0.003	0.003	0.005	0.005
9/20/2016	13:15:00	0.003	0.003	0.003	0.004	0.005
9/20/2016	13:16:00	0.003	0.004	0.004	0.005	0.008
9/20/2016	13:17:00	0.007	0.008	0.009	0.015	0.019
9/20/2016	13:18:00	0.005	0.005	0.006	0.011	0.015
9/20/2016	13:19:00	0.003	0.004	0.004	0.007	0.008
9/20/2016	13:20:00	0.003	0.003	0.003	0.004	0.006

9/20/2016	13:21:00	0.003	0.003	0.003	0.004	0.005
9/20/2016	13:22:00	0.002	0.003	0.003	0.003	0.004
9/20/2016	13:23:00	0.003	0.003	0.003	0.004	0.005
9/20/2016	13:24:00	0.002	0.003	0.003	0.004	0.004
9/20/2016	13:25:00	0.003	0.003	0.003	0.004	0.005
9/20/2016	13:26:00	0.003	0.003	0.003	0.004	0.004
9/20/2016	13:27:00	0.002	0.003	0.003	0.003	0.004
9/20/2016	13:28:00	0.002	0.002	0.003	0.003	0.003
9/20/2016	13:29:00	0.002	0.003	0.003	0.003	0.003
9/20/2016	13:30:00	0.002	0.003	0.003	0.003	0.005
9/20/2016	13:31:00	0.003	0.003	0.003	0.004	0.006
9/20/2016	13:32:00	0.003	0.004	0.004	0.005	0.006
9/20/2016	13:33:00	0.003	0.003	0.003	0.004	0.005
9/20/2016	13:34:00	0.002	0.002	0.003	0.004	0.004
9/20/2016	13:35:00	0.005	0.005	0.006	0.009	0.011
9/20/2016	13:36:00	0.008	0.009	0.012	0.026	0.034
9/20/2016	13:37:00	0.02	0.022	0.027	0.05	0.058
9/20/2016	13:38:00	0.006	0.007	0.008	0.015	0.022
9/20/2016	13:39:00	0.005	0.006	0.007	0.014	0.018
9/20/2016	13:40:00	0.002	0.002	0.002	0.003	0.005
9/20/2016	13:41:00	0.003	0.003	0.004	0.006	0.007
9/20/2016	13:42:00	0.003	0.003	0.004	0.007	0.009
9/20/2016	13:43:00	0.001	0.002	0.002	0.003	0.004
9/20/2016	13:44:00	0.002	0.002	0.002	0.003	0.005
9/20/2016	13:45:00	0.001	0.001	0.002	0.002	0.003
9/20/2016	13:46:00	0.002	0.002	0.003	0.005	0.007
9/20/2016	13:47:00	0.002	0.002	0.003	0.004	0.006
9/20/2016	13:48:00	0.001	0.001	0.001	0.002	0.003
9/20/2016	13:49:00	0.001	0.001	0.002	0.003	0.004
9/20/2016	13:50:00	0.003	0.004	0.004	0.009	0.013
9/20/2016	13:51:00	0.001	0.001	0.001	0.002	0.002
9/20/2016	13:52:00	0.001	0.001	0.002	0.002	0.005
9/20/2016	13:53:00	0.001	0.001	0.001	0.002	0.002
9/20/2016	13:54:00	0.001	0.001	0.002	0.002	0.003
9/20/2016	13:55:00	0.001	0.001	0.002	0.003	0.003
9/20/2016	13:56:00	0.001	0.001	0.001	0.002	0.002
9/20/2016	13:57:00	0.002	0.002	0.003	0.004	0.005
9/20/2016	13:58:00	0.002	0.002	0.003	0.004	0.005
9/20/2016	13:59:00	0.003	0.003	0.003	0.005	0.005
9/20/2016	14:00:00	0.002	0.002	0.002	0.003	0.005
9/20/2016	14:01:00	0.001	0.001	0.001	0.003	0.005
9/20/2016	14:02:00	0.003	0.004	0.005	0.009	0.011
9/20/2016	14:03:00	0.001	0.001	0.001	0.002	0.003
9/20/2016	14:04:00	0.002	0.002	0.003	0.005	0.007
9/20/2016	14:05:00	0.002	0.003	0.003	0.005	0.007
9/20/2016	14:06:00	0.003	0.003	0.003	0.006	0.008
9/20/2016	14:07:00	0.004	0.004	0.005	0.007	0.008
9/20/2016	14:08:00	0.002	0.003	0.003	0.005	0.007
9/20/2016	14:09:00	0.006	0.006	0.007	0.013	0.018
9/20/2016	14:10:00	0.008	0.009	0.011	0.024	0.031
9/20/2016	14:11:00	0.008	0.009	0.01	0.02	0.027
9/20/2016	14:12:00	0.003	0.004	0.004	0.009	0.013
9/20/2016	14:13:00	0.001	0.001	0.001	0.003	0.005
9/20/2016	14:14:00	0	0.001	0.001	0.003	0.003
9/20/2016	14:15:00	0.002	0.002	0.002	0.004	0.005
9/20/2016	14:16:00	0.001	0.001	0.001	0.001	0.002
9/20/2016	14:17:00	0.012	0.013	0.016	0.037	0.045
9/20/2016	14:18:00	0.001	0.001	0.001	0.002	0.002
9/20/2016	14:19:00	0.001	0.001	0.002	0.003	0.003
9/20/2016	14:20:00	0.014	0.015	0.018	0.032	0.04
9/20/2016	14:21:00	0.004	0.004	0.004	0.007	0.009
9/20/2016	14:22:00	0.002	0.002	0.002	0.005	0.006
9/20/2016	14:23:00	0.001	0.001	0.001	0.003	0.007
9/20/2016	14:24:00	0.001	0.001	0.001	0.002	0.002
9/20/2016	14:25:00	0.002	0.003	0.003	0.004	0.005
9/20/2016	14:26:00	0.007	0.008	0.009	0.018	0.023
9/20/2016	14:27:00	0.002	0.003	0.003	0.006	0.012
9/20/2016	14:28:00	0.003	0.003	0.004	0.006	0.008
9/20/2016	14:29:00	0.002	0.002	0.003	0.005	0.007
9/20/2016	14:30:00	0.002	0.002	0.003	0.004	0.004
9/20/2016	14:31:00	0.004	0.005	0.006	0.011	0.012
9/20/2016	14:32:00	0.002	0.002	0.002	0.004	0.005
9/20/2016	14:33:00	0.001	0.001	0.002	0.002	0.004
9/20/2016	14:34:00	0.003	0.003	0.003	0.005	0.007
9/20/2016	14:35:00	0.001	0.002	0.002	0.003	0.005
9/20/2016	14:36:00	0.003	0.003	0.003	0.006	0.006
9/20/2016	14:37:00	0.004	0.004	0.005	0.008	0.011
9/20/2016	14:38:00	0.001	0.001	0.001	0.002	0.003
9/20/2016	14:39:00	0.006	0.006	0.006	0.009	0.012
9/20/2016	14:40:00	0.006	0.006	0.007	0.012	0.016
9/20/2016	14:41:00	0.001	0.001	0.001	0.002	0.003
9/20/2016	14:42:00	0.001	0.001	0.001	0.002	0.004
9/20/2016	14:43:00	0.026	0.028	0.033	0.071	0.101
9/20/2016	14:44:00	0.01	0.011	0.014	0.032	0.044
9/20/2016	14:45:00	0.003	0.004	0.004	0.007	0.007
9/20/2016	14:46:00	0.034	0.037	0.045	0.111	0.154
9/20/2016	14:47:00	0.002	0.002	0.003	0.005	0.006
9/20/2016	14:48:00	0.002	0.002	0.002	0.003	0.004
9/20/2016	14:49:00	0.002	0.002	0.003	0.006	0.007
9/20/2016	14:50:00	0.001	0.001	0.001	0.002	0.003
9/20/2016	14:51:00	0.003	0.004	0.004	0.004	0.004
9/20/2016	14:52:00	0.001	0.001	0.001	0.003	0.004
9/20/2016	14:53:00	0.001	0.001	0.002	0.003	0.004
9/20/2016	14:54:00	0.001	0.001	0.001	0.002	0.005
9/20/2016	14:55:00	0.001	0.001	0.001	0.002	0.004

Model: DustTrak DRX
Model Number: 8533
Serial Number: 8533161711
Test ID: 3
Test Abbreviation: MANUAL_003
Start Date: 9/21/2016
Start Time: 7:25:01
Duration (dd:hh:mm:ss): 0:07:57:00
Log Interval (mm:ss): 1:00
Number of points: 477
Notes:

Statistics	Channel:	PM1	PM2.5	RESP	PM10	TOTAL
	Units:	mg/m^3	mg/m^3	mg/m^3	mg/m^3	mg/m^3
	Average:	0.007	0.008	0.008	0.013	0.014
	Minimum:	0	0	0	0	0
	Time of Minimum:	11:11:01	11:22:01	11:29:01	11:40:01	12:10:01
	Date of Minimum:	9/21/2016	9/21/2016	9/21/2016	9/21/2016	9/21/2016
	Maximum:	0.124	0.135	0.158	0.294	0.346
	Time of Maximum:	13:07:01	13:07:01	13:07:01	13:07:01	14:46:01
	Date of Maximum:	9/21/2016	9/21/2016	9/21/2016	9/21/2016	9/21/2016

Calibration Sensor: AEROSOL
Cal. date 4/20/2016

Date	Time	PM1	PM2.5	RESP	PM10	TOTAL
MM/dd/yyyy	hh:mm:ss	mg/m^3	mg/m^3	mg/m^3	mg/m^3	mg/m^3
9/21/2016	7:26:01	0.009	0.01	0.01	0.014	0.014
9/21/2016	7:27:01	0.011	0.012	0.013	0.018	0.019
9/21/2016	7:28:01	0.013	0.014	0.016	0.022	0.026
9/21/2016	7:29:01	0.045	0.051	0.061	0.097	0.114
9/21/2016	7:30:01	0.01	0.011	0.012	0.015	0.017
9/21/2016	7:31:01	0.009	0.01	0.011	0.013	0.013
9/21/2016	7:32:01	0.009	0.01	0.011	0.013	0.014
9/21/2016	7:33:01	0.008	0.009	0.01	0.012	0.012
9/21/2016	7:34:01	0.008	0.009	0.01	0.012	0.013
9/21/2016	7:35:01	0.009	0.009	0.01	0.013	0.014
9/21/2016	7:36:01	0.008	0.009	0.01	0.012	0.012
9/21/2016	7:37:01	0.009	0.01	0.011	0.013	0.016
9/21/2016	7:38:01	0.008	0.009	0.01	0.011	0.012
9/21/2016	7:39:01	0.008	0.009	0.01	0.011	0.015
9/21/2016	7:40:01	0.008	0.008	0.009	0.01	0.011
9/21/2016	7:41:01	0.007	0.008	0.008	0.009	0.009
9/21/2016	7:42:01	0.007	0.007	0.008	0.009	0.009
9/21/2016	7:43:01	0.007	0.008	0.008	0.009	0.01
9/21/2016	7:44:01	0.008	0.008	0.009	0.01	0.01
9/21/2016	7:45:01	0.008	0.008	0.009	0.01	0.01
9/21/2016	7:46:01	0.008	0.009	0.009	0.012	0.012
9/21/2016	7:47:01	0.008	0.008	0.009	0.01	0.011
9/21/2016	7:48:01	0.008	0.008	0.009	0.01	0.01
9/21/2016	7:49:01	0.008	0.008	0.009	0.01	0.012
9/21/2016	7:50:01	0.008	0.008	0.009	0.01	0.011
9/21/2016	7:51:01	0.008	0.008	0.009	0.01	0.011
9/21/2016	7:52:01	0.009	0.009	0.01	0.011	0.013
9/21/2016	7:53:01	0.01	0.01	0.011	0.012	0.013
9/21/2016	7:54:01	0.01	0.01	0.011	0.012	0.013
9/21/2016	7:55:01	0.01	0.01	0.011	0.012	0.013
9/21/2016	7:56:01	0.01	0.01	0.011	0.012	0.012
9/21/2016	7:57:01	0.01	0.01	0.011	0.012	0.013
9/21/2016	7:58:01	0.009	0.01	0.01	0.011	0.013
9/21/2016	7:59:01	0.011	0.011	0.011	0.013	0.013
9/21/2016	8:00:01	0.011	0.011	0.012	0.013	0.014
9/21/2016	8:01:01	0.01	0.01	0.011	0.012	0.014
9/21/2016	8:02:01	0.01	0.011	0.011	0.012	0.012
9/21/2016	8:03:01	0.01	0.01	0.011	0.012	0.012
9/21/2016	8:04:01	0.01	0.01	0.011	0.012	0.012
9/21/2016	8:05:01	0.01	0.01	0.01	0.012	0.013
9/21/2016	8:06:01	0.01	0.01	0.011	0.012	0.013
9/21/2016	8:07:01	0.01	0.011	0.012	0.013	0.015
9/21/2016	8:08:01	0.01	0.01	0.011	0.013	0.015
9/21/2016	8:09:01	0.01	0.01	0.011	0.012	0.012
9/21/2016	8:10:01	0.01	0.01	0.011	0.012	0.012
9/21/2016	8:11:01	0.011	0.011	0.012	0.014	0.016
9/21/2016	8:12:01	0.011	0.012	0.013	0.015	0.016
9/21/2016	8:13:01	0.011	0.012	0.013	0.015	0.016

9/21/2016	8:14:01	0.014	0.015	0.016	0.023	0.027
9/21/2016	8:15:01	0.014	0.015	0.017	0.024	0.028
9/21/2016	8:16:01	0.011	0.011	0.012	0.014	0.014
9/21/2016	8:17:01	0.014	0.015	0.017	0.023	0.026
9/21/2016	8:18:01	0.013	0.014	0.015	0.018	0.022
9/21/2016	8:19:01	0.013	0.014	0.016	0.02	0.023
9/21/2016	8:20:01	0.013	0.014	0.016	0.021	0.025
9/21/2016	8:21:01	0.013	0.014	0.016	0.021	0.025
9/21/2016	8:22:01	0.012	0.013	0.015	0.019	0.021
9/21/2016	8:23:01	0.012	0.012	0.014	0.016	0.019
9/21/2016	8:24:01	0.012	0.012	0.014	0.016	0.017
9/21/2016	8:25:01	0.01	0.01	0.011	0.013	0.016
9/21/2016	8:26:01	0.009	0.01	0.011	0.014	0.014
9/21/2016	8:27:01	0.009	0.009	0.01	0.011	0.011
9/21/2016	8:28:01	0.008	0.009	0.01	0.012	0.012
9/21/2016	8:29:01	0.008	0.008	0.009	0.01	0.011
9/21/2016	8:30:01	0.008	0.009	0.01	0.014	0.018
9/21/2016	8:31:01	0.007	0.008	0.008	0.01	0.014
9/21/2016	8:32:01	0.007	0.007	0.008	0.009	0.009
9/21/2016	8:33:01	0.007	0.007	0.008	0.009	0.01
9/21/2016	8:34:01	0.006	0.007	0.007	0.009	0.009
9/21/2016	8:35:01	0.006	0.007	0.007	0.009	0.009
9/21/2016	8:36:01	0.006	0.006	0.007	0.008	0.008
9/21/2016	8:37:01	0.006	0.006	0.007	0.008	0.008
9/21/2016	8:38:01	0.006	0.006	0.007	0.008	0.008
9/21/2016	8:39:01	0.006	0.007	0.007	0.008	0.009
9/21/2016	8:40:01	0.007	0.007	0.008	0.008	0.01
9/21/2016	8:41:01	0.006	0.007	0.007	0.008	0.01
9/21/2016	8:42:01	0.007	0.007	0.007	0.008	0.009
9/21/2016	8:43:01	0.007	0.007	0.008	0.009	0.009
9/21/2016	8:44:01	0.007	0.007	0.008	0.009	0.009
9/21/2016	8:45:01	0.006	0.007	0.007	0.008	0.01
9/21/2016	8:46:01	0.006	0.007	0.007	0.008	0.009
9/21/2016	8:47:01	0.033	0.035	0.044	0.094	0.11
9/21/2016	8:48:01	0.009	0.009	0.01	0.014	0.016
9/21/2016	8:49:01	0.007	0.007	0.008	0.01	0.01
9/21/2016	8:50:01	0.006	0.007	0.007	0.008	0.008
9/21/2016	8:51:01	0.006	0.007	0.007	0.008	0.009
9/21/2016	8:52:01	0.007	0.007	0.007	0.009	0.01
9/21/2016	8:53:01	0.006	0.006	0.007	0.008	0.008
9/21/2016	8:54:01	0.007	0.007	0.007	0.008	0.01
9/21/2016	8:55:01	0.008	0.009	0.01	0.013	0.014
9/21/2016	8:56:01	0.007	0.008	0.009	0.011	0.012
9/21/2016	8:57:01	0.006	0.007	0.007	0.009	0.01
9/21/2016	8:58:01	0.007	0.008	0.008	0.009	0.01
9/21/2016	8:59:01	0.007	0.007	0.008	0.009	0.009
9/21/2016	9:00:01	0.007	0.007	0.008	0.008	0.01
9/21/2016	9:01:01	0.006	0.007	0.007	0.008	0.008
9/21/2016	9:02:01	0.007	0.007	0.007	0.008	0.008
9/21/2016	9:03:01	0.008	0.008	0.008	0.01	0.01
9/21/2016	9:04:01	0.008	0.008	0.009	0.011	0.012
9/21/2016	9:05:01	0.011	0.011	0.012	0.018	0.021
9/21/2016	9:06:01	0.007	0.008	0.008	0.01	0.01
9/21/2016	9:07:01	0.007	0.007	0.008	0.009	0.01
9/21/2016	9:08:01	0.007	0.007	0.008	0.009	0.009
9/21/2016	9:09:01	0.006	0.007	0.007	0.008	0.008
9/21/2016	9:10:01	0.006	0.006	0.007	0.008	0.008
9/21/2016	9:11:01	0.006	0.006	0.007	0.007	0.008
9/21/2016	9:12:01	0.006	0.007	0.007	0.008	0.008
9/21/2016	9:13:01	0.006	0.007	0.007	0.009	0.009
9/21/2016	9:14:01	0.007	0.007	0.008	0.009	0.009
9/21/2016	9:15:01	0.006	0.007	0.007	0.008	0.008
9/21/2016	9:16:01	0.006	0.006	0.007	0.007	0.008
9/21/2016	9:17:01	0.007	0.007	0.007	0.009	0.01
9/21/2016	9:18:01	0.006	0.006	0.007	0.008	0.009
9/21/2016	9:19:01	0.006	0.006	0.007	0.008	0.01
9/21/2016	9:20:01	0.007	0.007	0.008	0.009	0.009
9/21/2016	9:21:01	0.006	0.006	0.007	0.008	0.009
9/21/2016	9:22:01	0.006	0.007	0.007	0.009	0.01
9/21/2016	9:23:01	0.007	0.007	0.007	0.009	0.011
9/21/2016	9:24:01	0.006	0.006	0.007	0.007	0.008
9/21/2016	9:25:01	0.011	0.012	0.012	0.015	0.017
9/21/2016	9:26:01	0.006	0.007	0.007	0.008	0.008
9/21/2016	9:27:01	0.006	0.006	0.007	0.008	0.008
9/21/2016	9:28:01	0.007	0.007	0.007	0.008	0.01
9/21/2016	9:29:01	0.007	0.007	0.008	0.009	0.009
9/21/2016	9:30:01	0.007	0.007	0.008	0.009	0.01

9/21/2016	9:31:01	0.006	0.007	0.007	0.008	0.01
9/21/2016	9:32:01	0.006	0.007	0.007	0.008	0.009
9/21/2016	9:33:01	0.007	0.007	0.007	0.008	0.01
9/21/2016	9:34:01	0.007	0.007	0.008	0.009	0.013
9/21/2016	9:35:01	0.006	0.007	0.007	0.009	0.01
9/21/2016	9:36:01	0.006	0.006	0.007	0.008	0.009
9/21/2016	9:37:01	0.006	0.007	0.007	0.008	0.01
9/21/2016	9:38:01	0.006	0.006	0.007	0.008	0.008
9/21/2016	9:39:01	0.006	0.006	0.007	0.007	0.007
9/21/2016	9:40:01	0.006	0.006	0.007	0.007	0.01
9/21/2016	9:41:01	0.006	0.006	0.006	0.007	0.007
9/21/2016	9:42:01	0.011	0.012	0.014	0.024	0.028
9/21/2016	9:43:01	0.012	0.012	0.014	0.02	0.023
9/21/2016	9:44:01	0.006	0.006	0.007	0.008	0.009
9/21/2016	9:45:01	0.005	0.006	0.006	0.007	0.007
9/21/2016	9:46:01	0.005	0.006	0.006	0.007	0.007
9/21/2016	9:47:01	0.006	0.006	0.006	0.007	0.007
9/21/2016	9:48:01	0.005	0.006	0.006	0.007	0.009
9/21/2016	9:49:01	0.006	0.006	0.006	0.008	0.01
9/21/2016	9:50:01	0.006	0.006	0.007	0.007	0.009
9/21/2016	9:51:01	0.006	0.006	0.006	0.008	0.008
9/21/2016	9:52:01	0.006	0.006	0.006	0.007	0.009
9/21/2016	9:53:01	0.005	0.006	0.006	0.007	0.007
9/21/2016	9:54:01	0.005	0.006	0.006	0.007	0.009
9/21/2016	9:55:01	0.005	0.006	0.006	0.007	0.008
9/21/2016	9:56:01	0.006	0.006	0.007	0.008	0.009
9/21/2016	9:57:01	0.006	0.006	0.007	0.007	0.008
9/21/2016	9:58:01	0.005	0.006	0.006	0.007	0.007
9/21/2016	9:59:01	0.005	0.006	0.006	0.007	0.009
9/21/2016	10:00:01	0.007	0.007	0.008	0.012	0.013
9/21/2016	10:01:01	0.005	0.005	0.006	0.006	0.007
9/21/2016	10:02:01	0.005	0.005	0.006	0.006	0.006
9/21/2016	10:03:01	0.006	0.006	0.006	0.008	0.01
9/21/2016	10:04:01	0.005	0.006	0.006	0.007	0.009
9/21/2016	10:05:01	0.006	0.006	0.006	0.008	0.008
9/21/2016	10:06:01	0.006	0.006	0.006	0.008	0.009
9/21/2016	10:07:01	0.005	0.006	0.006	0.007	0.009
9/21/2016	10:08:01	0.005	0.005	0.006	0.007	0.008
9/21/2016	10:09:01	0.008	0.008	0.008	0.01	0.011
9/21/2016	10:10:01	0.005	0.006	0.006	0.008	0.01
9/21/2016	10:11:01	0.005	0.005	0.005	0.006	0.007
9/21/2016	10:12:01	0.005	0.005	0.006	0.007	0.007
9/21/2016	10:13:01	0.005	0.005	0.006	0.007	0.008
9/21/2016	10:14:01	0.005	0.006	0.006	0.008	0.01
9/21/2016	10:15:01	0.006	0.007	0.007	0.01	0.012
9/21/2016	10:16:01	0.005	0.005	0.005	0.008	0.008
9/21/2016	10:17:01	0.005	0.005	0.005	0.006	0.008
9/21/2016	10:18:01	0.005	0.005	0.006	0.007	0.011
9/21/2016	10:19:01	0.005	0.005	0.006	0.007	0.009
9/21/2016	10:20:01	0.005	0.005	0.005	0.007	0.008
9/21/2016	10:21:01	0.004	0.005	0.005	0.007	0.007
9/21/2016	10:22:01	0.004	0.005	0.005	0.007	0.008
9/21/2016	10:23:01	0.004	0.005	0.005	0.006	0.007
9/21/2016	10:24:01	0.008	0.009	0.01	0.018	0.02
9/21/2016	10:25:01	0.016	0.017	0.021	0.046	0.055
9/21/2016	10:26:01	0.004	0.004	0.005	0.006	0.006
9/21/2016	10:27:01	0.004	0.004	0.005	0.005	0.007
9/21/2016	10:28:01	0.004	0.004	0.004	0.006	0.006
9/21/2016	10:29:01	0.004	0.004	0.004	0.005	0.006
9/21/2016	10:30:01	0.003	0.004	0.004	0.005	0.005
9/21/2016	10:31:01	0.003	0.004	0.004	0.006	0.006
9/21/2016	10:32:01	0.003	0.003	0.004	0.005	0.006
9/21/2016	10:33:01	0.003	0.004	0.004	0.005	0.005
9/21/2016	10:34:01	0.003	0.003	0.004	0.005	0.005
9/21/2016	10:35:01	0.003	0.004	0.004	0.005	0.005
9/21/2016	10:36:01	0.003	0.004	0.004	0.006	0.007
9/21/2016	10:37:01	0.003	0.003	0.003	0.005	0.006
9/21/2016	10:38:01	0.003	0.003	0.004	0.005	0.006
9/21/2016	10:39:01	0.002	0.003	0.003	0.004	0.004
9/21/2016	10:40:01	0.002	0.002	0.003	0.003	0.003
9/21/2016	10:41:01	0.002	0.002	0.003	0.003	0.005
9/21/2016	10:42:01	0.002	0.003	0.003	0.004	0.006
9/21/2016	10:43:01	0.003	0.003	0.003	0.005	0.005
9/21/2016	10:44:01	0.003	0.003	0.003	0.004	0.004
9/21/2016	10:45:01	0.002	0.002	0.003	0.004	0.005
9/21/2016	10:46:01	0.002	0.002	0.002	0.003	0.004
9/21/2016	10:47:01	0.002	0.002	0.003	0.004	0.006

9/21/2016	10:48:01	0.002	0.002	0.002	0.004	0.005
9/21/2016	10:49:01	0.001	0.002	0.002	0.003	0.003
9/21/2016	10:50:01	0.002	0.002	0.002	0.003	0.004
9/21/2016	10:51:01	0.002	0.002	0.002	0.003	0.004
9/21/2016	10:52:01	0.001	0.002	0.002	0.004	0.004
9/21/2016	10:53:01	0.001	0.001	0.002	0.003	0.003
9/21/2016	10:54:01	0.001	0.001	0.001	0.002	0.002
9/21/2016	10:55:01	0.001	0.001	0.002	0.003	0.003
9/21/2016	10:56:01	0.001	0.001	0.002	0.002	0.003
9/21/2016	10:57:01	0.001	0.001	0.002	0.003	0.003
9/21/2016	10:58:01	0.001	0.002	0.002	0.004	0.005
9/21/2016	10:59:01	0.001	0.001	0.002	0.002	0.003
9/21/2016	11:00:01	0.003	0.003	0.004	0.005	0.005
9/21/2016	11:01:01	0.001	0.001	0.002	0.003	0.003
9/21/2016	11:02:01	0.001	0.001	0.001	0.002	0.003
9/21/2016	11:03:01	0.001	0.001	0.001	0.002	0.003
9/21/2016	11:04:01	0.001	0.001	0.002	0.002	0.002
9/21/2016	11:05:01	0.001	0.001	0.001	0.003	0.003
9/21/2016	11:06:01	0.001	0.001	0.001	0.002	0.002
9/21/2016	11:07:01	0.001	0.001	0.001	0.002	0.004
9/21/2016	11:08:01	0.001	0.001	0.001	0.002	0.002
9/21/2016	11:09:01	0.001	0.001	0.001	0.003	0.003
9/21/2016	11:10:01	0.001	0.001	0.001	0.002	0.002
9/21/2016	11:11:01	0	0.001	0.001	0.002	0.002
9/21/2016	11:12:01	0.001	0.001	0.001	0.002	0.003
9/21/2016	11:13:01	0.001	0.001	0.001	0.002	0.003
9/21/2016	11:14:01	0.001	0.001	0.001	0.003	0.004
9/21/2016	11:15:01	0.001	0.001	0.001	0.003	0.003
9/21/2016	11:16:01	0	0.001	0.001	0.002	0.003
9/21/2016	11:17:01	0	0.001	0.001	0.002	0.002
9/21/2016	11:18:01	0.001	0.001	0.001	0.002	0.003
9/21/2016	11:19:01	0	0.001	0.001	0.002	0.002
9/21/2016	11:20:01	0.001	0.001	0.001	0.003	0.003
9/21/2016	11:21:01	0	0.001	0.001	0.002	0.002
9/21/2016	11:22:01	0	0	0.001	0.002	0.002
9/21/2016	11:23:01	0	0.001	0.001	0.002	0.002
9/21/2016	11:24:01	0	0	0.001	0.002	0.002
9/21/2016	11:25:01	0	0.001	0.001	0.002	0.002
9/21/2016	11:26:01	0	0	0.001	0.001	0.002
9/21/2016	11:27:01	0	0	0.001	0.002	0.003
9/21/2016	11:28:01	0	0	0.001	0.001	0.002
9/21/2016	11:29:01	0	0	0	0.002	0.002
9/21/2016	11:30:01	0.001	0.001	0.002	0.003	0.003
9/21/2016	11:31:01	0.002	0.003	0.003	0.004	0.005
9/21/2016	11:32:01	0	0.001	0.001	0.002	0.002
9/21/2016	11:33:01	0	0	0	0.001	0.002
9/21/2016	11:34:01	0.001	0.001	0.001	0.002	0.004
9/21/2016	11:35:01	0	0	0.001	0.002	0.002
9/21/2016	11:36:01	0	0	0	0.001	0.003
9/21/2016	11:37:01	0	0	0	0.001	0.001
9/21/2016	11:38:01	0	0	0	0.001	0.001
9/21/2016	11:39:01	0	0	0	0.001	0.003
9/21/2016	11:40:01	0	0	0	0	0.001
9/21/2016	11:41:01	0.001	0.001	0.001	0.002	0.004
9/21/2016	11:42:01	0	0	0	0.001	0.002
9/21/2016	11:43:01	0	0	0	0.001	0.002
9/21/2016	11:44:01	0	0	0	0.001	0.001
9/21/2016	11:45:01	0	0	0	0	0.001
9/21/2016	11:46:01	0	0	0	0	0.001
9/21/2016	11:47:01	0	0	0	0.001	0.002
9/21/2016	11:48:01	0	0	0	0.001	0.001
9/21/2016	11:49:01	0	0	0	0.001	0.001
9/21/2016	11:50:01	0	0	0	0.001	0.001
9/21/2016	11:51:01	0	0	0	0.001	0.001
9/21/2016	11:52:01	0	0	0	0.001	0.001
9/21/2016	11:53:01	0.01	0.012	0.015	0.032	0.036
9/21/2016	11:54:01	0.001	0.001	0.001	0.003	0.005
9/21/2016	11:55:01	0.01	0.012	0.014	0.03	0.038
9/21/2016	11:56:01	0.005	0.005	0.007	0.018	0.02
9/21/2016	11:57:01	0.014	0.016	0.021	0.043	0.053
9/21/2016	11:58:01	0.007	0.008	0.011	0.027	0.034
9/21/2016	11:59:01	0.022	0.026	0.034	0.072	0.08
9/21/2016	12:00:01	0	0.001	0.001	0.005	0.006
9/21/2016	12:01:01	0.009	0.011	0.014	0.033	0.039
9/21/2016	12:02:01	0.001	0.002	0.003	0.007	0.008
9/21/2016	12:03:01	0.001	0.001	0.002	0.005	0.007
9/21/2016	12:04:01	0.047	0.053	0.069	0.15	0.184

9/21/2016	12:05:01	0.007	0.009	0.012	0.024	0.029
9/21/2016	12:06:01	0	0.001	0.001	0.004	0.005
9/21/2016	12:07:01	0	0	0	0.002	0.005
9/21/2016	12:08:01	0.003	0.004	0.005	0.007	0.008
9/21/2016	12:09:01	0	0	0	0.001	0.001
9/21/2016	12:10:01	0	0	0	0	0
9/21/2016	12:11:01	0	0	0.001	0.003	0.004
9/21/2016	12:12:01	0	0	0	0.001	0.001
9/21/2016	12:13:01	0	0	0	0.001	0.001
9/21/2016	12:14:01	0	0	0	0.001	0.001
9/21/2016	12:15:01	0	0	0	0.002	0.002
9/21/2016	12:16:01	0	0	0	0.001	0.002
9/21/2016	12:17:01	0.006	0.007	0.01	0.026	0.032
9/21/2016	12:18:01	0	0	0	0.003	0.004
9/21/2016	12:19:01	0	0	0	0.001	0.001
9/21/2016	12:20:01	0	0	0	0.001	0.001
9/21/2016	12:21:01	0	0	0	0	0
9/21/2016	12:22:01	0	0.001	0.001	0.002	0.002
9/21/2016	12:23:01	0	0	0.001	0.002	0.004
9/21/2016	12:24:01	0	0	0	0.001	0.001
9/21/2016	12:25:01	0	0	0	0	0.001
9/21/2016	12:26:01	0	0	0	0	0.001
9/21/2016	12:27:01	0	0	0	0	0
9/21/2016	12:28:01	0	0	0	0.001	0.001
9/21/2016	12:29:01	0	0	0	0	0.002
9/21/2016	12:30:01	0	0	0	0	0.001
9/21/2016	12:31:01	0	0	0	0.001	0.004
9/21/2016	12:32:01	0	0	0	0.001	0.002
9/21/2016	12:33:01	0	0	0	0.001	0.002
9/21/2016	12:34:01	0	0	0	0	0
9/21/2016	12:35:01	0	0	0	0.001	0.002
9/21/2016	12:36:01	0	0	0	0.001	0.002
9/21/2016	12:37:01	0	0	0	0	0.001
9/21/2016	12:38:01	0	0	0	0	0
9/21/2016	12:39:01	0.005	0.006	0.008	0.014	0.016
9/21/2016	12:40:01	0	0	0	0.001	0.001
9/21/2016	12:41:01	0	0	0	0	0.001
9/21/2016	12:42:01	0	0	0	0.001	0.002
9/21/2016	12:43:01	0	0	0	0.001	0.003
9/21/2016	12:44:01	0.098	0.109	0.128	0.221	0.25
9/21/2016	12:45:01	0.049	0.057	0.066	0.1	0.109
9/21/2016	12:46:01	0.068	0.073	0.074	0.078	0.082
9/21/2016	12:47:01	0.07	0.075	0.075	0.078	0.079
9/21/2016	12:48:01	0.018	0.019	0.021	0.025	0.028
9/21/2016	12:49:01	0.059	0.066	0.077	0.116	0.127
9/21/2016	12:50:01	0.001	0.001	0.001	0.002	0.004
9/21/2016	12:51:01	0.047	0.05	0.052	0.055	0.056
9/21/2016	12:52:01	0.003	0.003	0.003	0.005	0.007
9/21/2016	12:53:01	0.001	0.001	0.002	0.005	0.007
9/21/2016	12:54:01	0.075	0.08	0.083	0.095	0.1
9/21/2016	12:55:01	0.003	0.003	0.003	0.004	0.005
9/21/2016	12:56:01	0.043	0.046	0.05	0.076	0.086
9/21/2016	12:57:01	0.023	0.025	0.025	0.028	0.028
9/21/2016	12:58:01	0.021	0.023	0.023	0.024	0.024
9/21/2016	12:59:01	0.078	0.084	0.09	0.115	0.123
9/21/2016	13:00:01	0.015	0.016	0.017	0.018	0.02
9/21/2016	13:01:01	0.047	0.05	0.051	0.054	0.056
9/21/2016	13:02:01	0.089	0.095	0.098	0.111	0.113
9/21/2016	13:03:01	0.081	0.086	0.087	0.088	0.089
9/21/2016	13:04:01	0.093	0.099	0.1	0.104	0.104
9/21/2016	13:05:01	0.032	0.034	0.034	0.036	0.036
9/21/2016	13:06:01	0.022	0.023	0.024	0.025	0.026
9/21/2016	13:07:01	0.124	0.135	0.158	0.294	0.345
9/21/2016	13:08:01	0.01	0.012	0.014	0.028	0.032
9/21/2016	13:09:01	0	0.001	0.001	0.003	0.006
9/21/2016	13:10:01	0.001	0.001	0.001	0.003	0.004
9/21/2016	13:11:01	0.002	0.003	0.004	0.01	0.011
9/21/2016	13:12:01	0.006	0.007	0.009	0.021	0.027
9/21/2016	13:13:01	0.002	0.003	0.005	0.012	0.016
9/21/2016	13:14:01	0	0	0	0.001	0.002
9/21/2016	13:15:01	0	0	0	0.001	0.001
9/21/2016	13:16:01	0.001	0.002	0.002	0.006	0.009
9/21/2016	13:17:01	0	0	0	0.001	0.003
9/21/2016	13:18:01	0.007	0.008	0.009	0.014	0.016
9/21/2016	13:19:01	0	0	0.001	0.002	0.003
9/21/2016	13:20:01	0.002	0.003	0.004	0.009	0.01
9/21/2016	13:21:01	0.001	0.001	0.002	0.004	0.005

9/21/2016	13:22:01	0.019	0.021	0.028	0.067	0.075
9/21/2016	13:23:01	0.002	0.002	0.002	0.004	0.004
9/21/2016	13:24:01	0	0	0	0.001	0.001
9/21/2016	13:25:01	0	0.001	0.001	0.002	0.002
9/21/2016	13:26:01	0.025	0.03	0.037	0.064	0.072
9/21/2016	13:27:01	0.005	0.005	0.007	0.014	0.018
9/21/2016	13:28:01	0.001	0.001	0.001	0.003	0.004
9/21/2016	13:29:01	0	0	0	0.002	0.003
9/21/2016	13:30:01	0.002	0.003	0.004	0.007	0.009
9/21/2016	13:31:01	0.006	0.006	0.007	0.009	0.01
9/21/2016	13:32:01	0.001	0.001	0.001	0.004	0.004
9/21/2016	13:33:01	0	0	0	0.001	0.002
9/21/2016	13:34:01	0.003	0.004	0.004	0.006	0.009
9/21/2016	13:35:01	0.01	0.011	0.012	0.015	0.017
9/21/2016	13:36:01	0	0	0	0.001	0.003
9/21/2016	13:37:01	0	0	0	0.001	0.001
9/21/2016	13:38:01	0	0	0	0.001	0.002
9/21/2016	13:39:01	0	0	0	0.002	0.004
9/21/2016	13:40:01	0	0	0	0	0
9/21/2016	13:41:01	0	0	0	0.001	0.002
9/21/2016	13:42:01	0	0	0	0	0
9/21/2016	13:43:01	0	0	0	0.001	0.001
9/21/2016	13:44:01	0	0	0	0	0.001
9/21/2016	13:45:01	0.002	0.002	0.002	0.004	0.006
9/21/2016	13:46:01	0	0	0	0	0
9/21/2016	13:47:01	0	0	0	0	0
9/21/2016	13:48:01	0	0	0.001	0.001	0.004
9/21/2016	13:49:01	0	0	0	0.001	0.001
9/21/2016	13:50:01	0	0	0	0	0
9/21/2016	13:51:01	0	0	0	0	0.001
9/21/2016	13:52:01	0	0	0	0	0.003
9/21/2016	13:53:01	0	0	0	0	0
9/21/2016	13:54:01	0.052	0.059	0.074	0.152	0.181
9/21/2016	13:55:01	0.006	0.007	0.009	0.021	0.025
9/21/2016	13:56:01	0	0	0	0	0
9/21/2016	13:57:01	0.004	0.004	0.004	0.006	0.006
9/21/2016	13:58:01	0.001	0.001	0.001	0.002	0.004
9/21/2016	13:59:01	0	0	0	0	0
9/21/2016	14:00:01	0	0	0	0.001	0.002
9/21/2016	14:01:01	0.025	0.028	0.036	0.075	0.086
9/21/2016	14:02:01	0.007	0.009	0.012	0.027	0.031
9/21/2016	14:03:01	0.003	0.003	0.005	0.013	0.018
9/21/2016	14:04:01	0	0	0	0.001	0.001
9/21/2016	14:05:01	0	0	0	0	0
9/21/2016	14:06:01	0	0	0	0.002	0.002
9/21/2016	14:07:01	0	0	0	0.001	0.001
9/21/2016	14:08:01	0	0	0	0	0.001
9/21/2016	14:09:01	0	0	0	0	0
9/21/2016	14:10:01	0	0	0	0	0.001
9/21/2016	14:11:01	0.002	0.003	0.003	0.006	0.007
9/21/2016	14:12:01	0.01	0.013	0.017	0.037	0.04
9/21/2016	14:13:01	0	0	0.001	0.004	0.005
9/21/2016	14:14:01	0	0	0	0.002	0.003
9/21/2016	14:15:01	0	0	0	0.001	0.002
9/21/2016	14:16:01	0	0	0	0.001	0.001
9/21/2016	14:17:01	0	0	0	0	0
9/21/2016	14:18:01	0	0	0.001	0.002	0.003
9/21/2016	14:19:01	0.001	0.001	0.001	0.004	0.004
9/21/2016	14:20:01	0.009	0.011	0.015	0.03	0.035
9/21/2016	14:21:01	0	0	0	0.002	0.004
9/21/2016	14:22:01	0.001	0.001	0.001	0.004	0.007
9/21/2016	14:23:01	0	0	0	0.002	0.002
9/21/2016	14:24:01	0.001	0.001	0.001	0.002	0.003
9/21/2016	14:25:01	0	0	0	0.001	0.002
9/21/2016	14:26:01	0	0	0	0.001	0.001
9/21/2016	14:27:01	0	0.001	0.001	0.001	0.001
9/21/2016	14:28:01	0.001	0.001	0.001	0.002	0.004
9/21/2016	14:29:01	0.014	0.016	0.021	0.042	0.046
9/21/2016	14:30:01	0.03	0.034	0.042	0.084	0.093
9/21/2016	14:31:01	0.004	0.004	0.005	0.01	0.012
9/21/2016	14:32:01	0	0	0	0.002	0.002
9/21/2016	14:33:01	0	0	0	0.001	0.002
9/21/2016	14:34:01	0	0	0	0	0.002
9/21/2016	14:35:01	0	0	0	0.001	0.002
9/21/2016	14:36:01	0.008	0.01	0.013	0.033	0.042
9/21/2016	14:37:01	0	0	0	0.001	0.002
9/21/2016	14:38:01	0	0	0.001	0.001	0.002

9/21/2016	14:39:01	0	0	0	0.001	0.001
9/21/2016	14:40:01	0	0	0	0.001	0.002
9/21/2016	14:41:01	0	0	0	0.001	0.001
9/21/2016	14:42:01	0	0	0	0	0.001
9/21/2016	14:43:01	0	0	0	0	0.002
9/21/2016	14:44:01	0	0	0	0	0.001
9/21/2016	14:45:01	0	0	0	0	0.002
9/21/2016	14:46:01	0.092	0.103	0.128	0.283	0.346
9/21/2016	14:47:01	0.002	0.002	0.003	0.008	0.009
9/21/2016	14:48:01	0	0	0	0.001	0.001
9/21/2016	14:49:01	0.002	0.002	0.002	0.005	0.005
9/21/2016	14:50:01	0.003	0.003	0.004	0.009	0.011
9/21/2016	14:51:01	0.002	0.002	0.003	0.006	0.008
9/21/2016	14:52:01	0	0.001	0.001	0.002	0.002
9/21/2016	14:53:01	0.003	0.003	0.003	0.005	0.005
9/21/2016	14:54:01	0.003	0.003	0.003	0.004	0.005
9/21/2016	14:55:01	0	0	0	0.001	0.001
9/21/2016	14:56:01	0.001	0.001	0.001	0.002	0.002
9/21/2016	14:57:01	0.002	0.002	0.002	0.003	0.004
9/21/2016	14:58:01	0.001	0.001	0.001	0.002	0.003
9/21/2016	14:59:01	0	0	0	0.001	0.002
9/21/2016	15:00:01	0	0	0	0.001	0.001
9/21/2016	15:01:01	0.043	0.048	0.06	0.119	0.138
9/21/2016	15:02:01	0.012	0.014	0.018	0.037	0.047
9/21/2016	15:03:01	0	0	0	0.001	0.002
9/21/2016	15:04:01	0	0	0	0	0.002
9/21/2016	15:05:01	0	0	0	0.001	0.002
9/21/2016	15:06:01	0	0	0	0	0.001
9/21/2016	15:07:01	0	0	0	0.001	0.001
9/21/2016	15:08:01	0	0	0	0.002	0.002
9/21/2016	15:09:01	0	0	0	0.001	0.002
9/21/2016	15:10:01	0	0	0	0.001	0.001
9/21/2016	15:11:01	0	0	0	0.001	0.001
9/21/2016	15:12:01	0	0	0	0.001	0.003
9/21/2016	15:13:01	0	0	0	0	0
9/21/2016	15:14:01	0	0	0	0.001	0.001
9/21/2016	15:15:01	0	0	0	0.001	0.001
9/21/2016	15:16:01	0	0	0	0.001	0.001
9/21/2016	15:17:01	0	0	0	0.001	0.002
9/21/2016	15:18:01	0	0	0	0.001	0.001
9/21/2016	15:19:01	0	0	0	0.001	0.001
9/21/2016	15:20:01	0	0	0	0	0.001
9/21/2016	15:21:01	0	0	0.001	0.004	0.004
9/21/2016	15:22:01	0.001	0.002	0.003	0.009	0.013

16/09/15 09:43								

Summary								

Unit Name	MiniRAE 3000(PGM-7320)							
Unit SN	592-912301							
Unit Firmware Ver	V1.20							

Running Mode	Hygiene Mode							
Measure Type	Avg; Max; Real							
Datalog Mode	Continuous							
Datalog Type	Auto							
Diagnostic Mode	No							
Stop Reason	Power Down							

Site ID	12345678							
User ID	12345678							

Begin	9/15/2016 9:43							
End	9/15/2016 9:43							
Sample Period(s)	60							
Number of Records	0							

Sensor	VOC(ppm)							
Span	100							
Span 2	N/A							
Low Alarm	50							
High Alarm	100							
Over Alarm	15000							
STEL Alarm	100							
TWA Alarm	50							
Measurement Gas	Isobutylene							
Calibration Time	9/15/2016 9:41							

Datalog								
0 record.								
=====								
16/09/19 07:46								

Summary								

Unit Name	MiniRAE 3000(PGM-7320)							
Unit SN	592-912301							
Unit Firmware Ver	V1.20							

Running Mode	Hygiene Mode							
Measure Type	Avg; Max; Real							
Datalog Mode	Continuous							
Datalog Type	Auto							
Diagnostic Mode	No							
Stop Reason	Pause in Menu Mode							

Site ID	12345678							
User ID	12345678							

Begin	9/19/2016 7:46							
End	9/19/2016 7:50							
Sample Period(s)	60							
Number of Records	3							

Sensor	VOC(ppm)							
Span	100							
Span 2	N/A							
Low Alarm	50							
High Alarm	100							
Over Alarm	15000							
STEL Alarm	100							
TWA Alarm	50							
Measurement Gas	Isobutylene							
Calibration Time	9/15/2016 9:41							
Peak	0							
Min	0							

TWA/STEL		VOC(ppm)	VOC(ppm)
Index	Date/Time	(TWA)	(STEL)
1	9/19/2016 7:47	0	---
2	9/19/2016 7:48	0	---
3	9/19/2016 7:49	0	---
=====			
16/09/19 07:56			

Summary			

Unit Name	MiniRAE 3000(PGM-7320)		
Unit SN	592-912301		
Unit Firmware Ver	V1.20		

Running Mode	Hygiene Mode		
Measure Type	Avg; Max; Real		
Datalog Mode	Continuous		
Datalog Type	Auto		
Diagnostic Mode	No		
Stop Reason	Power Down		

Site ID	12345678		
User ID	12345678		

Begin	9/19/2016 7:56		
End	9/19/2016 7:56		
Sample Period(s)	60		
Number of Records	0		

Sensor	VOC(ppm)		
Span	100		
Span 2	N/A		
Low Alarm	50		
High Alarm	100		
Over Alarm	15000		
STEL Alarm	100		
TWA Alarm	50		
Measurement Gas	Isobutylene		
Calibration Time	9/19/2016 7:55		

Datalog			
0 record.			
=====			
16/09/19 07:57			

Summary			

Unit Name	MiniRAE 3000(PGM-7320)		
Unit SN	592-912301		
Unit Firmware Ver	V1.20		

Running Mode	Hygiene Mode		
Measure Type	Avg; Max; Real		
Datalog Mode	Continuous		
Datalog Type	Auto		
Diagnostic Mode	No		
Stop Reason	Power Down		

Site ID	12345678		
User ID	12345678		

Begin	9/19/2016 7:57		
End	9/19/2016 7:57		
Sample Period(s)	60		
Number of Records	0		

Sensor	VOC(ppm)		
Span	100		
Span 2	N/A		
Low Alarm	50		
High Alarm	100		
Over Alarm	15000		
STEL Alarm	100		
TWA Alarm	50		
Measurement Gas	Isobutylene		
Calibration Time	9/19/2016 7:55		

Datalog			
0 record.			
=====			
16/09/19 08:03			

Summary						

Unit Name		MiniRAE 3000(PGM-7320)				
Unit SN		592-912301				
Unit Firmware Ver		V1.20				

Running Mode		Hygiene Mode				
Measure Type		Avg; Max; Real				
Datalog Mode		Continuous				
Datalog Type		Auto				
Diagnostic Mode		No				
Stop Reason		Pause in Menu Mode				

Site ID		12345678				
User ID		12345678				

Begin		9/19/2016 8:03				
End		9/19/2016 8:04				
Sample Period(s)		60				
Number of Records		1				

Sensor		VOC(ppm)				
Span		100				
Span 2		N/A				
Low Alarm		50				
High Alarm		100				
Over Alarm		15000				
STEL Alarm		100				
TWA Alarm		50				
Measurement Gas		Isobutylene				
Calibration Time		9/19/2016 7:55				
Peak		0				
Min		0				
Average		0				

Datalog						

Index		Date/Time	VOC(ppm) (Avg)	VOC(ppm) (Max)	VOC(ppm) (Real)	
1		9/19/2016 8:04	0	0	0	
Peak			0	0	0	
Min			0	0	0	
Average			0	0	0	

TWA/STEL						

Index		Date/Time	VOC(ppm) (TWA)	VOC(ppm) (STEL)		
1		9/19/2016 8:04	0 ---			
=====						
16/09/19 08:05						

Summary						

Unit Name		MiniRAE 3000(PGM-7320)				
Unit SN		592-912301				
Unit Firmware Ver		V1.20				

Running Mode		Hygiene Mode				
Measure Type		Avg; Max; Real				
Datalog Mode		Continuous				
Datalog Type		Auto				
Diagnostic Mode		No				
Stop Reason		Power Down				

Site ID		12345678				
User ID		12345678				

Begin		9/19/2016 8:05				
End		9/19/2016 15:38				
Sample Period(s)		60				
Number of Records		452				

Sensor		VOC(ppm)				
Span		100				
Span 2		N/A				
Low Alarm		50				
High Alarm		100				
Over Alarm		15000				
STEL Alarm		100				
TWA Alarm		50				
Measurement Gas		Isobutylene				
Calibration Time		9/19/2016 7:55				
Peak		1.085				
Min		0.062				
Average		0.584				

Datalog

Index	Date/Time	VOC(ppm)		
		(Avg)	(Max)	(Real)
1	9/19/2016 8:06	0.044	0.112	0.062
2	9/19/2016 8:07	0.088	0.14	0.14
3	9/19/2016 8:08	0.129	0.165	0.163
4	9/19/2016 8:09	0.188	0.262	0.204
5	9/19/2016 8:10	0.213	0.242	0.219
6	9/19/2016 8:11	0.268	0.564	0.564
7	9/19/2016 8:12	0.61	0.642	0.642
8	9/19/2016 8:13	0.665	0.682	0.681
9	9/19/2016 8:14	0.693	0.706	0.706
10	9/19/2016 8:15	0.715	0.727	0.726
11	9/19/2016 8:16	0.734	0.743	0.741
12	9/19/2016 8:17	0.753	0.766	0.764
13	9/19/2016 8:18	0.771	0.779	0.779
14	9/19/2016 8:19	0.785	0.791	0.791
15	9/19/2016 8:20	0.799	0.807	0.807
16	9/19/2016 8:21	0.812	0.823	0.823
17	9/19/2016 8:22	0.83	0.839	0.839
18	9/19/2016 8:23	0.842	0.849	0.849
19	9/19/2016 8:24	0.853	0.858	0.858
20	9/19/2016 8:25	0.865	0.879	0.873
21	9/19/2016 8:26	0.879	0.889	0.889
22	9/19/2016 8:27	0.892	0.899	0.899
23	9/19/2016 8:28	0.903	0.908	0.905
24	9/19/2016 8:29	0.72	0.983	0.649
25	9/19/2016 8:30	0.611	0.647	0.59
26	9/19/2016 8:31	0.577	0.59	0.57
27	9/19/2016 8:32	0.568	0.579	0.56
28	9/19/2016 8:33	0.556	0.566	0.555
29	9/19/2016 8:34	0.549	0.556	0.549
30	9/19/2016 8:35	0.557	0.58	0.548
31	9/19/2016 8:36	0.548	0.555	0.551
32	9/19/2016 8:37	0.554	0.564	0.56
33	9/19/2016 8:38	0.58	0.598	0.566
34	9/19/2016 8:39	0.564	0.576	0.556
35	9/19/2016 8:40	0.547	0.555	0.544
36	9/19/2016 8:41	0.545	0.551	0.54
37	9/19/2016 8:42	0.536	0.543	0.534
38	9/19/2016 8:43	0.533	0.535	0.534
39	9/19/2016 8:44	0.537	0.543	0.54
40	9/19/2016 8:45	0.549	0.568	0.565
41	9/19/2016 8:46	0.598	0.643	0.626
42	9/19/2016 8:47	0.624	0.703	0.686
43	9/19/2016 8:48	0.631	0.7	0.583
44	9/19/2016 8:49	0.571	0.586	0.568
45	9/19/2016 8:50	0.576	0.589	0.572
46	9/19/2016 8:51	0.581	0.645	0.645
47	9/19/2016 8:52	0.755	0.95	0.935
48	9/19/2016 8:53	1.014	1.073	1.047
49	9/19/2016 8:54	1.06	1.088	1.085
50	9/19/2016 8:55	0.948	1.077	0.921
51	9/19/2016 8:56	0.888	0.942	0.878
52	9/19/2016 8:57	0.88	0.916	0.916
53	9/19/2016 8:58	0.974	1.019	0.948
54	9/19/2016 8:59	0.903	0.942	0.886
55	9/19/2016 9:00	0.864	0.894	0.84
56	9/19/2016 9:01	0.815	0.914	0.762
57	9/19/2016 9:02	0.763	0.791	0.752
58	9/19/2016 9:03	0.738	0.771	0.708
59	9/19/2016 9:04	0.7	0.713	0.687
60	9/19/2016 9:05	0.656	0.689	0.634
61	9/19/2016 9:06	0.629	0.633	0.632
62	9/19/2016 9:07	0.61	0.633	0.598
63	9/19/2016 9:08	0.595	0.601	0.595
64	9/19/2016 9:09	0.603	0.608	0.604
65	9/19/2016 9:10	0.604	0.609	0.603
66	9/19/2016 9:11	0.6	0.607	0.595
67	9/19/2016 9:12	0.596	0.601	0.592
68	9/19/2016 9:13	0.593	0.598	0.589
69	9/19/2016 9:14	0.581	0.591	0.591
70	9/19/2016 9:15	0.609	0.618	0.611
71	9/19/2016 9:16	0.602	0.611	0.597
72	9/19/2016 9:17	0.598	0.6	0.599
73	9/19/2016 9:18	0.596	0.602	0.585
74	9/19/2016 9:19	0.571	0.586	0.567
75	9/19/2016 9:20	0.561	0.567	0.561
76	9/19/2016 9:21	0.557	0.56	0.558
77	9/19/2016 9:22	0.556	0.56	0.56
78	9/19/2016 9:23	0.559	0.563	0.558
79	9/19/2016 9:24	0.557	0.561	0.556
80	9/19/2016 9:25	0.555	0.56	0.554
81	9/19/2016 9:26	0.556	0.559	0.558
82	9/19/2016 9:27	0.556	0.56	0.556
83	9/19/2016 9:28	0.552	0.558	0.554
84	9/19/2016 9:29	0.554	0.557	0.553
85	9/19/2016 9:30	0.557	0.595	0.582
86	9/19/2016 9:31	0.63	0.742	0.652
87	9/19/2016 9:32	0.589	0.677	0.554
88	9/19/2016 9:33	0.554	0.557	0.554
89	9/19/2016 9:34	0.552	0.555	0.555
90	9/19/2016 9:35	0.554	0.558	0.554
91	9/19/2016 9:36	0.554	0.557	0.556
92	9/19/2016 9:37	0.552	0.556	0.556
93	9/19/2016 9:38	0.552	0.558	0.557
94	9/19/2016 9:39	0.555	0.56	0.553
95	9/19/2016 9:40	0.549	0.555	0.548
96	9/19/2016 9:41	0.55	0.553	0.553
97	9/19/2016 9:42	0.551	0.56	0.56
98	9/19/2016 9:43	0.556	0.56	0.556
99	9/19/2016 9:44	0.556	0.561	0.559
100	9/19/2016 9:45	0.551	0.559	0.546
101	9/19/2016 9:46	0.554	0.562	0.558
102	9/19/2016 9:47	0.556	0.562	0.561
103	9/19/2016 9:48	0.558	0.566	0.563
104	9/19/2016 9:49	0.574	0.641	0.562
105	9/19/2016 9:50	0.564	0.577	0.556
106	9/19/2016 9:51	0.562	0.567	0.561
107	9/19/2016 9:52	0.561	0.566	0.563
108	9/19/2016 9:53	0.563	0.57	0.562
109	9/19/2016 9:54	0.565	0.571	0.569
110	9/19/2016 9:55	0.568	0.575	0.57
111	9/19/2016 9:56	0.566	0.573	0.568
112	9/19/2016 9:57	0.57	0.575	0.572
113	9/19/2016 9:58	0.572	0.591	0.591
114	9/19/2016 9:59	0.584	0.602	0.577
115	9/19/2016 10:00	0.569	0.577	0.574
116	9/19/2016 10:01	0.573	0.596	0.571
117	9/19/2016 10:02	0.584	0.597	0.576
118	9/19/2016 10:03	0.572	0.578	0.571

119	9/19/2016 10:04	0.574	0.577	0.573
120	9/19/2016 10:05	0.579	0.61	0.595
121	9/19/2016 10:06	0.608	0.637	0.605
122	9/19/2016 10:07	0.585	0.609	0.576
123	9/19/2016 10:08	0.573	0.578	0.572
124	9/19/2016 10:09	0.572	0.578	0.576
125	9/19/2016 10:10	0.572	0.576	0.575
126	9/19/2016 10:11	0.572	0.578	0.577
127	9/19/2016 10:12	0.573	0.58	0.574
128	9/19/2016 10:13	0.576	0.582	0.577
129	9/19/2016 10:14	0.576	0.589	0.589
130	9/19/2016 10:15	0.659	0.712	0.677
131	9/19/2016 10:16	0.629	0.688	0.592
132	9/19/2016 10:17	0.596	0.619	0.596
133	9/19/2016 10:18	0.596	0.616	0.586
134	9/19/2016 10:19	0.58	0.586	0.581
135	9/19/2016 10:20	0.58	0.586	0.58
136	9/19/2016 10:21	0.582	0.587	0.583
137	9/19/2016 10:22	0.588	0.598	0.581
138	9/19/2016 10:23	0.583	0.587	0.582
139	9/19/2016 10:24	0.582	0.587	0.584
140	9/19/2016 10:25	0.583	0.586	0.584
141	9/19/2016 10:26	0.583	0.59	0.588
142	9/19/2016 10:27	0.586	0.59	0.584
143	9/19/2016 10:28	0.583	0.589	0.581
144	9/19/2016 10:29	0.583	0.588	0.582
145	9/19/2016 10:30	0.58	0.586	0.586
146	9/19/2016 10:31	0.579	0.586	0.577
147	9/19/2016 10:32	0.584	0.6	0.591
148	9/19/2016 10:33	0.581	0.59	0.578
149	9/19/2016 10:34	0.581	0.586	0.583
150	9/19/2016 10:35	0.58	0.584	0.584
151	9/19/2016 10:36	0.582	0.586	0.582
152	9/19/2016 10:37	0.671	0.808	0.689
153	9/19/2016 10:38	0.848	0.982	0.728
154	9/19/2016 10:39	0.704	0.794	0.619
155	9/19/2016 10:40	0.606	0.62	0.599
156	9/19/2016 10:41	0.596	0.599	0.593
157	9/19/2016 10:42	0.593	0.598	0.592
158	9/19/2016 10:43	0.59	0.594	0.59
159	9/19/2016 10:44	0.588	0.592	0.587
160	9/19/2016 10:45	0.585	0.588	0.587
161	9/19/2016 10:46	0.584	0.588	0.584
162	9/19/2016 10:47	0.585	0.591	0.59
163	9/19/2016 10:48	0.588	0.592	0.588
164	9/19/2016 10:49	0.588	0.592	0.587
165	9/19/2016 10:50	0.587	0.59	0.588
166	9/19/2016 10:51	0.589	0.594	0.593
167	9/19/2016 10:52	0.591	0.596	0.59
168	9/19/2016 10:53	0.595	0.603	0.594
169	9/19/2016 10:54	0.597	0.601	0.596
170	9/19/2016 10:55	0.586	0.594	0.582
171	9/19/2016 10:56	0.588	0.593	0.584
172	9/19/2016 10:57	0.582	0.586	0.583
173	9/19/2016 10:58	0.584	0.588	0.58
174	9/19/2016 10:59	0.583	0.591	0.591
175	9/19/2016 11:00	0.585	0.59	0.583
176	9/19/2016 11:01	0.578	0.584	0.584
177	9/19/2016 11:02	0.581	0.585	0.58
178	9/19/2016 11:03	0.58	0.586	0.586
179	9/19/2016 11:04	0.585	0.587	0.585
180	9/19/2016 11:05	0.579	0.588	0.574
181	9/19/2016 11:06	0.568	0.574	0.571
182	9/19/2016 11:07	0.573	0.579	0.578
183	9/19/2016 11:08	0.593	0.602	0.602
184	9/19/2016 11:09	0.614	0.635	0.624
185	9/19/2016 11:10	0.627	0.641	0.639
186	9/19/2016 11:11	0.672	0.709	0.706
187	9/19/2016 11:12	0.68	0.728	0.678
188	9/19/2016 11:13	0.642	0.672	0.595
189	9/19/2016 11:14	0.589	0.599	0.598
190	9/19/2016 11:15	0.604	0.63	0.624
191	9/19/2016 11:16	0.654	0.675	0.65
192	9/19/2016 11:17	0.662	0.676	0.669
193	9/19/2016 11:18	0.725	0.782	0.647
194	9/19/2016 11:19	0.634	0.679	0.599
195	9/19/2016 11:20	0.599	0.602	0.599
196	9/19/2016 11:21	0.597	0.604	0.596
197	9/19/2016 11:22	0.595	0.602	0.599
198	9/19/2016 11:23	0.594	0.606	0.58
199	9/19/2016 11:24	0.59	0.612	0.607
200	9/19/2016 11:25	0.612	0.647	0.646
201	9/19/2016 11:26	0.62	0.647	0.598
202	9/19/2016 11:27	0.591	0.6	0.596
203	9/19/2016 11:28	0.6	0.61	0.595
204	9/19/2016 11:29	0.587	0.599	0.584
205	9/19/2016 11:30	0.589	0.611	0.611
206	9/19/2016 11:31	0.6	0.659	0.58
207	9/19/2016 11:32	0.582	0.591	0.584
208	9/19/2016 11:33	0.588	0.594	0.594
209	9/19/2016 11:34	0.59	0.596	0.59
210	9/19/2016 11:35	0.6	0.608	0.608
211	9/19/2016 11:36	0.638	0.792	0.629
212	9/19/2016 11:37	0.596	0.634	0.592
213	9/19/2016 11:38	0.608	0.644	0.597
214	9/19/2016 11:39	0.612	0.639	0.628
215	9/19/2016 11:40	0.607	0.631	0.591
216	9/19/2016 11:41	0.594	0.598	0.595
217	9/19/2016 11:42	0.601	0.611	0.611
218	9/19/2016 11:43	0.621	0.637	0.628
219	9/19/2016 11:44	0.623	0.664	0.594
220	9/19/2016 11:45	0.605	0.62	0.62
221	9/19/2016 11:46	0.617	0.645	0.604
222	9/19/2016 11:47	0.61	0.62	0.617
223	9/19/2016 11:48	0.62	0.673	0.672
224	9/19/2016 11:49	0.641	0.687	0.615
225	9/19/2016 11:50	0.636	0.785	0.64
226	9/19/2016 11:51	0.638	0.773	0.685
227	9/19/2016 11:52	0.622	0.705	0.611
228	9/19/2016 11:53	0.613	0.618	0.617
229	9/19/2016 11:54	0.626	0.636	0.635
230	9/19/2016 11:55	0.637	0.643	0.632
231	9/19/2016 11:56	0.647	0.688	0.635
232	9/19/2016 11:57	0.637	0.65	0.633
233	9/19/2016 11:58	0.634	0.637	0.636
234	9/19/2016 11:59	0.642	0.649	0.642
235	9/19/2016 12:00	0.653	0.666	0.662
236	9/19/2016 12:01	0.661	0.665	0.656
237	9/19/2016 12:02	0.659	0.664	0.66
238	9/19/2016 12:03	0.671	0.705	0.672
239	9/19/2016 12:04	0.666	0.677	0.668
240	9/19/2016 12:05	0.666	0.674	0.674

241	9/19/2016 12:06	0.671	0.677	0.671
242	9/19/2016 12:07	0.673	0.677	0.676
243	9/19/2016 12:08	0.693	0.795	0.683
244	9/19/2016 12:09	0.679	0.686	0.678
245	9/19/2016 12:10	0.68	0.686	0.671
246	9/19/2016 12:11	0.676	0.686	0.682
247	9/19/2016 12:12	0.679	0.685	0.673
248	9/19/2016 12:13	0.672	0.681	0.676
249	9/19/2016 12:14	0.66	0.675	0.659
250	9/19/2016 12:15	0.661	0.665	0.663
251	9/19/2016 12:16	0.657	0.664	0.657
252	9/19/2016 12:17	0.657	0.662	0.658
253	9/19/2016 12:18	0.658	0.669	0.65
254	9/19/2016 12:19	0.651	0.656	0.652
255	9/19/2016 12:20	0.654	0.658	0.657
256	9/19/2016 12:21	0.658	0.662	0.656
257	9/19/2016 12:22	0.657	0.663	0.656
258	9/19/2016 12:23	0.656	0.661	0.657
259	9/19/2016 12:24	0.654	0.66	0.66
260	9/19/2016 12:25	0.668	0.682	0.676
261	9/19/2016 12:26	0.659	0.673	0.66
262	9/19/2016 12:27	0.658	0.662	0.662
263	9/19/2016 12:28	0.661	0.667	0.661
264	9/19/2016 12:29	0.664	0.67	0.665
265	9/19/2016 12:30	0.672	0.679	0.672
266	9/19/2016 12:31	0.67	0.677	0.674
267	9/19/2016 12:32	0.671	0.678	0.669
268	9/19/2016 12:33	0.674	0.714	0.714
269	9/19/2016 12:34	0.69	0.712	0.679
270	9/19/2016 12:35	0.665	0.679	0.661
271	9/19/2016 12:36	0.659	0.667	0.659
272	9/19/2016 12:37	0.658	0.662	0.654
273	9/19/2016 12:38	0.654	0.656	0.654
274	9/19/2016 12:39	0.653	0.658	0.655
275	9/19/2016 12:40	0.653	0.655	0.653
276	9/19/2016 12:41	0.653	0.657	0.655
277	9/19/2016 12:42	0.648	0.654	0.647
278	9/19/2016 12:43	0.656	0.665	0.659
279	9/19/2016 12:44	0.653	0.661	0.646
280	9/19/2016 12:45	0.658	0.669	0.667
281	9/19/2016 12:46	0.666	0.676	0.669
282	9/19/2016 12:47	0.689	0.708	0.708
283	9/19/2016 12:48	0.728	0.792	0.692
284	9/19/2016 12:49	0.678	0.727	0.727
285	9/19/2016 12:50	0.707	0.73	0.696
286	9/19/2016 12:51	0.698	0.73	0.682
287	9/19/2016 12:52	0.691	0.712	0.692
288	9/19/2016 12:53	0.676	0.695	0.659
289	9/19/2016 12:54	0.647	0.66	0.643
290	9/19/2016 12:55	0.643	0.65	0.64
291	9/19/2016 12:56	0.637	0.64	0.636
292	9/19/2016 12:57	0.636	0.641	0.636
293	9/19/2016 12:58	0.633	0.64	0.63
294	9/19/2016 12:59	0.632	0.636	0.635
295	9/19/2016 13:00	0.631	0.636	0.631
296	9/19/2016 13:01	0.629	0.635	0.627
297	9/19/2016 13:02	0.627	0.63	0.628
298	9/19/2016 13:03	0.63	0.635	0.633
299	9/19/2016 13:04	0.638	0.649	0.648
300	9/19/2016 13:05	0.641	0.648	0.637
301	9/19/2016 13:06	0.639	0.647	0.634
302	9/19/2016 13:07	0.639	0.649	0.635
303	9/19/2016 13:08	0.638	0.644	0.638
304	9/19/2016 13:09	0.652	0.673	0.668
305	9/19/2016 13:10	0.652	0.671	0.643
306	9/19/2016 13:11	0.644	0.647	0.645
307	9/19/2016 13:12	0.643	0.646	0.643
308	9/19/2016 13:13	0.645	0.649	0.648
309	9/19/2016 13:14	0.657	0.668	0.654
310	9/19/2016 13:15	0.668	0.701	0.698
311	9/19/2016 13:16	0.673	0.696	0.668
312	9/19/2016 13:17	0.658	0.676	0.671
313	9/19/2016 13:18	0.676	0.713	0.657
314	9/19/2016 13:19	0.643	0.656	0.639
315	9/19/2016 13:20	0.635	0.64	0.631
316	9/19/2016 13:21	0.627	0.632	0.622
317	9/19/2016 13:22	0.621	0.624	0.619
318	9/19/2016 13:23	0.615	0.62	0.614
319	9/19/2016 13:24	0.614	0.623	0.622
320	9/19/2016 13:25	0.621	0.626	0.61
321	9/19/2016 13:26	0.609	0.613	0.605
322	9/19/2016 13:27	0.602	0.606	0.599
323	9/19/2016 13:28	0.596	0.6	0.597
324	9/19/2016 13:29	0.595	0.598	0.594
325	9/19/2016 13:30	0.636	0.779	0.779
326	9/19/2016 13:31	0.712	0.811	0.632
327	9/19/2016 13:32	0.716	0.849	0.849
328	9/19/2016 13:33	0.73	0.887	0.658
329	9/19/2016 13:34	0.621	0.682	0.596
330	9/19/2016 13:35	0.59	0.599	0.585
331	9/19/2016 13:36	0.586	0.601	0.582
332	9/19/2016 13:37	0.573	0.583	0.569
333	9/19/2016 13:38	0.567	0.57	0.566
334	9/19/2016 13:39	0.564	0.566	0.562
335	9/19/2016 13:40	0.561	0.564	0.561
336	9/19/2016 13:41	0.557	0.561	0.556
337	9/19/2016 13:42	0.553	0.556	0.552
338	9/19/2016 13:43	0.549	0.552	0.546
339	9/19/2016 13:44	0.545	0.548	0.544
340	9/19/2016 13:45	0.541	0.546	0.539
341	9/19/2016 13:46	0.538	0.541	0.536
342	9/19/2016 13:47	0.534	0.537	0.531
343	9/19/2016 13:48	0.531	0.534	0.528
344	9/19/2016 13:49	0.528	0.531	0.528
345	9/19/2016 13:50	0.532	0.63	0.63
346	9/19/2016 13:51	0.523	0.636	0.517
347	9/19/2016 13:52	0.519	0.522	0.52
348	9/19/2016 13:53	0.52	0.523	0.521
349	9/19/2016 13:54	0.519	0.521	0.517
350	9/19/2016 13:55	0.515	0.519	0.513
351	9/19/2016 13:56	0.509	0.515	0.506
352	9/19/2016 13:57	0.504	0.507	0.503
353	9/19/2016 13:58	0.501	0.504	0.5
354	9/19/2016 13:59	0.497	0.5	0.496
355	9/19/2016 14:00	0.493	0.496	0.489
356	9/19/2016 14:01	0.49	0.494	0.491

	357	9/19/2016 14:02	0.489	0.492	0.489
	358	9/19/2016 14:03	0.486	0.489	0.486
	359	9/19/2016 14:04	0.484	0.489	0.484
	360	9/19/2016 14:05	0.484	0.487	0.487
	361	9/19/2016 14:06	0.486	0.488	0.488
	362	9/19/2016 14:07	0.485	0.489	0.484
	363	9/19/2016 14:08	0.483	0.485	0.483
	364	9/19/2016 14:09	0.482	0.484	0.482
	365	9/19/2016 14:10	0.481	0.484	0.482
	366	9/19/2016 14:11	0.481	0.483	0.482
	367	9/19/2016 14:12	0.483	0.491	0.484
	368	9/19/2016 14:13	0.484	0.51	0.49
	369	9/19/2016 14:14	0.483	0.492	0.485
	370	9/19/2016 14:15	0.487	0.499	0.485
	371	9/19/2016 14:16	0.491	0.523	0.486
	372	9/19/2016 14:17	0.486	0.488	0.488
	373	9/19/2016 14:18	0.496	0.524	0.512
	374	9/19/2016 14:19	0.529	0.553	0.552
	375	9/19/2016 14:20	0.534	0.561	0.56
	376	9/19/2016 14:21	0.59	0.643	0.559
	377	9/19/2016 14:22	0.524	0.569	0.495
	378	9/19/2016 14:23	0.494	0.498	0.495
	379	9/19/2016 14:24	0.498	0.508	0.5
	380	9/19/2016 14:25	0.497	0.509	0.497
	381	9/19/2016 14:26	0.494	0.497	0.492
	382	9/19/2016 14:27	0.492	0.496	0.495
	383	9/19/2016 14:28	0.493	0.495	0.494
	384	9/19/2016 14:29	0.493	0.495	0.494
	385	9/19/2016 14:30	0.491	0.494	0.493
	386	9/19/2016 14:31	0.491	0.494	0.489
	387	9/19/2016 14:32	0.487	0.49	0.483
	388	9/19/2016 14:33	0.482	0.486	0.482
	389	9/19/2016 14:34	0.476	0.481	0.473
	390	9/19/2016 14:35	0.469	0.474	0.465
	391	9/19/2016 14:36	0.461	0.466	0.458
	392	9/19/2016 14:37	0.462	0.469	0.464
	393	9/19/2016 14:38	0.448	0.463	0.444
	394	9/19/2016 14:39	0.435	0.443	0.437
	395	9/19/2016 14:40	0.43	0.438	0.428
	396	9/19/2016 14:41	0.425	0.429	0.427
	397	9/19/2016 14:42	0.424	0.427	0.425
	398	9/19/2016 14:43	0.424	0.427	0.424
	399	9/19/2016 14:44	0.425	0.427	0.425
	400	9/19/2016 14:45	0.423	0.426	0.426
	401	9/19/2016 14:46	0.425	0.427	0.425
	402	9/19/2016 14:47	0.425	0.429	0.428
	403	9/19/2016 14:48	0.428	0.43	0.429
	404	9/19/2016 14:49	0.427	0.429	0.426
	405	9/19/2016 14:50	0.428	0.431	0.429
	406	9/19/2016 14:51	0.43	0.448	0.429
	407	9/19/2016 14:52	0.43	0.432	0.431
	408	9/19/2016 14:53	0.429	0.432	0.427
	409	9/19/2016 14:54	0.426	0.43	0.429
	410	9/19/2016 14:55	0.424	0.429	0.421
	411	9/19/2016 14:56	0.42	0.423	0.414
	412	9/19/2016 14:57	0.415	0.418	0.416
	413	9/19/2016 14:58	0.417	0.42	0.417
	414	9/19/2016 14:59	0.416	0.419	0.415
	415	9/19/2016 15:00	0.415	0.418	0.416
	416	9/19/2016 15:01	0.418	0.423	0.418
	417	9/19/2016 15:02	0.418	0.42	0.418
	418	9/19/2016 15:03	0.42	0.422	0.419
	419	9/19/2016 15:04	0.419	0.423	0.422
	420	9/19/2016 15:05	0.423	0.427	0.427
	421	9/19/2016 15:06	0.426	0.428	0.427
	422	9/19/2016 15:07	0.426	0.43	0.426
	423	9/19/2016 15:08	0.426	0.43	0.43
	424	9/19/2016 15:09	0.429	0.432	0.43
	425	9/19/2016 15:10	0.429	0.432	0.429
	426	9/19/2016 15:11	0.427	0.432	0.427
	427	9/19/2016 15:12	0.426	0.428	0.424
	428	9/19/2016 15:13	0.423	0.427	0.419
	429	9/19/2016 15:14	0.42	0.424	0.421
	430	9/19/2016 15:15	0.42	0.423	0.418
	431	9/19/2016 15:16	0.408	0.419	0.404
	432	9/19/2016 15:17	0.402	0.405	0.399
	433	9/19/2016 15:18	0.402	0.407	0.406
	434	9/19/2016 15:19	0.423	0.437	0.43
	435	9/19/2016 15:20	0.424	0.43	0.42
	436	9/19/2016 15:21	0.417	0.42	0.412
	437	9/19/2016 15:22	0.413	0.416	0.414
	438	9/19/2016 15:23	0.41	0.414	0.41
	439	9/19/2016 15:24	0.408	0.412	0.406
	440	9/19/2016 15:25	0.405	0.407	0.404
	441	9/19/2016 15:26	0.4	0.406	0.4
	442	9/19/2016 15:27	0.399	0.402	0.398
	443	9/19/2016 15:28	0.4	0.41	0.404
	444	9/19/2016 15:29	0.42	0.432	0.427
	445	9/19/2016 15:30	0.418	0.429	0.429
	446	9/19/2016 15:31	0.464	0.513	0.509
	447	9/19/2016 15:32	0.582	0.602	0.586
	448	9/19/2016 15:33	0.582	0.591	0.563
	449	9/19/2016 15:34	0.561	0.569	0.556
	450	9/19/2016 15:35	0.569	0.574	0.568
	451	9/19/2016 15:36	0.564	0.573	0.565
	452	9/19/2016 15:37	0.566	0.574	0.564
Peak			1.06	1.088	1.085
Min			0.044	0.112	0.062
Average			0.583	0.601	0.584

TWA/STEL

Index	Date/Time	VOC(ppm)	
		(TWA)	(STEL)
1	9/19/2016 8:06	0	---
2	9/19/2016 8:07	0	---
3	9/19/2016 8:08	0.001	---
4	9/19/2016 8:09	0.001	---
5	9/19/2016 8:10	0.002	---
6	9/19/2016 8:11	0.003	---
7	9/19/2016 8:12	0.004	---
8	9/19/2016 8:13	0.006	---
9	9/19/2016 8:14	0.007	---
10	9/19/2016 8:15	0.009	---
11	9/19/2016 8:16	0.01	---
12	9/19/2016 8:17	0.012	---
13	9/19/2016 8:18	0.013	---
14	9/19/2016 8:19	0.015	---
15	9/19/2016 8:20	0.017	0.533
16	9/19/2016 8:21	0.018	0.583
17	9/19/2016 8:22	0.02	0.63
18	9/19/2016 8:23	0.022	0.676
19	9/19/2016 8:24	0.024	0.719
20	9/19/2016 8:25	0.025	0.763
21	9/19/2016 8:26	0.027	0.785
22	9/19/2016 8:27	0.029	0.802
23	9/19/2016 8:28	0.031	0.817
24	9/19/2016 8:29	0.032	0.813
25	9/19/2016 8:30	0.034	0.804
26	9/19/2016 8:31	0.035	0.792
27	9/19/2016 8:32	0.036	0.779
28	9/19/2016 8:33	0.037	0.764
29	9/19/2016 8:34	0.038	0.748
30	9/19/2016 8:35	0.039	0.73
31	9/19/2016 8:36	0.041	0.712
32	9/19/2016 8:37	0.042	0.694
33	9/19/2016 8:38	0.043	0.675
34	9/19/2016 8:39	0.044	0.655
35	9/19/2016 8:40	0.045	0.633
36	9/19/2016 8:41	0.046	0.609
37	9/19/2016 8:42	0.047	0.585
38	9/19/2016 8:43	0.049	0.56
39	9/19/2016 8:44	0.05	0.553
40	9/19/2016 8:45	0.051	0.551
41	9/19/2016 8:46	0.052	0.555
42	9/19/2016 8:47	0.054	0.564
43	9/19/2016 8:48	0.055	0.565
44	9/19/2016 8:49	0.056	0.567
45	9/19/2016 8:50	0.057	0.568
46	9/19/2016 8:51	0.059	0.575
47	9/19/2016 8:52	0.061	0.6
48	9/19/2016 8:53	0.063	0.632
49	9/19/2016 8:54	0.065	0.667
50	9/19/2016 8:55	0.067	0.692
51	9/19/2016 8:56	0.069	0.715
52	9/19/2016 8:57	0.071	0.74
53	9/19/2016 8:58	0.073	0.768
54	9/19/2016 8:59	0.074	0.791
55	9/19/2016 9:00	0.076	0.809
56	9/19/2016 9:01	0.078	0.818
57	9/19/2016 9:02	0.079	0.823
58	9/19/2016 9:03	0.081	0.831
59	9/19/2016 9:04	0.082	0.839
60	9/19/2016 9:05	0.084	0.843
61	9/19/2016 9:06	0.085	0.842
62	9/19/2016 9:07	0.086	0.82
63	9/19/2016 9:08	0.087	0.789
64	9/19/2016 9:09	0.089	0.757
65	9/19/2016 9:10	0.09	0.736
66	9/19/2016 9:11	0.091	0.717
67	9/19/2016 9:12	0.092	0.696
68	9/19/2016 9:13	0.094	0.672
69	9/19/2016 9:14	0.095	0.652
70	9/19/2016 9:15	0.096	0.637
71	9/19/2016 9:16	0.097	0.626
72	9/19/2016 9:17	0.099	0.616
73	9/19/2016 9:18	0.1	0.607
74	9/19/2016 9:19	0.101	0.599
75	9/19/2016 9:20	0.102	0.595
76	9/19/2016 9:21	0.103	0.59
77	9/19/2016 9:22	0.104	0.587
78	9/19/2016 9:23	0.106	0.585
79	9/19/2016 9:24	0.107	0.581
80	9/19/2016 9:25	0.108	0.578
81	9/19/2016 9:26	0.109	0.576
82	9/19/2016 9:27	0.11	0.573
83	9/19/2016 9:28	0.111	0.571
84	9/19/2016 9:29	0.113	0.568
85	9/19/2016 9:30	0.114	0.567
86	9/19/2016 9:31	0.115	0.57
87	9/19/2016 9:32	0.116	0.567
88	9/19/2016 9:33	0.117	0.565
89	9/19/2016 9:34	0.119	0.564
90	9/19/2016 9:35	0.12	0.564
91	9/19/2016 9:36	0.121	0.564
92	9/19/2016 9:37	0.122	0.563
93	9/19/2016 9:38	0.123	0.563
94	9/19/2016 9:39	0.124	0.563
95	9/19/2016 9:40	0.126	0.563
96	9/19/2016 9:41	0.127	0.562
97	9/19/2016 9:42	0.128	0.563
98	9/19/2016 9:43	0.129	0.563
99	9/19/2016 9:44	0.13	0.563
100	9/19/2016 9:45	0.131	0.561
101	9/19/2016 9:46	0.132	0.555
102	9/19/2016 9:47	0.134	0.555
103	9/19/2016 9:48	0.135	0.556
104	9/19/2016 9:49	0.136	0.556
105	9/19/2016 9:50	0.137	0.556
106	9/19/2016 9:51	0.138	0.557
107	9/19/2016 9:52	0.139	0.557
108	9/19/2016 9:53	0.141	0.557
109	9/19/2016 9:54	0.142	0.558
110	9/19/2016 9:55	0.143	0.56
111	9/19/2016 9:56	0.144	0.561
112	9/19/2016 9:57	0.145	0.562
113	9/19/2016 9:58	0.147	0.564
114	9/19/2016 9:59	0.148	0.565
115	9/19/2016 10:00	0.149	0.567
116	9/19/2016 10:01	0.15	0.568
117	9/19/2016 10:02	0.151	0.569

118	9/19/2016 10:03	0.153	0.57
119	9/19/2016 10:04	0.154	0.57
120	9/19/2016 10:05	0.155	0.573
121	9/19/2016 10:06	0.156	0.576
122	9/19/2016 10:07	0.158	0.577
123	9/19/2016 10:08	0.159	0.577
124	9/19/2016 10:09	0.16	0.578
125	9/19/2016 10:10	0.161	0.578
126	9/19/2016 10:11	0.162	0.579
127	9/19/2016 10:12	0.164	0.579
128	9/19/2016 10:13	0.165	0.578
129	9/19/2016 10:14	0.166	0.579
130	9/19/2016 10:15	0.167	0.586
131	9/19/2016 10:16	0.169	0.587
132	9/19/2016 10:17	0.17	0.588
133	9/19/2016 10:18	0.171	0.589
134	9/19/2016 10:19	0.172	0.59
135	9/19/2016 10:20	0.173	0.589
136	9/19/2016 10:21	0.175	0.587
137	9/19/2016 10:22	0.176	0.588
138	9/19/2016 10:23	0.177	0.588
139	9/19/2016 10:24	0.178	0.589
140	9/19/2016 10:25	0.18	0.59
141	9/19/2016 10:26	0.181	0.59
142	9/19/2016 10:27	0.182	0.591
143	9/19/2016 10:28	0.183	0.591
144	9/19/2016 10:29	0.184	0.591
145	9/19/2016 10:30	0.186	0.585
146	9/19/2016 10:31	0.187	0.584
147	9/19/2016 10:32	0.188	0.583
148	9/19/2016 10:33	0.189	0.583
149	9/19/2016 10:34	0.19	0.583
150	9/19/2016 10:35	0.192	0.583
151	9/19/2016 10:36	0.193	0.583
152	9/19/2016 10:37	0.194	0.59
153	9/19/2016 10:38	0.196	0.6
154	9/19/2016 10:39	0.197	0.602
155	9/19/2016 10:40	0.198	0.603
156	9/19/2016 10:41	0.2	0.604
157	9/19/2016 10:42	0.201	0.604
158	9/19/2016 10:43	0.202	0.605
159	9/19/2016 10:44	0.203	0.605
160	9/19/2016 10:45	0.205	0.605
161	9/19/2016 10:46	0.206	0.606
162	9/19/2016 10:47	0.207	0.606
163	9/19/2016 10:48	0.208	0.606
164	9/19/2016 10:49	0.209	0.607
165	9/19/2016 10:50	0.211	0.607
166	9/19/2016 10:51	0.212	0.608
167	9/19/2016 10:52	0.213	0.601
168	9/19/2016 10:53	0.214	0.592
169	9/19/2016 10:54	0.216	0.591
170	9/19/2016 10:55	0.217	0.589
171	9/19/2016 10:56	0.218	0.589
172	9/19/2016 10:57	0.219	0.588
173	9/19/2016 10:58	0.22	0.588
174	9/19/2016 10:59	0.222	0.588
175	9/19/2016 11:00	0.223	0.588
176	9/19/2016 11:01	0.224	0.588
177	9/19/2016 11:02	0.225	0.587
178	9/19/2016 11:03	0.227	0.587
179	9/19/2016 11:04	0.228	0.587
180	9/19/2016 11:05	0.229	0.586
181	9/19/2016 11:06	0.23	0.584
182	9/19/2016 11:07	0.231	0.583
183	9/19/2016 11:08	0.233	0.584
184	9/19/2016 11:09	0.234	0.586
185	9/19/2016 11:10	0.235	0.59
186	9/19/2016 11:11	0.237	0.598
187	9/19/2016 11:12	0.238	0.604
188	9/19/2016 11:13	0.239	0.605
189	9/19/2016 11:14	0.241	0.606
190	9/19/2016 11:15	0.242	0.608
191	9/19/2016 11:16	0.243	0.613
192	9/19/2016 11:17	0.245	0.619
193	9/19/2016 11:18	0.246	0.623
194	9/19/2016 11:19	0.247	0.624
195	9/19/2016 11:20	0.248	0.625
196	9/19/2016 11:21	0.25	0.627
197	9/19/2016 11:22	0.251	0.628
198	9/19/2016 11:23	0.252	0.627
199	9/19/2016 11:24	0.253	0.626
200	9/19/2016 11:25	0.255	0.626
201	9/19/2016 11:26	0.256	0.619
202	9/19/2016 11:27	0.257	0.614
203	9/19/2016 11:28	0.259	0.614
204	9/19/2016 11:29	0.26	0.613
205	9/19/2016 11:30	0.261	0.612
206	9/19/2016 11:31	0.262	0.607
207	9/19/2016 11:32	0.263	0.601
208	9/19/2016 11:33	0.265	0.598
209	9/19/2016 11:34	0.266	0.597
210	9/19/2016 11:35	0.267	0.598
211	9/19/2016 11:36	0.268	0.6
212	9/19/2016 11:37	0.27	0.6
213	9/19/2016 11:38	0.271	0.601
214	9/19/2016 11:39	0.272	0.602
215	9/19/2016 11:40	0.274	0.598
216	9/19/2016 11:41	0.275	0.598
217	9/19/2016 11:42	0.276	0.599
218	9/19/2016 11:43	0.277	0.601
219	9/19/2016 11:44	0.279	0.602
220	9/19/2016 11:45	0.28	0.603
221	9/19/2016 11:46	0.281	0.604
222	9/19/2016 11:47	0.282	0.607
223	9/19/2016 11:48	0.284	0.612
224	9/19/2016 11:49	0.285	0.613
225	9/19/2016 11:50	0.286	0.616
226	9/19/2016 11:51	0.288	0.619
227	9/19/2016 11:52	0.289	0.621
228	9/19/2016 11:53	0.29	0.622
229	9/19/2016 11:54	0.292	0.622
230	9/19/2016 11:55	0.293	0.625
231	9/19/2016 11:56	0.294	0.628
232	9/19/2016 11:57	0.296	0.629
233	9/19/2016 11:58	0.297	0.63
234	9/19/2016 11:59	0.298	0.633
235	9/19/2016 12:00	0.3	0.636
236	9/19/2016 12:01	0.301	0.639
237	9/19/2016 12:02	0.302	0.642
238	9/19/2016 12:03	0.304	0.642
239	9/19/2016 12:04	0.305	0.646

240	9/19/2016 12:05	0.307	0.648
241	9/19/2016 12:06	0.308	0.647
242	9/19/2016 12:07	0.309	0.651
243	9/19/2016 12:08	0.311	0.656
244	9/19/2016 12:09	0.312	0.659
245	9/19/2016 12:10	0.314	0.661
246	9/19/2016 12:11	0.315	0.664
247	9/19/2016 12:12	0.317	0.667
248	9/19/2016 12:13	0.318	0.67
249	9/19/2016 12:14	0.319	0.671
250	9/19/2016 12:15	0.321	0.671
251	9/19/2016 12:16	0.322	0.671
252	9/19/2016 12:17	0.323	0.671
253	9/19/2016 12:18	0.325	0.669
254	9/19/2016 12:19	0.326	0.668
255	9/19/2016 12:20	0.328	0.667
256	9/19/2016 12:21	0.329	0.666
257	9/19/2016 12:22	0.33	0.665
258	9/19/2016 12:23	0.332	0.663
259	9/19/2016 12:24	0.333	0.662
260	9/19/2016 12:25	0.334	0.662
261	9/19/2016 12:26	0.336	0.661
262	9/19/2016 12:27	0.337	0.66
263	9/19/2016 12:28	0.339	0.659
264	9/19/2016 12:29	0.34	0.659
265	9/19/2016 12:30	0.341	0.66
266	9/19/2016 12:31	0.343	0.661
267	9/19/2016 12:32	0.344	0.662
268	9/19/2016 12:33	0.346	0.666
269	9/19/2016 12:34	0.347	0.668
270	9/19/2016 12:35	0.348	0.668
271	9/19/2016 12:36	0.35	0.668
272	9/19/2016 12:37	0.351	0.668
273	9/19/2016 12:38	0.352	0.668
274	9/19/2016 12:39	0.354	0.668
275	9/19/2016 12:40	0.355	0.666
276	9/19/2016 12:41	0.357	0.666
277	9/19/2016 12:42	0.358	0.665
278	9/19/2016 12:43	0.359	0.665
279	9/19/2016 12:44	0.361	0.663
280	9/19/2016 12:45	0.362	0.663
281	9/19/2016 12:46	0.363	0.663
282	9/19/2016 12:47	0.365	0.665
283	9/19/2016 12:48	0.366	0.664
284	9/19/2016 12:49	0.368	0.667
285	9/19/2016 12:50	0.369	0.669
286	9/19/2016 12:51	0.371	0.671
287	9/19/2016 12:52	0.372	0.673
288	9/19/2016 12:53	0.374	0.674
289	9/19/2016 12:54	0.375	0.673
290	9/19/2016 12:55	0.376	0.672
291	9/19/2016 12:56	0.378	0.671
292	9/19/2016 12:57	0.379	0.67
293	9/19/2016 12:58	0.38	0.668
294	9/19/2016 12:59	0.381	0.667
295	9/19/2016 13:00	0.383	0.665
296	9/19/2016 13:01	0.384	0.662
297	9/19/2016 13:02	0.385	0.657
298	9/19/2016 13:03	0.387	0.653
299	9/19/2016 13:04	0.388	0.648
300	9/19/2016 13:05	0.389	0.644
301	9/19/2016 13:06	0.391	0.641
302	9/19/2016 13:07	0.392	0.637
303	9/19/2016 13:08	0.393	0.635
304	9/19/2016 13:09	0.395	0.637
305	9/19/2016 13:10	0.396	0.637
306	9/19/2016 13:11	0.397	0.638
307	9/19/2016 13:12	0.399	0.638
308	9/19/2016 13:13	0.4	0.64
309	9/19/2016 13:14	0.402	0.641
310	9/19/2016 13:15	0.403	0.645
311	9/19/2016 13:16	0.404	0.648
312	9/19/2016 13:17	0.406	0.651
313	9/19/2016 13:18	0.407	0.652
314	9/19/2016 13:19	0.408	0.652
315	9/19/2016 13:20	0.41	0.651
316	9/19/2016 13:21	0.411	0.651
317	9/19/2016 13:22	0.412	0.65
318	9/19/2016 13:23	0.414	0.648
319	9/19/2016 13:24	0.415	0.645
320	9/19/2016 13:25	0.416	0.643
321	9/19/2016 13:26	0.417	0.64
322	9/19/2016 13:27	0.419	0.637
323	9/19/2016 13:28	0.42	0.634
324	9/19/2016 13:29	0.421	0.63
325	9/19/2016 13:30	0.423	0.635
326	9/19/2016 13:31	0.424	0.633
327	9/19/2016 13:32	0.426	0.645
328	9/19/2016 13:33	0.427	0.645
329	9/19/2016 13:34	0.429	0.642
330	9/19/2016 13:35	0.43	0.639
331	9/19/2016 13:36	0.431	0.636
332	9/19/2016 13:37	0.432	0.633
333	9/19/2016 13:38	0.433	0.63
334	9/19/2016 13:39	0.434	0.626
335	9/19/2016 13:40	0.436	0.622
336	9/19/2016 13:41	0.437	0.619
337	9/19/2016 13:42	0.438	0.616
338	9/19/2016 13:43	0.439	0.612
339	9/19/2016 13:44	0.44	0.609
340	9/19/2016 13:45	0.441	0.593
341	9/19/2016 13:46	0.442	0.587
342	9/19/2016 13:47	0.444	0.566
343	9/19/2016 13:48	0.445	0.557
344	9/19/2016 13:49	0.446	0.552
345	9/19/2016 13:50	0.447	0.555
346	9/19/2016 13:51	0.448	0.551
347	9/19/2016 13:52	0.449	0.548
348	9/19/2016 13:53	0.45	0.545
349	9/19/2016 13:54	0.451	0.542
350	9/19/2016 13:55	0.452	0.539
351	9/19/2016 13:56	0.454	0.535
352	9/19/2016 13:57	0.455	0.532
353	9/19/2016 13:58	0.456	0.529
354	9/19/2016 13:59	0.457	0.526
355	9/19/2016 14:00	0.458	0.522
356	9/19/2016 14:01	0.459	0.519
357	9/19/2016 14:02	0.46	0.517
358	9/19/2016 14:03	0.461	0.514
359	9/19/2016 14:04	0.462	0.511
360	9/19/2016 14:05	0.463	0.501
361	9/19/2016 14:06	0.464	0.499

362	9/19/2016 14:07	0.465	0.497
363	9/19/2016 14:08	0.466	0.494
364	9/19/2016 14:09	0.467	0.492
365	9/19/2016 14:10	0.468	0.49
366	9/19/2016 14:11	0.469	0.488
367	9/19/2016 14:12	0.47	0.487
368	9/19/2016 14:13	0.471	0.486
369	9/19/2016 14:14	0.472	0.486
370	9/19/2016 14:15	0.473	0.485
371	9/19/2016 14:16	0.474	0.485
372	9/19/2016 14:17	0.475	0.485
373	9/19/2016 14:18	0.476	0.487
374	9/19/2016 14:19	0.477	0.491
375	9/19/2016 14:20	0.478	0.496
376	9/19/2016 14:21	0.479	0.501
377	9/19/2016 14:22	0.48	0.502
378	9/19/2016 14:23	0.481	0.502
379	9/19/2016 14:24	0.483	0.504
380	9/19/2016 14:25	0.484	0.505
381	9/19/2016 14:26	0.485	0.505
382	9/19/2016 14:27	0.486	0.506
383	9/19/2016 14:28	0.487	0.506
384	9/19/2016 14:29	0.488	0.507
385	9/19/2016 14:30	0.489	0.507
386	9/19/2016 14:31	0.49	0.508
387	9/19/2016 14:32	0.491	0.507
388	9/19/2016 14:33	0.492	0.505
389	9/19/2016 14:34	0.493	0.5
390	9/19/2016 14:35	0.494	0.494
391	9/19/2016 14:36	0.495	0.487

	392	9/19/2016 14:37	0.496	0.485				
	393	9/19/2016 14:38	0.497	0.482				
	394	9/19/2016 14:39	0.497	0.477				
	395	9/19/2016 14:40	0.498	0.473				
	396	9/19/2016 14:41	0.499	0.468				
	397	9/19/2016 14:42	0.5	0.464				
	398	9/19/2016 14:43	0.501	0.459				
	399	9/19/2016 14:44	0.502	0.454				
	400	9/19/2016 14:45	0.503	0.45				
	401	9/19/2016 14:46	0.504	0.446				
	402	9/19/2016 14:47	0.505	0.442				
	403	9/19/2016 14:48	0.505	0.439				
	404	9/19/2016 14:49	0.506	0.435				
	405	9/19/2016 14:50	0.507	0.433				
	406	9/19/2016 14:51	0.508	0.431				
	407	9/19/2016 14:52	0.509	0.429				
	408	9/19/2016 14:53	0.51	0.428				
	409	9/19/2016 14:54	0.511	0.427				
	410	9/19/2016 14:55	0.512	0.427				
	411	9/19/2016 14:56	0.513	0.426				
	412	9/19/2016 14:57	0.513	0.425				
	413	9/19/2016 14:58	0.514	0.425				
	414	9/19/2016 14:59	0.515	0.424				
	415	9/19/2016 15:00	0.516	0.423				
	416	9/19/2016 15:01	0.517	0.423				
	417	9/19/2016 15:02	0.518	0.422				
	418	9/19/2016 15:03	0.519	0.422				
	419	9/19/2016 15:04	0.519	0.421				
	420	9/19/2016 15:05	0.52	0.421				
	421	9/19/2016 15:06	0.521	0.421				
	422	9/19/2016 15:07	0.522	0.421				
	423	9/19/2016 15:08	0.523	0.421				
	424	9/19/2016 15:09	0.524	0.421				
	425	9/19/2016 15:10	0.525	0.422				
	426	9/19/2016 15:11	0.526	0.422				
	427	9/19/2016 15:12	0.527	0.423				
	428	9/19/2016 15:13	0.527	0.423				
	429	9/19/2016 15:14	0.528	0.424				
	430	9/19/2016 15:15	0.529	0.424				
	431	9/19/2016 15:16	0.53	0.423				
	432	9/19/2016 15:17	0.531	0.421				
	433	9/19/2016 15:18	0.532	0.421				
	434	9/19/2016 15:19	0.533	0.421				
	435	9/19/2016 15:20	0.534	0.421				
	436	9/19/2016 15:21	0.534	0.42				
	437	9/19/2016 15:22	0.535	0.419				
	438	9/19/2016 15:23	0.536	0.418				
	439	9/19/2016 15:24	0.537	0.416				
	440	9/19/2016 15:25	0.538	0.414				
	441	9/19/2016 15:26	0.539	0.412				
	442	9/19/2016 15:27	0.539	0.411				
	443	9/19/2016 15:28	0.54	0.41				
	444	9/19/2016 15:29	0.541	0.41				
	445	9/19/2016 15:30	0.542	0.411				
	446	9/19/2016 15:31	0.543	0.418				
	447	9/19/2016 15:32	0.544	0.43				
	448	9/19/2016 15:33	0.546	0.441				
	449	9/19/2016 15:34	0.547	0.449				
	450	9/19/2016 15:35	0.548	0.459				
	451	9/19/2016 15:36	0.549	0.469				
	452	9/19/2016 15:37	0.55	0.479				
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16/09/19 16:38								

Summary								

Unit Name	MiniRAE 3000(PGM-7320)							
Unit SN	592-912301							
Unit Firmware Ver	V1.20							

Running Mode	Hygiene Mode							
Measure Type	Avg; Max; Real							
Datalog Mode	Continuous							
Datalog Type	Auto							
Diagnostic Mode	No							
Stop Reason	Pause in Communication Mode							

Site ID	12345678							
User ID	12345678							

Begin	9/19/2016 16:38							
End	9/19/2016 16:44							
Sample Period(s)	60							
Number of Records	5							

Sensor	VOC(ppm)							
Span	100							
Span 2	N/A							
Low Alarm	50							
High Alarm	100							
Over Alarm	15000							
STEL Alarm	100							
TWA Alarm	50							
Measurement Gas	Isobutylene							
Calibration Time	9/19/2016 7:55							
Peak	0.365							
Min	0.358							
Average	0.362							

Datalog								

Index	Date/Time	VOC(ppm) (Avg)	VOC(ppm) (Max)	VOC(ppm) (Real)				
1	9/19/2016 16:39	0.366	0.385	0.364				
2	9/19/2016 16:40	0.366	0.381	0.36				
3	9/19/2016 16:41	0.357	0.365	0.364				
4	9/19/2016 16:42	0.359	0.37	0.358				
5	9/19/2016 16:43	0.363	0.373	0.365				
Peak		0.366	0.385	0.365				
Min		0.357	0.365	0.358				
Average		0.362	0.375	0.362				

TWA/STEL								

Index	Date/Time	VOC(ppm) (TWA)	VOC(ppm) (STEL)					
1	9/19/2016 16:39	0.001	---					
2	9/19/2016 16:40	0.002	---					
3	9/19/2016 16:41	0.002	---					
4	9/19/2016 16:42	0.003	---					
5	9/19/2016 16:43	0.004	---					

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16/09/20 07:08

Summary

Unit Name	MiniRAE 3000(PGM-7320)
Unit SN	592-912301
Unit Firmware Ver	V1.20
Running Mode	Hygiene Mode
Measure Type	Avg; Max; Real
Datalog Mode	Continuous
Datalog Type	Auto
Diagnostic Mode	No
Stop Reason	Pause in Menu Mode

Site ID	12345678
User ID	12345678

Begin	9/20/2016 7:08
End	9/20/2016 7:13
Sample Period(s)	60
Number of Records	5

Sensor	VOC(ppm)
Span	100
Span 2	N/A
Low Alarm	50
High Alarm	100
Over Alarm	15000
STEL Alarm	100
TWA Alarm	50
Measurement Gas	Isobutylene
Calibration Time	9/19/2016 7:55
Peak	0.478
Min	0.173
Average	0.338

Datalog

Index	Date/Time	VOC(ppm)	VOC(ppm)	VOC(ppm)
		(Avg)	(Max)	(Real)
1	9/20/2016 7:09	0.313	0.387	0.387
2	9/20/2016 7:10	0.421	0.443	0.443
3	9/20/2016 7:11	0.701	1.634	0.478
4	9/20/2016 7:12	0.288	0.457	0.208
5	9/20/2016 7:13	0.185	0.206	0.173
Peak		0.701	1.634	0.478
Min		0.185	0.206	0.173
Average		0.382	0.625	0.338

TWA/STEL

Index	Date/Time	VOC(ppm)	VOC(ppm)
		(TWA)	(STEL)
1	9/20/2016 7:09	0.001	---
2	9/20/2016 7:10	0.002	---
3	9/20/2016 7:11	0.003	---
4	9/20/2016 7:12	0.003	---
5	9/20/2016 7:13	0.004	---

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16/09/20 07:17

Summary

Unit Name	MiniRAE 3000(PGM-7320)
Unit SN	592-912301
Unit Firmware Ver	V1.20
Running Mode	Hygiene Mode
Measure Type	Avg; Max; Real
Datalog Mode	Continuous
Datalog Type	Auto
Diagnostic Mode	No
Stop Reason	Pause in Menu Mode

Site ID	12345678
User ID	12345678

Begin	9/20/2016 7:17
End	9/20/2016 7:17
Sample Period(s)	60
Number of Records	0

Sensor	VOC(ppm)
Span	100
Span 2	N/A
Low Alarm	50
High Alarm	100
Over Alarm	15000
STEL Alarm	100
TWA Alarm	50
Measurement Gas	Isobutylene
Calibration Time	9/20/2016 7:15

Datalog

0 record.

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16/09/20 07:17

Summary

Unit Name	MiniRAE 3000(PGM-7320)
Unit SN	592-912301
Unit Firmware Ver	V1.20

Running Mode	Hygiene Mode
Measure Type	Avg; Max; Real
Datalog Mode	Continuous
Datalog Type	Auto
Diagnostic Mode	No
Stop Reason	Power Down

Site ID	12345678
User ID	12345678

Begin	9/20/2016 7:17
End	9/20/2016 7:17
Sample Period(s)	60
Number of Records	0

Sensor	VOC(ppm)
Span	100
Span 2	N/A
Low Alarm	50
High Alarm	100
Over Alarm	15000
STEL Alarm	100
TWA Alarm	50
Measurement Gas	Isobutylene
Calibration Time	9/20/2016 7:15

Datalog

0 record.

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16/09/20 07:17

Summary

Unit Name	MiniRAE 3000(PGM-7320)
Unit SN	592-912301
Unit Firmware Ver	V1.20

Running Mode	Hygiene Mode
Measure Type	Avg; Max; Real
Datalog Mode	Continuous
Datalog Type	Auto
Diagnostic Mode	No
Stop Reason	Pause in Menu Mode

Site ID	12345678
User ID	12345678

Begin	9/20/2016 7:17
End	9/20/2016 7:18
Sample Period(s)	60
Number of Records	0

Sensor	VOC(ppm)
Span	100
Span 2	N/A
Low Alarm	50
High Alarm	100
Over Alarm	15000
STEL Alarm	100
TWA Alarm	50
Measurement Gas	Isobutylene
Calibration Time	9/20/2016 7:15

Datalog

0 record.

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16/09/20 07:19

Summary

Unit Name	MiniRAE 3000(PGM-7320)
Unit SN	592-912301
Unit Firmware Ver	V1.20

Running Mode	Hygiene Mode
Measure Type	Avg; Max; Real
Datalog Mode	Continuous
Datalog Type	Auto
Diagnostic Mode	No
Stop Reason	Unknown

Site ID	12345678
User ID	12345678

Begin	9/20/2016 7:19
End	9/20/2016 7:19
Sample Period(s)	60
Number of Records	0

Sensor	VOC(ppm)
Span	100
Span 2	N/A
Low Alarm	50
High Alarm	100
Over Alarm	15000
STEL Alarm	100
TWA Alarm	50
Measurement Gas	Isobutylene
Calibration Time	9/20/2016 7:15

Datalog

0 record.

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16/09/20 11:46

Summary

Unit Name	MiniRAE 3000(PGM-7320)
Unit SN	592-912301
Unit Firmware Ver	V1.20

Running Mode	Hygiene Mode
Measure Type	Avg; Max; Real
Datalog Mode	Continuous
Datalog Type	Auto
Diagnostic Mode	No
Stop Reason	Power Down

Site ID	12345678
User ID	12345678

Begin	9/20/2016 11:46
End	9/20/2016 14:59
Sample Period(s)	60
Number of Records	193

Sensor	VOC(ppm)
Span	100
Span 2	N/A
Low Alarm	50
High Alarm	100
Over Alarm	15000
STEL Alarm	100
TWA Alarm	50
Measurement Gas	Isobutylene
Calibration Time	9/20/2016 7:15
Peak	0.446
Min	0.231
Average	0.399

Datalog

Index	Date/Time	VOC(ppm)	VOC(ppm)	VOC(ppm)
		(Avg)	(Max)	(Real)
1	9/20/2016 11:47	0.228	0.243	0.231
2	9/20/2016 11:48	0.235	0.24	0.238
3	9/20/2016 11:49	0.241	0.247	0.241
4	9/20/2016 11:50	0.245	0.251	0.251
5	9/20/2016 11:51	0.252	0.261	0.257
6	9/20/2016 11:52	0.258	0.262	0.262
7	9/20/2016 11:53	0.265	0.28	0.262
8	9/20/2016 11:54	0.381	0.576	0.396
9	9/20/2016 11:55	0.389	0.396	0.392
10	9/20/2016 11:56	0.388	0.391	0.391
11	9/20/2016 11:57	0.391	0.394	0.394
12	9/20/2016 11:58	0.392	0.395	0.394
13	9/20/2016 11:59	0.395	0.397	0.396
14	9/20/2016 12:00	0.398	0.434	0.393
15	9/20/2016 12:01	0.397	0.4	0.397
16	9/20/2016 12:02	0.4	0.404	0.402
17	9/20/2016 12:03	0.403	0.411	0.411
18	9/20/2016 12:04	0.406	0.41	0.408
19	9/20/2016 12:05	0.41	0.425	0.409
20	9/20/2016 12:06	0.412	0.417	0.416
21	9/20/2016 12:07	0.415	0.418	0.416
22	9/20/2016 12:08	0.416	0.422	0.421
23	9/20/2016 12:09	0.419	0.422	0.42
24	9/20/2016 12:10	0.422	0.424	0.423
25	9/20/2016 12:11	0.424	0.427	0.427
26	9/20/2016 12:12	0.426	0.435	0.427
27	9/20/2016 12:13	0.425	0.428	0.424
28	9/20/2016 12:14	0.424	0.429	0.425
29	9/20/2016 12:15	0.434	0.465	0.427
30	9/20/2016 12:16	0.427	0.431	0.429
31	9/20/2016 12:17	0.428	0.43	0.43
32	9/20/2016 12:18	0.427	0.431	0.428
33	9/20/2016 12:19	0.425	0.428	0.422
34	9/20/2016 12:20	0.425	0.428	0.425
35	9/20/2016 12:21	0.426	0.434	0.424
36	9/20/2016 12:22	0.426	0.431	0.425
37	9/20/2016 12:23	0.428	0.431	0.427
38	9/20/2016 12:24	0.429	0.432	0.429
39	9/20/2016 12:25	0.426	0.429	0.426
40	9/20/2016 12:26	0.426	0.428	0.425
41	9/20/2016 12:27	0.428	0.437	0.434
42	9/20/2016 12:28	0.434	0.444	0.436
43	9/20/2016 12:29	0.432	0.436	0.432
44	9/20/2016 12:30	0.433	0.439	0.434
45	9/20/2016 12:31	0.431	0.441	0.428
46	9/20/2016 12:32	0.429	0.433	0.429
47	9/20/2016 12:33	0.429	0.431	0.426
48	9/20/2016 12:34	0.429	0.432	0.431
49	9/20/2016 12:35	0.427	0.431	0.429
50	9/20/2016 12:36	0.427	0.429	0.428
51	9/20/2016 12:37	0.427	0.43	0.427
52	9/20/2016 12:38	0.427	0.428	0.426
53	9/20/2016 12:39	0.426	0.429	0.427
54	9/20/2016 12:40	0.428	0.432	0.429
55	9/20/2016 12:41	0.429	0.433	0.431
56	9/20/2016 12:42	0.413	0.43	0.407
57	9/20/2016 12:43	0.404	0.408	0.403
58	9/20/2016 12:44	0.404	0.409	0.408
59	9/20/2016 12:45	0.405	0.41	0.41
60	9/20/2016 12:46	0.409	0.412	0.411
61	9/20/2016 12:47	0.411	0.414	0.41

62	9/20/2016 12:48	0.416	0.429	0.429
63	9/20/2016 12:49	0.416	0.429	0.418
64	9/20/2016 12:50	0.415	0.419	0.414
65	9/20/2016 12:51	0.417	0.423	0.417
66	9/20/2016 12:52	0.424	0.443	0.418
67	9/20/2016 12:53	0.422	0.435	0.417
68	9/20/2016 12:54	0.414	0.417	0.41
69	9/20/2016 12:55	0.41	0.412	0.412
70	9/20/2016 12:56	0.411	0.422	0.407
71	9/20/2016 12:57	0.408	0.411	0.407
72	9/20/2016 12:58	0.404	0.408	0.405
73	9/20/2016 12:59	0.403	0.406	0.404
74	9/20/2016 13:00	0.399	0.404	0.399
75	9/20/2016 13:01	0.397	0.401	0.397
76	9/20/2016 13:02	0.395	0.397	0.394
77	9/20/2016 13:03	0.393	0.397	0.392
78	9/20/2016 13:04	0.388	0.393	0.388
79	9/20/2016 13:05	0.385	0.389	0.385
80	9/20/2016 13:06	0.382	0.384	0.38
81	9/20/2016 13:07	0.377	0.38	0.375
82	9/20/2016 13:08	0.374	0.377	0.375
83	9/20/2016 13:09	0.373	0.376	0.374
84	9/20/2016 13:10	0.372	0.375	0.372
85	9/20/2016 13:11	0.372	0.375	0.373
86	9/20/2016 13:12	0.369	0.372	0.368
87	9/20/2016 13:13	0.366	0.37	0.363
88	9/20/2016 13:14	0.363	0.366	0.361
89	9/20/2016 13:15	0.364	0.367	0.366
90	9/20/2016 13:16	0.365	0.368	0.364
91	9/20/2016 13:17	0.364	0.366	0.364
92	9/20/2016 13:18	0.364	0.368	0.368
93	9/20/2016 13:19	0.364	0.368	0.362
94	9/20/2016 13:20	0.364	0.376	0.367
95	9/20/2016 13:21	0.362	0.368	0.364
96	9/20/2016 13:22	0.363	0.366	0.365
97	9/20/2016 13:23	0.361	0.366	0.361
98	9/20/2016 13:24	0.36	0.364	0.363
99	9/20/2016 13:25	0.362	0.365	0.363
100	9/20/2016 13:26	0.363	0.366	0.365
101	9/20/2016 13:27	0.364	0.366	0.364
102	9/20/2016 13:28	0.367	0.376	0.367
103	9/20/2016 13:29	0.366	0.369	0.367
104	9/20/2016 13:30	0.367	0.371	0.369
105	9/20/2016 13:31	0.372	0.379	0.373
106	9/20/2016 13:32	0.374	0.377	0.373
107	9/20/2016 13:33	0.375	0.382	0.376
108	9/20/2016 13:34	0.376	0.38	0.378
109	9/20/2016 13:35	0.375	0.38	0.376
110	9/20/2016 13:36	0.376	0.378	0.375
111	9/20/2016 13:37	0.381	0.385	0.381
112	9/20/2016 13:38	0.385	0.388	0.387
113	9/20/2016 13:39	0.39	0.394	0.39
114	9/20/2016 13:40	0.392	0.398	0.391
115	9/20/2016 13:41	0.393	0.396	0.391
116	9/20/2016 13:42	0.396	0.411	0.389
117	9/20/2016 13:43	0.395	0.399	0.398
118	9/20/2016 13:44	0.4	0.403	0.402
119	9/20/2016 13:45	0.403	0.405	0.405
120	9/20/2016 13:46	0.405	0.407	0.407
121	9/20/2016 13:47	0.406	0.408	0.405
122	9/20/2016 13:48	0.409	0.411	0.409
123	9/20/2016 13:49	0.404	0.409	0.409
124	9/20/2016 13:50	0.399	0.411	0.4
125	9/20/2016 13:51	0.404	0.407	0.406
126	9/20/2016 13:52	0.403	0.406	0.404
127	9/20/2016 13:53	0.402	0.41	0.393
128	9/20/2016 13:54	0.389	0.393	0.392
129	9/20/2016 13:55	0.39	0.393	0.39
130	9/20/2016 13:56	0.389	0.395	0.391
131	9/20/2016 13:57	0.391	0.395	0.394
132	9/20/2016 13:58	0.403	0.409	0.409
133	9/20/2016 13:59	0.412	0.417	0.417
134	9/20/2016 14:00	0.417	0.421	0.419
135	9/20/2016 14:01	0.419	0.425	0.422
136	9/20/2016 14:02	0.425	0.43	0.429
137	9/20/2016 14:03	0.425	0.429	0.424
138	9/20/2016 14:04	0.427	0.43	0.426
139	9/20/2016 14:05	0.425	0.431	0.429
140	9/20/2016 14:06	0.433	0.439	0.439
141	9/20/2016 14:07	0.439	0.441	0.44
142	9/20/2016 14:08	0.439	0.442	0.442
143	9/20/2016 14:09	0.442	0.445	0.444
144	9/20/2016 14:10	0.441	0.445	0.441
145	9/20/2016 14:11	0.439	0.444	0.44

	146	9/20/2016 14:12	0.438	0.441	0.433
	147	9/20/2016 14:13	0.439	0.444	0.439
	148	9/20/2016 14:14	0.438	0.446	0.446
	149	9/20/2016 14:15	0.435	0.453	0.434
	150	9/20/2016 14:16	0.434	0.437	0.436
	151	9/20/2016 14:17	0.433	0.437	0.436
	152	9/20/2016 14:18	0.432	0.443	0.423
	153	9/20/2016 14:19	0.418	0.43	0.416
	154	9/20/2016 14:20	0.421	0.425	0.42
	155	9/20/2016 14:21	0.42	0.424	0.422
	156	9/20/2016 14:22	0.422	0.424	0.423
	157	9/20/2016 14:23	0.427	0.449	0.445
	158	9/20/2016 14:24	0.412	0.442	0.416
	159	9/20/2016 14:25	0.419	0.423	0.422
	160	9/20/2016 14:26	0.422	0.425	0.422
	161	9/20/2016 14:27	0.423	0.426	0.424
	162	9/20/2016 14:28	0.424	0.427	0.422
	163	9/20/2016 14:29	0.424	0.429	0.423
	164	9/20/2016 14:30	0.423	0.427	0.424
	165	9/20/2016 14:31	0.42	0.424	0.422
	166	9/20/2016 14:32	0.418	0.428	0.42
	167	9/20/2016 14:33	0.419	0.426	0.416
	168	9/20/2016 14:34	0.418	0.424	0.419
	169	9/20/2016 14:35	0.413	0.418	0.411
	170	9/20/2016 14:36	0.412	0.414	0.409
	171	9/20/2016 14:37	0.409	0.414	0.414
	172	9/20/2016 14:38	0.407	0.416	0.402
	173	9/20/2016 14:39	0.402	0.405	0.404
	174	9/20/2016 14:40	0.405	0.41	0.407
	175	9/20/2016 14:41	0.409	0.411	0.408
	176	9/20/2016 14:42	0.409	0.415	0.411
	177	9/20/2016 14:43	0.398	0.411	0.384
	178	9/20/2016 14:44	0.387	0.39	0.388
	179	9/20/2016 14:45	0.386	0.388	0.387
	180	9/20/2016 14:46	0.389	0.394	0.387
	181	9/20/2016 14:47	0.388	0.391	0.39
	182	9/20/2016 14:48	0.406	0.47	0.391
	183	9/20/2016 14:49	0.378	0.392	0.377
	184	9/20/2016 14:50	0.374	0.377	0.372
	185	9/20/2016 14:51	0.373	0.377	0.375
	186	9/20/2016 14:52	0.381	0.386	0.386
	187	9/20/2016 14:53	0.386	0.39	0.381
	188	9/20/2016 14:54	0.386	0.399	0.398
	189	9/20/2016 14:55	0.39	0.399	0.392
	190	9/20/2016 14:56	0.393	0.397	0.396
	191	9/20/2016 14:57	0.398	0.413	0.394
	192	9/20/2016 14:58	0.39	0.395	0.39
	193	9/20/2016 14:59	0.395	0.404	0.403
Peak			0.442	0.576	0.446
Min			0.228	0.24	0.231
Average			0.399	0.406	0.399

TWA/STEL

Index	Date/Time		VOC(ppm)	VOC(ppm)
			(TWA)	(STEL)
1	9/20/2016	11:47	0	---
2	9/20/2016	11:48	0.001	---
3	9/20/2016	11:49	0.001	---
4	9/20/2016	11:50	0.002	---
5	9/20/2016	11:51	0.003	---
6	9/20/2016	11:52	0.003	---
7	9/20/2016	11:53	0.004	---
8	9/20/2016	11:54	0.004	---
9	9/20/2016	11:55	0.005	---
10	9/20/2016	11:56	0.006	---
11	9/20/2016	11:57	0.007	---
12	9/20/2016	11:58	0.008	---
13	9/20/2016	11:59	0.009	---
14	9/20/2016	12:00	0.009	---
15	9/20/2016	12:01	0.01	0.326
16	9/20/2016	12:02	0.011	0.338
17	9/20/2016	12:03	0.012	0.349
18	9/20/2016	12:04	0.013	0.36
19	9/20/2016	12:05	0.014	0.371
20	9/20/2016	12:06	0.014	0.382
21	9/20/2016	12:07	0.015	0.392
22	9/20/2016	12:08	0.016	0.402
23	9/20/2016	12:09	0.017	0.404
24	9/20/2016	12:10	0.018	0.406
25	9/20/2016	12:11	0.019	0.408
26	9/20/2016	12:12	0.02	0.411
27	9/20/2016	12:13	0.021	0.413
28	9/20/2016	12:14	0.022	0.415

29	9/20/2016 12:15	0.022	0.417
30	9/20/2016 12:16	0.023	0.419
31	9/20/2016 12:17	0.024	0.421
32	9/20/2016 12:18	0.025	0.422
33	9/20/2016 12:19	0.026	0.423
34	9/20/2016 12:20	0.027	0.424
35	9/20/2016 12:21	0.028	0.425
36	9/20/2016 12:22	0.029	0.425
37	9/20/2016 12:23	0.03	0.426
38	9/20/2016 12:24	0.03	0.426
39	9/20/2016 12:25	0.031	0.426
40	9/20/2016 12:26	0.032	0.426
41	9/20/2016 12:27	0.033	0.427
42	9/20/2016 12:28	0.034	0.427
43	9/20/2016 12:29	0.035	0.428
44	9/20/2016 12:30	0.036	0.428
45	9/20/2016 12:31	0.037	0.428
46	9/20/2016 12:32	0.038	0.428
47	9/20/2016 12:33	0.038	0.428
48	9/20/2016 12:34	0.039	0.429
49	9/20/2016 12:35	0.04	0.429
50	9/20/2016 12:36	0.041	0.429
51	9/20/2016 12:37	0.042	0.429
52	9/20/2016 12:38	0.043	0.429
53	9/20/2016 12:39	0.044	0.429
54	9/20/2016 12:40	0.045	0.429
55	9/20/2016 12:41	0.046	0.43
56	9/20/2016 12:42	0.046	0.428
57	9/20/2016 12:43	0.047	0.426
58	9/20/2016 12:44	0.048	0.424
59	9/20/2016 12:45	0.049	0.423
60	9/20/2016 12:46	0.05	0.421
61	9/20/2016 12:47	0.051	0.42
62	9/20/2016 12:48	0.052	0.42
63	9/20/2016 12:49	0.052	0.42
64	9/20/2016 12:50	0.053	0.419
65	9/20/2016 12:51	0.054	0.418
66	9/20/2016 12:52	0.055	0.417
67	9/20/2016 12:53	0.056	0.417
68	9/20/2016 12:54	0.057	0.415
69	9/20/2016 12:55	0.058	0.414
70	9/20/2016 12:56	0.058	0.413
71	9/20/2016 12:57	0.059	0.413
72	9/20/2016 12:58	0.06	0.413
73	9/20/2016 12:59	0.061	0.413
74	9/20/2016 13:00	0.062	0.412
75	9/20/2016 13:01	0.063	0.411
76	9/20/2016 13:02	0.064	0.41
77	9/20/2016 13:03	0.064	0.407
78	9/20/2016 13:04	0.065	0.405
79	9/20/2016 13:05	0.066	0.403
80	9/20/2016 13:06	0.067	0.401
81	9/20/2016 13:07	0.068	0.398
82	9/20/2016 13:08	0.068	0.395
83	9/20/2016 13:09	0.069	0.393
84	9/20/2016 13:10	0.07	0.39
85	9/20/2016 13:11	0.071	0.388
86	9/20/2016 13:12	0.071	0.385
87	9/20/2016 13:13	0.072	0.383
88	9/20/2016 13:14	0.073	0.38
89	9/20/2016 13:15	0.074	0.378
90	9/20/2016 13:16	0.074	0.375
91	9/20/2016 13:17	0.075	0.373
92	9/20/2016 13:18	0.076	0.372
93	9/20/2016 13:19	0.077	0.37
94	9/20/2016 13:20	0.077	0.369
95	9/20/2016 13:21	0.078	0.368
96	9/20/2016 13:22	0.079	0.367
97	9/20/2016 13:23	0.08	0.366
98	9/20/2016 13:24	0.08	0.365
99	9/20/2016 13:25	0.081	0.365
100	9/20/2016 13:26	0.082	0.364
101	9/20/2016 13:27	0.083	0.364
102	9/20/2016 13:28	0.084	0.364
103	9/20/2016 13:29	0.084	0.365
104	9/20/2016 13:30	0.085	0.365
105	9/20/2016 13:31	0.086	0.365
106	9/20/2016 13:32	0.087	0.366
107	9/20/2016 13:33	0.087	0.367
108	9/20/2016 13:34	0.088	0.368
109	9/20/2016 13:35	0.089	0.368
110	9/20/2016 13:36	0.09	0.369
111	9/20/2016 13:37	0.091	0.37
112	9/20/2016 13:38	0.091	0.372

113	9/20/2016 13:39	0.092	0.374
114	9/20/2016 13:40	0.093	0.375
115	9/20/2016 13:41	0.094	0.377
116	9/20/2016 13:42	0.095	0.379
117	9/20/2016 13:43	0.095	0.381
118	9/20/2016 13:44	0.096	0.383
119	9/20/2016 13:45	0.097	0.386
120	9/20/2016 13:46	0.098	0.388
121	9/20/2016 13:47	0.099	0.39
122	9/20/2016 13:48	0.1	0.392
123	9/20/2016 13:49	0.101	0.394
124	9/20/2016 13:50	0.101	0.396
125	9/20/2016 13:51	0.102	0.398
126	9/20/2016 13:52	0.103	0.4
127	9/20/2016 13:53	0.104	0.4
128	9/20/2016 13:54	0.105	0.4
129	9/20/2016 13:55	0.105	0.4
130	9/20/2016 13:56	0.106	0.4
131	9/20/2016 13:57	0.107	0.4
132	9/20/2016 13:58	0.108	0.401
133	9/20/2016 13:59	0.109	0.402
134	9/20/2016 14:00	0.11	0.403
135	9/20/2016 14:01	0.111	0.404
136	9/20/2016 14:02	0.111	0.406
137	9/20/2016 14:03	0.112	0.407
138	9/20/2016 14:04	0.113	0.408
139	9/20/2016 14:05	0.114	0.41
140	9/20/2016 14:06	0.115	0.412
141	9/20/2016 14:07	0.116	0.414
142	9/20/2016 14:08	0.117	0.418
143	9/20/2016 14:09	0.118	0.421
144	9/20/2016 14:10	0.119	0.424
145	9/20/2016 14:11	0.12	0.428
146	9/20/2016 14:12	0.121	0.43
147	9/20/2016 14:13	0.121	0.432
148	9/20/2016 14:14	0.122	0.434
149	9/20/2016 14:15	0.123	0.435
150	9/20/2016 14:16	0.124	0.436
151	9/20/2016 14:17	0.125	0.437
152	9/20/2016 14:18	0.126	0.437
153	9/20/2016 14:19	0.127	0.436
154	9/20/2016 14:20	0.128	0.435
155	9/20/2016 14:21	0.129	0.434
156	9/20/2016 14:22	0.13	0.433
157	9/20/2016 14:23	0.13	0.433
158	9/20/2016 14:24	0.131	0.431
159	9/20/2016 14:25	0.132	0.43
160	9/20/2016 14:26	0.133	0.429
161	9/20/2016 14:27	0.134	0.428
162	9/20/2016 14:28	0.135	0.427
163	9/20/2016 14:29	0.136	0.426
164	9/20/2016 14:30	0.137	0.425
165	9/20/2016 14:31	0.137	0.424
166	9/20/2016 14:32	0.138	0.423
167	9/20/2016 14:33	0.139	0.422
168	9/20/2016 14:34	0.14	0.423
169	9/20/2016 14:35	0.141	0.422
170	9/20/2016 14:36	0.142	0.421
171	9/20/2016 14:37	0.143	0.421
172	9/20/2016 14:38	0.143	0.418
173	9/20/2016 14:39	0.144	0.417
174	9/20/2016 14:40	0.145	0.416
175	9/20/2016 14:41	0.146	0.415
176	9/20/2016 14:42	0.147	0.414
177	9/20/2016 14:43	0.148	0.412
178	9/20/2016 14:44	0.148	0.409
179	9/20/2016 14:45	0.149	0.407
180	9/20/2016 14:46	0.15	0.404
181	9/20/2016 14:47	0.151	0.402
182	9/20/2016 14:48	0.152	0.401
183	9/20/2016 14:49	0.153	0.398
184	9/20/2016 14:50	0.153	0.395
185	9/20/2016 14:51	0.154	0.393
186	9/20/2016 14:52	0.155	0.391
187	9/20/2016 14:53	0.156	0.39
188	9/20/2016 14:54	0.157	0.389
189	9/20/2016 14:55	0.157	0.388
190	9/20/2016 14:56	0.158	0.388
191	9/20/2016 14:57	0.159	0.387
192	9/20/2016 14:58	0.16	0.387
193	9/20/2016 14:59	0.161	0.388

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16/09/21 07:22

Summary

Unit Name	MiniRAE 3000(PGM-7320)
Unit SN	592-912301
Unit Firmware Ver	V1.20
Running Mode	Hygiene Mode
Measure Type	Avg; Max; Real
Datalog Mode	Continuous
Datalog Type	Auto
Diagnostic Mode	No
Stop Reason	Power Down

Site ID	12345678
User ID	12345678

Begin	9/21/2016 7:22
End	9/21/2016 15:26
Sample Period(s)	60
Number of Records	484

Sensor	VOC(ppm)
Span	100
Span 2	N/A
Low Alarm	50
High Alarm	100
Over Alarm	15000
STEL Alarm	100
TWA Alarm	50
Measurement Gas	Isobutylene
Calibration Time	9/21/2016 7:20
Peak	0.31
Min	0
Average	0.114

Datalog

Index	Date/Time	VOC(ppm)	VOC(ppm)	VOC(ppm)
		(Avg)	(Max)	(Real)
1	9/21/2016 7:23	0	0	0
2	9/21/2016 7:24	0	0	0
3	9/21/2016 7:25	0	0	0
4	9/21/2016 7:26	0.001	0.016	0
5	9/21/2016 7:27	0	0	0
6	9/21/2016 7:28	0.033	0.443	0
7	9/21/2016 7:29	0.002	0.035	0
8	9/21/2016 7:30	0.016	0.099	0
9	9/21/2016 7:31	0	0.002	0
10	9/21/2016 7:32	0	0	0
11	9/21/2016 7:33	0	0	0
12	9/21/2016 7:34	0	0	0
13	9/21/2016 7:35	0	0	0
14	9/21/2016 7:36	0	0	0
15	9/21/2016 7:37	0	0	0
16	9/21/2016 7:38	0	0	0
17	9/21/2016 7:39	0	0	0
18	9/21/2016 7:40	0	0	0
19	9/21/2016 7:41	0	0	0
20	9/21/2016 7:42	0	0	0
21	9/21/2016 7:43	0	0	0
22	9/21/2016 7:44	0	0	0
23	9/21/2016 7:45	0	0	0
24	9/21/2016 7:46	0	0	0
25	9/21/2016 7:47	0	0	0
26	9/21/2016 7:48	0	0	0
27	9/21/2016 7:49	0	0	0
28	9/21/2016 7:50	0	0	0
29	9/21/2016 7:51	0	0	0
30	9/21/2016 7:52	0	0	0
31	9/21/2016 7:53	0	0	0
32	9/21/2016 7:54	0	0	0
33	9/21/2016 7:55	0	0	0
34	9/21/2016 7:56	0	0	0
35	9/21/2016 7:57	0	0	0

36	9/21/2016 7:58	0	0	0
37	9/21/2016 7:59	0	0	0
38	9/21/2016 8:00	0	0	0
39	9/21/2016 8:01	0	0	0
40	9/21/2016 8:02	0	0	0
41	9/21/2016 8:03	0	0	0
42	9/21/2016 8:04	0	0	0
43	9/21/2016 8:05	0	0	0
44	9/21/2016 8:06	0	0	0
45	9/21/2016 8:07	0	0	0
46	9/21/2016 8:08	0	0	0
47	9/21/2016 8:09	0	0	0
48	9/21/2016 8:10	0	0	0
49	9/21/2016 8:11	0.002	0.01	0.002
50	9/21/2016 8:12	0	0.001	0
51	9/21/2016 8:13	0	0	0
52	9/21/2016 8:14	0	0	0
53	9/21/2016 8:15	0	0	0
54	9/21/2016 8:16	0	0	0
55	9/21/2016 8:17	0	0	0
56	9/21/2016 8:18	0	0	0
57	9/21/2016 8:19	0	0	0
58	9/21/2016 8:20	0	0	0
59	9/21/2016 8:21	0	0	0
60	9/21/2016 8:22	0	0	0
61	9/21/2016 8:23	0	0	0
62	9/21/2016 8:24	0	0	0
63	9/21/2016 8:25	0	0	0
64	9/21/2016 8:26	0	0	0
65	9/21/2016 8:27	0	0	0
66	9/21/2016 8:28	0	0	0
67	9/21/2016 8:29	0	0	0
68	9/21/2016 8:30	0	0	0
69	9/21/2016 8:31	0	0	0
70	9/21/2016 8:32	0	0	0
71	9/21/2016 8:33	0	0	0
72	9/21/2016 8:34	0	0	0
73	9/21/2016 8:35	0	0	0
74	9/21/2016 8:36	0	0	0
75	9/21/2016 8:37	0	0	0
76	9/21/2016 8:38	0	0	0
77	9/21/2016 8:39	0	0	0
78	9/21/2016 8:40	0	0	0
79	9/21/2016 8:41	0	0	0
80	9/21/2016 8:42	0	0	0
81	9/21/2016 8:43	0	0	0
82	9/21/2016 8:44	0	0	0
83	9/21/2016 8:45	0	0	0
84	9/21/2016 8:46	0	0	0
85	9/21/2016 8:47	0	0	0
86	9/21/2016 8:48	0	0	0
87	9/21/2016 8:49	0	0	0
88	9/21/2016 8:50	0	0	0
89	9/21/2016 8:51	0	0	0
90	9/21/2016 8:52	0	0	0
91	9/21/2016 8:53	0	0	0
92	9/21/2016 8:54	0	0	0
93	9/21/2016 8:55	0	0	0
94	9/21/2016 8:56	0	0	0
95	9/21/2016 8:57	0	0	0
96	9/21/2016 8:58	0	0	0
97	9/21/2016 8:59	0	0	0
98	9/21/2016 9:00	0	0	0
99	9/21/2016 9:01	0	0.003	0
100	9/21/2016 9:02	0	0	0
101	9/21/2016 9:03	0	0	0
102	9/21/2016 9:04	0	0	0
103	9/21/2016 9:05	0	0	0
104	9/21/2016 9:06	0.005	0.026	0.003
105	9/21/2016 9:07	0	0.003	0
106	9/21/2016 9:08	0.003	0.018	0.01
107	9/21/2016 9:09	0.002	0.012	0.001
108	9/21/2016 9:10	0	0	0
109	9/21/2016 9:11	0	0	0
110	9/21/2016 9:12	0	0.001	0.001
111	9/21/2016 9:13	0	0.004	0.004
112	9/21/2016 9:14	0.002	0.005	0.004

113	9/21/2016 9:15	0.002	0.004	0.003
114	9/21/2016 9:16	0.003	0.006	0.005
115	9/21/2016 9:17	0.004	0.006	0.001
116	9/21/2016 9:18	0.005	0.008	0.007
117	9/21/2016 9:19	0.006	0.008	0.008
118	9/21/2016 9:20	0.007	0.009	0.008
119	9/21/2016 9:21	0.009	0.013	0.011
120	9/21/2016 9:22	0.011	0.013	0.011
121	9/21/2016 9:23	0.011	0.014	0.013
122	9/21/2016 9:24	0.012	0.016	0.011
123	9/21/2016 9:25	0.011	0.016	0.011
124	9/21/2016 9:26	0.01	0.014	0.013
125	9/21/2016 9:27	0.013	0.017	0.015
126	9/21/2016 9:28	0.014	0.019	0.018
127	9/21/2016 9:29	0.014	0.022	0.012
128	9/21/2016 9:30	0.014	0.017	0.014
129	9/21/2016 9:31	0.014	0.017	0.009
130	9/21/2016 9:32	0.014	0.018	0.015
131	9/21/2016 9:33	0.016	0.019	0.016
132	9/21/2016 9:34	0.015	0.017	0.017
133	9/21/2016 9:35	0.018	0.021	0.017
134	9/21/2016 9:36	0.021	0.024	0.024
135	9/21/2016 9:37	0.022	0.024	0.022
136	9/21/2016 9:38	0.023	0.025	0.023
137	9/21/2016 9:39	0.024	0.03	0.028
138	9/21/2016 9:40	0.027	0.03	0.028
139	9/21/2016 9:41	0.029	0.032	0.03
140	9/21/2016 9:42	0.03	0.032	0.03
141	9/21/2016 9:43	0.029	0.032	0.028
142	9/21/2016 9:44	0.031	0.034	0.033
143	9/21/2016 9:45	0.033	0.037	0.037
144	9/21/2016 9:46	0.033	0.037	0.032
145	9/21/2016 9:47	0.037	0.039	0.036
146	9/21/2016 9:48	0.037	0.04	0.038
147	9/21/2016 9:49	0.039	0.043	0.038
148	9/21/2016 9:50	0.044	0.052	0.05
149	9/21/2016 9:51	0.05	0.052	0.05
150	9/21/2016 9:52	0.052	0.055	0.054
151	9/21/2016 9:53	0.055	0.058	0.057
152	9/21/2016 9:54	0.055	0.059	0.055
153	9/21/2016 9:55	0.061	0.065	0.062
154	9/21/2016 9:56	0.063	0.066	0.065
155	9/21/2016 9:57	0.067	0.07	0.07
156	9/21/2016 9:58	0.069	0.073	0.073
157	9/21/2016 9:59	0.073	0.076	0.075
158	9/21/2016 10:00	0.075	0.077	0.077
159	9/21/2016 10:01	0.079	0.082	0.082
160	9/21/2016 10:02	0.082	0.086	0.082
161	9/21/2016 10:03	0.083	0.085	0.084
162	9/21/2016 10:04	0.083	0.085	0.082
163	9/21/2016 10:05	0.08	0.083	0.079
164	9/21/2016 10:06	0.083	0.087	0.087
165	9/21/2016 10:07	0.089	0.092	0.091
166	9/21/2016 10:08	0.092	0.095	0.095
167	9/21/2016 10:09	0.096	0.1	0.097
168	9/21/2016 10:10	0.1	0.102	0.097
169	9/21/2016 10:11	0.099	0.102	0.102
170	9/21/2016 10:12	0.107	0.109	0.108
171	9/21/2016 10:13	0.11	0.115	0.113
172	9/21/2016 10:14	0.114	0.117	0.117
173	9/21/2016 10:15	0.117	0.119	0.118
174	9/21/2016 10:16	0.118	0.121	0.12
175	9/21/2016 10:17	0.122	0.125	0.124
176	9/21/2016 10:18	0.125	0.127	0.126
177	9/21/2016 10:19	0.131	0.134	0.133
178	9/21/2016 10:20	0.132	0.134	0.133
179	9/21/2016 10:21	0.134	0.137	0.136
180	9/21/2016 10:22	0.137	0.141	0.141
181	9/21/2016 10:23	0.14	0.143	0.143
182	9/21/2016 10:24	0.144	0.146	0.145
183	9/21/2016 10:25	0.144	0.146	0.146
184	9/21/2016 10:26	0.146	0.148	0.147
185	9/21/2016 10:27	0.148	0.151	0.151
186	9/21/2016 10:28	0.157	0.202	0.16
187	9/21/2016 10:29	0.152	0.161	0.152
188	9/21/2016 10:30	0.153	0.156	0.155
189	9/21/2016 10:31	0.155	0.158	0.158

190	9/21/2016 10:32	0.157	0.159	0.157
191	9/21/2016 10:33	0.157	0.159	0.158
192	9/21/2016 10:34	0.157	0.159	0.158
193	9/21/2016 10:35	0.158	0.161	0.16
194	9/21/2016 10:36	0.159	0.163	0.162
195	9/21/2016 10:37	0.162	0.163	0.163
196	9/21/2016 10:38	0.163	0.166	0.165
197	9/21/2016 10:39	0.165	0.167	0.166
198	9/21/2016 10:40	0.165	0.168	0.167
199	9/21/2016 10:41	0.167	0.17	0.169
200	9/21/2016 10:42	0.166	0.169	0.163
201	9/21/2016 10:43	0.169	0.175	0.172
202	9/21/2016 10:44	0.173	0.177	0.177
203	9/21/2016 10:45	0.175	0.177	0.177
204	9/21/2016 10:46	0.178	0.181	0.18
205	9/21/2016 10:47	0.18	0.182	0.18
206	9/21/2016 10:48	0.183	0.186	0.185
207	9/21/2016 10:49	0.186	0.188	0.187
208	9/21/2016 10:50	0.186	0.188	0.184
209	9/21/2016 10:51	0.186	0.188	0.187
210	9/21/2016 10:52	0.185	0.187	0.184
211	9/21/2016 10:53	0.184	0.186	0.184
212	9/21/2016 10:54	0.183	0.185	0.182
213	9/21/2016 10:55	0.182	0.185	0.185
214	9/21/2016 10:56	0.185	0.187	0.186
215	9/21/2016 10:57	0.187	0.188	0.186
216	9/21/2016 10:58	0.185	0.189	0.189
217	9/21/2016 10:59	0.19	0.193	0.193
218	9/21/2016 11:00	0.192	0.195	0.192
219	9/21/2016 11:01	0.185	0.195	0.18
220	9/21/2016 11:02	0.177	0.18	0.178
221	9/21/2016 11:03	0.176	0.179	0.178
222	9/21/2016 11:04	0.177	0.18	0.178
223	9/21/2016 11:05	0.177	0.182	0.18
224	9/21/2016 11:06	0.18	0.183	0.182
225	9/21/2016 11:07	0.179	0.183	0.179
226	9/21/2016 11:08	0.178	0.181	0.179
227	9/21/2016 11:09	0.175	0.179	0.175
228	9/21/2016 11:10	0.174	0.178	0.177
229	9/21/2016 11:11	0.176	0.178	0.176
230	9/21/2016 11:12	0.176	0.178	0.176
231	9/21/2016 11:13	0.175	0.179	0.176
232	9/21/2016 11:14	0.176	0.178	0.176
233	9/21/2016 11:15	0.173	0.176	0.172
234	9/21/2016 11:16	0.174	0.177	0.174
235	9/21/2016 11:17	0.176	0.18	0.175
236	9/21/2016 11:18	0.175	0.177	0.177
237	9/21/2016 11:19	0.171	0.177	0.168
238	9/21/2016 11:20	0.167	0.169	0.167
239	9/21/2016 11:21	0.166	0.17	0.166
240	9/21/2016 11:22	0.164	0.167	0.163
241	9/21/2016 11:23	0.162	0.164	0.162
242	9/21/2016 11:24	0.163	0.166	0.162
243	9/21/2016 11:25	0.161	0.164	0.16
244	9/21/2016 11:26	0.16	0.161	0.161
245	9/21/2016 11:27	0.158	0.16	0.158
246	9/21/2016 11:28	0.158	0.161	0.161
247	9/21/2016 11:29	0.159	0.162	0.158
248	9/21/2016 11:30	0.156	0.159	0.159
249	9/21/2016 11:31	0.158	0.16	0.158
250	9/21/2016 11:32	0.159	0.161	0.16
251	9/21/2016 11:33	0.159	0.161	0.159
252	9/21/2016 11:34	0.159	0.162	0.161
253	9/21/2016 11:35	0.16	0.163	0.163
254	9/21/2016 11:36	0.161	0.163	0.163
255	9/21/2016 11:37	0.163	0.168	0.167
256	9/21/2016 11:38	0.168	0.17	0.169
257	9/21/2016 11:39	0.168	0.172	0.171
258	9/21/2016 11:40	0.173	0.176	0.174
259	9/21/2016 11:41	0.174	0.178	0.172
260	9/21/2016 11:42	0.171	0.174	0.174
261	9/21/2016 11:43	0.186	0.194	0.194
262	9/21/2016 11:44	0.184	0.193	0.177
263	9/21/2016 11:45	0.176	0.178	0.174
264	9/21/2016 11:46	0.179	0.182	0.181
265	9/21/2016 11:47	0.183	0.187	0.187
266	9/21/2016 11:48	0.189	0.194	0.191

267	9/21/2016 11:49	0.192	0.197	0.193
268	9/21/2016 11:50	0.198	0.2	0.199
269	9/21/2016 11:51	0.196	0.2	0.195
270	9/21/2016 11:52	0.195	0.201	0.201
271	9/21/2016 11:53	0.203	0.205	0.204
272	9/21/2016 11:54	0.202	0.205	0.199
273	9/21/2016 11:55	0.2	0.205	0.205
274	9/21/2016 11:56	0.204	0.207	0.2
275	9/21/2016 11:57	0.2	0.205	0.205
276	9/21/2016 11:58	0.212	0.326	0.31
277	9/21/2016 11:59	0.197	0.25	0.194
278	9/21/2016 12:00	0.196	0.201	0.201
279	9/21/2016 12:01	0.201	0.203	0.199
280	9/21/2016 12:02	0.196	0.2	0.194
281	9/21/2016 12:03	0.189	0.194	0.186
282	9/21/2016 12:04	0.187	0.19	0.189
283	9/21/2016 12:05	0.187	0.191	0.185
284	9/21/2016 12:06	0.183	0.186	0.18
285	9/21/2016 12:07	0.179	0.182	0.174
286	9/21/2016 12:08	0.174	0.178	0.174
287	9/21/2016 12:09	0.17	0.174	0.169
288	9/21/2016 12:10	0.165	0.169	0.159
289	9/21/2016 12:11	0.164	0.183	0.182
290	9/21/2016 12:12	0.196	0.22	0.162
291	9/21/2016 12:13	0.159	0.162	0.156
292	9/21/2016 12:14	0.153	0.157	0.15
293	9/21/2016 12:15	0.147	0.149	0.147
294	9/21/2016 12:16	0.145	0.147	0.146
295	9/21/2016 12:17	0.144	0.147	0.142
296	9/21/2016 12:18	0.142	0.146	0.146
297	9/21/2016 12:19	0.149	0.167	0.145
298	9/21/2016 12:20	0.147	0.157	0.153
299	9/21/2016 12:21	0.144	0.152	0.141
300	9/21/2016 12:22	0.138	0.142	0.142
301	9/21/2016 12:23	0.142	0.15	0.14
302	9/21/2016 12:24	0.138	0.147	0.145
303	9/21/2016 12:25	0.137	0.148	0.135
304	9/21/2016 12:26	0.141	0.158	0.145
305	9/21/2016 12:27	0.145	0.147	0.144
306	9/21/2016 12:28	0.141	0.149	0.139
307	9/21/2016 12:29	0.14	0.141	0.137
308	9/21/2016 12:30	0.132	0.137	0.135
309	9/21/2016 12:31	0.136	0.14	0.135
310	9/21/2016 12:32	0.141	0.145	0.145
311	9/21/2016 12:33	0.144	0.146	0.145
312	9/21/2016 12:34	0.145	0.151	0.15
313	9/21/2016 12:35	0.148	0.153	0.146
314	9/21/2016 12:36	0.149	0.152	0.15
315	9/21/2016 12:37	0.152	0.155	0.152
316	9/21/2016 12:38	0.155	0.157	0.157
317	9/21/2016 12:39	0.156	0.159	0.156
318	9/21/2016 12:40	0.155	0.157	0.156
319	9/21/2016 12:41	0.155	0.157	0.156
320	9/21/2016 12:42	0.156	0.164	0.164
321	9/21/2016 12:43	0.191	0.23	0.167
322	9/21/2016 12:44	0.162	0.166	0.161
323	9/21/2016 12:45	0.159	0.166	0.166
324	9/21/2016 12:46	0.165	0.169	0.164
325	9/21/2016 12:47	0.163	0.17	0.162
326	9/21/2016 12:48	0.163	0.172	0.168
327	9/21/2016 12:49	0.163	0.178	0.156
328	9/21/2016 12:50	0.16	0.18	0.162
329	9/21/2016 12:51	0.169	0.196	0.182
330	9/21/2016 12:52	0.184	0.206	0.177
331	9/21/2016 12:53	0.179	0.198	0.182
332	9/21/2016 12:54	0.171	0.182	0.166
333	9/21/2016 12:55	0.164	0.174	0.168
334	9/21/2016 12:56	0.152	0.168	0.15
335	9/21/2016 12:57	0.147	0.157	0.142
336	9/21/2016 12:58	0.141	0.187	0.133
337	9/21/2016 12:59	0.14	0.199	0.133
338	9/21/2016 13:00	0.133	0.168	0.132
339	9/21/2016 13:01	0.13	0.141	0.126
340	9/21/2016 13:02	0.126	0.138	0.132
341	9/21/2016 13:03	0.126	0.13	0.124
342	9/21/2016 13:04	0.124	0.127	0.127
343	9/21/2016 13:05	0.123	0.13	0.121

344	9/21/2016 13:06	0.126	0.189	0.114
345	9/21/2016 13:07	0.106	0.111	0.107
346	9/21/2016 13:08	0.108	0.119	0.107
347	9/21/2016 13:09	0.106	0.111	0.105
348	9/21/2016 13:10	0.106	0.113	0.113
349	9/21/2016 13:11	0.113	0.134	0.105
350	9/21/2016 13:12	0.108	0.111	0.11
351	9/21/2016 13:13	0.11	0.112	0.111
352	9/21/2016 13:14	0.112	0.114	0.114
353	9/21/2016 13:15	0.113	0.116	0.111
354	9/21/2016 13:16	0.111	0.115	0.109
355	9/21/2016 13:17	0.109	0.112	0.112
356	9/21/2016 13:18	0.108	0.111	0.11
357	9/21/2016 13:19	0.11	0.112	0.112
358	9/21/2016 13:20	0.108	0.112	0.11
359	9/21/2016 13:21	0.109	0.111	0.11
360	9/21/2016 13:22	0.113	0.116	0.115
361	9/21/2016 13:23	0.113	0.115	0.115
362	9/21/2016 13:24	0.113	0.116	0.112
363	9/21/2016 13:25	0.11	0.114	0.114
364	9/21/2016 13:26	0.114	0.117	0.114
365	9/21/2016 13:27	0.115	0.119	0.118
366	9/21/2016 13:28	0.12	0.122	0.12
367	9/21/2016 13:29	0.117	0.122	0.115
368	9/21/2016 13:30	0.118	0.124	0.117
369	9/21/2016 13:31	0.123	0.137	0.137
370	9/21/2016 13:32	0.135	0.146	0.13
371	9/21/2016 13:33	0.129	0.135	0.127
372	9/21/2016 13:34	0.131	0.138	0.127
373	9/21/2016 13:35	0.134	0.187	0.13
374	9/21/2016 13:36	0.134	0.148	0.136
375	9/21/2016 13:37	0.14	0.146	0.141
376	9/21/2016 13:38	0.134	0.153	0.13
377	9/21/2016 13:39	0.132	0.15	0.133
378	9/21/2016 13:40	0.13	0.133	0.13
379	9/21/2016 13:41	0.131	0.137	0.135
380	9/21/2016 13:42	0.134	0.137	0.135
381	9/21/2016 13:43	0.135	0.137	0.137
382	9/21/2016 13:44	0.136	0.14	0.14
383	9/21/2016 13:45	0.138	0.141	0.136
384	9/21/2016 13:46	0.136	0.138	0.136
385	9/21/2016 13:47	0.141	0.147	0.144
386	9/21/2016 13:48	0.143	0.146	0.145
387	9/21/2016 13:49	0.141	0.146	0.14
388	9/21/2016 13:50	0.142	0.145	0.144
389	9/21/2016 13:51	0.147	0.148	0.148
390	9/21/2016 13:52	0.148	0.15	0.148
391	9/21/2016 13:53	0.149	0.153	0.151
392	9/21/2016 13:54	0.153	0.156	0.152
393	9/21/2016 13:55	0.15	0.153	0.15
394	9/21/2016 13:56	0.153	0.16	0.16
395	9/21/2016 13:57	0.16	0.166	0.166
396	9/21/2016 13:58	0.167	0.174	0.174
397	9/21/2016 13:59	0.177	0.183	0.183
398	9/21/2016 14:00	0.182	0.185	0.182
399	9/21/2016 14:01	0.179	0.192	0.177
400	9/21/2016 14:02	0.182	0.189	0.189
401	9/21/2016 14:03	0.192	0.198	0.198
402	9/21/2016 14:04	0.198	0.2	0.199
403	9/21/2016 14:05	0.202	0.208	0.203
404	9/21/2016 14:06	0.199	0.203	0.199
405	9/21/2016 14:07	0.201	0.21	0.2
406	9/21/2016 14:08	0.198	0.201	0.195
407	9/21/2016 14:09	0.199	0.207	0.196
408	9/21/2016 14:10	0.192	0.196	0.189
409	9/21/2016 14:11	0.191	0.196	0.195
410	9/21/2016 14:12	0.195	0.197	0.194
411	9/21/2016 14:13	0.194	0.198	0.198
412	9/21/2016 14:14	0.2	0.202	0.202
413	9/21/2016 14:15	0.204	0.21	0.21
414	9/21/2016 14:16	0.212	0.218	0.206
415	9/21/2016 14:17	0.212	0.224	0.221
416	9/21/2016 14:18	0.213	0.228	0.228
417	9/21/2016 14:19	0.214	0.234	0.214
418	9/21/2016 14:20	0.214	0.217	0.217
419	9/21/2016 14:21	0.215	0.221	0.212
420	9/21/2016 14:22	0.213	0.217	0.21

421	9/21/2016 14:23	0.214	0.225	0.22
422	9/21/2016 14:24	0.212	0.231	0.218
423	9/21/2016 14:25	0.213	0.218	0.207
424	9/21/2016 14:26	0.208	0.21	0.208
425	9/21/2016 14:27	0.205	0.209	0.204
426	9/21/2016 14:28	0.202	0.213	0.202
427	9/21/2016 14:29	0.203	0.208	0.207
428	9/21/2016 14:30	0.204	0.208	0.206
429	9/21/2016 14:31	0.206	0.208	0.206
430	9/21/2016 14:32	0.205	0.235	0.222
431	9/21/2016 14:33	0.194	0.228	0.192
432	9/21/2016 14:34	0.193	0.199	0.19
433	9/21/2016 14:35	0.191	0.193	0.191
434	9/21/2016 14:36	0.191	0.195	0.194
435	9/21/2016 14:37	0.193	0.197	0.196
436	9/21/2016 14:38	0.199	0.209	0.198
437	9/21/2016 14:39	0.201	0.213	0.203
438	9/21/2016 14:40	0.203	0.206	0.203
439	9/21/2016 14:41	0.205	0.207	0.206
440	9/21/2016 14:42	0.204	0.206	0.204
441	9/21/2016 14:43	0.203	0.206	0.203
442	9/21/2016 14:44	0.205	0.209	0.209
443	9/21/2016 14:45	0.209	0.211	0.208
444	9/21/2016 14:46	0.211	0.214	0.212
445	9/21/2016 14:47	0.213	0.216	0.214
446	9/21/2016 14:48	0.213	0.215	0.215
447	9/21/2016 14:49	0.213	0.215	0.211
448	9/21/2016 14:50	0.209	0.215	0.201
449	9/21/2016 14:51	0.2	0.205	0.196
450	9/21/2016 14:52	0.197	0.201	0.193
451	9/21/2016 14:53	0.198	0.215	0.193
452	9/21/2016 14:54	0.198	0.223	0.194
453	9/21/2016 14:55	0.192	0.207	0.198
454	9/21/2016 14:56	0.198	0.209	0.204
455	9/21/2016 14:57	0.199	0.222	0.193
456	9/21/2016 14:58	0.197	0.223	0.19
457	9/21/2016 14:59	0.192	0.205	0.191
458	9/21/2016 15:00	0.192	0.202	0.189
459	9/21/2016 15:01	0.185	0.195	0.186
460	9/21/2016 15:02	0.187	0.205	0.185
461	9/21/2016 15:03	0.183	0.187	0.186
462	9/21/2016 15:04	0.184	0.196	0.183
463	9/21/2016 15:05	0.183	0.217	0.171
464	9/21/2016 15:06	0.175	0.178	0.177
465	9/21/2016 15:07	0.176	0.179	0.176
466	9/21/2016 15:08	0.177	0.181	0.181
467	9/21/2016 15:09	0.181	0.183	0.182
468	9/21/2016 15:10	0.186	0.214	0.187
469	9/21/2016 15:11	0.199	0.219	0.192
470	9/21/2016 15:12	0.198	0.219	0.19
471	9/21/2016 15:13	0.188	0.194	0.185
472	9/21/2016 15:14	0.188	0.197	0.195
473	9/21/2016 15:15	0.194	0.201	0.187
474	9/21/2016 15:16	0.186	0.19	0.185
475	9/21/2016 15:17	0.185	0.188	0.183
476	9/21/2016 15:18	0.185	0.187	0.186
477	9/21/2016 15:19	0.187	0.189	0.189
478	9/21/2016 15:20	0.187	0.189	0.184
479	9/21/2016 15:21	0.186	0.188	0.187
480	9/21/2016 15:22	0.186	0.188	0.185
481	9/21/2016 15:23	0.179	0.185	0.179
482	9/21/2016 15:24	0.176	0.18	0.18
483	9/21/2016 15:25	0.182	0.187	0.186
484	9/21/2016 15:26	0.184	0.187	0.183
Peak		0.215	0.443	0.31
Min		0	0	0
Average		0.113	0.12	0.114

TWA/STEL

Index

Date/Time	VOC(ppm) (TWA)	VOC(ppm) (STEL)
1 9/21/2016 7:23	0	---
2 9/21/2016 7:24	0	---
3 9/21/2016 7:25	0	---
4 9/21/2016 7:26	0	---
5 9/21/2016 7:27	0	---
6 9/21/2016 7:28	0	---
7 9/21/2016 7:29	0	---
8 9/21/2016 7:30	0	---
9 9/21/2016 7:31	0	---
10 9/21/2016 7:32	0	---
11 9/21/2016 7:33	0	---
12 9/21/2016 7:34	0	---
13 9/21/2016 7:35	0	---
14 9/21/2016 7:36	0	---
15 9/21/2016 7:37	0	0
16 9/21/2016 7:38	0	0
17 9/21/2016 7:39	0	0
18 9/21/2016 7:40	0	0
19 9/21/2016 7:41	0	0
20 9/21/2016 7:42	0	0
21 9/21/2016 7:43	0	0
22 9/21/2016 7:44	0	0
23 9/21/2016 7:45	0	0
24 9/21/2016 7:46	0	0
25 9/21/2016 7:47	0	0
26 9/21/2016 7:48	0	0
27 9/21/2016 7:49	0	0
28 9/21/2016 7:50	0	0
29 9/21/2016 7:51	0	0
30 9/21/2016 7:52	0	0
31 9/21/2016 7:53	0	0
32 9/21/2016 7:54	0	0
33 9/21/2016 7:55	0	0
34 9/21/2016 7:56	0	0
35 9/21/2016 7:57	0	0
36 9/21/2016 7:58	0	0
37 9/21/2016 7:59	0	0
38 9/21/2016 8:00	0	0
39 9/21/2016 8:01	0	0
40 9/21/2016 8:02	0	0
41 9/21/2016 8:03	0	0
42 9/21/2016 8:04	0	0
43 9/21/2016 8:05	0	0
44 9/21/2016 8:06	0	0
45 9/21/2016 8:07	0	0
46 9/21/2016 8:08	0	0
47 9/21/2016 8:09	0	0
48 9/21/2016 8:10	0	0
49 9/21/2016 8:11	0	0
50 9/21/2016 8:12	0	0
51 9/21/2016 8:13	0	0
52 9/21/2016 8:14	0	0
53 9/21/2016 8:15	0	0
54 9/21/2016 8:16	0	0
55 9/21/2016 8:17	0	0
56 9/21/2016 8:18	0	0
57 9/21/2016 8:19	0	0
58 9/21/2016 8:20	0	0
59 9/21/2016 8:21	0	0
60 9/21/2016 8:22	0	0
61 9/21/2016 8:23	0	0
62 9/21/2016 8:24	0	0
63 9/21/2016 8:25	0	0
64 9/21/2016 8:26	0	0
65 9/21/2016 8:27	0	0
66 9/21/2016 8:28	0	0
67 9/21/2016 8:29	0	0
68 9/21/2016 8:30	0	0
69 9/21/2016 8:31	0	0
70 9/21/2016 8:32	0	0
71 9/21/2016 8:33	0	0
72 9/21/2016 8:34	0	0
73 9/21/2016 8:35	0	0
74 9/21/2016 8:36	0	0

75	9/21/2016 8:37	0	0
76	9/21/2016 8:38	0	0
77	9/21/2016 8:39	0	0
78	9/21/2016 8:40	0	0
79	9/21/2016 8:41	0	0
80	9/21/2016 8:42	0	0
81	9/21/2016 8:43	0	0
82	9/21/2016 8:44	0	0
83	9/21/2016 8:45	0	0
84	9/21/2016 8:46	0	0
85	9/21/2016 8:47	0	0
86	9/21/2016 8:48	0	0
87	9/21/2016 8:49	0	0
88	9/21/2016 8:50	0	0
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93	9/21/2016 8:55	0	0
94	9/21/2016 8:56	0	0
95	9/21/2016 8:57	0	0
96	9/21/2016 8:58	0	0
97	9/21/2016 8:59	0	0
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101	9/21/2016 9:03	0	0
102	9/21/2016 9:04	0	0
103	9/21/2016 9:05	0	0
104	9/21/2016 9:06	0	0
105	9/21/2016 9:07	0	0
106	9/21/2016 9:08	0	0.001
107	9/21/2016 9:09	0	0.001
108	9/21/2016 9:10	0	0.001
109	9/21/2016 9:11	0	0.001
110	9/21/2016 9:12	0	0.001
111	9/21/2016 9:13	0	0.001
112	9/21/2016 9:14	0	0.002
113	9/21/2016 9:15	0	0.002
114	9/21/2016 9:16	0	0.002
115	9/21/2016 9:17	0	0.002
116	9/21/2016 9:18	0	0.003
117	9/21/2016 9:19	0	0.003
118	9/21/2016 9:20	0	0.004
119	9/21/2016 9:21	0	0.004
120	9/21/2016 9:22	0	0.005
121	9/21/2016 9:23	0	0.005
122	9/21/2016 9:24	0	0.006
123	9/21/2016 9:25	0	0.007
124	9/21/2016 9:26	0	0.007
125	9/21/2016 9:27	0	0.008
126	9/21/2016 9:28	0	0.009
127	9/21/2016 9:29	0	0.01
128	9/21/2016 9:30	0	0.011
129	9/21/2016 9:31	0	0.011
130	9/21/2016 9:32	0	0.012
131	9/21/2016 9:33	0	0.012
132	9/21/2016 9:34	0.001	0.013
133	9/21/2016 9:35	0.001	0.014
134	9/21/2016 9:36	0.001	0.014
135	9/21/2016 9:37	0.001	0.015
136	9/21/2016 9:38	0.001	0.016
137	9/21/2016 9:39	0.001	0.017
138	9/21/2016 9:40	0.001	0.018
139	9/21/2016 9:41	0.001	0.019
140	9/21/2016 9:42	0.001	0.02
141	9/21/2016 9:43	0.001	0.021
142	9/21/2016 9:44	0.001	0.022
143	9/21/2016 9:45	0.001	0.024
144	9/21/2016 9:46	0.001	0.025
145	9/21/2016 9:47	0.001	0.027
146	9/21/2016 9:48	0.001	0.028
147	9/21/2016 9:49	0.001	0.03
148	9/21/2016 9:50	0.002	0.032
149	9/21/2016 9:51	0.002	0.034
150	9/21/2016 9:52	0.002	0.036
151	9/21/2016 9:53	0.002	0.038

152	9/21/2016 9:54	0.002	0.04
153	9/21/2016 9:55	0.002	0.042
154	9/21/2016 9:56	0.002	0.044
155	9/21/2016 9:57	0.002	0.047
156	9/21/2016 9:58	0.003	0.05
157	9/21/2016 9:59	0.003	0.053
158	9/21/2016 10:00	0.003	0.055
159	9/21/2016 10:01	0.003	0.059
160	9/21/2016 10:02	0.003	0.062
161	9/21/2016 10:03	0.003	0.065
162	9/21/2016 10:04	0.004	0.068
163	9/21/2016 10:05	0.004	0.07
164	9/21/2016 10:06	0.004	0.072
165	9/21/2016 10:07	0.004	0.075
166	9/21/2016 10:08	0.004	0.077
167	9/21/2016 10:09	0.004	0.08
168	9/21/2016 10:10	0.005	0.082
169	9/21/2016 10:11	0.005	0.085
170	9/21/2016 10:12	0.005	0.087
171	9/21/2016 10:13	0.005	0.09
172	9/21/2016 10:14	0.006	0.093
173	9/21/2016 10:15	0.006	0.096
174	9/21/2016 10:16	0.006	0.098
175	9/21/2016 10:17	0.006	0.101
176	9/21/2016 10:18	0.007	0.104
177	9/21/2016 10:19	0.007	0.107
178	9/21/2016 10:20	0.007	0.111
179	9/21/2016 10:21	0.007	0.114
180	9/21/2016 10:22	0.008	0.117
181	9/21/2016 10:23	0.008	0.121
182	9/21/2016 10:24	0.008	0.124
183	9/21/2016 10:25	0.009	0.127
184	9/21/2016 10:26	0.009	0.13
185	9/21/2016 10:27	0.009	0.133
186	9/21/2016 10:28	0.01	0.136
187	9/21/2016 10:29	0.01	0.138
188	9/21/2016 10:30	0.01	0.141
189	9/21/2016 10:31	0.011	0.143
190	9/21/2016 10:32	0.011	0.146
191	9/21/2016 10:33	0.011	0.148
192	9/21/2016 10:34	0.012	0.149
193	9/21/2016 10:35	0.012	0.151
194	9/21/2016 10:36	0.012	0.153
195	9/21/2016 10:37	0.013	0.154
196	9/21/2016 10:38	0.013	0.156
197	9/21/2016 10:39	0.013	0.157
198	9/21/2016 10:40	0.014	0.159
199	9/21/2016 10:41	0.014	0.16
200	9/21/2016 10:42	0.014	0.161
201	9/21/2016 10:43	0.015	0.162
202	9/21/2016 10:44	0.015	0.163
203	9/21/2016 10:45	0.015	0.165
204	9/21/2016 10:46	0.016	0.166
205	9/21/2016 10:47	0.016	0.168
206	9/21/2016 10:48	0.017	0.17
207	9/21/2016 10:49	0.017	0.172
208	9/21/2016 10:50	0.017	0.173
209	9/21/2016 10:51	0.018	0.175
210	9/21/2016 10:52	0.018	0.176
211	9/21/2016 10:53	0.018	0.177
212	9/21/2016 10:54	0.019	0.179
213	9/21/2016 10:55	0.019	0.18
214	9/21/2016 10:56	0.02	0.181
215	9/21/2016 10:57	0.02	0.182
216	9/21/2016 10:58	0.02	0.184
217	9/21/2016 10:59	0.021	0.185
218	9/21/2016 11:00	0.021	0.186
219	9/21/2016 11:01	0.022	0.186
220	9/21/2016 11:02	0.022	0.185
221	9/21/2016 11:03	0.022	0.185
222	9/21/2016 11:04	0.023	0.184
223	9/21/2016 11:05	0.023	0.184
224	9/21/2016 11:06	0.023	0.184
225	9/21/2016 11:07	0.024	0.183
226	9/21/2016 11:08	0.024	0.183
227	9/21/2016 11:09	0.025	0.183
228	9/21/2016 11:10	0.025	0.182

229	9/21/2016 11:11	0.025	0.181
230	9/21/2016 11:12	0.026	0.181
231	9/21/2016 11:13	0.026	0.18
232	9/21/2016 11:14	0.026	0.179
233	9/21/2016 11:15	0.027	0.177
234	9/21/2016 11:16	0.027	0.177
235	9/21/2016 11:17	0.027	0.177
236	9/21/2016 11:18	0.028	0.177
237	9/21/2016 11:19	0.028	0.176
238	9/21/2016 11:20	0.029	0.175
239	9/21/2016 11:21	0.029	0.174
240	9/21/2016 11:22	0.029	0.173
241	9/21/2016 11:23	0.03	0.172
242	9/21/2016 11:24	0.03	0.171
243	9/21/2016 11:25	0.03	0.17
244	9/21/2016 11:26	0.031	0.169
245	9/21/2016 11:27	0.031	0.168
246	9/21/2016 11:28	0.031	0.167
247	9/21/2016 11:29	0.032	0.166
248	9/21/2016 11:30	0.032	0.165
249	9/21/2016 11:31	0.032	0.164
250	9/21/2016 11:32	0.033	0.163
251	9/21/2016 11:33	0.033	0.161
252	9/21/2016 11:34	0.033	0.161
253	9/21/2016 11:35	0.034	0.161
254	9/21/2016 11:36	0.034	0.161
255	9/21/2016 11:37	0.034	0.161
256	9/21/2016 11:38	0.035	0.161
257	9/21/2016 11:39	0.035	0.162
258	9/21/2016 11:40	0.035	0.163
259	9/21/2016 11:41	0.036	0.164
260	9/21/2016 11:42	0.036	0.165
261	9/21/2016 11:43	0.036	0.167
262	9/21/2016 11:44	0.037	0.168
263	9/21/2016 11:45	0.037	0.169
264	9/21/2016 11:46	0.038	0.171
265	9/21/2016 11:47	0.038	0.172
266	9/21/2016 11:48	0.038	0.175
267	9/21/2016 11:49	0.039	0.177
268	9/21/2016 11:50	0.039	0.179
269	9/21/2016 11:51	0.04	0.181
270	9/21/2016 11:52	0.04	0.183
271	9/21/2016 11:53	0.04	0.186
272	9/21/2016 11:54	0.041	0.188
273	9/21/2016 11:55	0.041	0.19
274	9/21/2016 11:56	0.042	0.192
275	9/21/2016 11:57	0.042	0.194
276	9/21/2016 11:58	0.043	0.201
277	9/21/2016 11:59	0.043	0.203
278	9/21/2016 12:00	0.044	0.204
279	9/21/2016 12:01	0.044	0.206
280	9/21/2016 12:02	0.044	0.206
281	9/21/2016 12:03	0.045	0.206
282	9/21/2016 12:04	0.045	0.205
283	9/21/2016 12:05	0.046	0.204
284	9/21/2016 12:06	0.046	0.203
285	9/21/2016 12:07	0.046	0.202
286	9/21/2016 12:08	0.047	0.2
287	9/21/2016 12:09	0.047	0.198
288	9/21/2016 12:10	0.047	0.195
289	9/21/2016 12:11	0.048	0.193
290	9/21/2016 12:12	0.048	0.191
291	9/21/2016 12:13	0.048	0.18
292	9/21/2016 12:14	0.049	0.177
293	9/21/2016 12:15	0.049	0.174
294	9/21/2016 12:16	0.049	0.17
295	9/21/2016 12:17	0.05	0.167
296	9/21/2016 12:18	0.05	0.164
297	9/21/2016 12:19	0.05	0.161
298	9/21/2016 12:20	0.051	0.159
299	9/21/2016 12:21	0.051	0.156
300	9/21/2016 12:22	0.051	0.154
301	9/21/2016 12:23	0.051	0.152
302	9/21/2016 12:24	0.052	0.15
303	9/21/2016 12:25	0.052	0.149
304	9/21/2016 12:26	0.052	0.146
305	9/21/2016 12:27	0.053	0.145

306	9/21/2016 12:28	0.053	0.144
307	9/21/2016 12:29	0.053	0.143
308	9/21/2016 12:30	0.053	0.142
309	9/21/2016 12:31	0.054	0.142
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312	9/21/2016 12:34	0.055	0.142
313	9/21/2016 12:35	0.055	0.142
314	9/21/2016 12:36	0.055	0.142
315	9/21/2016 12:37	0.056	0.143
316	9/21/2016 12:38	0.056	0.144
317	9/21/2016 12:39	0.056	0.145
318	9/21/2016 12:40	0.057	0.146
319	9/21/2016 12:41	0.057	0.147
320	9/21/2016 12:42	0.057	0.148
321	9/21/2016 12:43	0.058	0.15
322	9/21/2016 12:44	0.058	0.152
323	9/21/2016 12:45	0.058	0.154
324	9/21/2016 12:46	0.059	0.156
325	9/21/2016 12:47	0.059	0.157
326	9/21/2016 12:48	0.059	0.158
327	9/21/2016 12:49	0.06	0.159
328	9/21/2016 12:50	0.06	0.16
329	9/21/2016 12:51	0.06	0.162
330	9/21/2016 12:52	0.061	0.164
331	9/21/2016 12:53	0.061	0.165
332	9/21/2016 12:54	0.061	0.166
333	9/21/2016 12:55	0.062	0.167
334	9/21/2016 12:56	0.062	0.166
335	9/21/2016 12:57	0.062	0.165
336	9/21/2016 12:58	0.063	0.163
337	9/21/2016 12:59	0.063	0.161
338	9/21/2016 13:00	0.063	0.158
339	9/21/2016 13:01	0.063	0.156
340	9/21/2016 13:02	0.064	0.154
341	9/21/2016 13:03	0.064	0.151
342	9/21/2016 13:04	0.064	0.149
343	9/21/2016 13:05	0.065	0.146
344	9/21/2016 13:06	0.065	0.142
345	9/21/2016 13:07	0.065	0.137
346	9/21/2016 13:08	0.065	0.132
347	9/21/2016 13:09	0.065	0.128
348	9/21/2016 13:10	0.066	0.124
349	9/21/2016 13:11	0.066	0.121
350	9/21/2016 13:12	0.066	0.119
351	9/21/2016 13:13	0.066	0.118
352	9/21/2016 13:14	0.067	0.117
353	9/21/2016 13:15	0.067	0.115
354	9/21/2016 13:16	0.067	0.114
355	9/21/2016 13:17	0.067	0.113
356	9/21/2016 13:18	0.067	0.112
357	9/21/2016 13:19	0.068	0.111
358	9/21/2016 13:20	0.068	0.11
359	9/21/2016 13:21	0.068	0.11
360	9/21/2016 13:22	0.068	0.11
361	9/21/2016 13:23	0.069	0.111
362	9/21/2016 13:24	0.069	0.111
363	9/21/2016 13:25	0.069	0.111
364	9/21/2016 13:26	0.069	0.112
365	9/21/2016 13:27	0.07	0.112
366	9/21/2016 13:28	0.07	0.113
367	9/21/2016 13:29	0.07	0.113
368	9/21/2016 13:30	0.07	0.114
369	9/21/2016 13:31	0.071	0.115
370	9/21/2016 13:32	0.071	0.117
371	9/21/2016 13:33	0.071	0.118
372	9/21/2016 13:34	0.071	0.119
373	9/21/2016 13:35	0.072	0.12
374	9/21/2016 13:36	0.072	0.122
375	9/21/2016 13:37	0.072	0.124
376	9/21/2016 13:38	0.073	0.125
377	9/21/2016 13:39	0.073	0.126
378	9/21/2016 13:40	0.073	0.127
379	9/21/2016 13:41	0.073	0.128
380	9/21/2016 13:42	0.074	0.13
381	9/21/2016 13:43	0.074	0.131
382	9/21/2016 13:44	0.074	0.132

383	9/21/2016 13:45	0.075	0.134
384	9/21/2016 13:46	0.075	0.134
385	9/21/2016 13:47	0.075	0.134
386	9/21/2016 13:48	0.075	0.136
387	9/21/2016 13:49	0.076	0.137
388	9/21/2016 13:50	0.076	0.137
389	9/21/2016 13:51	0.076	0.138
390	9/21/2016 13:52	0.077	0.139
391	9/21/2016 13:53	0.077	0.14
392	9/21/2016 13:54	0.077	0.141
393	9/21/2016 13:55	0.078	0.143
394	9/21/2016 13:56	0.078	0.144
395	9/21/2016 13:57	0.078	0.146
396	9/21/2016 13:58	0.079	0.149
397	9/21/2016 13:59	0.079	0.152
398	9/21/2016 14:00	0.079	0.155
399	9/21/2016 14:01	0.08	0.158
400	9/21/2016 14:02	0.08	0.161
401	9/21/2016 14:03	0.081	0.164
402	9/21/2016 14:04	0.081	0.168
403	9/21/2016 14:05	0.081	0.172
404	9/21/2016 14:06	0.082	0.175
405	9/21/2016 14:07	0.082	0.179
406	9/21/2016 14:08	0.083	0.182
407	9/21/2016 14:09	0.083	0.185
408	9/21/2016 14:10	0.083	0.187
409	9/21/2016 14:11	0.084	0.19
410	9/21/2016 14:12	0.084	0.192
411	9/21/2016 14:13	0.085	0.193
412	9/21/2016 14:14	0.085	0.194
413	9/21/2016 14:15	0.085	0.196
414	9/21/2016 14:16	0.086	0.198
415	9/21/2016 14:17	0.086	0.2
416	9/21/2016 14:18	0.087	0.202
417	9/21/2016 14:19	0.087	0.203
418	9/21/2016 14:20	0.088	0.204
419	9/21/2016 14:21	0.088	0.205
420	9/21/2016 14:22	0.089	0.206
421	9/21/2016 14:23	0.089	0.207
422	9/21/2016 14:24	0.09	0.209
423	9/21/2016 14:25	0.09	0.21
424	9/21/2016 14:26	0.09	0.211
425	9/21/2016 14:27	0.091	0.212
426	9/21/2016 14:28	0.091	0.212
427	9/21/2016 14:29	0.092	0.212
428	9/21/2016 14:30	0.092	0.212
429	9/21/2016 14:31	0.093	0.212
430	9/21/2016 14:32	0.093	0.212
431	9/21/2016 14:33	0.093	0.21
432	9/21/2016 14:34	0.094	0.208
433	9/21/2016 14:35	0.094	0.206
434	9/21/2016 14:36	0.095	0.205
435	9/21/2016 14:37	0.095	0.204
436	9/21/2016 14:38	0.095	0.203
437	9/21/2016 14:39	0.096	0.202
438	9/21/2016 14:40	0.096	0.201
439	9/21/2016 14:41	0.097	0.201
440	9/21/2016 14:42	0.097	0.201
441	9/21/2016 14:43	0.098	0.201
442	9/21/2016 14:44	0.098	0.202
443	9/21/2016 14:45	0.098	0.202
444	9/21/2016 14:46	0.099	0.202
445	9/21/2016 14:47	0.099	0.202
446	9/21/2016 14:48	0.1	0.203
447	9/21/2016 14:49	0.1	0.204
448	9/21/2016 14:50	0.101	0.205
449	9/21/2016 14:51	0.101	0.205
450	9/21/2016 14:52	0.101	0.205
451	9/21/2016 14:53	0.102	0.205
452	9/21/2016 14:54	0.102	0.204
453	9/21/2016 14:55	0.103	0.204
454	9/21/2016 14:56	0.103	0.204
455	9/21/2016 14:57	0.103	0.203
456	9/21/2016 14:58	0.104	0.202
457	9/21/2016 14:59	0.104	0.201
458	9/21/2016 15:00	0.105	0.2
459	9/21/2016 15:01	0.105	0.198

460	9/21/2016 15:02	0.105	0.196
461	9/21/2016 15:03	0.106	0.194
462	9/21/2016 15:04	0.106	0.192
463	9/21/2016 15:05	0.107	0.19
464	9/21/2016 15:06	0.107	0.189
465	9/21/2016 15:07	0.107	0.188
466	9/21/2016 15:08	0.108	0.187
467	9/21/2016 15:09	0.108	0.186
468	9/21/2016 15:10	0.108	0.185
469	9/21/2016 15:11	0.109	0.185
470	9/21/2016 15:12	0.109	0.184
471	9/21/2016 15:13	0.11	0.184
472	9/21/2016 15:14	0.11	0.184
473	9/21/2016 15:15	0.11	0.184
474	9/21/2016 15:16	0.111	0.184
475	9/21/2016 15:17	0.111	0.184
476	9/21/2016 15:18	0.112	0.184
477	9/21/2016 15:19	0.112	0.184
478	9/21/2016 15:20	0.112	0.185
479	9/21/2016 15:21	0.113	0.186
480	9/21/2016 15:22	0.113	0.187
481	9/21/2016 15:23	0.113	0.186
482	9/21/2016 15:24	0.114	0.186
483	9/21/2016 15:25	0.114	0.186
484	9/21/2016 15:26	0.115	0.186

Model: DustTrak DRX
Model Number: 8533
Serial Number: 8533161707
Test ID: 1
Test Abbreviation: MANUAL_001
Start Date: 9/19/2016
Start Time: 8:26:16
Duration (dd:hh:mm:ss): 0:06:56:00
Log Interval (mm:ss): 1:00
Number of points: 416
Notes:

Statistics	Channel:	PM1	PM2.5	RESP	PM10	TOTAL
	Units:	mg/m^3	mg/m^3	mg/m^3	mg/m^3	mg/m^3
	Average:	0.009	0.009	0.01	0.012	0.013
	Minimum:	0.002	0.002	0.002	0.002	0.002
	Time of Minimum:	14:53:16	14:53:16	14:57:16	15:09:16	15:09:16
	Date of Minimum:	9/19/2016	9/19/2016	9/19/2016	9/19/2016	9/19/2016
	Maximum:	0.174	0.202	0.248	0.363	0.378
	Time of Maximum:	8:27:16	8:27:16	8:27:16	8:27:16	8:27:16
	Date of Maximum:	9/19/2016	9/19/2016	9/19/2016	9/19/2016	9/19/2016

Calibration Sensor: AEROSOL
Cal. date 7/14/2016

Date	Time	PM1	PM2.5	RESP	PM10	TOTAL
MM/dd/yyyy	hh:mm:ss	mg/m^3	mg/m^3	mg/m^3	mg/m^3	mg/m^3
9/19/2016	8:27:16	0.174	0.202	0.248	0.363	0.378
9/19/2016	8:28:16	0.022	0.024	0.026	0.032	0.032
9/19/2016	8:29:16	0.022	0.024	0.026	0.031	0.031
9/19/2016	8:30:16	0.022	0.024	0.026	0.031	0.031
9/19/2016	8:31:16	0.022	0.024	0.026	0.032	0.032
9/19/2016	8:32:16	0.022	0.024	0.026	0.03	0.031
9/19/2016	8:33:16	0.02	0.022	0.024	0.027	0.028
9/19/2016	8:34:16	0.019	0.021	0.022	0.027	0.028
9/19/2016	8:35:16	0.018	0.019	0.021	0.024	0.024
9/19/2016	8:36:16	0.017	0.018	0.019	0.022	0.023
9/19/2016	8:37:16	0.017	0.018	0.02	0.022	0.023
9/19/2016	8:38:16	0.017	0.018	0.02	0.024	0.024
9/19/2016	8:39:16	0.016	0.017	0.019	0.022	0.022
9/19/2016	8:40:16	0.014	0.015	0.016	0.018	0.018
9/19/2016	8:41:16	0.014	0.014	0.016	0.018	0.018
9/19/2016	8:42:16	0.013	0.014	0.015	0.017	0.017
9/19/2016	8:43:16	0.015	0.016	0.017	0.019	0.019
9/19/2016	8:44:16	0.016	0.017	0.018	0.019	0.02
9/19/2016	8:45:16	0.014	0.015	0.016	0.019	0.02
9/19/2016	8:46:16	0.012	0.013	0.014	0.015	0.016
9/19/2016	8:47:16	0.013	0.014	0.015	0.017	0.017
9/19/2016	8:48:16	0.014	0.014	0.015	0.017	0.017
9/19/2016	8:49:16	0.019	0.02	0.021	0.023	0.024
9/19/2016	8:50:16	0.022	0.023	0.024	0.028	0.03
9/19/2016	8:51:16	0.014	0.015	0.016	0.02	0.02
9/19/2016	8:52:16	0.013	0.015	0.016	0.019	0.02
9/19/2016	8:53:16	0.014	0.015	0.016	0.019	0.019
9/19/2016	8:54:16	0.013	0.014	0.015	0.018	0.019
9/19/2016	8:55:16	0.014	0.015	0.016	0.018	0.019
9/19/2016	8:56:16	0.013	0.015	0.016	0.018	0.018
9/19/2016	8:57:16	0.013	0.015	0.015	0.019	0.019
9/19/2016	8:58:16	0.015	0.016	0.017	0.019	0.019
9/19/2016	8:59:16	0.016	0.017	0.018	0.019	0.02
9/19/2016	9:00:16	0.015	0.016	0.017	0.018	0.018
9/19/2016	9:01:16	0.014	0.015	0.016	0.018	0.019
9/19/2016	9:02:16	0.013	0.014	0.015	0.017	0.017
9/19/2016	9:03:16	0.013	0.013	0.014	0.015	0.015
9/19/2016	9:04:16	0.013	0.013	0.014	0.015	0.015
9/19/2016	9:05:16	0.013	0.013	0.014	0.015	0.016
9/19/2016	9:06:16	0.012	0.013	0.014	0.015	0.015
9/19/2016	9:07:16	0.012	0.013	0.014	0.016	0.016
9/19/2016	9:08:16	0.012	0.013	0.014	0.014	0.014
9/19/2016	9:09:16	0.012	0.013	0.013	0.015	0.015
9/19/2016	9:10:16	0.012	0.012	0.013	0.014	0.015
9/19/2016	9:11:16	0.014	0.015	0.016	0.018	0.018
9/19/2016	9:12:16	0.014	0.014	0.015	0.017	0.017
9/19/2016	9:13:16	0.014	0.014	0.015	0.017	0.017
9/19/2016	9:14:16	0.012	0.013	0.014	0.015	0.015

9/19/2016	9:15:16	0.013	0.014	0.014	0.015	0.016
9/19/2016	9:16:16	0.015	0.016	0.016	0.018	0.018
9/19/2016	9:17:16	0.013	0.014	0.014	0.015	0.015
9/19/2016	9:18:16	0.01	0.01	0.011	0.011	0.011
9/19/2016	9:19:16	0.012	0.013	0.013	0.014	0.014
9/19/2016	9:20:16	0.019	0.02	0.02	0.021	0.022
9/19/2016	9:21:16	0.013	0.014	0.015	0.016	0.016
9/19/2016	9:22:16	0.012	0.013	0.014	0.015	0.015
9/19/2016	9:23:16	0.019	0.02	0.02	0.022	0.022
9/19/2016	9:24:16	0.024	0.025	0.025	0.026	0.026
9/19/2016	9:25:16	0.015	0.016	0.016	0.018	0.018
9/19/2016	9:26:16	0.014	0.015	0.015	0.016	0.016
9/19/2016	9:27:16	0.01	0.011	0.011	0.012	0.012
9/19/2016	9:28:16	0.011	0.012	0.013	0.013	0.013
9/19/2016	9:29:16	0.01	0.011	0.012	0.013	0.014
9/19/2016	9:30:16	0.009	0.01	0.01	0.011	0.011
9/19/2016	9:31:16	0.009	0.009	0.01	0.011	0.011
9/19/2016	9:32:16	0.009	0.009	0.01	0.011	0.011
9/19/2016	9:33:16	0.009	0.009	0.01	0.011	0.012
9/19/2016	9:34:16	0.009	0.009	0.01	0.011	0.011
9/19/2016	9:35:16	0.009	0.009	0.01	0.011	0.011
9/19/2016	9:36:16	0.009	0.009	0.01	0.011	0.011
9/19/2016	9:37:16	0.009	0.01	0.01	0.011	0.012
9/19/2016	9:38:16	0.009	0.01	0.011	0.011	0.011
9/19/2016	9:39:16	0.01	0.011	0.011	0.012	0.013
9/19/2016	9:40:16	0.009	0.01	0.01	0.011	0.012
9/19/2016	9:41:16	0.009	0.01	0.01	0.011	0.012
9/19/2016	9:42:16	0.009	0.01	0.01	0.011	0.012
9/19/2016	9:43:16	0.009	0.01	0.01	0.012	0.012
9/19/2016	9:44:16	0.009	0.01	0.01	0.011	0.011
9/19/2016	9:45:16	0.01	0.011	0.011	0.012	0.012
9/19/2016	9:46:16	0.011	0.011	0.012	0.013	0.014
9/19/2016	9:47:16	0.012	0.013	0.014	0.015	0.015
9/19/2016	9:48:16	0.009	0.01	0.011	0.011	0.012
9/19/2016	9:49:16	0.009	0.01	0.01	0.011	0.011
9/19/2016	9:50:16	0.009	0.01	0.01	0.011	0.011
9/19/2016	9:51:16	0.009	0.01	0.01	0.012	0.012
9/19/2016	9:52:16	0.009	0.009	0.01	0.011	0.011
9/19/2016	9:53:16	0.009	0.01	0.01	0.011	0.011
9/19/2016	9:54:16	0.008	0.009	0.009	0.01	0.01
9/19/2016	9:55:16	0.009	0.009	0.01	0.011	0.011
9/19/2016	9:56:16	0.009	0.01	0.01	0.011	0.012
9/19/2016	9:57:16	0.009	0.01	0.01	0.011	0.011
9/19/2016	9:58:16	0.012	0.012	0.013	0.014	0.014
9/19/2016	9:59:16	0.011	0.011	0.012	0.013	0.014
9/19/2016	10:00:16	0.008	0.009	0.01	0.01	0.01
9/19/2016	10:01:16	0.008	0.009	0.009	0.01	0.01
9/19/2016	10:02:16	0.008	0.009	0.009	0.01	0.01
9/19/2016	10:03:16	0.008	0.009	0.009	0.01	0.01
9/19/2016	10:04:16	0.008	0.009	0.009	0.01	0.01
9/19/2016	10:05:16	0.008	0.009	0.009	0.01	0.011
9/19/2016	10:06:16	0.008	0.008	0.009	0.01	0.01
9/19/2016	10:07:16	0.009	0.009	0.009	0.01	0.011
9/19/2016	10:08:16	0.008	0.009	0.009	0.01	0.01
9/19/2016	10:09:16	0.009	0.009	0.01	0.01	0.01
9/19/2016	10:10:16	0.008	0.009	0.009	0.01	0.01
9/19/2016	10:11:16	0.008	0.009	0.009	0.01	0.01
9/19/2016	10:12:16	0.015	0.016	0.017	0.02	0.021
9/19/2016	10:13:16	0.017	0.019	0.02	0.022	0.022
9/19/2016	10:14:16	0.016	0.017	0.018	0.02	0.021
9/19/2016	10:15:16	0.016	0.018	0.019	0.021	0.022
9/19/2016	10:16:16	0.01	0.011	0.012	0.013	0.013
9/19/2016	10:17:16	0.01	0.011	0.011	0.012	0.013
9/19/2016	10:18:16	0.011	0.011	0.012	0.013	0.013
9/19/2016	10:19:16	0.011	0.012	0.012	0.013	0.014
9/19/2016	10:20:16	0.011	0.011	0.012	0.013	0.013
9/19/2016	10:21:16	0.011	0.012	0.013	0.014	0.014
9/19/2016	10:22:16	0.014	0.015	0.016	0.018	0.018
9/19/2016	10:23:16	0.012	0.012	0.013	0.015	0.015
9/19/2016	10:24:16	0.011	0.012	0.012	0.014	0.014
9/19/2016	10:25:16	0.011	0.011	0.012	0.013	0.013
9/19/2016	10:26:16	0.011	0.011	0.012	0.013	0.013
9/19/2016	10:27:16	0.011	0.011	0.012	0.013	0.013
9/19/2016	10:28:16	0.01	0.011	0.012	0.013	0.013
9/19/2016	10:29:16	0.011	0.011	0.012	0.014	0.014
9/19/2016	10:30:16	0.02	0.023	0.025	0.033	0.034
9/19/2016	10:31:16	0.011	0.011	0.012	0.013	0.013

9/19/2016	10:32:16	0.01	0.011	0.011	0.012	0.012
9/19/2016	10:33:16	0.01	0.011	0.011	0.012	0.012
9/19/2016	10:34:16	0.039	0.044	0.048	0.056	0.059
9/19/2016	10:35:16	0.089	0.102	0.113	0.143	0.15
9/19/2016	10:36:16	0.023	0.025	0.028	0.033	0.034
9/19/2016	10:37:16	0.011	0.012	0.013	0.014	0.015
9/19/2016	10:38:16	0.01	0.01	0.011	0.012	0.013
9/19/2016	10:39:16	0.01	0.01	0.011	0.012	0.013
9/19/2016	10:40:16	0.01	0.01	0.011	0.012	0.012
9/19/2016	10:41:16	0.01	0.01	0.011	0.012	0.012
9/19/2016	10:42:16	0.01	0.01	0.011	0.012	0.012
9/19/2016	10:43:16	0.009	0.01	0.01	0.011	0.011
9/19/2016	10:44:16	0.009	0.01	0.011	0.011	0.012
9/19/2016	10:45:16	0.009	0.01	0.011	0.011	0.011
9/19/2016	10:46:16	0.009	0.01	0.01	0.011	0.012
9/19/2016	10:47:16	0.009	0.01	0.01	0.011	0.012
9/19/2016	10:48:16	0.01	0.01	0.011	0.012	0.012
9/19/2016	10:49:16	0.01	0.01	0.011	0.012	0.013
9/19/2016	10:50:16	0.01	0.011	0.011	0.012	0.012
9/19/2016	10:51:16	0.01	0.01	0.011	0.012	0.012
9/19/2016	10:52:16	0.01	0.01	0.011	0.012	0.012
9/19/2016	10:53:16	0.01	0.01	0.011	0.013	0.013
9/19/2016	10:54:16	0.01	0.011	0.012	0.013	0.013
9/19/2016	10:55:16	0.01	0.01	0.011	0.011	0.011
9/19/2016	10:56:16	0.01	0.011	0.011	0.012	0.012
9/19/2016	10:57:16	0.01	0.011	0.011	0.013	0.014
9/19/2016	10:58:16	0.01	0.01	0.011	0.012	0.013
9/19/2016	10:59:16	0.01	0.01	0.011	0.012	0.012
9/19/2016	11:00:16	0.009	0.01	0.011	0.011	0.011
9/19/2016	11:01:16	0.009	0.01	0.01	0.011	0.012
9/19/2016	11:02:16	0.009	0.009	0.01	0.011	0.011
9/19/2016	11:03:16	0.008	0.008	0.008	0.009	0.01
9/19/2016	11:04:16	0.007	0.008	0.008	0.009	0.009
9/19/2016	11:05:16	0.008	0.008	0.008	0.01	0.01
9/19/2016	11:06:16	0.008	0.008	0.009	0.01	0.011
9/19/2016	11:07:16	0.009	0.009	0.01	0.011	0.012
9/19/2016	11:08:16	0.009	0.01	0.01	0.012	0.013
9/19/2016	11:09:16	0.01	0.011	0.011	0.013	0.015
9/19/2016	11:10:16	0.011	0.011	0.012	0.014	0.015
9/19/2016	11:11:16	0.008	0.008	0.009	0.01	0.01
9/19/2016	11:12:16	0.007	0.008	0.008	0.009	0.011
9/19/2016	11:13:16	0.008	0.009	0.009	0.012	0.012
9/19/2016	11:14:16	0.008	0.008	0.009	0.011	0.011
9/19/2016	11:15:16	0.01	0.011	0.011	0.013	0.013
9/19/2016	11:16:16	0.017	0.018	0.02	0.028	0.031
9/19/2016	11:17:16	0.007	0.008	0.008	0.009	0.01
9/19/2016	11:18:16	0.007	0.007	0.008	0.009	0.009
9/19/2016	11:19:16	0.01	0.011	0.012	0.016	0.018
9/19/2016	11:20:16	0.007	0.007	0.008	0.011	0.011
9/19/2016	11:21:16	0.014	0.015	0.017	0.025	0.028
9/19/2016	11:22:16	0.026	0.027	0.029	0.037	0.04
9/19/2016	11:23:16	0.01	0.011	0.011	0.014	0.015
9/19/2016	11:24:16	0.009	0.01	0.01	0.013	0.015
9/19/2016	11:25:16	0.017	0.018	0.018	0.021	0.021
9/19/2016	11:26:16	0.006	0.006	0.007	0.008	0.009
9/19/2016	11:27:16	0.007	0.007	0.008	0.011	0.011
9/19/2016	11:28:16	0.011	0.012	0.013	0.018	0.02
9/19/2016	11:29:16	0.006	0.007	0.007	0.008	0.009
9/19/2016	11:30:16	0.005	0.006	0.006	0.007	0.008
9/19/2016	11:31:16	0.006	0.006	0.007	0.008	0.008
9/19/2016	11:32:16	0.005	0.006	0.006	0.007	0.008
9/19/2016	11:33:16	0.018	0.02	0.022	0.031	0.033
9/19/2016	11:34:16	0.031	0.035	0.04	0.068	0.076
9/19/2016	11:35:16	0.009	0.01	0.011	0.016	0.018
9/19/2016	11:36:16	0.019	0.021	0.024	0.037	0.038
9/19/2016	11:37:16	0.009	0.01	0.011	0.015	0.016
9/19/2016	11:38:16	0.005	0.006	0.006	0.009	0.009
9/19/2016	11:39:16	0.005	0.006	0.006	0.007	0.008
9/19/2016	11:40:16	0.008	0.009	0.01	0.013	0.013
9/19/2016	11:41:16	0.014	0.015	0.016	0.021	0.022
9/19/2016	11:42:16	0.009	0.009	0.01	0.011	0.011
9/19/2016	11:43:16	0.007	0.007	0.008	0.009	0.01
9/19/2016	11:44:16	0.005	0.006	0.006	0.007	0.008
9/19/2016	11:45:16	0.058	0.059	0.059	0.06	0.06
9/19/2016	11:46:16	0.011	0.011	0.011	0.013	0.013
9/19/2016	11:47:16	0.01	0.011	0.011	0.013	0.014
9/19/2016	11:48:16	0.008	0.008	0.009	0.01	0.011

9/19/2016	11:49:16	0.01	0.011	0.012	0.014	0.016
9/19/2016	11:50:16	0.005	0.006	0.006	0.007	0.007
9/19/2016	11:51:16	0.005	0.005	0.005	0.006	0.006
9/19/2016	11:52:16	0.005	0.006	0.006	0.007	0.008
9/19/2016	11:53:16	0.006	0.007	0.007	0.009	0.01
9/19/2016	11:54:16	0.008	0.008	0.009	0.011	0.011
9/19/2016	11:55:16	0.006	0.006	0.006	0.008	0.008
9/19/2016	11:56:16	0.005	0.006	0.006	0.007	0.007
9/19/2016	11:57:16	0.006	0.006	0.006	0.007	0.007
9/19/2016	11:58:16	0.006	0.006	0.006	0.008	0.009
9/19/2016	11:59:16	0.005	0.005	0.006	0.006	0.007
9/19/2016	12:00:16	0.004	0.005	0.005	0.006	0.006
9/19/2016	12:01:16	0.005	0.006	0.006	0.006	0.007
9/19/2016	12:02:16	0.004	0.004	0.005	0.005	0.005
9/19/2016	12:03:16	0.005	0.005	0.006	0.007	0.008
9/19/2016	12:04:16	0.004	0.005	0.005	0.006	0.007
9/19/2016	12:05:16	0.005	0.005	0.005	0.006	0.007
9/19/2016	12:06:16	0.004	0.005	0.005	0.006	0.006
9/19/2016	12:07:16	0.005	0.005	0.005	0.006	0.007
9/19/2016	12:08:16	0.005	0.005	0.005	0.006	0.007
9/19/2016	12:09:16	0.005	0.005	0.005	0.006	0.006
9/19/2016	12:10:16	0.005	0.005	0.006	0.006	0.007
9/19/2016	12:11:16	0.005	0.005	0.006	0.006	0.007
9/19/2016	12:12:16	0.005	0.005	0.005	0.006	0.006
9/19/2016	12:13:16	0.005	0.005	0.006	0.006	0.007
9/19/2016	12:14:16	0.005	0.005	0.005	0.006	0.006
9/19/2016	12:15:16	0.005	0.005	0.005	0.006	0.007
9/19/2016	12:16:16	0.004	0.005	0.005	0.006	0.006
9/19/2016	12:17:16	0.005	0.005	0.005	0.006	0.008
9/19/2016	12:18:16	0.004	0.005	0.005	0.005	0.006
9/19/2016	12:19:16	0.005	0.005	0.005	0.006	0.006
9/19/2016	12:20:16	0.004	0.004	0.005	0.006	0.006
9/19/2016	12:21:16	0.004	0.004	0.005	0.006	0.007
9/19/2016	12:22:16	0.004	0.004	0.004	0.005	0.005
9/19/2016	12:23:16	0.004	0.004	0.005	0.005	0.005
9/19/2016	12:24:16	0.004	0.004	0.004	0.005	0.005
9/19/2016	12:25:16	0.004	0.004	0.004	0.005	0.006
9/19/2016	12:26:16	0.004	0.004	0.004	0.005	0.006
9/19/2016	12:27:16	0.004	0.004	0.004	0.005	0.006
9/19/2016	12:28:16	0.004	0.004	0.005	0.005	0.006
9/19/2016	12:29:16	0.004	0.004	0.005	0.006	0.006
9/19/2016	12:30:16	0.005	0.005	0.006	0.007	0.007
9/19/2016	12:31:16	0.005	0.005	0.005	0.006	0.006
9/19/2016	12:32:16	0.006	0.006	0.007	0.008	0.008
9/19/2016	12:33:16	0.007	0.007	0.008	0.01	0.01
9/19/2016	12:34:16	0.004	0.004	0.005	0.005	0.006
9/19/2016	12:35:16	0.005	0.006	0.006	0.008	0.009
9/19/2016	12:36:16	0.005	0.005	0.005	0.006	0.007
9/19/2016	12:37:16	0.005	0.005	0.005	0.006	0.007
9/19/2016	12:38:16	0.004	0.005	0.005	0.006	0.006
9/19/2016	12:39:16	0.005	0.005	0.005	0.006	0.006
9/19/2016	12:40:16	0.005	0.005	0.006	0.006	0.006
9/19/2016	12:41:16	0.005	0.005	0.006	0.006	0.007
9/19/2016	12:42:16	0.005	0.005	0.005	0.006	0.006
9/19/2016	12:43:16	0.005	0.006	0.006	0.007	0.007
9/19/2016	12:44:16	0.006	0.006	0.006	0.008	0.009
9/19/2016	12:45:16	0.006	0.006	0.007	0.008	0.008
9/19/2016	12:46:16	0.006	0.007	0.007	0.008	0.009
9/19/2016	12:47:16	0.006	0.007	0.007	0.008	0.009
9/19/2016	12:48:16	0.006	0.006	0.006	0.007	0.008
9/19/2016	12:49:16	0.004	0.005	0.005	0.006	0.006
9/19/2016	12:50:16	0.005	0.005	0.005	0.006	0.006
9/19/2016	12:51:16	0.004	0.004	0.005	0.005	0.006
9/19/2016	12:52:16	0.004	0.004	0.004	0.006	0.006
9/19/2016	12:53:16	0.004	0.005	0.005	0.006	0.006
9/19/2016	12:54:16	0.004	0.004	0.005	0.005	0.006
9/19/2016	12:55:16	0.004	0.005	0.005	0.005	0.006
9/19/2016	12:56:16	0.005	0.005	0.005	0.006	0.006
9/19/2016	12:57:16	0.006	0.006	0.006	0.007	0.008
9/19/2016	12:58:16	0.005	0.005	0.005	0.006	0.007
9/19/2016	12:59:16	0.005	0.005	0.005	0.007	0.007
9/19/2016	13:00:16	0.005	0.005	0.006	0.006	0.007
9/19/2016	13:01:16	0.005	0.006	0.006	0.007	0.007
9/19/2016	13:02:16	0.006	0.006	0.006	0.007	0.007
9/19/2016	13:03:16	0.005	0.005	0.006	0.006	0.006
9/19/2016	13:04:16	0.005	0.005	0.006	0.007	0.007
9/19/2016	13:05:16	0.005	0.005	0.005	0.006	0.006

9/19/2016	13:06:16	0.005	0.005	0.006	0.007	0.007
9/19/2016	13:07:16	0.005	0.006	0.006	0.008	0.008
9/19/2016	13:08:16	0.006	0.006	0.007	0.008	0.008
9/19/2016	13:09:16	0.004	0.005	0.005	0.006	0.006
9/19/2016	13:10:16	0.005	0.005	0.005	0.006	0.007
9/19/2016	13:11:16	0.005	0.005	0.006	0.007	0.007
9/19/2016	13:12:16	0.005	0.005	0.005	0.007	0.007
9/19/2016	13:13:16	0.005	0.006	0.006	0.007	0.008
9/19/2016	13:14:16	0.004	0.005	0.005	0.006	0.006
9/19/2016	13:15:16	0.005	0.005	0.006	0.007	0.007
9/19/2016	13:16:16	0.005	0.005	0.005	0.006	0.007
9/19/2016	13:17:16	0.005	0.005	0.006	0.007	0.008
9/19/2016	13:18:16	0.005	0.005	0.005	0.006	0.006
9/19/2016	13:19:16	0.005	0.005	0.005	0.007	0.007
9/19/2016	13:20:16	0.005	0.005	0.005	0.006	0.006
9/19/2016	13:21:16	0.005	0.005	0.006	0.007	0.007
9/19/2016	13:22:16	0.005	0.005	0.006	0.008	0.008
9/19/2016	13:23:16	0.005	0.006	0.006	0.007	0.008
9/19/2016	13:24:16	0.005	0.005	0.006	0.006	0.007
9/19/2016	13:25:16	0.005	0.006	0.006	0.007	0.008
9/19/2016	13:26:16	0.005	0.005	0.005	0.006	0.007
9/19/2016	13:27:16	0.005	0.005	0.005	0.006	0.006
9/19/2016	13:28:16	0.005	0.006	0.006	0.007	0.007
9/19/2016	13:29:16	0.005	0.005	0.005	0.006	0.007
9/19/2016	13:30:16	0.005	0.006	0.006	0.007	0.008
9/19/2016	13:31:16	0.005	0.005	0.005	0.006	0.006
9/19/2016	13:32:16	0.005	0.005	0.005	0.006	0.006
9/19/2016	13:33:16	0.005	0.005	0.005	0.006	0.007
9/19/2016	13:34:16	0.005	0.005	0.005	0.006	0.007
9/19/2016	13:35:16	0.005	0.005	0.005	0.006	0.007
9/19/2016	13:36:16	0.004	0.004	0.005	0.005	0.006
9/19/2016	13:37:16	0.005	0.005	0.005	0.006	0.007
9/19/2016	13:38:16	0.005	0.005	0.005	0.007	0.007
9/19/2016	13:39:16	0.004	0.004	0.004	0.005	0.005
9/19/2016	13:40:16	0.004	0.004	0.004	0.005	0.005
9/19/2016	13:41:16	0.004	0.004	0.005	0.006	0.006
9/19/2016	13:42:16	0.004	0.004	0.005	0.006	0.006
9/19/2016	13:43:16	0.004	0.004	0.004	0.005	0.005
9/19/2016	13:44:16	0.004	0.004	0.004	0.005	0.005
9/19/2016	13:45:16	0.005	0.006	0.006	0.007	0.008
9/19/2016	13:46:16	0.004	0.005	0.005	0.005	0.005
9/19/2016	13:47:16	0.005	0.005	0.006	0.007	0.007
9/19/2016	13:48:16	0.006	0.007	0.007	0.008	0.008
9/19/2016	13:49:16	0.005	0.005	0.006	0.007	0.007
9/19/2016	13:50:16	0.005	0.005	0.006	0.007	0.007
9/19/2016	13:51:16	0.004	0.005	0.005	0.006	0.006
9/19/2016	13:52:16	0.005	0.005	0.005	0.006	0.006
9/19/2016	13:53:16	0.007	0.007	0.008	0.011	0.012
9/19/2016	13:54:16	0.006	0.006	0.007	0.008	0.009
9/19/2016	13:55:16	0.005	0.005	0.006	0.008	0.008
9/19/2016	13:56:16	0.005	0.006	0.006	0.008	0.008
9/19/2016	13:57:16	0.006	0.006	0.006	0.007	0.009
9/19/2016	13:58:16	0.005	0.005	0.005	0.006	0.006
9/19/2016	13:59:16	0.004	0.005	0.005	0.006	0.006
9/19/2016	14:00:16	0.004	0.005	0.005	0.006	0.006
9/19/2016	14:01:16	0.005	0.005	0.006	0.007	0.007
9/19/2016	14:02:16	0.005	0.006	0.006	0.007	0.008
9/19/2016	14:03:16	0.005	0.005	0.005	0.006	0.007
9/19/2016	14:04:16	0.005	0.005	0.005	0.006	0.006
9/19/2016	14:05:16	0.004	0.005	0.005	0.005	0.005
9/19/2016	14:06:16	0.004	0.005	0.005	0.006	0.006
9/19/2016	14:07:16	0.004	0.004	0.005	0.006	0.006
9/19/2016	14:08:16	0.004	0.004	0.004	0.005	0.005
9/19/2016	14:09:16	0.013	0.014	0.014	0.016	0.017
9/19/2016	14:10:16	0.009	0.01	0.01	0.011	0.013
9/19/2016	14:11:16	0.005	0.005	0.006	0.007	0.007
9/19/2016	14:12:16	0.004	0.004	0.004	0.005	0.005
9/19/2016	14:13:16	0.011	0.012	0.013	0.022	0.024
9/19/2016	14:14:16	0.005	0.005	0.006	0.008	0.009
9/19/2016	14:15:16	0.004	0.005	0.005	0.007	0.008
9/19/2016	14:16:16	0.004	0.005	0.005	0.007	0.008
9/19/2016	14:17:16	0.005	0.006	0.006	0.01	0.01
9/19/2016	14:18:16	0.007	0.008	0.009	0.013	0.015
9/19/2016	14:19:16	0.005	0.006	0.006	0.009	0.011
9/19/2016	14:20:16	0.005	0.006	0.006	0.009	0.009
9/19/2016	14:21:16	0.008	0.009	0.011	0.018	0.02
9/19/2016	14:22:16	0.004	0.004	0.004	0.006	0.007

9/19/2016	14:23:16	0.003	0.003	0.004	0.004	0.005
9/19/2016	14:24:16	0.007	0.007	0.008	0.012	0.012
9/19/2016	14:25:16	0.005	0.005	0.006	0.008	0.009
9/19/2016	14:26:16	0.004	0.004	0.004	0.006	0.007
9/19/2016	14:27:16	0.005	0.006	0.006	0.01	0.01
9/19/2016	14:28:16	0.004	0.004	0.004	0.006	0.006
9/19/2016	14:29:16	0.008	0.009	0.01	0.013	0.014
9/19/2016	14:30:16	0.005	0.006	0.006	0.009	0.009
9/19/2016	14:31:16	0.004	0.005	0.005	0.007	0.008
9/19/2016	14:32:16	0.006	0.006	0.007	0.009	0.01
9/19/2016	14:33:16	0.004	0.005	0.005	0.006	0.007
9/19/2016	14:34:16	0.006	0.006	0.007	0.01	0.011
9/19/2016	14:35:16	0.005	0.006	0.006	0.009	0.01
9/19/2016	14:36:16	0.005	0.005	0.005	0.006	0.007
9/19/2016	14:37:16	0.004	0.004	0.004	0.005	0.006
9/19/2016	14:38:16	0.003	0.004	0.004	0.005	0.005
9/19/2016	14:39:16	0.003	0.004	0.004	0.005	0.005
9/19/2016	14:40:16	0.009	0.01	0.011	0.017	0.018
9/19/2016	14:41:16	0.006	0.006	0.007	0.011	0.013
9/19/2016	14:42:16	0.004	0.004	0.005	0.006	0.006
9/19/2016	14:43:16	0.003	0.003	0.004	0.005	0.005
9/19/2016	14:44:16	0.003	0.004	0.004	0.005	0.006
9/19/2016	14:45:16	0.003	0.003	0.003	0.005	0.005
9/19/2016	14:46:16	0.003	0.003	0.003	0.005	0.005
9/19/2016	14:47:16	0.003	0.003	0.003	0.004	0.004
9/19/2016	14:48:16	0.004	0.005	0.005	0.006	0.007
9/19/2016	14:49:16	0.003	0.003	0.004	0.005	0.005
9/19/2016	14:50:16	0.003	0.003	0.003	0.004	0.005
9/19/2016	14:51:16	0.003	0.003	0.004	0.005	0.006
9/19/2016	14:52:16	0.003	0.004	0.004	0.006	0.006
9/19/2016	14:53:16	0.002	0.002	0.003	0.003	0.004
9/19/2016	14:54:16	0.003	0.003	0.003	0.005	0.005
9/19/2016	14:55:16	0.003	0.003	0.003	0.005	0.005
9/19/2016	14:56:16	0.002	0.003	0.003	0.005	0.005
9/19/2016	14:57:16	0.002	0.002	0.002	0.003	0.003
9/19/2016	14:58:16	0.005	0.005	0.005	0.007	0.008
9/19/2016	14:59:16	0.002	0.002	0.003	0.004	0.004
9/19/2016	15:00:16	0.002	0.002	0.002	0.003	0.004
9/19/2016	15:01:16	0.002	0.002	0.002	0.003	0.003
9/19/2016	15:02:16	0.002	0.002	0.003	0.003	0.003
9/19/2016	15:03:16	0.002	0.002	0.003	0.003	0.004
9/19/2016	15:04:16	0.002	0.002	0.002	0.003	0.003
9/19/2016	15:05:16	0.002	0.002	0.003	0.003	0.004
9/19/2016	15:06:16	0.002	0.002	0.002	0.003	0.003
9/19/2016	15:07:16	0.002	0.002	0.002	0.003	0.003
9/19/2016	15:08:16	0.002	0.002	0.002	0.003	0.003
9/19/2016	15:09:16	0.002	0.002	0.002	0.002	0.002
9/19/2016	15:10:16	0.002	0.002	0.003	0.003	0.004
9/19/2016	15:11:16	0.002	0.002	0.002	0.003	0.003
9/19/2016	15:12:16	0.002	0.002	0.002	0.003	0.004
9/19/2016	15:13:16	0.002	0.002	0.002	0.003	0.003
9/19/2016	15:14:16	0.002	0.002	0.002	0.003	0.003
9/19/2016	15:15:16	0.002	0.002	0.003	0.003	0.004
9/19/2016	15:16:16	0.003	0.003	0.004	0.006	0.007
9/19/2016	15:17:16	0.002	0.003	0.003	0.004	0.004
9/19/2016	15:18:16	0.002	0.002	0.003	0.003	0.004
9/19/2016	15:19:16	0.002	0.003	0.003	0.004	0.004
9/19/2016	15:20:16	0.002	0.002	0.003	0.004	0.004
9/19/2016	15:21:16	0.002	0.002	0.002	0.003	0.004
9/19/2016	15:22:16	0.002	0.002	0.003	0.004	0.004

Model: DustTrak DRX
Model Number: 8533
Serial Number: 8533161707
Test ID: 2
Test Abbreviation: MANUAL_002
Start Date: 9/20/2016
Start Time: 7:21:43
Duration (dd:hh:mm:ss): 0:07:37:00
Log Interval (mm:ss): 1:00
Number of points: 457
Notes:

Statistics	Channel:	PM1	PM2.5	RESP	PM10	TOTAL
	Units:	mg/m^3	mg/m^3	mg/m^3	mg/m^3	mg/m^3
	Average:	0.013	0.013	0.014	0.015	0.015
	Minimum:	0.007	0.007	0.007	0.007	0.007
	Time of Minimum:	13:47:43	13:56:43	14:06:43	14:11:43	14:11:43
	Date of Minimum:	9/20/2016	9/20/2016	9/20/2016	9/20/2016	9/20/2016
	Maximum:	0.029	0.032	0.036	0.045	0.047
	Time of Maximum:	7:22:43	7:22:43	7:22:43	7:22:43	7:22:43
	Date of Maximum:	9/20/2016	9/20/2016	9/20/2016	9/20/2016	9/20/2016

Calibration

Sensor:	AEROSOL
Cal. date	7/14/2016

Date	Time	PM1	PM2.5	RESP	PM10	TOTAL
MM/dd/yyyy	hh:mm:ss	mg/m^3	mg/m^3	mg/m^3	mg/m^3	mg/m^3
9/20/2016	7:22:43	0.029	0.032	0.036	0.045	0.047
9/20/2016	7:23:43	0.022	0.023	0.024	0.024	0.024
9/20/2016	7:24:43	0.023	0.024	0.025	0.026	0.026
9/20/2016	7:25:43	0.025	0.026	0.027	0.028	0.028
9/20/2016	7:26:43	0.025	0.025	0.026	0.027	0.027
9/20/2016	7:27:43	0.024	0.025	0.026	0.026	0.027
9/20/2016	7:28:43	0.024	0.024	0.025	0.026	0.026
9/20/2016	7:29:43	0.023	0.024	0.024	0.025	0.025
9/20/2016	7:30:43	0.025	0.026	0.027	0.028	0.028
9/20/2016	7:31:43	0.025	0.025	0.026	0.027	0.027
9/20/2016	7:32:43	0.024	0.025	0.025	0.026	0.026
9/20/2016	7:33:43	0.024	0.024	0.025	0.026	0.026
9/20/2016	7:34:43	0.023	0.024	0.024	0.025	0.026
9/20/2016	7:35:43	0.023	0.023	0.024	0.024	0.024
9/20/2016	7:36:43	0.023	0.023	0.024	0.025	0.025
9/20/2016	7:37:43	0.023	0.024	0.024	0.027	0.027
9/20/2016	7:38:43	0.023	0.023	0.024	0.025	0.025
9/20/2016	7:39:43	0.023	0.023	0.024	0.026	0.026
9/20/2016	7:40:43	0.022	0.022	0.023	0.024	0.025
9/20/2016	7:41:43	0.022	0.023	0.023	0.025	0.025
9/20/2016	7:42:43	0.022	0.022	0.023	0.024	0.025
9/20/2016	7:43:43	0.021	0.021	0.022	0.023	0.023
9/20/2016	7:44:43	0.021	0.022	0.022	0.023	0.023
9/20/2016	7:45:43	0.021	0.022	0.022	0.023	0.023
9/20/2016	7:46:43	0.021	0.022	0.023	0.023	0.023
9/20/2016	7:47:43	0.02	0.021	0.021	0.022	0.022
9/20/2016	7:48:43	0.02	0.02	0.021	0.022	0.022
9/20/2016	7:49:43	0.02	0.021	0.021	0.022	0.022
9/20/2016	7:50:43	0.02	0.021	0.021	0.022	0.022
9/20/2016	7:51:43	0.02	0.02	0.021	0.022	0.022
9/20/2016	7:52:43	0.02	0.02	0.021	0.022	0.022
9/20/2016	7:53:43	0.019	0.02	0.02	0.021	0.021
9/20/2016	7:54:43	0.019	0.02	0.02	0.021	0.021
9/20/2016	7:55:43	0.019	0.02	0.02	0.021	0.021
9/20/2016	7:56:43	0.02	0.021	0.021	0.023	0.023
9/20/2016	7:57:43	0.019	0.02	0.021	0.021	0.022
9/20/2016	7:58:43	0.019	0.02	0.02	0.021	0.022
9/20/2016	7:59:43	0.018	0.019	0.019	0.02	0.02
9/20/2016	8:00:43	0.018	0.019	0.019	0.02	0.02
9/20/2016	8:01:43	0.018	0.018	0.019	0.019	0.019
9/20/2016	8:02:43	0.019	0.019	0.02	0.021	0.022
9/20/2016	8:03:43	0.018	0.018	0.019	0.019	0.02
9/20/2016	8:04:43	0.018	0.019	0.019	0.021	0.021
9/20/2016	8:05:43	0.018	0.018	0.019	0.02	0.02
9/20/2016	8:06:43	0.018	0.018	0.019	0.019	0.019
9/20/2016	8:07:43	0.018	0.018	0.018	0.019	0.019
9/20/2016	8:08:43	0.018	0.018	0.019	0.02	0.02
9/20/2016	8:09:43	0.018	0.018	0.019	0.019	0.019

9/20/2016	8:10:43	0.018	0.019	0.019	0.02	0.02
9/20/2016	8:11:43	0.018	0.019	0.019	0.02	0.02
9/20/2016	8:12:43	0.018	0.018	0.018	0.019	0.019
9/20/2016	8:13:43	0.018	0.018	0.019	0.02	0.02
9/20/2016	8:14:43	0.018	0.018	0.019	0.02	0.02
9/20/2016	8:15:43	0.02	0.02	0.021	0.022	0.023
9/20/2016	8:16:43	0.019	0.02	0.02	0.021	0.022
9/20/2016	8:17:43	0.019	0.019	0.02	0.02	0.021
9/20/2016	8:18:43	0.018	0.018	0.019	0.02	0.02
9/20/2016	8:19:43	0.019	0.02	0.02	0.021	0.022
9/20/2016	8:20:43	0.018	0.018	0.019	0.019	0.02
9/20/2016	8:21:43	0.018	0.018	0.018	0.019	0.019
9/20/2016	8:22:43	0.017	0.018	0.018	0.019	0.019
9/20/2016	8:23:43	0.018	0.018	0.018	0.019	0.02
9/20/2016	8:24:43	0.017	0.018	0.018	0.019	0.019
9/20/2016	8:25:43	0.017	0.018	0.018	0.019	0.019
9/20/2016	8:26:43	0.017	0.018	0.018	0.019	0.019
9/20/2016	8:27:43	0.017	0.018	0.018	0.019	0.019
9/20/2016	8:28:43	0.018	0.018	0.019	0.019	0.019
9/20/2016	8:29:43	0.017	0.018	0.018	0.019	0.019
9/20/2016	8:30:43	0.017	0.018	0.018	0.019	0.019
9/20/2016	8:31:43	0.018	0.018	0.019	0.02	0.02
9/20/2016	8:32:43	0.017	0.018	0.018	0.019	0.019
9/20/2016	8:33:43	0.017	0.018	0.018	0.019	0.02
9/20/2016	8:34:43	0.018	0.018	0.019	0.02	0.02
9/20/2016	8:35:43	0.018	0.018	0.019	0.02	0.02
9/20/2016	8:36:43	0.017	0.018	0.018	0.019	0.019
9/20/2016	8:37:43	0.018	0.018	0.019	0.019	0.02
9/20/2016	8:38:43	0.017	0.018	0.018	0.019	0.019
9/20/2016	8:39:43	0.018	0.018	0.018	0.02	0.02
9/20/2016	8:40:43	0.017	0.018	0.018	0.019	0.019
9/20/2016	8:41:43	0.017	0.017	0.018	0.018	0.018
9/20/2016	8:42:43	0.017	0.017	0.018	0.018	0.018
9/20/2016	8:43:43	0.017	0.017	0.018	0.018	0.018
9/20/2016	8:44:43	0.017	0.017	0.018	0.018	0.018
9/20/2016	8:45:43	0.017	0.017	0.018	0.018	0.018
9/20/2016	8:46:43	0.017	0.017	0.017	0.018	0.018
9/20/2016	8:47:43	0.016	0.017	0.017	0.018	0.018
9/20/2016	8:48:43	0.016	0.017	0.017	0.018	0.018
9/20/2016	8:49:43	0.016	0.017	0.017	0.018	0.018
9/20/2016	8:50:43	0.016	0.017	0.017	0.018	0.018
9/20/2016	8:51:43	0.016	0.016	0.017	0.017	0.018
9/20/2016	8:52:43	0.016	0.016	0.017	0.018	0.018
9/20/2016	8:53:43	0.016	0.016	0.016	0.017	0.017
9/20/2016	8:54:43	0.016	0.016	0.017	0.018	0.018
9/20/2016	8:55:43	0.016	0.016	0.017	0.017	0.017
9/20/2016	8:56:43	0.016	0.016	0.017	0.018	0.018
9/20/2016	8:57:43	0.016	0.016	0.017	0.017	0.017
9/20/2016	8:58:43	0.016	0.016	0.017	0.018	0.018
9/20/2016	8:59:43	0.016	0.016	0.016	0.017	0.018
9/20/2016	9:00:43	0.016	0.016	0.016	0.017	0.017
9/20/2016	9:01:43	0.016	0.016	0.016	0.017	0.017
9/20/2016	9:02:43	0.016	0.016	0.016	0.017	0.018
9/20/2016	9:03:43	0.015	0.016	0.016	0.017	0.017
9/20/2016	9:04:43	0.016	0.016	0.017	0.017	0.018
9/20/2016	9:05:43	0.016	0.016	0.017	0.018	0.018
9/20/2016	9:06:43	0.016	0.016	0.017	0.017	0.017
9/20/2016	9:07:43	0.016	0.017	0.017	0.018	0.018
9/20/2016	9:08:43	0.016	0.017	0.017	0.018	0.018
9/20/2016	9:09:43	0.016	0.017	0.017	0.018	0.018
9/20/2016	9:10:43	0.016	0.017	0.017	0.018	0.018
9/20/2016	9:11:43	0.016	0.017	0.017	0.018	0.018
9/20/2016	9:12:43	0.017	0.017	0.018	0.018	0.018
9/20/2016	9:13:43	0.017	0.017	0.018	0.018	0.019
9/20/2016	9:14:43	0.017	0.017	0.018	0.018	0.018
9/20/2016	9:15:43	0.017	0.018	0.018	0.019	0.019
9/20/2016	9:16:43	0.017	0.018	0.018	0.019	0.019
9/20/2016	9:17:43	0.017	0.018	0.018	0.019	0.019
9/20/2016	9:18:43	0.017	0.017	0.018	0.018	0.019
9/20/2016	9:19:43	0.017	0.017	0.018	0.018	0.018
9/20/2016	9:20:43	0.017	0.017	0.017	0.018	0.018
9/20/2016	9:21:43	0.017	0.017	0.018	0.019	0.02
9/20/2016	9:22:43	0.017	0.017	0.018	0.019	0.019
9/20/2016	9:23:43	0.016	0.017	0.017	0.018	0.018
9/20/2016	9:24:43	0.016	0.017	0.017	0.018	0.018
9/20/2016	9:25:43	0.017	0.017	0.017	0.018	0.018
9/20/2016	9:26:43	0.016	0.017	0.017	0.018	0.018

9/20/2016	9:27:43	0.016	0.017	0.017	0.017	0.018
9/20/2016	9:28:43	0.017	0.017	0.018	0.019	0.019
9/20/2016	9:29:43	0.016	0.017	0.017	0.018	0.018
9/20/2016	9:30:43	0.016	0.017	0.017	0.018	0.018
9/20/2016	9:31:43	0.016	0.017	0.017	0.017	0.017
9/20/2016	9:32:43	0.016	0.017	0.017	0.018	0.018
9/20/2016	9:33:43	0.016	0.017	0.017	0.018	0.018
9/20/2016	9:34:43	0.016	0.016	0.017	0.018	0.018
9/20/2016	9:35:43	0.016	0.017	0.017	0.018	0.018
9/20/2016	9:36:43	0.016	0.016	0.017	0.018	0.018
9/20/2016	9:37:43	0.016	0.016	0.017	0.018	0.018
9/20/2016	9:38:43	0.015	0.016	0.016	0.016	0.017
9/20/2016	9:39:43	0.015	0.016	0.016	0.017	0.017
9/20/2016	9:40:43	0.016	0.016	0.016	0.018	0.018
9/20/2016	9:41:43	0.016	0.016	0.016	0.017	0.018
9/20/2016	9:42:43	0.015	0.016	0.016	0.017	0.017
9/20/2016	9:43:43	0.016	0.016	0.016	0.017	0.017
9/20/2016	9:44:43	0.015	0.016	0.016	0.017	0.017
9/20/2016	9:45:43	0.015	0.015	0.016	0.017	0.017
9/20/2016	9:46:43	0.015	0.015	0.016	0.016	0.017
9/20/2016	9:47:43	0.015	0.015	0.016	0.016	0.016
9/20/2016	9:48:43	0.015	0.015	0.016	0.017	0.017
9/20/2016	9:49:43	0.015	0.015	0.015	0.016	0.017
9/20/2016	9:50:43	0.015	0.015	0.016	0.016	0.016
9/20/2016	9:51:43	0.015	0.015	0.015	0.016	0.016
9/20/2016	9:52:43	0.015	0.015	0.015	0.016	0.017
9/20/2016	9:53:43	0.015	0.015	0.016	0.016	0.016
9/20/2016	9:54:43	0.015	0.015	0.016	0.016	0.016
9/20/2016	9:55:43	0.015	0.015	0.015	0.016	0.016
9/20/2016	9:56:43	0.015	0.015	0.016	0.017	0.017
9/20/2016	9:57:43	0.015	0.015	0.016	0.016	0.017
9/20/2016	9:58:43	0.015	0.016	0.016	0.017	0.017
9/20/2016	9:59:43	0.015	0.016	0.016	0.017	0.017
9/20/2016	10:00:43	0.015	0.015	0.016	0.016	0.016
9/20/2016	10:01:43	0.015	0.015	0.015	0.016	0.016
9/20/2016	10:02:43	0.015	0.015	0.016	0.016	0.016
9/20/2016	10:03:43	0.015	0.016	0.016	0.017	0.017
9/20/2016	10:04:43	0.015	0.016	0.016	0.017	0.017
9/20/2016	10:05:43	0.015	0.016	0.016	0.017	0.018
9/20/2016	10:06:43	0.015	0.016	0.016	0.017	0.017
9/20/2016	10:07:43	0.016	0.016	0.016	0.017	0.017
9/20/2016	10:08:43	0.015	0.016	0.016	0.017	0.017
9/20/2016	10:09:43	0.016	0.016	0.017	0.018	0.018
9/20/2016	10:10:43	0.015	0.015	0.016	0.016	0.016
9/20/2016	10:11:43	0.015	0.016	0.016	0.018	0.018
9/20/2016	10:12:43	0.015	0.015	0.016	0.016	0.017
9/20/2016	10:13:43	0.015	0.015	0.016	0.016	0.016
9/20/2016	10:14:43	0.015	0.015	0.016	0.017	0.017
9/20/2016	10:15:43	0.015	0.015	0.015	0.015	0.016
9/20/2016	10:16:43	0.018	0.018	0.019	0.02	0.02
9/20/2016	10:17:43	0.014	0.014	0.015	0.015	0.015
9/20/2016	10:18:43	0.014	0.015	0.015	0.015	0.016
9/20/2016	10:19:43	0.014	0.014	0.014	0.015	0.015
9/20/2016	10:20:43	0.014	0.014	0.014	0.015	0.015
9/20/2016	10:21:43	0.014	0.014	0.015	0.015	0.015
9/20/2016	10:22:43	0.014	0.014	0.014	0.015	0.015
9/20/2016	10:23:43	0.014	0.014	0.014	0.015	0.015
9/20/2016	10:24:43	0.013	0.014	0.014	0.015	0.015
9/20/2016	10:25:43	0.013	0.014	0.014	0.015	0.015
9/20/2016	10:26:43	0.013	0.013	0.013	0.014	0.014
9/20/2016	10:27:43	0.013	0.013	0.013	0.014	0.014
9/20/2016	10:28:43	0.013	0.014	0.014	0.015	0.015
9/20/2016	10:29:43	0.013	0.013	0.014	0.015	0.015
9/20/2016	10:30:43	0.014	0.014	0.015	0.015	0.015
9/20/2016	10:31:43	0.021	0.022	0.022	0.023	0.023
9/20/2016	10:32:43	0.014	0.014	0.015	0.015	0.015
9/20/2016	10:33:43	0.014	0.014	0.015	0.015	0.016
9/20/2016	10:34:43	0.014	0.014	0.014	0.015	0.015
9/20/2016	10:35:43	0.014	0.014	0.014	0.015	0.015
9/20/2016	10:36:43	0.014	0.014	0.015	0.016	0.016
9/20/2016	10:37:43	0.014	0.014	0.015	0.015	0.016
9/20/2016	10:38:43	0.014	0.014	0.014	0.015	0.015
9/20/2016	10:39:43	0.013	0.014	0.014	0.015	0.015
9/20/2016	10:40:43	0.013	0.014	0.014	0.014	0.015
9/20/2016	10:41:43	0.013	0.013	0.014	0.014	0.014
9/20/2016	10:42:43	0.013	0.013	0.014	0.014	0.015
9/20/2016	10:43:43	0.013	0.013	0.013	0.014	0.014

9/20/2016	10:44:43	0.013	0.013	0.014	0.014	0.014
9/20/2016	10:45:43	0.013	0.013	0.013	0.014	0.014
9/20/2016	10:46:43	0.013	0.013	0.014	0.015	0.015
9/20/2016	10:47:43	0.013	0.014	0.014	0.015	0.015
9/20/2016	10:48:43	0.014	0.014	0.014	0.015	0.015
9/20/2016	10:49:43	0.014	0.014	0.015	0.016	0.016
9/20/2016	10:50:43	0.014	0.014	0.014	0.015	0.015
9/20/2016	10:51:43	0.014	0.014	0.014	0.015	0.016
9/20/2016	10:52:43	0.022	0.022	0.022	0.023	0.023
9/20/2016	10:53:43	0.015	0.015	0.015	0.016	0.016
9/20/2016	10:54:43	0.013	0.014	0.014	0.015	0.015
9/20/2016	10:55:43	0.013	0.014	0.014	0.014	0.015
9/20/2016	10:56:43	0.024	0.025	0.025	0.026	0.026
9/20/2016	10:57:43	0.013	0.014	0.014	0.015	0.015
9/20/2016	10:58:43	0.014	0.014	0.014	0.016	0.016
9/20/2016	10:59:43	0.013	0.014	0.014	0.015	0.015
9/20/2016	11:00:43	0.013	0.013	0.014	0.015	0.015
9/20/2016	11:01:43	0.013	0.014	0.014	0.015	0.015
9/20/2016	11:02:43	0.014	0.014	0.014	0.015	0.015
9/20/2016	11:03:43	0.013	0.013	0.014	0.014	0.014
9/20/2016	11:04:43	0.014	0.014	0.015	0.015	0.016
9/20/2016	11:05:43	0.013	0.014	0.014	0.014	0.014
9/20/2016	11:06:43	0.014	0.014	0.014	0.015	0.015
9/20/2016	11:07:43	0.014	0.014	0.014	0.015	0.015
9/20/2016	11:08:43	0.014	0.014	0.014	0.015	0.015
9/20/2016	11:09:43	0.014	0.014	0.015	0.015	0.015
9/20/2016	11:10:43	0.014	0.014	0.014	0.015	0.015
9/20/2016	11:11:43	0.014	0.014	0.014	0.015	0.016
9/20/2016	11:12:43	0.014	0.014	0.014	0.015	0.015
9/20/2016	11:13:43	0.014	0.014	0.015	0.016	0.016
9/20/2016	11:14:43	0.014	0.014	0.014	0.015	0.015
9/20/2016	11:15:43	0.014	0.014	0.014	0.015	0.015
9/20/2016	11:16:43	0.014	0.014	0.014	0.015	0.015
9/20/2016	11:17:43	0.013	0.013	0.014	0.014	0.015
9/20/2016	11:18:43	0.013	0.013	0.014	0.015	0.015
9/20/2016	11:19:43	0.013	0.014	0.014	0.015	0.015
9/20/2016	11:20:43	0.013	0.014	0.014	0.015	0.016
9/20/2016	11:21:43	0.013	0.013	0.014	0.015	0.017
9/20/2016	11:22:43	0.013	0.013	0.013	0.014	0.015
9/20/2016	11:23:43	0.013	0.013	0.014	0.015	0.015
9/20/2016	11:24:43	0.013	0.013	0.013	0.014	0.015
9/20/2016	11:25:43	0.012	0.013	0.013	0.014	0.014
9/20/2016	11:26:43	0.012	0.012	0.013	0.013	0.013
9/20/2016	11:27:43	0.012	0.012	0.012	0.013	0.013
9/20/2016	11:28:43	0.012	0.012	0.012	0.013	0.013
9/20/2016	11:29:43	0.012	0.012	0.012	0.013	0.013
9/20/2016	11:30:43	0.012	0.012	0.012	0.013	0.013
9/20/2016	11:31:43	0.012	0.012	0.012	0.013	0.014
9/20/2016	11:32:43	0.012	0.012	0.013	0.014	0.014
9/20/2016	11:33:43	0.012	0.012	0.012	0.014	0.014
9/20/2016	11:34:43	0.012	0.012	0.013	0.014	0.015
9/20/2016	11:35:43	0.011	0.012	0.012	0.013	0.013
9/20/2016	11:36:43	0.011	0.011	0.012	0.012	0.013
9/20/2016	11:37:43	0.011	0.011	0.012	0.013	0.013
9/20/2016	11:38:43	0.011	0.011	0.011	0.012	0.012
9/20/2016	11:39:43	0.011	0.012	0.012	0.014	0.014
9/20/2016	11:40:43	0.011	0.011	0.012	0.013	0.013
9/20/2016	11:41:43	0.011	0.011	0.011	0.012	0.012
9/20/2016	11:42:43	0.011	0.011	0.012	0.012	0.012
9/20/2016	11:43:43	0.012	0.012	0.013	0.014	0.014
9/20/2016	11:44:43	0.011	0.011	0.011	0.012	0.012
9/20/2016	11:45:43	0.011	0.011	0.012	0.012	0.013
9/20/2016	11:46:43	0.01	0.011	0.011	0.012	0.012
9/20/2016	11:47:43	0.011	0.011	0.011	0.012	0.013
9/20/2016	11:48:43	0.01	0.011	0.011	0.012	0.012
9/20/2016	11:49:43	0.011	0.011	0.012	0.013	0.013
9/20/2016	11:50:43	0.011	0.011	0.012	0.012	0.014
9/20/2016	11:51:43	0.011	0.011	0.011	0.012	0.012
9/20/2016	11:52:43	0.011	0.011	0.011	0.012	0.012
9/20/2016	11:53:43	0.011	0.011	0.012	0.012	0.013
9/20/2016	11:54:43	0.011	0.011	0.011	0.013	0.013
9/20/2016	11:55:43	0.011	0.011	0.012	0.012	0.013
9/20/2016	11:56:43	0.01	0.01	0.011	0.012	0.012
9/20/2016	11:57:43	0.01	0.011	0.011	0.012	0.012
9/20/2016	11:58:43	0.011	0.011	0.011	0.012	0.012
9/20/2016	11:59:43	0.01	0.011	0.011	0.012	0.012
9/20/2016	12:00:43	0.01	0.011	0.011	0.012	0.012

9/20/2016	12:01:43	0.011	0.011	0.011	0.011	0.012
9/20/2016	12:02:43	0.01	0.011	0.011	0.011	0.011
9/20/2016	12:03:43	0.01	0.011	0.011	0.012	0.012
9/20/2016	12:04:43	0.01	0.011	0.011	0.012	0.013
9/20/2016	12:05:43	0.01	0.01	0.01	0.011	0.012
9/20/2016	12:06:43	0.01	0.01	0.011	0.011	0.012
9/20/2016	12:07:43	0.01	0.01	0.01	0.011	0.011
9/20/2016	12:08:43	0.01	0.01	0.011	0.011	0.011
9/20/2016	12:09:43	0.01	0.01	0.01	0.011	0.012
9/20/2016	12:10:43	0.01	0.011	0.011	0.012	0.012
9/20/2016	12:11:43	0.01	0.01	0.01	0.011	0.012
9/20/2016	12:12:43	0.01	0.01	0.01	0.011	0.012
9/20/2016	12:13:43	0.01	0.01	0.01	0.011	0.011
9/20/2016	12:14:43	0.011	0.011	0.011	0.012	0.013
9/20/2016	12:15:43	0.01	0.011	0.011	0.012	0.012
9/20/2016	12:16:43	0.01	0.01	0.01	0.01	0.011
9/20/2016	12:17:43	0.01	0.01	0.01	0.011	0.011
9/20/2016	12:18:43	0.01	0.01	0.011	0.012	0.012
9/20/2016	12:19:43	0.01	0.01	0.01	0.011	0.011
9/20/2016	12:20:43	0.01	0.01	0.01	0.011	0.012
9/20/2016	12:21:43	0.01	0.01	0.01	0.011	0.011
9/20/2016	12:22:43	0.01	0.011	0.011	0.012	0.012
9/20/2016	12:23:43	0.01	0.01	0.01	0.011	0.012
9/20/2016	12:24:43	0.01	0.01	0.011	0.011	0.012
9/20/2016	12:25:43	0.01	0.011	0.011	0.012	0.013
9/20/2016	12:26:43	0.01	0.01	0.01	0.011	0.011
9/20/2016	12:27:43	0.01	0.01	0.01	0.011	0.011
9/20/2016	12:28:43	0.01	0.01	0.011	0.012	0.012
9/20/2016	12:29:43	0.01	0.01	0.011	0.011	0.011
9/20/2016	12:30:43	0.01	0.01	0.01	0.011	0.011
9/20/2016	12:31:43	0.01	0.01	0.01	0.011	0.012
9/20/2016	12:32:43	0.01	0.01	0.01	0.011	0.011
9/20/2016	12:33:43	0.01	0.01	0.01	0.011	0.011
9/20/2016	12:34:43	0.01	0.01	0.01	0.011	0.012
9/20/2016	12:35:43	0.01	0.01	0.01	0.011	0.011
9/20/2016	12:36:43	0.01	0.01	0.01	0.011	0.011
9/20/2016	12:37:43	0.01	0.01	0.011	0.012	0.012
9/20/2016	12:38:43	0.01	0.01	0.01	0.011	0.011
9/20/2016	12:39:43	0.01	0.01	0.01	0.011	0.012
9/20/2016	12:40:43	0.01	0.01	0.01	0.011	0.011
9/20/2016	12:41:43	0.01	0.01	0.01	0.011	0.011
9/20/2016	12:42:43	0.01	0.01	0.01	0.011	0.012
9/20/2016	12:43:43	0.01	0.01	0.01	0.011	0.011
9/20/2016	12:44:43	0.009	0.009	0.01	0.01	0.01
9/20/2016	12:45:43	0.009	0.009	0.009	0.01	0.01
9/20/2016	12:46:43	0.009	0.009	0.009	0.01	0.01
9/20/2016	12:47:43	0.009	0.01	0.01	0.011	0.011
9/20/2016	12:48:43	0.009	0.009	0.01	0.01	0.01
9/20/2016	12:49:43	0.009	0.009	0.009	0.01	0.01
9/20/2016	12:50:43	0.009	0.01	0.01	0.01	0.011
9/20/2016	12:51:43	0.009	0.009	0.01	0.01	0.01
9/20/2016	12:52:43	0.009	0.009	0.009	0.01	0.01
9/20/2016	12:53:43	0.009	0.009	0.01	0.01	0.01
9/20/2016	12:54:43	0.009	0.009	0.01	0.01	0.01
9/20/2016	12:55:43	0.009	0.01	0.01	0.011	0.011
9/20/2016	12:56:43	0.01	0.01	0.01	0.011	0.012
9/20/2016	12:57:43	0.009	0.01	0.01	0.011	0.011
9/20/2016	12:58:43	0.009	0.009	0.01	0.01	0.01
9/20/2016	12:59:43	0.009	0.009	0.009	0.01	0.01
9/20/2016	13:00:43	0.009	0.01	0.01	0.01	0.01
9/20/2016	13:01:43	0.009	0.009	0.01	0.011	0.011
9/20/2016	13:02:43	0.009	0.009	0.01	0.01	0.01
9/20/2016	13:03:43	0.009	0.01	0.01	0.011	0.011
9/20/2016	13:04:43	0.009	0.01	0.01	0.01	0.011
9/20/2016	13:05:43	0.009	0.01	0.01	0.011	0.011
9/20/2016	13:06:43	0.01	0.01	0.01	0.011	0.011
9/20/2016	13:07:43	0.009	0.01	0.01	0.011	0.011
9/20/2016	13:08:43	0.009	0.01	0.01	0.01	0.011
9/20/2016	13:09:43	0.009	0.009	0.01	0.01	0.01
9/20/2016	13:10:43	0.009	0.01	0.01	0.01	0.01
9/20/2016	13:11:43	0.009	0.009	0.009	0.01	0.01
9/20/2016	13:12:43	0.009	0.009	0.01	0.01	0.01
9/20/2016	13:13:43	0.009	0.009	0.01	0.01	0.01
9/20/2016	13:14:43	0.009	0.009	0.009	0.01	0.01
9/20/2016	13:15:43	0.009	0.009	0.009	0.01	0.01
9/20/2016	13:16:43	0.009	0.009	0.009	0.01	0.01
9/20/2016	13:17:43	0.009	0.009	0.009	0.01	0.011

9/20/2016	13:18:43	0.009	0.009	0.009	0.01	0.01
9/20/2016	13:19:43	0.008	0.009	0.009	0.009	0.009
9/20/2016	13:20:43	0.009	0.009	0.009	0.01	0.01
9/20/2016	13:21:43	0.009	0.009	0.01	0.01	0.011
9/20/2016	13:22:43	0.009	0.009	0.009	0.01	0.01
9/20/2016	13:23:43	0.009	0.009	0.009	0.01	0.01
9/20/2016	13:24:43	0.008	0.008	0.009	0.009	0.009
9/20/2016	13:25:43	0.008	0.009	0.009	0.01	0.01
9/20/2016	13:26:43	0.008	0.009	0.009	0.009	0.009
9/20/2016	13:27:43	0.009	0.009	0.009	0.01	0.01
9/20/2016	13:28:43	0.008	0.009	0.009	0.01	0.01
9/20/2016	13:29:43	0.008	0.009	0.009	0.009	0.009
9/20/2016	13:30:43	0.009	0.009	0.009	0.009	0.009
9/20/2016	13:31:43	0.009	0.009	0.009	0.01	0.0
9/20/2016	13:32:43	0.008	0.009	0.009	0.009	0.009
9/20/2016	13:33:43	0.009	0.009	0.009	0.01	0.01
9/20/2016	13:34:43	0.009	0.009	0.009	0.01	0.01
9/20/2016	13:35:43	0.008	0.008	0.008	0.009	0.009
9/20/2016	13:36:43	0.008	0.008	0.009	0.009	0.009
9/20/2016	13:37:43	0.008	0.009	0.009	0.01	0.01
9/20/2016	13:38:43	0.008	0.008	0.008	0.009	0.009
9/20/2016	13:39:43	0.008	0.008	0.009	0.009	0.01
9/20/2016	13:40:43	0.008	0.008	0.008	0.009	0.009
9/20/2016	13:41:43	0.008	0.008	0.009	0.009	0.01
9/20/2016	13:42:43	0.008	0.008	0.008	0.009	0.009
9/20/2016	13:43:43	0.008	0.008	0.008	0.009	0.009
9/20/2016	13:44:43	0.008	0.008	0.008	0.009	0.009
9/20/2016	13:45:43	0.008	0.008	0.008	0.009	0.01
9/20/2016	13:46:43	0.008	0.008	0.008	0.009	0.009
9/20/2016	13:47:43	0.007	0.008	0.008	0.009	0.009
9/20/2016	13:48:43	0.008	0.008	0.008	0.009	0.009
9/20/2016	13:49:43	0.008	0.008	0.009	0.01	0.01
9/20/2016	13:50:43	0.008	0.008	0.008	0.008	0.009
9/20/2016	13:51:43	0.008	0.009	0.009	0.011	0.011
9/20/2016	13:52:43	0.008	0.008	0.009	0.01	0.01
9/20/2016	13:53:43	0.007	0.008	0.008	0.008	0.008
9/20/2016	13:54:43	0.008	0.008	0.008	0.009	0.009
9/20/2016	13:55:43	0.007	0.008	0.008	0.008	0.008
9/20/2016	13:56:43	0.007	0.007	0.008	0.008	0.008
9/20/2016	13:57:43	0.008	0.008	0.008	0.009	0.009
9/20/2016	13:58:43	0.008	0.008	0.009	0.009	0.01
9/20/2016	13:59:43	0.008	0.008	0.008	0.009	0.009
9/20/2016	14:00:43	0.007	0.008	0.008	0.008	0.008
9/20/2016	14:01:43	0.007	0.007	0.008	0.008	0.008
9/20/2016	14:02:43	0.007	0.007	0.008	0.009	0.009
9/20/2016	14:03:43	0.008	0.008	0.008	0.008	0.008
9/20/2016	14:04:43	0.007	0.008	0.008	0.008	0.009
9/20/2016	14:05:43	0.008	0.008	0.008	0.009	0.009
9/20/2016	14:06:43	0.007	0.007	0.007	0.008	0.009
9/20/2016	14:07:43	0.007	0.007	0.008	0.008	0.009
9/20/2016	14:08:43	0.007	0.008	0.008	0.009	0.009</

9/20/2016	14:35:43	0.007	0.007	0.007	0.008	0.008
9/20/2016	14:36:43	0.007	0.007	0.008	0.008	0.008
9/20/2016	14:37:43	0.008	0.008	0.008	0.009	0.01
9/20/2016	14:38:43	0.007	0.007	0.008	0.008	0.008
9/20/2016	14:39:43	0.007	0.007	0.008	0.008	0.008
9/20/2016	14:40:43	0.007	0.007	0.007	0.008	0.008
9/20/2016	14:41:43	0.007	0.007	0.007	0.008	0.008
9/20/2016	14:42:43	0.007	0.007	0.008	0.009	0.009
9/20/2016	14:43:43	0.007	0.007	0.008	0.008	0.008
9/20/2016	14:44:43	0.007	0.007	0.007	0.008	0.009
9/20/2016	14:45:43	0.007	0.007	0.008	0.008	0.009
9/20/2016	14:46:43	0.007	0.007	0.007	0.008	0.008
9/20/2016	14:47:43	0.007	0.007	0.007	0.008	0.008
9/20/2016	14:48:43	0.007	0.007	0.008	0.008	0.009
9/20/2016	14:49:43	0.007	0.007	0.008	0.008	0.008
9/20/2016	14:50:43	0.007	0.007	0.007	0.008	0.009
9/20/2016	14:51:43	0.007	0.007	0.008	0.008	0.008
9/20/2016	14:52:43	0.007	0.007	0.007	0.008	0.008
9/20/2016	14:53:43	0.007	0.007	0.008	0.009	0.009
9/20/2016	14:54:43	0.01	0.011	0.012	0.017	0.017
9/20/2016	14:55:43	0.008	0.009	0.01	0.011	0.012
9/20/2016	14:56:43	0.009	0.009	0.01	0.013	0.014
9/20/2016	14:57:43	0.012	0.013	0.015	0.025	0.025
9/20/2016	14:58:43	0.012	0.013	0.014	0.021	0.021

Model: DustTrak DRX
Model Number: 8533
Serial Number: 8533161707
Test ID: 3
Test Abbreviation: MANUAL_003
Start Date: 9/21/2016
Start Time: 7:24:48
Duration (dd:hh:mm:ss): 0:07:53:00
Log Interval (mm:ss): 1:00
Number of points: 473
Notes:

Statistics	Channel:	PM1	PM2.5	RESP	PM10	TOTAL
	Units:	mg/m^3	mg/m^3	mg/m^3	mg/m^3	mg/m^3
	Average:	0.008	0.009	0.01	0.013	0.014
	Minimum:	0.003	0.003	0.003	0.004	0.004
	Time of Minimum:	12:25:48	13:54:48	14:01:48	12:25:48	12:25:48
	Date of Minimum:	9/21/2016	9/21/2016	9/21/2016	9/21/2016	9/21/2016
	Maximum:	0.211	0.238	0.29	0.535	0.599
	Time of Maximum:	8:02:48	8:02:48	8:02:48	8:02:48	8:02:48
	Date of Maximum:	9/21/2016	9/21/2016	9/21/2016	9/21/2016	9/21/2016

Calibration

Sensor:	AEROSOL
Cal. date	7/14/2016

Date	Time	PM1	PM2.5	RESP	PM10	TOTAL
MM/dd/yyyy	hh:mm:ss	mg/m^3	mg/m^3	mg/m^3	mg/m^3	mg/m^3
9/21/2016	7:25:48	0.009	0.01	0.01	0.012	0.012
9/21/2016	7:26:48	0.01	0.011	0.012	0.013	0.015
9/21/2016	7:27:48	0.01	0.01	0.011	0.013	0.014
9/21/2016	7:28:48	0.01	0.011	0.012	0.015	0.015
9/21/2016	7:29:48	0.014	0.015	0.017	0.022	0.024
9/21/2016	7:30:48	0.013	0.014	0.016	0.02	0.022
9/21/2016	7:31:48	0.025	0.028	0.033	0.048	0.052
9/21/2016	7:32:48	0.012	0.013	0.014	0.016	0.017
9/21/2016	7:33:48	0.011	0.012	0.013	0.015	0.017
9/21/2016	7:34:48	0.011	0.012	0.012	0.014	0.014
9/21/2016	7:35:48	0.01	0.011	0.011	0.013	0.013
9/21/2016	7:36:48	0.009	0.01	0.01	0.011	0.012
9/21/2016	7:37:48	0.009	0.009	0.01	0.011	0.013
9/21/2016	7:38:48	0.01	0.01	0.011	0.013	0.013
9/21/2016	7:39:48	0.011	0.011	0.013	0.016	0.017
9/21/2016	7:40:48	0.01	0.01	0.011	0.013	0.014
9/21/2016	7:41:48	0.009	0.01	0.01	0.011	0.012
9/21/2016	7:42:48	0.009	0.009	0.01	0.011	0.011
9/21/2016	7:43:48	0.008	0.009	0.01	0.01	0.01
9/21/2016	7:44:48	0.008	0.009	0.009	0.01	0.01
9/21/2016	7:45:48	0.01	0.01	0.011	0.013	0.013
9/21/2016	7:46:48	0.013	0.014	0.015	0.018	0.02
9/21/2016	7:47:48	0.014	0.015	0.016	0.021	0.022
9/21/2016	7:48:48	0.011	0.012	0.013	0.016	0.017
9/21/2016	7:49:48	0.01	0.011	0.012	0.014	0.014
9/21/2016	7:50:48	0.012	0.012	0.013	0.015	0.015
9/21/2016	7:51:48	0.012	0.012	0.013	0.014	0.015
9/21/2016	7:52:48	0.011	0.012	0.012	0.013	0.014
9/21/2016	7:53:48	0.011	0.011	0.012	0.013	0.013
9/21/2016	7:54:48	0.011	0.012	0.012	0.013	0.013
9/21/2016	7:55:48	0.011	0.012	0.013	0.014	0.014
9/21/2016	7:56:48	0.011	0.011	0.012	0.013	0.013
9/21/2016	7:57:48	0.011	0.011	0.012	0.012	0.013
9/21/2016	7:58:48	0.011	0.012	0.012	0.013	0.013
9/21/2016	7:59:48	0.012	0.013	0.013	0.014	0.015
9/21/2016	8:00:48	0.012	0.012	0.013	0.015	0.015
9/21/2016	8:01:48	0.012	0.012	0.013	0.014	0.015
9/21/2016	8:02:48	0.211	0.238	0.29	0.535	0.599
9/21/2016	8:03:48	0.149	0.168	0.206	0.382	0.432
9/21/2016	8:04:48	0.057	0.063	0.074	0.126	0.143
9/21/2016	8:05:48	0.051	0.057	0.067	0.114	0.129
9/21/2016	8:06:48	0.048	0.053	0.062	0.111	0.123
9/21/2016	8:07:48	0.034	0.037	0.043	0.069	0.075
9/21/2016	8:08:48	0.021	0.023	0.026	0.039	0.042
9/21/2016	8:09:48	0.025	0.028	0.031	0.05	0.052
9/21/2016	8:10:48	0.023	0.025	0.028	0.042	0.044
9/21/2016	8:11:48	0.114	0.127	0.154	0.284	0.318
9/21/2016	8:12:48	0.138	0.155	0.19	0.36	0.401

9/21/2016	8:13:48	0.073	0.082	0.1	0.179	0.199
9/21/2016	8:14:48	0.072	0.08	0.097	0.175	0.2
9/21/2016	8:15:48	0.057	0.062	0.074	0.135	0.151
9/21/2016	8:16:48	0.056	0.062	0.074	0.132	0.151
9/21/2016	8:17:48	0.033	0.037	0.044	0.074	0.083
9/21/2016	8:18:48	0.02	0.022	0.026	0.041	0.045
9/21/2016	8:19:48	0.015	0.016	0.017	0.024	0.025
9/21/2016	8:20:48	0.011	0.011	0.012	0.014	0.015
9/21/2016	8:21:48	0.01	0.011	0.011	0.013	0.013
9/21/2016	8:22:48	0.01	0.01	0.011	0.012	0.012
9/21/2016	8:23:48	0.01	0.011	0.012	0.013	0.013
9/21/2016	8:24:48	0.011	0.012	0.012	0.014	0.014
9/21/2016	8:25:48	0.009	0.009	0.01	0.011	0.011
9/21/2016	8:26:48	0.008	0.009	0.01	0.011	0.012
9/21/2016	8:27:48	0.008	0.008	0.009	0.01	0.01
9/21/2016	8:28:48	0.007	0.008	0.008	0.009	0.01
9/21/2016	8:29:48	0.007	0.007	0.008	0.008	0.008
9/21/2016	8:30:48	0.007	0.007	0.007	0.008	0.009
9/21/2016	8:31:48	0.007	0.008	0.008	0.01	0.012
9/21/2016	8:32:48	0.007	0.007	0.008	0.009	0.01
9/21/2016	8:33:48	0.007	0.007	0.008	0.009	0.009
9/21/2016	8:34:48	0.007	0.007	0.007	0.009	0.01
9/21/2016	8:35:48	0.007	0.007	0.007	0.008	0.009
9/21/2016	8:36:48	0.007	0.007	0.007	0.009	0.009
9/21/2016	8:37:48	0.006	0.007	0.007	0.008	0.008
9/21/2016	8:38:48	0.007	0.007	0.007	0.008	0.009
9/21/2016	8:39:48	0.007	0.007	0.008	0.008	0.009
9/21/2016	8:40:48	0.007	0.008	0.008	0.009	0.01
9/21/2016	8:41:48	0.007	0.008	0.008	0.01	0.01
9/21/2016	8:42:48	0.007	0.008	0.008	0.009	0.01
9/21/2016	8:43:48	0.007	0.007	0.008	0.008	0.009
9/21/2016	8:44:48	0.007	0.008	0.008	0.01	0.01
9/21/2016	8:45:48	0.006	0.007	0.007	0.008	0.009
9/21/2016	8:46:48	0.006	0.007	0.007	0.008	0.008
9/21/2016	8:47:48	0.006	0.007	0.007	0.008	0.009
9/21/2016	8:48:48	0.006	0.007	0.007	0.008	0.008
9/21/2016	8:49:48	0.006	0.006	0.007	0.008	0.008
9/21/2016	8:50:48	0.007	0.007	0.007	0.008	0.009
9/21/2016	8:51:48	0.006	0.006	0.007	0.007	0.007
9/21/2016	8:52:48	0.006	0.006	0.007	0.008	0.008
9/21/2016	8:53:48	0.006	0.007	0.007	0.008	0.008
9/21/2016	8:54:48	0.006	0.007	0.007	0.008	0.008
9/21/2016	8:55:48	0.006	0.006	0.007	0.008	0.008
9/21/2016	8:56:48	0.006	0.007	0.007	0.008	0.008
9/21/2016	8:57:48	0.006	0.006	0.007	0.008	0.008
9/21/2016	8:58:48	0.006	0.007	0.007	0.007	0.008
9/21/2016	8:59:48	0.006	0.007	0.007	0.008	0.008
9/21/2016	9:00:48	0.006	0.006	0.007	0.007	0.008
9/21/2016	9:01:48	0.006	0.007	0.007	0.008	0.008
9/21/2016	9:02:48	0.007	0.007	0.007	0.008	0.009
9/21/2016	9:03:48	0.006	0.007	0.007	0.008	0.008
9/21/2016	9:04:48	0.006	0.006	0.007	0.008	0.008
9/21/2016	9:05:48	0.006	0.007	0.007	0.008	0.008
9/21/2016	9:06:48	0.006	0.006	0.007	0.008	0.008
9/21/2016	9:07:48	0.006	0.007	0.007	0.008	0.008
9/21/2016	9:08:48	0.006	0.007	0.007	0.008	0.008
9/21/2016	9:09:48	0.006	0.006	0.007	0.007	0.007
9/21/2016	9:10:48	0.006	0.006	0.007	0.008	0.008
9/21/2016	9:11:48	0.006	0.006	0.007	0.007	0.007
9/21/2016	9:12:48	0.006	0.007	0.007	0.008	0.008
9/21/2016	9:13:48	0.006	0.006	0.007	0.007	0.008
9/21/2016	9:14:48	0.006	0.007	0.007	0.008	0.009
9/21/2016	9:15:48	0.006	0.006	0.007	0.007	0.007
9/21/2016	9:16:48	0.006	0.007	0.007	0.008	0.009
9/21/2016	9:17:48	0.006	0.007	0.007	0.008	0.009
9/21/2016	9:18:48	0.007	0.007	0.007	0.008	0.009
9/21/2016	9:19:48	0.006	0.006	0.007	0.008	0.008
9/21/2016	9:20:48	0.006	0.006	0.007	0.008	0.008
9/21/2016	9:21:48	0.006	0.007	0.007	0.008	0.01
9/21/2016	9:22:48	0.014	0.015	0.016	0.018	0.02
9/21/2016	9:23:48	0.008	0.008	0.009	0.01	0.011
9/21/2016	9:24:48	0.006	0.006	0.007	0.008	0.009
9/21/2016	9:25:48	0.006	0.006	0.007	0.007	0.008
9/21/2016	9:26:48	0.006	0.006	0.007	0.008	0.008
9/21/2016	9:27:48	0.006	0.006	0.007	0.008	0.008
9/21/2016	9:28:48	0.006	0.006	0.007	0.008	0.008
9/21/2016	9:29:48	0.006	0.006	0.007	0.008	0.009

9/21/2016	9:30:48	0.006	0.006	0.007	0.008	0.008
9/21/2016	9:31:48	0.006	0.006	0.007	0.007	0.007
9/21/2016	9:32:48	0.006	0.006	0.007	0.007	0.008
9/21/2016	9:33:48	0.006	0.007	0.007	0.008	0.009
9/21/2016	9:34:48	0.007	0.007	0.007	0.009	0.009
9/21/2016	9:35:48	0.006	0.007	0.007	0.008	0.008
9/21/2016	9:36:48	0.006	0.007	0.007	0.008	0.009
9/21/2016	9:37:48	0.007	0.007	0.007	0.009	0.009
9/21/2016	9:38:48	0.007	0.007	0.007	0.008	0.008
9/21/2016	9:39:48	0.006	0.006	0.007	0.007	0.008
9/21/2016	9:40:48	0.006	0.007	0.007	0.008	0.008
9/21/2016	9:41:48	0.006	0.006	0.007	0.008	0.008
9/21/2016	9:42:48	0.006	0.006	0.007	0.008	0.008
9/21/2016	9:43:48	0.006	0.006	0.007	0.008	0.008
9/21/2016	9:44:48	0.006	0.007	0.007	0.009	0.009
9/21/2016	9:45:48	0.006	0.006	0.006	0.007	0.007
9/21/2016	9:46:48	0.006	0.007	0.007	0.008	0.009
9/21/2016	9:47:48	0.006	0.007	0.007	0.008	0.008
9/21/2016	9:48:48	0.007	0.008	0.008	0.009	0.011
9/21/2016	9:49:48	0.006	0.006	0.007	0.008	0.008
9/21/2016	9:50:48	0.006	0.006	0.007	0.007	0.007
9/21/2016	9:51:48	0.006	0.006	0.007	0.008	0.008
9/21/2016	9:52:48	0.006	0.006	0.007	0.008	0.008
9/21/2016	9:53:48	0.006	0.006	0.006	0.007	0.007
9/21/2016	9:54:48	0.023	0.024	0.024	0.025	0.025
9/21/2016	9:55:48	0.008	0.008	0.009	0.01	0.01
9/21/2016	9:56:48	0.006	0.006	0.007	0.008	0.008
9/21/2016	9:57:48	0.006	0.006	0.006	0.007	0.007
9/21/2016	9:58:48	0.006	0.006	0.007	0.007	0.008
9/21/2016	9:59:48	0.006	0.007	0.007	0.008	0.009
9/21/2016	10:00:48	0.007	0.007	0.008	0.009	0.009
9/21/2016	10:01:48	0.011	0.012	0.013	0.017	0.018
9/21/2016	10:02:48	0.008	0.009	0.009	0.011	0.011
9/21/2016	10:03:48	0.007	0.007	0.007	0.008	0.009
9/21/2016	10:04:48	0.007	0.007	0.008	0.009	0.009
9/21/2016	10:05:48	0.007	0.007	0.008	0.009	0.009
9/21/2016	10:06:48	0.006	0.007	0.007	0.008	0.008
9/21/2016	10:07:48	0.006	0.006	0.007	0.008	0.008
9/21/2016	10:08:48	0.006	0.007	0.007	0.008	0.009
9/21/2016	10:09:48	0.006	0.007	0.007	0.008	0.01
9/21/2016	10:10:48	0.007	0.007	0.007	0.008	0.009
9/21/2016	10:11:48	0.007	0.007	0.007	0.008	0.008
9/21/2016	10:12:48	0.007	0.007	0.007	0.009	0.009
9/21/2016	10:13:48	0.007	0.007	0.008	0.009	0.01
9/21/2016	10:14:48	0.007	0.007	0.008	0.009	0.01
9/21/2016	10:15:48	0.007	0.007	0.008	0.009	0.009
9/21/2016	10:16:48	0.007	0.007	0.008	0.01	0.01
9/21/2016	10:17:48	0.007	0.007	0.007	0.009	0.009
9/21/2016	10:18:48	0.007	0.007	0.008	0.009	0.01
9/21/2016	10:19:48	0.007	0.007	0.007	0.009	0.009
9/21/2016	10:20:48	0.007	0.007	0.007	0.009	0.009
9/21/2016	10:21:48	0.007	0.007	0.008	0.009	0.009
9/21/2016	10:22:48	0.007	0.007	0.008	0.009	0.01
9/21/2016	10:23:48	0.007	0.007	0.008	0.009	0.009
9/21/2016	10:24:48	0.007	0.007	0.007	0.009	0.009
9/21/2016	10:25:48	0.007	0.007	0.008	0.008	0.009
9/21/2016	10:26:48	0.007	0.007	0.007	0.008	0.009
9/21/2016	10:27:48	0.007	0.008	0.008	0.009	0.009
9/21/2016	10:28:48	0.007	0.008	0.008	0.009	0.01
9/21/2016	10:29:48	0.007	0.007	0.007	0.009	0.009
9/21/2016	10:30:48	0.007	0.007	0.007	0.008	0.008
9/21/2016	10:31:48	0.007	0.007	0.008	0.009	0.01
9/21/2016	10:32:48	0.007	0.007	0.007	0.008	0.008
9/21/2016	10:33:48	0.007	0.007	0.008	0.008	0.008
9/21/2016	10:34:48	0.007	0.007	0.008	0.008	0.009
9/21/2016	10:35:48	0.007	0.007	0.008	0.008	0.008
9/21/2016	10:36:48	0.007	0.007	0.008	0.008	0.009
9/21/2016	10:37:48	0.007	0.007	0.008	0.009	0.009
9/21/2016	10:38:48	0.007	0.007	0.008	0.009	0.009
9/21/2016	10:39:48	0.007	0.007	0.007	0.009	0.009
9/21/2016	10:40:48	0.007	0.007	0.008	0.009	0.009
9/21/2016	10:41:48	0.007	0.007	0.007	0.008	0.008
9/21/2016	10:42:48	0.007	0.007	0.008	0.009	0.009
9/21/2016	10:43:48	0.007	0.007	0.007	0.008	0.008
9/21/2016	10:44:48	0.006	0.007	0.007	0.008	0.008
9/21/2016	10:45:48	0.006	0.007	0.007	0.008	0.008
9/21/2016	10:46:48	0.006	0.007	0.007	0.008	0.008

9/21/2016	10:47:48	0.007	0.007	0.008	0.009	0.009
9/21/2016	10:48:48	0.007	0.007	0.007	0.008	0.008
9/21/2016	10:49:48	0.007	0.007	0.008	0.009	0.009
9/21/2016	10:50:48	0.006	0.007	0.007	0.008	0.009
9/21/2016	10:51:48	0.006	0.007	0.007	0.008	0.008
9/21/2016	10:52:48	0.007	0.007	0.007	0.008	0.008
9/21/2016	10:53:48	0.007	0.007	0.007	0.009	0.009
9/21/2016	10:54:48	0.006	0.007	0.007	0.008	0.008
9/21/2016	10:55:48	0.006	0.007	0.007	0.008	0.008
9/21/2016	10:56:48	0.007	0.007	0.007	0.008	0.008
9/21/2016	10:57:48	0.007	0.007	0.007	0.008	0.008
9/21/2016	10:58:48	0.007	0.008	0.008	0.009	0.01
9/21/2016	10:59:48	0.007	0.007	0.007	0.008	0.009
9/21/2016	11:00:48	0.007	0.007	0.007	0.008	0.008
9/21/2016	11:01:48	0.007	0.007	0.007	0.008	0.009
9/21/2016	11:02:48	0.007	0.007	0.008	0.009	0.009
9/21/2016	11:03:48	0.007	0.007	0.007	0.008	0.009
9/21/2016	11:04:48	0.007	0.007	0.008	0.008	0.009
9/21/2016	11:05:48	0.007	0.008	0.008	0.009	0.01
9/21/2016	11:06:48	0.007	0.007	0.007	0.009	0.009
9/21/2016	11:07:48	0.007	0.007	0.007	0.008	0.008
9/21/2016	11:08:48	0.007	0.007	0.008	0.008	0.009
9/21/2016	11:09:48	0.007	0.007	0.007	0.008	0.008
9/21/2016	11:10:48	0.007	0.007	0.007	0.008	0.009
9/21/2016	11:11:48	0.007	0.007	0.008	0.009	0.009
9/21/2016	11:12:48	0.007	0.007	0.008	0.009	0.009
9/21/2016	11:13:48	0.007	0.007	0.008	0.009	0.009
9/21/2016	11:14:48	0.007	0.007	0.007	0.008	0.008
9/21/2016	11:15:48	0.007	0.007	0.008	0.008	0.008
9/21/2016	11:16:48	0.007	0.007	0.007	0.008	0.008
9/21/2016	11:17:48	0.007	0.007	0.008	0.008	0.008
9/21/2016	11:18:48	0.007	0.008	0.008	0.008	0.01
9/21/2016	11:19:48	0.007	0.007	0.007	0.008	0.008
9/21/2016	11:20:48	0.007	0.007	0.007	0.008	0.008
9/21/2016	11:21:48	0.007	0.007	0.008	0.009	0.009
9/21/2016	11:22:48	0.007	0.007	0.007	0.008	0.008
9/21/2016	11:23:48	0.007	0.007	0.007	0.008	0.009
9/21/2016	11:24:48	0.007	0.007	0.007	0.008	0.008
9/21/2016	11:25:48	0.006	0.007	0.007	0.008	0.008
9/21/2016	11:26:48	0.006	0.006	0.007	0.007	0.008
9/21/2016	11:27:48	0.006	0.007	0.007	0.008	0.009
9/21/2016	11:28:48	0.006	0.007	0.007	0.008	0.008
9/21/2016	11:29:48	0.007	0.007	0.007	0.008	0.008
9/21/2016	11:30:48	0.006	0.006	0.007	0.008	0.008
9/21/2016	11:31:48	0.006	0.007	0.007	0.008	0.009
9/21/2016	11:32:48	0.006	0.007	0.007	0.008	0.008
9/21/2016	11:33:48	0.006	0.006	0.007	0.009	0.009
9/21/2016	11:34:48	0.006	0.006	0.007	0.008	0.008
9/21/2016	11:35:48	0.006	0.006	0.006	0.008	0.008
9/21/2016	11:36:48	0.006	0.006	0.006	0.008	0.008
9/21/2016	11:37:48	0.005	0.006	0.006	0.008	0.008
9/21/2016	11:38:48	0.005	0.005	0.006	0.007	0.007
9/21/2016	11:39:48	0.005	0.006	0.006	0.007	0.007
9/21/2016	11:40:48	0.005	0.006	0.006	0.007	0.008
9/21/2016	11:41:48	0.005	0.005	0.006	0.006	0.006
9/21/2016	11:42:48	0.005	0.006	0.006	0.007	0.008
9/21/2016	11:43:48	0.005	0.005	0.006	0.007	0.008
9/21/2016	11:44:48	0.004	0.005	0.005	0.006	0.007
9/21/2016	11:45:48	0.005	0.005	0.005	0.006	0.007
9/21/2016	11:46:48	0.004	0.005	0.005	0.006	0.007
9/21/2016	11:47:48	0.004	0.004	0.005	0.006	0.006
9/21/2016	11:48:48	0.004	0.004	0.004	0.006	0.006
9/21/2016	11:49:48	0.004	0.004	0.005	0.006	0.006
9/21/2016	11:50:48	0.004	0.005	0.005	0.006	0.007
9/21/2016	11:51:48	0.005	0.005	0.005	0.006	0.008
9/21/2016	11:52:48	0.004	0.005	0.005	0.006	0.007
9/21/2016	11:53:48	0.004	0.005	0.005	0.006	0.007
9/21/2016	11:54:48	0.004	0.005	0.005	0.006	0.007
9/21/2016	11:55:48	0.004	0.004	0.005	0.006	0.006
9/21/2016	11:56:48	0.004	0.004	0.004	0.005	0.006
9/21/2016	11:57:48	0.004	0.004	0.005	0.006	0.006
9/21/2016	11:58:48	0.004	0.004	0.004	0.005	0.005
9/21/2016	11:59:48	0.004	0.004	0.005	0.006	0.006
9/21/2016	12:00:48	0.004	0.004	0.004	0.006	0.006
9/21/2016	12:01:48	0.004	0.004	0.005	0.006	0.006
9/21/2016	12:02:48	0.004	0.004	0.004	0.005	0.005
9/21/2016	12:03:48	0.004	0.004	0.004	0.005	0.005

9/21/2016	12:04:48	0.004	0.005	0.005	0.007	0.007
9/21/2016	12:05:48	0.004	0.004	0.005	0.006	0.007
9/21/2016	12:06:48	0.004	0.004	0.004	0.005	0.006
9/21/2016	12:07:48	0.004	0.004	0.005	0.006	0.006
9/21/2016	12:08:48	0.004	0.004	0.005	0.006	0.006
9/21/2016	12:09:48	0.004	0.004	0.005	0.006	0.006
9/21/2016	12:10:48	0.004	0.005	0.005	0.007	0.007
9/21/2016	12:11:48	0.004	0.004	0.005	0.006	0.006
9/21/2016	12:12:48	0.004	0.004	0.004	0.005	0.006
9/21/2016	12:13:48	0.004	0.004	0.004	0.005	0.005
9/21/2016	12:14:48	0.004	0.004	0.004	0.006	0.006
9/21/2016	12:15:48	0.004	0.004	0.004	0.005	0.006
9/21/2016	12:16:48	0.004	0.004	0.004	0.005	0.006
9/21/2016	12:17:48	0.004	0.004	0.004	0.005	0.005
9/21/2016	12:18:48	0.004	0.004	0.004	0.005	0.005
9/21/2016	12:19:48	0.004	0.004	0.004	0.005	0.005
9/21/2016	12:20:48	0.004	0.004	0.005	0.006	0.006
9/21/2016	12:21:48	0.004	0.004	0.005	0.006	0.006
9/21/2016	12:22:48	0.004	0.004	0.004	0.005	0.005
9/21/2016	12:23:48	0.004	0.004	0.004	0.005	0.006
9/21/2016	12:24:48	0.004	0.004	0.004	0.005	0.005
9/21/2016	12:25:48	0.003	0.004	0.004	0.004	0.004
9/21/2016	12:26:48	0.003	0.004	0.004	0.005	0.005
9/21/2016	12:27:48	0.004	0.004	0.004	0.005	0.005
9/21/2016	12:28:48	0.004	0.004	0.005	0.006	0.007
9/21/2016	12:29:48	0.004	0.004	0.004	0.005	0.006
9/21/2016	12:30:48	0.004	0.004	0.005	0.006	0.007
9/21/2016	12:31:48	0.004	0.004	0.005	0.006	0.006
9/21/2016	12:32:48	0.004	0.004	0.004	0.005	0.006
9/21/2016	12:33:48	0.004	0.004	0.005	0.005	0.006
9/21/2016	12:34:48	0.004	0.004	0.005	0.006	0.006
9/21/2016	12:35:48	0.004	0.004	0.004	0.005	0.005
9/21/2016	12:36:48	0.003	0.004	0.004	0.005	0.005
9/21/2016	12:37:48	0.004	0.004	0.004	0.005	0.005
9/21/2016	12:38:48	0.004	0.004	0.004	0.005	0.005
9/21/2016	12:39:48	0.004	0.004	0.004	0.005	0.005
9/21/2016	12:40:48	0.004	0.004	0.004	0.006	0.006
9/21/2016	12:41:48	0.004	0.004	0.005	0.006	0.006
9/21/2016	12:42:48	0.004	0.004	0.004	0.006	0.006
9/21/2016	12:43:48	0.004	0.004	0.004	0.006	0.006
9/21/2016	12:44:48	0.004	0.004	0.004	0.005	0.006
9/21/2016	12:45:48	0.004	0.004	0.005	0.006	0.006
9/21/2016	12:46:48	0.004	0.004	0.005	0.006	0.006
9/21/2016	12:47:48	0.004	0.004	0.005	0.006	0.007
9/21/2016	12:48:48	0.004	0.004	0.004	0.005	0.005
9/21/2016	12:49:48	0.004	0.004	0.004	0.006	0.006
9/21/2016	12:50:48	0.004	0.004	0.004	0.005	0.005
9/21/2016	12:51:48	0.004	0.004	0.004	0.005	0.006
9/21/2016	12:52:48	0.004	0.004	0.004	0.005	0.006
9/21/2016	12:53:48	0.004	0.004	0.005	0.006	0.006
9/21/2016	12:54:48	0.003	0.004	0.004	0.005	0.005
9/21/2016	12:55:48	0.004	0.004	0.004	0.005	0.005
9/21/2016	12:56:48	0.004	0.004	0.005	0.006	0.007
9/21/2016	12:57:48	0.004	0.004	0.004	0.005	0.005
9/21/2016	12:58:48	0.004	0.004	0.005	0.006	0.006
9/21/2016	12:59:48	0.003	0.004	0.004	0.005	0.005
9/21/2016	13:00:48	0.004	0.004	0.004	0.006	0.006
9/21/2016	13:01:48	0.004	0.004	0.005	0.006	0.006
9/21/2016	13:02:48	0.004	0.004	0.005	0.006	0.006
9/21/2016	13:03:48	0.004	0.004	0.005	0.006	0.006
9/21/2016	13:04:48	0.004	0.004	0.004	0.005	0.005
9/21/2016	13:05:48	0.004	0.004	0.005	0.006	0.007
9/21/2016	13:06:48	0.004	0.005	0.005	0.006	0.007
9/21/2016	13:07:48	0.004	0.004	0.004	0.006	0.007
9/21/2016	13:08:48	0.003	0.004	0.004	0.005	0.005
9/21/2016	13:09:48	0.004	0.004	0.004	0.005	0.006
9/21/2016	13:10:48	0.004	0.005	0.005	0.007	0.007
9/21/2016	13:11:48	0.004	0.004	0.005	0.006	0.006
9/21/2016	13:12:48	0.004	0.004	0.005	0.006	0.006
9/21/2016	13:13:48	0.005	0.005	0.005	0.006	0.007
9/21/2016	13:14:48	0.004	0.004	0.005	0.006	0.006
9/21/2016	13:15:48	0.004	0.004	0.004	0.005	0.005
9/21/2016	13:16:48	0.004	0.005	0.005	0.006	0.007
9/21/2016	13:17:48	0.004	0.004	0.005	0.005	0.006
9/21/2016	13:18:48	0.004	0.004	0.004	0.006	0.006
9/21/2016	13:19:48	0.004	0.004	0.005	0.006	0.006
9/21/2016	13:20:48	0.004	0.004	0.005	0.006	0.006

9/21/2016	13:21:48	0.004	0.004	0.004	0.005	0.005
9/21/2016	13:22:48	0.004	0.004	0.004	0.005	0.006
9/21/2016	13:23:48	0.004	0.004	0.004	0.005	0.005
9/21/2016	13:24:48	0.004	0.004	0.004	0.006	0.006
9/21/2016	13:25:48	0.004	0.004	0.004	0.006	0.006
9/21/2016	13:26:48	0.004	0.004	0.004	0.005	0.005
9/21/2016	13:27:48	0.004	0.004	0.005	0.006	0.007
9/21/2016	13:28:48	0.004	0.004	0.005	0.006	0.006
9/21/2016	13:29:48	0.004	0.004	0.004	0.005	0.006
9/21/2016	13:30:48	0.004	0.004	0.005	0.006	0.007
9/21/2016	13:31:48	0.004	0.004	0.004	0.006	0.006
9/21/2016	13:32:48	0.004	0.004	0.004	0.006	0.006
9/21/2016	13:33:48	0.004	0.004	0.004	0.005	0.005
9/21/2016	13:34:48	0.004	0.004	0.004	0.005	0.005
9/21/2016	13:35:48	0.004	0.004	0.004	0.005	0.006
9/21/2016	13:36:48	0.004	0.004	0.005	0.006	0.007
9/21/2016	13:37:48	0.004	0.004	0.004	0.006	0.006
9/21/2016	13:38:48	0.004	0.004	0.004	0.005	0.005
9/21/2016	13:39:48	0.004	0.004	0.004	0.006	0.006
9/21/2016	13:40:48	0.004	0.004	0.004	0.005	0.006
9/21/2016	13:41:48	0.004	0.004	0.005	0.006	0.006
9/21/2016	13:42:48	0.004	0.004	0.004	0.006	0.006
9/21/2016	13:43:48	0.004	0.004	0.004	0.005	0.006
9/21/2016	13:44:48	0.004	0.004	0.005	0.006	0.006
9/21/2016	13:45:48	0.004	0.004	0.004	0.005	0.006
9/21/2016	13:46:48	0.004	0.005	0.005	0.006	0.007
9/21/2016	13:47:48	0.004	0.004	0.004	0.005	0.005
9/21/2016	13:48:48	0.004	0.004	0.004	0.006	0.006
9/21/2016	13:49:48	0.004	0.004	0.004	0.005	0.005
9/21/2016	13:50:48	0.004	0.004	0.005	0.006	0.006
9/21/2016	13:51:48	0.004	0.004	0.004	0.005	0.005
9/21/2016	13:52:48	0.003	0.004	0.004	0.005	0.005
9/21/2016	13:53:48	0.003	0.004	0.004	0.005	0.005
9/21/2016	13:54:48	0.003	0.003	0.004	0.004	0.005
9/21/2016	13:55:48	0.003	0.004	0.004	0.005	0.006
9/21/2016	13:56:48	0.003	0.004	0.004	0.004	0.005
9/21/2016	13:57:48	0.004	0.004	0.004	0.006	0.006
9/21/2016	13:58:48	0.003	0.004	0.004	0.005	0.005
9/21/2016	13:59:48	0.004	0.004	0.004	0.005	0.006
9/21/2016	14:00:48	0.003	0.003	0.004	0.004	0.005
9/21/2016	14:01:48	0.003	0.003	0.003	0.004	0.004
9/21/2016	14:02:48	0.003	0.003	0.004	0.005	0.005
9/21/2016	14:03:48	0.003	0.004	0.004	0.005	0.006
9/21/2016	14:04:48	0.003	0.004	0.004	0.005	0.005
9/21/2016	14:05:48	0.003	0.003	0.004	0.004	0.005
9/21/2016	14:06:48	0.003	0.004	0.004	0.005	0.005
9/21/2016	14:07:48	0.003	0.003	0.004	0.005	0.005
9/21/2016	14:08:48	0.003	0.004	0.004	0.004	0.004
9/21/2016	14:09:48	0.003	0.003	0.004	0.004	0.005
9/21/2016	14:10:48	0.003	0.004	0.004	0.005	0.005
9/21/2016	14:11:48	0.004	0.004	0.004	0.005	0.005
9/21/2016	14:12:48	0.003	0.003	0.004	0.004	0.004
9/21/2016	14:13:48	0.004	0.004	0.004	0.006	0.006
9/21/2016	14:14:48	0.004	0.004	0.004	0.005	0.005
9/21/2016	14:15:48	0.004	0.004	0.005	0.006	0.006
9/21/2016	14:16:48	0.004	0.004	0.004	0.005	0.005
9/21/2016	14:17:48	0.003	0.004	0.004	0.005	0.005
9/21/2016	14:18:48	0.004	0.004	0.004	0.005	0.005
9/21/2016	14:19:48	0.003	0.004	0.004	0.005	0.005
9/21/2016	14:20:48	0.003	0.004	0.004	0.004	0.005
9/21/2016	14:21:48	0.003	0.004	0.004	0.005	0.005
9/21/2016	14:22:48	0.003	0.004	0.004	0.005	0.006
9/21/2016	14:23:48	0.003	0.004	0.004	0.005	0.005
9/21/2016	14:24:48	0.003	0.004	0.004	0.005	0.005
9/21/2016	14:25:48	0.003	0.003	0.004	0.005	0.005
9/21/2016	14:26:48	0.003	0.003	0.003	0.004	0.005
9/21/2016	14:27:48	0.004	0.004	0.004	0.005	0.006
9/21/2016	14:28:48	0.004	0.004	0.004	0.005	0.006
9/21/2016	14:29:48	0.003	0.004	0.004	0.005	0.005
9/21/2016	14:30:48	0.003	0.003	0.004	0.005	0.005
9/21/2016	14:31:48	0.003	0.003	0.004	0.004	0.004
9/21/2016	14:32:48	0.003	0.003	0.004	0.005	0.005
9/21/2016	14:33:48	0.004	0.004	0.004	0.005	0.006
9/21/2016	14:34:48	0.003	0.004	0.004	0.005	0.006
9/21/2016	14:35:48	0.003	0.004	0.004	0.005	0.005
9/21/2016	14:36:48	0.004	0.004	0.004	0.006	0.006
9/21/2016	14:37:48	0.004	0.004	0.004	0.006	0.006

9/21/2016	14:38:48	0.003	0.004	0.004	0.005	0.006
9/21/2016	14:39:48	0.003	0.004	0.004	0.005	0.005
9/21/2016	14:40:48	0.003	0.004	0.004	0.005	0.006
9/21/2016	14:41:48	0.003	0.004	0.004	0.005	0.005
9/21/2016	14:42:48	0.003	0.004	0.004	0.005	0.006
9/21/2016	14:43:48	0.003	0.004	0.004	0.005	0.005
9/21/2016	14:44:48	0.004	0.004	0.004	0.005	0.006
9/21/2016	14:45:48	0.003	0.004	0.004	0.005	0.005
9/21/2016	14:46:48	0.003	0.004	0.004	0.005	0.005
9/21/2016	14:47:48	0.003	0.004	0.004	0.005	0.005
9/21/2016	14:48:48	0.003	0.004	0.004	0.005	0.005
9/21/2016	14:49:48	0.004	0.004	0.004	0.006	0.006
9/21/2016	14:50:48	0.003	0.003	0.004	0.004	0.005
9/21/2016	14:51:48	0.004	0.004	0.004	0.006	0.006
9/21/2016	14:52:48	0.004	0.004	0.004	0.005	0.006
9/21/2016	14:53:48	0.004	0.004	0.004	0.006	0.006
9/21/2016	14:54:48	0.003	0.004	0.004	0.005	0.005
9/21/2016	14:55:48	0.003	0.004	0.004	0.005	0.005
9/21/2016	14:56:48	0.004	0.004	0.005	0.006	0.007
9/21/2016	14:57:48	0.004	0.004	0.004	0.005	0.005
9/21/2016	14:58:48	0.004	0.004	0.004	0.005	0.005
9/21/2016	14:59:48	0.004	0.005	0.005	0.006	0.006
9/21/2016	15:00:48	0.004	0.004	0.004	0.005	0.005
9/21/2016	15:01:48	0.004	0.004	0.004	0.005	0.006
9/21/2016	15:02:48	0.004	0.004	0.005	0.006	0.008
9/21/2016	15:03:48	0.004	0.004	0.004	0.006	0.007
9/21/2016	15:04:48	0.004	0.004	0.005	0.006	0.006
9/21/2016	15:05:48	0.004	0.004	0.004	0.005	0.005
9/21/2016	15:06:48	0.004	0.004	0.004	0.005	0.006
9/21/2016	15:07:48	0.004	0.004	0.004	0.005	0.006
9/21/2016	15:08:48	0.004	0.004	0.005	0.007	0.008
9/21/2016	15:09:48	0.004	0.004	0.005	0.005	0.005
9/21/2016	15:10:48	0.005	0.005	0.006	0.007	0.007
9/21/2016	15:11:48	0.006	0.006	0.007	0.008	0.009
9/21/2016	15:12:48	0.004	0.004	0.004	0.006	0.006
9/21/2016	15:13:48	0.004	0.004	0.004	0.005	0.005
9/21/2016	15:14:48	0.004	0.004	0.005	0.006	0.006
9/21/2016	15:15:48	0.004	0.004	0.004	0.005	0.006
9/21/2016	15:16:48	0.004	0.005	0.005	0.006	0.007
9/21/2016	15:17:48	0.004	0.004	0.004	0.006	0.007

```
=====
16/09/15 09:49
*****
Summary
-----

Unit Name           MiniRAE 3000(PGM-7320)
Unit SN             592-908978
Unit Firmware Ver   V1.20
-----

Running Mode        Hygiene Mode
Measure Type        Avg; Max; Real
Datalog Mode        Continuous
Datalog Type        Auto
Diagnostic Mode      No
Stop Reason          Power Down
-----

Site ID              12345678
User ID              12345678
-----

Begin                9/15/2016 9:49
End                  9/15/2016 9:49
Sample Period(s)     60
Number of Records    0

*****

Datalog

Data has not been downloaded.
```

```
=====
16/09/17 10:57
*****
Summary
-----

Unit Name           MiniRAE 3000(PGM-7320)
Unit SN             592-908978
Unit Firmware Ver   V1.20
-----

Running Mode        Hygiene Mode
Measure Type        Avg; Max; Real
Datalog Mode        Continuous
Datalog Type        Auto
Diagnostic Mode      No
Stop Reason          Pause in Menu Mode
-----

Site ID              12345678
User ID              12345678
-----

Begin                9/17/2016 10:57
End                  9/17/2016 11:01
Sample Period(s)     60
Number of Records    3

*****

Datalog

Data has not been downloaded.
```

```
=====
16/09/17 11:02
*****
Summary
-----

Unit Name           MiniRAE 3000(PGM-7320)
Unit SN             592-908978
Unit Firmware Ver   V1.20
-----

Running Mode        Hygiene Mode
Measure Type        Avg; Max; Real
Datalog Mode        Continuous
Datalog Type        Auto
Diagnostic Mode      No
Stop Reason          Power Down
-----

Site ID              12345678
User ID              12345678
-----

Begin                9/17/2016 11:02
End                  9/17/2016 11:02
Sample Period(s)     60
Number of Records    0
```

Datalog

Data has not been downloaded.

=====

16/09/19 07:52

Summary

Unit Name	MiniRAE 3000(PGM-7320)	
Unit SN	592-908978	
Unit Firmware Ver	V1.20	

Running Mode	Hygiene Mode	
Measure Type	Avg; Max; Real	
Datalog Mode	Continuous	
Datalog Type	Auto	
Diagnostic Mode	No	
Stop Reason	Pause in Menu Mode	

Site ID	12345678	
User ID	12345678	

Begin	9/19/2016 7:52	
End	9/19/2016 7:55	
Sample Period(s)	60	
Number of Records	2	

Sensor	VOC(ppm)	
Span	100	
Span 2	N/A	
Low Alarm	50	
High Alarm	100	
Over Alarm	15000	
STEL Alarm	100	
TWA Alarm	50	
Measurement Gas	Isobutylene	
Calibration Time	9/15/2016 9:48	
Peak	0	
Min	0	
Average	0	

Datalog

Index	Date/Time	VOC(ppm)	VOC(ppm)	VOC(ppm)
		(Avg)	(Max)	(Real)
	1	9/19/2016 7:53	0	0
	2	9/19/2016 7:54	0	0
Peak			0	0
Min			0	0
Average			0	0

TWA/STEL

Index	Date/Time	VOC(ppm)	VOC(ppm)
		(TWA)	(STEL)
	1	9/19/2016 7:53	0 ---
	2	9/19/2016 7:54	0 ---

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16/09/19 07:59

Summary

Unit Name	MiniRAE 3000(PGM-7320)	
Unit SN	592-908978	
Unit Firmware Ver	V1.20	

Running Mode	Hygiene Mode	
Measure Type	Avg; Max; Real	
Datalog Mode	Continuous	
Datalog Type	Auto	
Diagnostic Mode	No	
Stop Reason	Power Down	

Site ID		12345678
User ID		12345678

Begin		9/19/2016 7:59
End		9/19/2016 7:59
Sample Period(s)		60
Number of Records		0

Sensor	VOC(ppm)	
Span		100
Span 2	N/A	
Low Alarm		50
High Alarm		100
Over Alarm		15000
STEL Alarm		100
TWA Alarm		50
Measurement Gas	Isobutylene	
Calibration Time		9/19/2016 7:58

Datalog

0 record.

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16/09/19 07:59

Summary

Unit Name	MiniRAE 3000(PGM-7320)
Unit SN	592-908978
Unit Firmware Ver	V1.20

Running Mode	Hygiene Mode
Measure Type	Avg; Max; Real
Datalog Mode	Continuous
Datalog Type	Auto
Diagnostic Mode	No
Stop Reason	Power Down

Site ID	12345678
User ID	12345678

Begin	9/19/2016 7:59
End	9/19/2016 8:02
Sample Period(s)	60
Number of Records	2

Sensor	VOC(ppm)	
Span		100
Span 2	N/A	
Low Alarm		50
High Alarm		100
Over Alarm		15000
STEL Alarm		100
TWA Alarm		50
Measurement Gas	Isobutylene	
Calibration Time		9/19/2016 7:58
Peak		0
Min		0
Average		0

Datalog

			VOC(ppm) (Avg)	VOC(ppm) (Max)	VOC(ppm) (Real)
Index	Date/Time				
	1	9/19/2016 8:00	0	0	0
	2	9/19/2016 8:01	0	0	0
Peak			0	0	0
Min			0	0	0
Average			0	0	0

TWA/STEL

			VOC(ppm) (TWA)	VOC(ppm) (STEL)
Index	Date/Time			
	1	9/19/2016 8:00	0 ---	
	2	9/19/2016 8:01	0 ---	

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16/09/19 08:11

Summary

Unit Name	MiniRAE 3000(PGM-7320)
Unit SN	592-908978
Unit Firmware Ver	V1.20

Running Mode	Hygiene Mode
Measure Type	Avg; Max; Real
Datalog Mode	Continuous
Datalog Type	Auto
Diagnostic Mode	No
Stop Reason	Pause in Menu Mode

Site ID		12345678
User ID		12345678

Begin		9/19/2016 8:11
End		9/19/2016 8:11
Sample Period(s)		60
Number of Records		0

Sensor	VOC(ppm)	
Span		100
Span 2	N/A	
Low Alarm		50
High Alarm		100
Over Alarm		15000
STEL Alarm		100
TWA Alarm		50
Measurement Gas	Isobutylene	
Calibration Time		9/19/2016 7:58

Datalog

0 record.

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16/09/19 08:13

Summary

Unit Name	MiniRAE 3000(PGM-7320)
Unit SN	592-908978
Unit Firmware Ver	V1.20

Running Mode	Hygiene Mode
Measure Type	Avg; Max; Real
Datalog Mode	Continuous
Datalog Type	Auto
Diagnostic Mode	No
Stop Reason	Power Down

Site ID		12345678
User ID		12345678

Begin		9/19/2016 8:13
End		9/19/2016 15:43
Sample Period(s)		60
Number of Records		450

Sensor	VOC(ppm)	
Span		100
Span 2	N/A	
Low Alarm		50
High Alarm		100
Over Alarm		15000
STEL Alarm		100
TWA Alarm		50
Measurement Gas	Isobutylene	
Calibration Time		9/19/2016 8:12
Peak		3.013
Min		0
Average		0.243

Datalog

Index	Date/Time	VOC(ppm)			
		(Avg)	(Max)	(Real)	
	1	9/19/2016 8:14	0.144	0.252	0.252
	2	9/19/2016 8:15	0.375	0.704	0.704
	3	9/19/2016 8:16	0.545	0.701	0.556
	4	9/19/2016 8:17	0.66	0.712	0.703
	5	9/19/2016 8:18	0.752	0.912	0.708
	6	9/19/2016 8:19	0.658	0.704	0.625
	7	9/19/2016 8:20	0.607	0.625	0.595
	8	9/19/2016 8:21	0.588	0.595	0.586
	9	9/19/2016 8:22	0.575	0.585	0.568
	10	9/19/2016 8:23	0.561	0.568	0.558
	11	9/19/2016 8:24	0.553	0.558	0.551
	12	9/19/2016 8:25	0.544	0.552	0.544
	13	9/19/2016 8:26	0.536	0.545	0.531
	14	9/19/2016 8:27	0.525	0.532	0.518
	15	9/19/2016 8:28	0.517	0.522	0.518
	16	9/19/2016 8:29	0.511	0.518	0.506
	17	9/19/2016 8:30	0.501	0.506	0.498
	18	9/19/2016 8:31	0.493	0.498	0.491
	19	9/19/2016 8:32	0.487	0.496	0.48
	20	9/19/2016 8:33	0.467	0.479	0.461
	21	9/19/2016 8:34	0.453	0.46	0.444
	22	9/19/2016 8:35	0.439	0.445	0.434
	23	9/19/2016 8:36	0.425	0.433	0.418
	24	9/19/2016 8:37	0.411	0.42	0.407
	25	9/19/2016 8:38	0.743	1.17	0.745
	26	9/19/2016 8:39	0.739	0.753	0.749
	27	9/19/2016 8:40	0.764	0.791	0.783
	28	9/19/2016 8:41	0.84	0.906	0.903

29	9/19/2016 8:42	0.892	0.954	0.892
30	9/19/2016 8:43	0.863	0.904	0.877
31	9/19/2016 8:44	0.819	0.868	0.84
32	9/19/2016 8:45	1.088	2.065	1.976
33	9/19/2016 8:46	1.747	2.015	1.288
34	9/19/2016 8:47	1.116	1.341	1.003
35	9/19/2016 8:48	0.907	1.001	0.906
36	9/19/2016 8:49	1.407	1.895	1.894
37	9/19/2016 8:50	1.66	2.009	1.614
38	9/19/2016 8:51	1.869	2.128	2.119
39	9/19/2016 8:52	2.321	2.894	2.873
40	9/19/2016 8:53	2.636	2.96	2.158
41	9/19/2016 8:54	2.108	2.516	2.114
42	9/19/2016 8:55	1.788	2.198	2.139
43	9/19/2016 8:56	2.035	2.273	2.259
44	9/19/2016 8:57	2.181	2.266	2.06
45	9/19/2016 8:58	2.117	2.461	2.461
46	9/19/2016 8:59	2.516	2.601	2.508
47	9/19/2016 9:00	2.665	2.988	2.988
48	9/19/2016 9:01	3.033	3.08	3.013
49	9/19/2016 9:02	2.948	3.016	3.005
50	9/19/2016 9:03	2.978	3.117	2.753
51	9/19/2016 9:04	2.222	2.725	1.938
52	9/19/2016 9:05	1.692	1.978	1.539
53	9/19/2016 9:06	1.689	1.828	1.676
54	9/19/2016 9:07	1.607	1.722	1.533
55	9/19/2016 9:08	1.535	1.606	1.523
56	9/19/2016 9:09	1.484	1.556	1.445
57	9/19/2016 9:10	1.461	1.477	1.477
58	9/19/2016 9:11	1.486	1.513	1.445
59	9/19/2016 9:12	1.386	1.458	1.338
60	9/19/2016 9:13	1.31	1.336	1.258
61	9/19/2016 9:14	1.168	1.251	1.121
62	9/19/2016 9:15	1.11	1.129	1.129
63	9/19/2016 9:16	1.129	1.147	1.117
64	9/19/2016 9:17	1.1	1.121	1.066
65	9/19/2016 9:18	1.067	1.109	1.064
66	9/19/2016 9:19	0.995	1.058	0.996
67	9/19/2016 9:20	0.89	0.986	0.785
68	9/19/2016 9:21	0.871	0.936	0.866
69	9/19/2016 9:22	0.802	0.861	0.834
70	9/19/2016 9:23	0.784	0.84	0.704
71	9/19/2016 9:24	0.653	0.702	0.633
72	9/19/2016 9:25	0.542	0.631	0.548
73	9/19/2016 9:26	0.623	0.664	0.634
74	9/19/2016 9:27	0.664	0.699	0.591
75	9/19/2016 9:28	0.609	0.649	0.581
76	9/19/2016 9:29	0.564	0.62	0.555
77	9/19/2016 9:30	0.555	0.6	0.549
78	9/19/2016 9:31	0.551	0.615	0.582
79	9/19/2016 9:32	0.51	0.606	0.472
80	9/19/2016 9:33	0.44	0.512	0.356
81	9/19/2016 9:34	0.374	0.438	0.356
82	9/19/2016 9:35	0.389	0.431	0.431
83	9/19/2016 9:36	0.389	0.432	0.388
84	9/19/2016 9:37	0.513	0.569	0.517
85	9/19/2016 9:38	0.517	0.531	0.508
86	9/19/2016 9:39	0.528	0.545	0.539
87	9/19/2016 9:40	0.552	0.612	0.609
88	9/19/2016 9:41	0.52	0.591	0.464
89	9/19/2016 9:42	0.442	0.568	0.568
90	9/19/2016 9:43	0.459	0.599	0.426
91	9/19/2016 9:44	0.41	0.488	0.317
92	9/19/2016 9:45	0.38	0.468	0.463
93	9/19/2016 9:46	0.374	0.48	0.415
94	9/19/2016 9:47	0.337	0.448	0.223
95	9/19/2016 9:48	0.29	0.42	0.302
96	9/19/2016 9:49	0.29	0.424	0.272
97	9/19/2016 9:50	0.336	0.49	0.279
98	9/19/2016 9:51	0.21	0.289	0.207
99	9/19/2016 9:52	0.396	0.448	0.401
100	9/19/2016 9:53	0.396	0.442	0.36
101	9/19/2016 9:54	0.324	0.355	0.31
102	9/19/2016 9:55	0.27	0.352	0.313
103	9/19/2016 9:56	0.235	0.297	0.235
104	9/19/2016 9:57	0.227	0.289	0.254
105	9/19/2016 9:58	0.24	0.298	0.245
106	9/19/2016 9:59	0.249	0.346	0.245
107	9/19/2016 10:00	0.281	0.345	0.236
108	9/19/2016 10:01	0.257	0.35	0.277
109	9/19/2016 10:02	0.307	0.361	0.26
110	9/19/2016 10:03	0.223	0.356	0.241
111	9/19/2016 10:04	0.378	0.56	0.415
112	9/19/2016 10:05	0.378	0.58	0.41
113	9/19/2016 10:06	0.337	0.516	0.516
114	9/19/2016 10:07	0.799	1.052	0.888
115	9/19/2016 10:08	1.12	1.236	1.157
116	9/19/2016 10:09	0.67	1.122	0.323
117	9/19/2016 10:10	0.361	0.465	0.252
118	9/19/2016 10:11	0.238	0.405	0.359
119	9/19/2016 10:12	0.204	0.505	0
120	9/19/2016 10:13	0.046	0.269	0
121	9/19/2016 10:14	0.037	0.107	0.019
122	9/19/2016 10:15	0.005	0.073	0

123	9/19/2016 10:16	0.014	0.218	0.218
124	9/19/2016 10:17	0.15	0.25	0.138
125	9/19/2016 10:18	0.063	0.192	0
126	9/19/2016 10:19	0.024	0.11	0.001
127	9/19/2016 10:20	0	0	0
128	9/19/2016 10:21	0.006	0.073	0
129	9/19/2016 10:22	0.009	0.055	0
130	9/19/2016 10:23	0	0	0
131	9/19/2016 10:24	0	0	0
132	9/19/2016 10:25	0	0	0
133	9/19/2016 10:26	0	0	0
134	9/19/2016 10:27	0	0	0
135	9/19/2016 10:28	0.022	0.136	0
136	9/19/2016 10:29	0	0.005	0
137	9/19/2016 10:30	0	0	0
138	9/19/2016 10:31	0	0	0
139	9/19/2016 10:32	0	0	0
140	9/19/2016 10:33	0	0	0
141	9/19/2016 10:34	0	0	0
142	9/19/2016 10:35	0	0	0
143	9/19/2016 10:36	0	0	0
144	9/19/2016 10:37	0	0	0
145	9/19/2016 10:38	0	0	0
146	9/19/2016 10:39	0	0	0
147	9/19/2016 10:40	0	0	0
148	9/19/2016 10:41	0	0	0
149	9/19/2016 10:42	0	0	0
150	9/19/2016 10:43	0	0	0
151	9/19/2016 10:44	0	0	0
152	9/19/2016 10:45	0	0	0
153	9/19/2016 10:46	0	0	0
154	9/19/2016 10:47	0	0	0
155	9/19/2016 10:48	0	0	0
156	9/19/2016 10:49	0	0	0
157	9/19/2016 10:50	0	0	0
158	9/19/2016 10:51	0	0	0
159	9/19/2016 10:52	0	0	0
160	9/19/2016 10:53	0	0	0
161	9/19/2016 10:54	0	0	0
162	9/19/2016 10:55	0	0	0
163	9/19/2016 10:56	0	0	0
164	9/19/2016 10:57	0	0	0
165	9/19/2016 10:58	0	0	0
166	9/19/2016 10:59	0	0	0
167	9/19/2016 11:00	0	0	0
168	9/19/2016 11:01	0	0	0
169	9/19/2016 11:02	0	0	0
170	9/19/2016 11:03	0	0	0
171	9/19/2016 11:04	0	0	0
172	9/19/2016 11:05	0	0	0
173	9/19/2016 11:06	0	0	0
174	9/19/2016 11:07	0	0	0
175	9/19/2016 11:08	0	0	0
176	9/19/2016 11:09	0.073	0.169	0.12
177	9/19/2016 11:10	0.327	0.696	0.673
178	9/19/2016 11:11	0.495	0.752	0.455
179	9/19/2016 11:12	1.042	1.804	0.748
180	9/19/2016 11:13	0.202	0.821	0.161
181	9/19/2016 11:14	0.159	0.374	0
182	9/19/2016 11:15	0.069	0.208	0.025
183	9/19/2016 11:16	0	0.017	0
184	9/19/2016 11:17	0	0	0
185	9/19/2016 11:18	0.28	0.891	0.766
186	9/19/2016 11:19	0.526	0.749	0.219
187	9/19/2016 11:20	0.244	0.349	0.179
188	9/19/2016 11:21	0.179	0.288	0.267
189	9/19/2016 11:22	0.353	0.466	0.466
190	9/19/2016 11:23	0.386	0.607	0.128
191	9/19/2016 11:24	0.009	0.122	0
192	9/19/2016 11:25	0	0	0
193	9/19/2016 11:26	0	0	0
194	9/19/2016 11:27	0	0	0
195	9/19/2016 11:28	0	0	0
196	9/19/2016 11:29	0	0	0
197	9/19/2016 11:30	0	0	0
198	9/19/2016 11:31	0	0	0
199	9/19/2016 11:32	0	0	0
200	9/19/2016 11:33	0	0	0
201	9/19/2016 11:34	0	0	0
202	9/19/2016 11:35	0	0	0
203	9/19/2016 11:36	0	0	0
204	9/19/2016 11:37	0	0	0
205	9/19/2016 11:38	0.02	0.195	0
206	9/19/2016 11:39	0	0	0
207	9/19/2016 11:40	0	0	0
208	9/19/2016 11:41	0	0	0
209	9/19/2016 11:42	0	0	0
210	9/19/2016 11:43	0	0	0
211	9/19/2016 11:44	0	0	0
212	9/19/2016 11:45	0	0	0
213	9/19/2016 11:46	0	0	0
214	9/19/2016 11:47	0	0	0
215	9/19/2016 11:48	0	0	0
216	9/19/2016 11:49	0	0	0

217	9/19/2016 11:50	0	0	0
218	9/19/2016 11:51	0	0	0
219	9/19/2016 11:52	0	0	0
220	9/19/2016 11:53	0	0	0
221	9/19/2016 11:54	0	0	0
222	9/19/2016 11:55	0	0	0
223	9/19/2016 11:56	0	0	0
224	9/19/2016 11:57	0	0	0
225	9/19/2016 11:58	0	0	0
226	9/19/2016 11:59	0	0	0
227	9/19/2016 12:00	0	0	0
228	9/19/2016 12:01	0	0	0
229	9/19/2016 12:02	0	0	0
230	9/19/2016 12:03	0	0	0
231	9/19/2016 12:04	0	0	0
232	9/19/2016 12:05	0	0	0
233	9/19/2016 12:06	0	0	0
234	9/19/2016 12:07	0	0	0
235	9/19/2016 12:08	0	0	0
236	9/19/2016 12:09	0	0	0
237	9/19/2016 12:10	0	0	0
238	9/19/2016 12:11	0	0	0
239	9/19/2016 12:12	0	0	0
240	9/19/2016 12:13	0	0	0
241	9/19/2016 12:14	0	0	0
242	9/19/2016 12:15	0	0	0
243	9/19/2016 12:16	0	0	0
244	9/19/2016 12:17	0	0	0
245	9/19/2016 12:18	0	0	0
246	9/19/2016 12:19	0	0	0
247	9/19/2016 12:20	0	0	0
248	9/19/2016 12:21	0	0	0
249	9/19/2016 12:22	0	0	0
250	9/19/2016 12:23	0	0	0
251	9/19/2016 12:24	0	0	0
252	9/19/2016 12:25	0	0	0
253	9/19/2016 12:26	0	0	0
254	9/19/2016 12:27	0	0	0
255	9/19/2016 12:28	0	0	0
256	9/19/2016 12:29	0	0	0
257	9/19/2016 12:30	0	0	0
258	9/19/2016 12:31	0	0	0
259	9/19/2016 12:32	0	0	0
260	9/19/2016 12:33	0	0	0
261	9/19/2016 12:34	0	0	0
262	9/19/2016 12:35	0	0	0
263	9/19/2016 12:36	0	0	0
264	9/19/2016 12:37	0	0	0
265	9/19/2016 12:38	0	0	0
266	9/19/2016 12:39	0	0	0
267	9/19/2016 12:40	0	0	0
268	9/19/2016 12:41	0	0	0
269	9/19/2016 12:42	0	0	0
270	9/19/2016 12:43	0	0	0
271	9/19/2016 12:44	0	0	0
272	9/19/2016 12:45	0	0	0
273	9/19/2016 12:46	0	0	0
274	9/19/2016 12:47	0	0	0
275	9/19/2016 12:48	0	0	0
276	9/19/2016 12:49	0	0	0
277	9/19/2016 12:50	0	0	0
278	9/19/2016 12:51	0	0	0
279	9/19/2016 12:52	0	0	0
280	9/19/2016 12:53	0	0	0
281	9/19/2016 12:54	0	0	0
282	9/19/2016 12:55	0	0	0
283	9/19/2016 12:56	0	0	0
284	9/19/2016 12:57	0	0	0
285	9/19/2016 12:58	0.005	0.039	0
286	9/19/2016 12:59	0	0	0
287	9/19/2016 13:00	0	0	0
288	9/19/2016 13:01	0	0	0
289	9/19/2016 13:02	0	0	0
290	9/19/2016 13:03	0	0	0
291	9/19/2016 13:04	0	0	0
292	9/19/2016 13:05	0	0	0
293	9/19/2016 13:06	0	0	0
294	9/19/2016 13:07	0	0	0
295	9/19/2016 13:08	0	0	0
296	9/19/2016 13:09	0	0	0
297	9/19/2016 13:10	0	0	0
298	9/19/2016 13:11	0	0	0
299	9/19/2016 13:12	0	0	0
300	9/19/2016 13:13	0	0	0
301	9/19/2016 13:14	0	0	0
302	9/19/2016 13:15	0	0	0
303	9/19/2016 13:16	0	0	0
304	9/19/2016 13:17	0	0	0
305	9/19/2016 13:18	0	0	0
306	9/19/2016 13:19	0	0	0
307	9/19/2016 13:20	0	0	0
308	9/19/2016 13:21	0.008	0.093	0
309	9/19/2016 13:22	0	0	0
310	9/19/2016 13:23	0	0	0

311	9/19/2016 13:24	0	0	0
312	9/19/2016 13:25	0	0	0
313	9/19/2016 13:26	0	0	0
314	9/19/2016 13:27	0	0	0
315	9/19/2016 13:28	0	0	0
316	9/19/2016 13:29	0	0	0
317	9/19/2016 13:30	0	0	0
318	9/19/2016 13:31	0	0	0
319	9/19/2016 13:32	0	0	0
320	9/19/2016 13:33	0	0	0
321	9/19/2016 13:34	0	0	0
322	9/19/2016 13:35	0	0	0
323	9/19/2016 13:36	0	0	0
324	9/19/2016 13:37	0.128	0.709	0
325	9/19/2016 13:38	0.04	0.319	0
326	9/19/2016 13:39	0.016	0.226	0
327	9/19/2016 13:40	0	0	0
328	9/19/2016 13:41	0	0	0
329	9/19/2016 13:42	0	0	0
330	9/19/2016 13:43	0	0	0
331	9/19/2016 13:44	0	0	0
332	9/19/2016 13:45	0	0	0
333	9/19/2016 13:46	0	0	0
334	9/19/2016 13:47	0	0	0
335	9/19/2016 13:48	0	0	0
336	9/19/2016 13:49	0	0	0
337	9/19/2016 13:50	0	0	0
338	9/19/2016 13:51	0	0	0
339	9/19/2016 13:52	0	0	0
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344	9/19/2016 13:57	0	0	0
345	9/19/2016 13:58	0	0	0
346	9/19/2016 13:59	0	0	0
347	9/19/2016 14:00	0	0	0
348	9/19/2016 14:01	0	0	0
349	9/19/2016 14:02	0	0	0
350	9/19/2016 14:03	0	0	0
351	9/19/2016 14:04	0	0	0
352	9/19/2016 14:05	0	0	0
353	9/19/2016 14:06	0	0	0
354	9/19/2016 14:07	0	0	0
355	9/19/2016 14:08	0	0	0
356	9/19/2016 14:09	0	0	0
357	9/19/2016 14:10	0	0	0
358	9/19/2016 14:11	0	0	0
359	9/19/2016 14:12	0	0	0
360	9/19/2016 14:13	0	0	0
361	9/19/2016 14:14	0	0	0
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363	9/19/2016 14:16	0	0	0
364	9/19/2016 14:17	0	0	0

	365	9/19/2016 14:18	0	0	0
	366	9/19/2016 14:19	0	0	0
	367	9/19/2016 14:20	0	0	0
	368	9/19/2016 14:21	0	0	0
	369	9/19/2016 14:22	0	0	0
	370	9/19/2016 14:23	0	0	0
	371	9/19/2016 14:24	0	0	0
	372	9/19/2016 14:25	0.039	0.387	0
	373	9/19/2016 14:26	0	0	0
	374	9/19/2016 14:27	0.006	0.103	0
	375	9/19/2016 14:28	0	0	0
	376	9/19/2016 14:29	0	0	0
	377	9/19/2016 14:30	0	0	0
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	441	9/19/2016 15:34	0	0	0
	442	9/19/2016 15:35	0	0	0
	443	9/19/2016 15:36	0	0	0
	444	9/19/2016 15:37	0	0	0
	445	9/19/2016 15:38	0	0	0
	446	9/19/2016 15:39	0	0	0
	447	9/19/2016 15:40	0	0	0
	448	9/19/2016 15:41	0	0	0
	449	9/19/2016 15:42	0	0	0
	450	9/19/2016 15:43	0	0	0
Peak			3.033	3.117	3.013
Min			0	0	0
Average			0.242	0.288	0.243

TWA/STEL

Index	Date/Time	VOC(ppm)	
		(TWA)	(STEL)
	1	9/19/2016 8:14	0.001 ---
	2	9/19/2016 8:15	0.002 ---
	3	9/19/2016 8:16	0.003 ---
	4	9/19/2016 8:17	0.005 ---
	5	9/19/2016 8:18	0.006 ---
	6	9/19/2016 8:19	0.007 ---
	7	9/19/2016 8:20	0.009 ---
	8	9/19/2016 8:21	0.01 ---
	9	9/19/2016 8:22	0.011 ---
	10	9/19/2016 8:23	0.012 ---
	11	9/19/2016 8:24	0.013 ---
	12	9/19/2016 8:25	0.014 ---
	13	9/19/2016 8:26	0.016 ---
	14	9/19/2016 8:27	0.017 ---
	15	9/19/2016 8:28	0.018 0.568
	16	9/19/2016 8:29	0.019 0.585
	17	9/19/2016 8:30	0.02 0.571
	18	9/19/2016 8:31	0.021 0.567
	19	9/19/2016 8:32	0.022 0.552
	20	9/19/2016 8:33	0.023 0.535
	21	9/19/2016 8:34	0.024 0.523
	22	9/19/2016 8:35	0.025 0.513
	23	9/19/2016 8:36	0.026 0.501
	24	9/19/2016 8:37	0.026 0.491
	25	9/19/2016 8:38	0.028 0.503
	26	9/19/2016 8:39	0.029 0.516
	27	9/19/2016 8:40	0.031 0.532
	28	9/19/2016 8:41	0.033 0.557
	29	9/19/2016 8:42	0.035 0.582
	30	9/19/2016 8:43	0.037 0.606
	31	9/19/2016 8:44	0.038 0.628
	32	9/19/2016 8:45	0.043 0.727
	33	9/19/2016 8:46	0.045 0.78
	34	9/19/2016 8:47	0.047 0.815
	35	9/19/2016 8:48	0.049 0.844
	36	9/19/2016 8:49	0.053 0.941
	37	9/19/2016 8:50	0.057 1.02
	38	9/19/2016 8:51	0.061 1.133
	39	9/19/2016 8:52	0.067 1.297
	40	9/19/2016 8:53	0.071 1.392
	41	9/19/2016 8:54	0.076 1.483
	42	9/19/2016 8:55	0.08 1.573
	43	9/19/2016 8:56	0.085 1.663
	44	9/19/2016 8:57	0.089 1.741
	45	9/19/2016 8:58	0.094 1.847
	46	9/19/2016 8:59	0.1 1.958
	47	9/19/2016 9:00	0.106 2.026
	48	9/19/2016 9:01	0.112 2.141
	49	9/19/2016 9:02	0.118 2.274
	50	9/19/2016 9:03	0.124 2.397
	51	9/19/2016 9:04	0.128 2.4
	52	9/19/2016 9:05	0.131 2.395
	53	9/19/2016 9:06	0.135 2.366
	54	9/19/2016 9:07	0.138 2.276
	55	9/19/2016 9:08	0.141 2.234
	56	9/19/2016 9:09	0.144 2.189
	57	9/19/2016 9:10	0.147 2.145
	58	9/19/2016 9:11	0.15 2.091
	59	9/19/2016 9:12	0.153 2.043
	60	9/19/2016 9:13	0.156 1.963
	61	9/19/2016 9:14	0.158 1.87
	62	9/19/2016 9:15	0.16 1.746
	63	9/19/2016 9:16	0.163 1.62
	64	9/19/2016 9:17	0.165 1.491
	65	9/19/2016 9:18	0.167 1.378
	66	9/19/2016 9:19	0.169 1.315
	67	9/19/2016 9:20	0.171 1.265
	68	9/19/2016 9:21	0.173 1.211
	69	9/19/2016 9:22	0.174 1.164
	70	9/19/2016 9:23	0.176 1.11
	71	9/19/2016 9:24	0.177 1.056
	72	9/19/2016 9:25	0.178 0.994
	73	9/19/2016 9:26	0.18 0.94
	74	9/19/2016 9:27	0.181 0.89
	75	9/19/2016 9:28	0.182 0.845
	76	9/19/2016 9:29	0.183 0.807
	77	9/19/2016 9:30	0.184 0.768
	78	9/19/2016 9:31	0.186 0.733
	79	9/19/2016 9:32	0.187 0.693
	80	9/19/2016 9:33	0.187 0.646
	81	9/19/2016 9:34	0.188 0.603
	82	9/19/2016 9:35	0.189 0.579
	83	9/19/2016 9:36	0.19 0.548
	84	9/19/2016 9:37	0.191 0.526
	85	9/19/2016 9:38	0.192 0.513
	86	9/19/2016 9:39	0.193 0.507
	87	9/19/2016 9:40	0.194 0.511
	88	9/19/2016 9:41	0.195 0.5
	89	9/19/2016 9:42	0.196 0.498
	90	9/19/2016 9:43	0.197 0.488

91	9/19/2016 9:44	0.198	0.472
92	9/19/2016 9:45	0.199	0.466
93	9/19/2016 9:46	0.2	0.455
94	9/19/2016 9:47	0.2	0.439
95	9/19/2016 9:48	0.201	0.435
96	9/19/2016 9:49	0.202	0.429
97	9/19/2016 9:50	0.202	0.419
98	9/19/2016 9:51	0.203	0.407
99	9/19/2016 9:52	0.203	0.4
100	9/19/2016 9:53	0.204	0.39
101	9/19/2016 9:54	0.205	0.374
102	9/19/2016 9:55	0.205	0.355
103	9/19/2016 9:56	0.206	0.339
104	9/19/2016 9:57	0.206	0.318
105	9/19/2016 9:58	0.207	0.306
106	9/19/2016 9:59	0.207	0.302
107	9/19/2016 10:00	0.208	0.286
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109	9/19/2016 10:02	0.209	0.28
110	9/19/2016 10:03	0.21	0.276
111	9/19/2016 10:04	0.21	0.285
112	9/19/2016 10:05	0.211	0.294
113	9/19/2016 10:06	0.212	0.315
114	9/19/2016 10:07	0.214	0.347
115	9/19/2016 10:08	0.217	0.4
116	9/19/2016 10:09	0.217	0.401
117	9/19/2016 10:10	0.218	0.397
118	9/19/2016 10:11	0.219	0.405
119	9/19/2016 10:12	0.219	0.388
120	9/19/2016 10:13	0.219	0.372
121	9/19/2016 10:14	0.219	0.357
122	9/19/2016 10:15	0.219	0.341
123	9/19/2016 10:16	0.219	0.337
124	9/19/2016 10:17	0.219	0.329
125	9/19/2016 10:18	0.219	0.313
126	9/19/2016 10:19	0.219	0.285
127	9/19/2016 10:20	0.219	0.258
128	9/19/2016 10:21	0.219	0.224
129	9/19/2016 10:22	0.219	0.164
130	9/19/2016 10:23	0.219	0.087
131	9/19/2016 10:24	0.219	0.066
132	9/19/2016 10:25	0.219	0.049
133	9/19/2016 10:26	0.219	0.025
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136	9/19/2016 10:29	0.219	0.024
137	9/19/2016 10:30	0.219	0.024
138	9/19/2016 10:31	0.219	0.009
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168	9/19/2016 11:01	0.219	0
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170	9/19/2016 11:03	0.219	0
171	9/19/2016 11:04	0.219	0
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174	9/19/2016 11:07	0.219	0
175	9/19/2016 11:08	0.219	0
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182	9/19/2016 11:15	0.224	0.145
183	9/19/2016 11:16	0.224	0.145
184	9/19/2016 11:17	0.224	0.145

186	9/19/2016 9:56	0.217	0
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185	9/19/2016 11:18	0.225	0.197
186	9/19/2016 11:19	0.226	0.211
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188	9/19/2016 11:21	0.227	0.241
189	9/19/2016 11:22	0.228	0.272
190	9/19/2016 11:23	0.228	0.28
191	9/19/2016 11:24	0.228	0.272
192	9/19/2016 11:25	0.228	0.228
193	9/19/2016 11:26	0.228	0.197
194	9/19/2016 11:27	0.228	0.147
195	9/19/2016 11:28	0.228	0.137
196	9/19/2016 11:29	0.228	0.137
197	9/19/2016 11:30	0.228	0.135
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281	9/19/2016 12:54	0.228	0
282	9/19/2016 12:55	0.228	0
283	9/19/2016 12:56	0.228	0
284	9/19/2016 12:57	0.228	0
285	9/19/2016 12:58	0.228	0
286	9/19/2016 12:59	0.228	0
287	9/19/2016 13:00	0.228	0
288	9/19/2016 13:01	0.228	0
289	9/19/2016 13:02	0.228	0
290	9/19/2016 13:03	0.228	0
291	9/19/2016 13:04	0.228	0
292	9/19/2016 13:05	0.228	0
293	9/19/2016 13:06	0.228	0
294	9/19/2016 13:07	0.228	0
295	9/19/2016 13:08	0.228	0
296	9/19/2016 13:09	0.228	0
297	9/19/2016 13:10	0.228	0
298	9/19/2016 13:11	0.228	0
299	9/19/2016 13:12	0.228	0
300	9/19/2016 13:13	0.228	0
301	9/19/2016 13:14	0.228	0
302	9/19/2016 13:15	0.228	0
303	9/19/2016 13:16	0.228	0
304	9/19/2016 13:17	0.228	0
305	9/19/2016 13:18	0.228	0
306	9/19/2016 13:19	0.228	0
307	9/19/2016 13:20	0.228	0
308	9/19/2016 13:21	0.228	0
309	9/19/2016 13:22	0.228	0
310	9/19/2016 13:23	0.228	0
311	9/19/2016 13:24	0.228	0
312	9/19/2016 13:25	0.228	0
313	9/19/2016 13:26	0.228	0
314	9/19/2016 13:27	0.228	0
315	9/19/2016 13:28	0.228	0
316	9/19/2016 13:29	0.228	0
317	9/19/2016 13:30	0.228	0
318	9/19/2016 13:31	0.228	0
319	9/19/2016 13:32	0.228	0
320	9/19/2016 13:33	0.228	0
321	9/19/2016 13:34	0.228	0
322	9/19/2016 13:35	0.228	0
323	9/19/2016 13:36	0.228	0
324	9/19/2016 13:37	0.228	0
325	9/19/2016 13:38	0.228	0
326	9/19/2016 13:39	0.228	0
327	9/19/2016 13:40	0.228	0
328	9/19/2016 13:41	0.228	0
329	9/19/2016 13:42	0.228	0
330	9/19/2016 13:43	0.228	0
331	9/19/2016 13:44	0.228	0
332	9/19/2016 13:45	0.228	0
333	9/19/2016 13:46	0.228	0
334	9/19/2016 13:47	0.228	0
335	9/19/2016 13:48	0.228	0
336	9/19/2016 13:49	0.228	0
337	9/19/2016 13:50	0.228	0
338	9/19/2016 13:51	0.228	0
339	9/19/2016 13:52	0.228	0
340	9/19/2016 13:53	0.228	0
341	9/19/2016 13:54	0.228	0
342	9/19/2016 13:55	0.228	0
343	9/19/2016 13:56	0.228	0
344	9/19/2016 13:57	0.228	0
345	9/19/2016 13:58	0.228	0
346	9/19/2016 13:59	0.228	0
347	9/19/2016 14:00	0.228	0
348	9/19/2016 14:01	0.228	0
349	9/19/2016 14:02	0.228	0
350	9/19/2016 14:03	0.228	0
351	9/19/2016 14:04	0.228	0
352	9/19/2016 14:05	0.228	0
353	9/19/2016 14:06	0.228	0
354	9/19/2016 14:07	0.228	0
355	9/19/2016 14:08	0.228	0
356	9/19/2016 14:09	0.228	0

357	9/19/2016 14:10	0.228	0
358	9/19/2016 14:11	0.228	0
359	9/19/2016 14:12	0.228	0
360	9/19/2016 14:13	0.228	0
361	9/19/2016 14:14	0.228	0
362	9/19/2016 14:15	0.228	0
363	9/19/2016 14:16	0.228	0
364	9/19/2016 14:17	0.228	0
365	9/19/2016 14:18	0.228	0
366	9/19/2016 14:19	0.228	0
367	9/19/2016 14:20	0.228	0
368	9/19/2016 14:21	0.228	0
369	9/19/2016 14:22	0.228	0
370	9/19/2016 14:23	0.228	0
371	9/19/2016 14:24	0.228	0
372	9/19/2016 14:25	0.228	0
373	9/19/2016 14:26	0.228	0
374	9/19/2016 14:27	0.228	0
375	9/19/2016 14:28	0.228	0
376	9/19/2016 14:29	0.228	0
377	9/19/2016 14:30	0.228	0
378	9/19/2016 14:31	0.228	0
379	9/19/2016 14:32	0.228	0
380	9/19/2016 14:33	0.228	0
381	9/19/2016 14:34	0.228	0
382	9/19/2016 14:35	0.228	0
383	9/19/2016 14:36	0.228	0
384	9/19/2016 14:37	0.228	0
385	9/19/2016 14:38	0.228	0
386	9/19/2016 14:39	0.228	0
387	9/19/2016 14:40	0.228	0
388	9/19/2016 14:41	0.228	0
389	9/19/2016 14:42	0.228	0
390	9/19/2016 14:43	0.228	0
391	9/19/2016 14:44	0.228	0
392	9/19/2016 14:45	0.228	0
393	9/19/2016 14:46	0.228	0
394	9/19/2016 14:47	0.228	0
395	9/19/2016 14:48	0.228	0
396	9/19/2016 14:49	0.228	0
397	9/19/2016 14:50	0.228	0
398	9/19/2016 14:51	0.228	0
399	9/19/2016 14:52	0.228	0
400	9/19/2016 14:53	0.228	0
401	9/19/2016 14:54	0.228	0
402	9/19/2016 14:55	0.228	0
403	9/19/2016 14:56	0.228	0
404	9/19/2016 14:57	0.228	0
405	9/19/2016 14:58	0.228	0
406	9/19/2016 14:59	0.228	0
407	9/19/2016 15:00	0.228	0
408	9/19/2016 15:01	0.228	0
409	9/19/2016 15:02	0.228	0
410	9/19/2016 15:03	0.228	0
411	9/19/2016 15:04	0.228	0
412	9/19/2016 15:05	0.228	0
413	9/19/2016 15:06	0.228	0
414	9/19/2016 15:07	0.228	0
415	9/19/2016 15:08	0.228	0
416	9/19/2016 15:09	0.228	0
417	9/19/2016 15:10	0.228	0
418	9/19/2016 15:11	0.228	0
419	9/19/2016 15:12	0.228	0
420	9/19/2016 15:13	0.228	0
421	9/19/2016 15:14	0.228	0
422	9/19/2016 15:15	0.228	0
423	9/19/2016 15:16	0.228	0
424	9/19/2016 15:17	0.228	0
425	9/19/2016 15:18	0.228	0
426	9/19/2016 15:19	0.228	0
427	9/19/2016 15:20	0.228	0
428	9/19/2016 15:21	0.228	0
429	9/19/2016 15:22	0.228	0
430	9/19/2016 15:23	0.228	0
431	9/19/2016 15:24	0.228	0
432	9/19/2016 15:25	0.228	0
433	9/19/2016 15:26	0.228	0
434	9/19/2016 15:27	0.228	0
435	9/19/2016 15:28	0.228	0
436	9/19/2016 15:29	0.228	0
437	9/19/2016 15:30	0.228	0
438	9/19/2016 15:31	0.228	0
439	9/19/2016 15:32	0.228	0
440	9/19/2016 15:33	0.228	0
441	9/19/2016 15:34	0.228	0
442	9/19/2016 15:35	0.228	0
443	9/19/2016 15:36	0.228	0
444	9/19/2016 15:37	0.228	0
445	9/19/2016 15:38	0.228	0
446	9/19/2016 15:39	0.228	0
447	9/19/2016 15:40	0.228	0
448	9/19/2016 15:41	0.228	0
449	9/19/2016 15:42	0.228	0
450	9/19/2016 15:43	0.228	0

```
=====
16/09/19 16:59
*****
Summary
-----
Unit Name                MiniRAE 3000(PGM-7320)
Unit SN                  592-908978
Unit Firmware Ver        V1.20
-----
Running Mode             Hygiene Mode
Measure Type             Avg; Max; Real
Datalog Mode             Continuous
Datalog Type             Auto
Diagnostic Mode           No
Stop Reason              Pause in Communication Mode
-----
Site ID                  12345678
User ID                  12345678
-----
Begin                    9/19/2016 16:59
End                      9/19/2016 16:59
Sample Period(s)         60
Number of Records        0
-----
Sensor                   VOC(ppm)
Span                     100
Span 2                   N/A
Low Alarm                50
High Alarm               100
Over Alarm               15000
STEL Alarm               100
TWA Alarm                50
Measurement Gas          Isobutylene
Calibration Time         9/19/2016 8:12

*****
Datalog

0 record.
```

```
=====
16/09/15 09:49
*****
Summary
-----
Unit Name           MiniRAE 3000(PGM-7320)
Unit SN             592-908978
Unit Firmware Ver   V1.20
-----
Running Mode        Hygiene Mode
Measure Type        Avg; Max; Real
Datalog Mode        Continuous
Datalog Type        Auto
Diagnostic Mode      No
Stop Reason         Power Down
-----
Site ID              12345678
User ID              12345678
-----
Begin               9/15/2016 9:49
End                 9/15/2016 9:49
Sample Period(s)    60
Number of Records    0

*****
Datalog

Data has not been downloaded.

=====
16/09/17 10:57
*****
Summary
-----
Unit Name           MiniRAE 3000(PGM-7320)
Unit SN             592-908978
Unit Firmware Ver   V1.20
-----
Running Mode        Hygiene Mode
Measure Type        Avg; Max; Real
Datalog Mode        Continuous
Datalog Type        Auto
Diagnostic Mode      No
Stop Reason         Pause in Menu Mode
-----
Site ID              12345678
User ID              12345678
-----
Begin               9/17/2016 10:57
End                 9/17/2016 11:01
Sample Period(s)    60
Number of Records    3

*****
Datalog

Data has not been downloaded.

=====
16/09/17 11:02
*****
Summary
-----
Unit Name           MiniRAE 3000(PGM-7320)
Unit SN             592-908978
Unit Firmware Ver   V1.20
-----
Running Mode        Hygiene Mode
Measure Type        Avg; Max; Real
Datalog Mode        Continuous
Datalog Type        Auto
Diagnostic Mode      No
Stop Reason         Power Down
-----
Site ID              12345678
User ID              12345678
-----
Begin               9/17/2016 11:02
End                 9/17/2016 11:02
Sample Period(s)    60
Number of Records    0
```

Datalog

Data has not been downloaded.

=====

16/09/19 07:52

Summary

Unit Name	MiniRAE 3000(PGM-7320)
Unit SN	592-908978
Unit Firmware Ver	V1.20

Running Mode	Hygiene Mode
Measure Type	Avg; Max; Real
Datalog Mode	Continuous
Datalog Type	Auto
Diagnostic Mode	No
Stop Reason	Pause in Menu Mode

Site ID	12345678
User ID	12345678

Begin	9/19/2016 7:52
End	9/19/2016 7:55
Sample Period(s)	60
Number of Records	2

Datalog

Data has not been downloaded.

=====

16/09/19 07:59

Summary

Unit Name	MiniRAE 3000(PGM-7320)
Unit SN	592-908978
Unit Firmware Ver	V1.20

Running Mode	Hygiene Mode
Measure Type	Avg; Max; Real
Datalog Mode	Continuous
Datalog Type	Auto
Diagnostic Mode	No
Stop Reason	Power Down

Site ID	12345678
User ID	12345678

Begin	9/19/2016 7:59
End	9/19/2016 7:59
Sample Period(s)	60
Number of Records	0

Datalog

Data has not been downloaded.

=====

16/09/19 07:59

Summary

Unit Name	MiniRAE 3000(PGM-7320)
Unit SN	592-908978
Unit Firmware Ver	V1.20

Running Mode	Hygiene Mode
Measure Type	Avg; Max; Real
Datalog Mode	Continuous
Datalog Type	Auto
Diagnostic Mode	No
Stop Reason	Power Down

Site ID	12345678
User ID	12345678

Begin	9/19/2016 7:59
End	9/19/2016 8:02
Sample Period(s)	60
Number of Records	2

Datalog

Data has not been downloaded.

=====

16/09/19 08:11

Summary

Unit Name	MiniRAE 3000(PGM-7320)
Unit SN	592-908978
Unit Firmware Ver	V1.20

Running Mode	Hygiene Mode
Measure Type	Avg; Max; Real
Datalog Mode	Continuous
Datalog Type	Auto
Diagnostic Mode	No
Stop Reason	Pause in Menu Mode

Site ID	12345678
User ID	12345678

Begin	9/19/2016 8:11
End	9/19/2016 8:11
Sample Period(s)	60
Number of Records	0

Datalog

Data has not been downloaded.

=====

16/09/19 08:13

Summary

Unit Name	MiniRAE 3000(PGM-7320)
Unit SN	592-908978
Unit Firmware Ver	V1.20

Running Mode	Hygiene Mode
Measure Type	Avg; Max; Real
Datalog Mode	Continuous
Datalog Type	Auto
Diagnostic Mode	No
Stop Reason	Power Down

Site ID	12345678
User ID	12345678

Begin	9/19/2016 8:13
End	9/19/2016 15:43
Sample Period(s)	60
Number of Records	450

Datalog

Data has not been downloaded.

=====

16/09/19 16:59

Summary

Unit Name	MiniRAE 3000(PGM-7320)
Unit SN	592-908978
Unit Firmware Ver	V1.20

Running Mode	Hygiene Mode
Measure Type	Avg; Max; Real
Datalog Mode	Continuous
Datalog Type	Auto
Diagnostic Mode	No
Stop Reason	Pause in Communication Mode

Site ID	12345678
User ID	12345678

Begin	9/19/2016 16:59
End	9/19/2016 16:59
Sample Period(s)	60
Number of Records	0

Datalog

Data has not been downloaded.

```
=====
16/09/19 17:10
*****
Summary
-----
Unit Name           MiniRAE 3000(PGM-7320)
Unit SN             592-908978
Unit Firmware Ver   V1.20
-----
Running Mode        Hygiene Mode
Measure Type        Avg; Max; Real
Datalog Mode        Continuous
Datalog Type        Auto
Diagnostic Mode      No
Stop Reason         Power Down
-----
Site ID              12345678
User ID              12345678
-----
Begin                9/19/2016 17:10
End                  9/19/2016 17:19
Sample Period(s)    60
Number of Records    8
*****
```

Datalog

Data has not been downloaded.

```
=====
16/09/20 07:13
*****
Summary
-----
Unit Name           MiniRAE 3000(PGM-7320)
Unit SN             592-908978
Unit Firmware Ver   V1.20
-----
Running Mode        Hygiene Mode
Measure Type        Avg; Max; Real
Datalog Mode        Continuous
Datalog Type        Auto
Diagnostic Mode      No
Stop Reason         Pause in Menu Mode
-----
Site ID              12345678
User ID              12345678
-----
Begin                9/20/2016 7:13
End                  9/20/2016 7:14
Sample Period(s)    60
Number of Records    0
-----
Sensor              VOC(ppm)
Span                 100
Span 2               N/A
Low Alarm             50
High Alarm            100
Over Alarm            15000
STEL Alarm            100
TWA Alarm             50
Measurement Gas      Isobutylene
Calibration Time     9/19/2016 8:12
*****
```

Datalog

0 record.

```
=====
16/09/20 07:18
*****
Summary
-----
Unit Name           MiniRAE 3000(PGM-7320)
Unit SN             592-908978
Unit Firmware Ver   V1.20
-----
Running Mode        Hygiene Mode
Measure Type        Avg; Max; Real
Datalog Mode        Continuous
Datalog Type        Auto
Diagnostic Mode      No
Stop Reason         Power Down
-----
Site ID              12345678
User ID              12345678
-----
Begin                9/20/2016 7:18
End                  9/20/2016 7:18
Sample Period(s)    60
Number of Records    0
-----
Sensor              VOC(ppm)
Span                 100
Span 2               N/A
Low Alarm             50
High Alarm            100
Over Alarm            15000
STEL Alarm            100
TWA Alarm             50
Measurement Gas      Isobutylene
Calibration Time     9/20/2016 7:17
```

Datalog

0 record.

=====

16/09/20 07:19

Summary

Unit Name	MiniRAE 3000(PGM-7320)
Unit SN	592-908978
Unit Firmware Ver	V1.20

Running Mode	Hygiene Mode
Measure Type	Avg; Max; Real
Datalog Mode	Continuous
Datalog Type	Auto
Diagnostic Mode	No
Stop Reason	Pause in Menu Mode

Site ID	12345678
User ID	12345678

Begin	9/20/2016 7:19
End	9/20/2016 7:20
Sample Period(s)	60
Number of Records	0

Sensor	VOC(ppm)
Span	100
Span 2	N/A
Low Alarm	50
High Alarm	100
Over Alarm	15000
STEL Alarm	100
TWA Alarm	50
Measurement Gas	Isobutylene
Calibration Time	9/20/2016 7:17

Datalog

0 record.

=====

16/09/20 07:21

Summary

Unit Name	MiniRAE 3000(PGM-7320)
Unit SN	592-908978
Unit Firmware Ver	V1.20

Running Mode	Hygiene Mode
Measure Type	Avg; Max; Real
Datalog Mode	Continuous
Datalog Type	Auto
Diagnostic Mode	No
Stop Reason	Power Down

Site ID	12345678
User ID	12345678

Begin	9/20/2016 7:21
End	9/20/2016 12:48
Sample Period(s)	60
Number of Records	326

Sensor	VOC(ppm)
Span	100
Span 2	N/A
Low Alarm	50
High Alarm	100
Over Alarm	15000
STEL Alarm	100
TWA Alarm	50
Measurement Gas	Isobutylene
Calibration Time	9/20/2016 7:17
Peak	2.178
Min	0
Average	0.603

Datalog					
			VOC(ppm)	VOC(ppm)	VOC(ppm)
Index	Date/Time		(Avg)	(Max)	(Real)
1	9/20/2016 7:22		0.337	0.574	0.374
2	9/20/2016 7:23		0.414	0.459	0.444
3	9/20/2016 7:24		0.467	0.568	0.558
4	9/20/2016 7:25		0.585	0.603	0.584
5	9/20/2016 7:26		0.655	0.75	0.732
6	9/20/2016 7:27		0.764	0.984	0.973
7	9/20/2016 7:28		0.856	0.964	0.848
8	9/20/2016 7:29		0.895	1.011	1.011
9	9/20/2016 7:30		1.041	1.085	1.037
10	9/20/2016 7:31		1.098	1.242	1.025
11	9/20/2016 7:32		1.018	1.047	1.009
12	9/20/2016 7:33		0.999	1.015	0.976
13	9/20/2016 7:34		0.985	1.001	0.997
14	9/20/2016 7:35		1.036	1.063	1.02
15	9/20/2016 7:36		1.034	1.054	1.045
16	9/20/2016 7:37		1.016	1.052	0.989
17	9/20/2016 7:38		0.972	1.002	0.955
18	9/20/2016 7:39		0.962	1.295	1.295
19	9/20/2016 7:40		1.015	1.292	0.955
20	9/20/2016 7:41		0.957	0.968	0.956
21	9/20/2016 7:42		0.952	0.967	0.933
22	9/20/2016 7:43		0.948	0.976	0.916
23	9/20/2016 7:44		0.908	0.933	0.913

24	9/20/2016 7:45	0.914	0.945	0.908
25	9/20/2016 7:46	0.878	0.936	0.885
26	9/20/2016 7:47	0.894	0.912	0.91
27	9/20/2016 7:48	0.898	0.913	0.907
28	9/20/2016 7:49	0.925	0.948	0.927
29	9/20/2016 7:50	0.946	0.97	0.947
30	9/20/2016 7:51	0.965	0.985	0.972
31	9/20/2016 7:52	0.877	0.984	0.833
32	9/20/2016 7:53	0.849	0.882	0.849
33	9/20/2016 7:54	0.867	0.91	0.864
34	9/20/2016 7:55	0.858	0.878	0.869
35	9/20/2016 7:56	0.881	0.903	0.83
36	9/20/2016 7:57	0.787	0.824	0.816
37	9/20/2016 7:58	0.735	0.872	0.764
38	9/20/2016 7:59	0.847	0.897	0.83
39	9/20/2016 8:00	0.781	0.834	0.834
40	9/20/2016 8:01	0.782	0.84	0.778
41	9/20/2016 8:02	0.808	0.86	0.748
42	9/20/2016 8:03	0.842	0.915	0.865
43	9/20/2016 8:04	0.772	0.851	0.701
44	9/20/2016 8:05	0.72	0.764	0.668
45	9/20/2016 8:06	0.698	0.743	0.718
46	9/20/2016 8:07	0.681	0.757	0.753
47	9/20/2016 8:08	0.713	0.763	0.722
48	9/20/2016 8:09	0.707	0.749	0.676
49	9/20/2016 8:10	0.718	0.788	0.714
50	9/20/2016 8:11	0.787	0.848	0.779
51	9/20/2016 8:12	0.746	0.787	0.737
52	9/20/2016 8:13	0.816	0.908	0.843
53	9/20/2016 8:14	0.813	0.884	0.833
54	9/20/2016 8:15	0.884	0.923	0.908
55	9/20/2016 8:16	0.993	1.065	0.972
56	9/20/2016 8:17	1.035	1.086	1.078
57	9/20/2016 8:18	1.131	1.159	1.157
58	9/20/2016 8:19	1.296	1.347	1.347
59	9/20/2016 8:20	1.268	1.347	1.3
60	9/20/2016 8:21	1.122	1.348	1.096
61	9/20/2016 8:22	1.133	1.224	1.181
62	9/20/2016 8:23	1.148	1.181	1.15
63	9/20/2016 8:24	1.291	1.473	1.427
64	9/20/2016 8:25	1.285	1.395	1.244
65	9/20/2016 8:26	1.245	1.58	1.154
66	9/20/2016 8:27	1.009	1.141	1.033
67	9/20/2016 8:28	0.987	1.073	1.073
68	9/20/2016 8:29	1.003	1.109	1.054
69	9/20/2016 8:30	0.998	1.053	1.022
70	9/20/2016 8:31	0.982	1.024	0.951
71	9/20/2016 8:32	0.964	1.066	0.873
72	9/20/2016 8:33	0.862	0.964	0.844
73	9/20/2016 8:34	0.917	0.978	0.909
74	9/20/2016 8:35	0.897	0.964	0.874
75	9/20/2016 8:36	0.927	1.045	1.001
76	9/20/2016 8:37	0.977	1.025	1.021
77	9/20/2016 8:38	0.952	1.018	0.859
78	9/20/2016 8:39	0.802	0.88	0.809
79	9/20/2016 8:40	0.77	0.826	0.826
80	9/20/2016 8:41	1.012	1.228	1.049
81	9/20/2016 8:42	0.907	1.045	0.875
82	9/20/2016 8:43	0.854	0.917	0.791
83	9/20/2016 8:44	0.724	0.81	0.81
84	9/20/2016 8:45	0.779	0.839	0.839
85	9/20/2016 8:46	0.799	0.919	0.87
86	9/20/2016 8:47	0.812	0.883	0.704
87	9/20/2016 8:48	0.631	0.79	0.668
88	9/20/2016 8:49	0.82	1.062	0.768
89	9/20/2016 8:50	0.85	0.891	0.891
90	9/20/2016 8:51	0.863	0.971	0.971
91	9/20/2016 8:52	0.798	0.989	0.854
92	9/20/2016 8:53	0.743	0.905	0.77
93	9/20/2016 8:54	0.807	0.935	0.926
94	9/20/2016 8:55	1.046	1.168	1.065
95	9/20/2016 8:56	0.945	1.059	0.868
96	9/20/2016 8:57	0.887	1.01	0.762
97	9/20/2016 8:58	0.895	0.986	0.982
98	9/20/2016 8:59	0.933	1.048	0.905
99	9/20/2016 9:00	0.811	0.915	0.638
100	9/20/2016 9:01	0.594	0.643	0.643
101	9/20/2016 9:02	0.81	0.932	0.906
102	9/20/2016 9:03	0.876	0.941	0.8
103	9/20/2016 9:04	0.777	0.905	0.868
104	9/20/2016 9:05	0.859	1.045	0.955
105	9/20/2016 9:06	0.951	1.026	0.952
106	9/20/2016 9:07	1.006	1.117	0.856
107	9/20/2016 9:08	0.953	1.096	0.846
108	9/20/2016 9:09	0.921	1.108	0.913
109	9/20/2016 9:10	0.871	0.972	0.972
110	9/20/2016 9:11	1.013	1.103	1.097
111	9/20/2016 9:12	1.009	1.087	0.959
112	9/20/2016 9:13	1.113	1.203	1.029
113	9/20/2016 9:14	0.996	1.155	1.001
114	9/20/2016 9:15	1.086	1.148	1.079
115	9/20/2016 9:16	1.191	1.345	1.193
116	9/20/2016 9:17	1.243	1.33	1.278
117	9/20/2016 9:18	1.312	1.348	1.298
118	9/20/2016 9:19	1.436	1.518	1.485
119	9/20/2016 9:20	1.519	1.612	1.605
120	9/20/2016 9:21	1.652	1.761	1.538
121	9/20/2016 9:22	1.599	1.726	1.516
122	9/20/2016 9:23	1.499	1.549	1.549
123	9/20/2016 9:24	1.604	1.697	1.694
124	9/20/2016 9:25	1.692	1.76	1.587
125	9/20/2016 9:26	1.564	1.618	1.618
126	9/20/2016 9:27	1.631	1.666	1.611
127	9/20/2016 9:28	1.84	1.94	1.741
128	9/20/2016 9:29	1.715	1.806	1.675
129	9/20/2016 9:30	1.758	1.895	1.692
130	9/20/2016 9:31	1.775	1.866	1.837
131	9/20/2016 9:32	1.803	1.936	1.663
132	9/20/2016 9:33	1.699	1.779	1.779
133	9/20/2016 9:34	1.878	1.959	1.874
134	9/20/2016 9:35	1.867	1.991	1.783
135	9/20/2016 9:36	1.817	1.917	1.886
136	9/20/2016 9:37	1.927	2.034	1.964
137	9/20/2016 9:38	1.968	2.111	1.887
138	9/20/2016 9:39	1.824	1.983	1.806
139	9/20/2016 9:40	1.887	2.002	2.002
140	9/20/2016 9:41	2.05	2.178	2.178
141	9/20/2016 9:42	2.007	2.19	1.921
142	9/20/2016 9:43	1.872	2.005	1.923
143	9/20/2016 9:44	1.885	1.966	1.905
144	9/20/2016 9:45	1.838	1.953	1.764
145	9/20/2016 9:46	1.841	1.911	1.848
146	9/20/2016 9:47	1.76	1.861	1.709
147	9/20/2016 9:48	1.803	1.903	1.903
148	9/20/2016 9:49	1.872	1.915	1.879
149	9/20/2016 9:50	1.893	1.991	1.813
150	9/20/2016 9:51	1.869	1.918	1.858
151	9/20/2016 9:52	1.825	1.937	1.768
152	9/20/2016 9:53	1.814	1.951	1.837
153	9/20/2016 9:54	1.849	1.974	1.974
154	9/20/2016 9:55	1.907	2.025	1.929
155	9/20/2016 9:56	1.843	1.944	1.705
156	9/20/2016 9:57	1.695	1.807	1.721
157	9/20/2016 9:58	1.618	1.71	1.466
158	9/20/2016 9:59	1.467	1.66	1.418
159	9/20/2016 10:00	1.453	1.609	1.446
160	9/20/2016 10:01	1.521	1.599	1.562

161	9/20/2016 10:02	1.372	1.598	1.252
162	9/20/2016 10:03	1.456	1.667	1.429
163	9/20/2016 10:04	1.309	1.449	1.262
164	9/20/2016 10:05	1.208	1.299	1.178
165	9/20/2016 10:06	1.155	1.253	1.208
166	9/20/2016 10:07	1.105	1.202	0.8
167	9/20/2016 10:08	0.746	0.889	0.627
168	9/20/2016 10:09	0.562	0.673	0.569
169	9/20/2016 10:10	0.677	0.798	0.574
170	9/20/2016 10:11	0.632	0.736	0.722
171	9/20/2016 10:12	0.75	0.854	0.693
172	9/20/2016 10:13	0.67	0.805	0.709
173	9/20/2016 10:14	0.645	0.752	0.578
174	9/20/2016 10:15	0.632	0.678	0.598
175	9/20/2016 10:16	0.435	0.66	0.312
176	9/20/2016 10:17	0.267	0.371	0.152
177	9/20/2016 10:18	0.327	0.546	0.184
178	9/20/2016 10:19	0.252	0.411	0.411
179	9/20/2016 10:20	0.433	0.554	0.443
180	9/20/2016 10:21	0.284	0.476	0.15
181	9/20/2016 10:22	0.178	0.303	0.172
182	9/20/2016 10:23	0.251	0.406	0.213
183	9/20/2016 10:24	0.136	0.2	0.076
184	9/20/2016 10:25	0.16	0.38	0.079
185	9/20/2016 10:26	0.003	0.042	0
186	9/20/2016 10:27	0	0.001	0
187	9/20/2016 10:28	0	0	0
188	9/20/2016 10:29	0	0	0
189	9/20/2016 10:30	0	0	0
190	9/20/2016 10:31	0	0	0
191	9/20/2016 10:32	0	0	0
192	9/20/2016 10:33	0	0	0
193	9/20/2016 10:34	0	0	0
194	9/20/2016 10:35	0	0	0
195	9/20/2016 10:36	0	0	0
196	9/20/2016 10:37	0	0	0
197	9/20/2016 10:38	0	0	0
198	9/20/2016 10:39	0	0	0
199	9/20/2016 10:40	0	0	0
200	9/20/2016 10:41	0	0	0
201	9/20/2016 10:42	0	0	0
202	9/20/2016 10:43	0	0	0
203	9/20/2016 10:44	0	0	0
204	9/20/2016 10:45	0	0	0
205	9/20/2016 10:46	0	0	0
206	9/20/2016 10:47	0	0	0
207	9/20/2016 10:48	0	0	0
208	9/20/2016 10:49	0	0	0
209	9/20/2016 10:50	0	0	0
210	9/20/2016 10:51	0	0	0
211	9/20/2016 10:52	0	0	0
212	9/20/2016 10:53	0	0	0
213	9/20/2016 10:54	0	0	0
214	9/20/2016 10:55	0	0	0
215	9/20/2016 10:56	0	0	0
216	9/20/2016 10:57	0	0	0
217	9/20/2016 10:58	0	0	0
218	9/20/2016 10:59	0	0	0
219	9/20/2016 11:00	0	0	0
220	9/20/2016 11:01	0	0	0
221	9/20/2016 11:02	0	0	0
222	9/20/2016 11:03	0	0	0
223	9/20/2016 11:04	0	0	0
224	9/20/2016 11:05	0	0	0
225	9/20/2016 11:06	0	0	0
226	9/20/2016 11:07	0	0	0
227	9/20/2016 11:08	0	0	0
228	9/20/2016 11:09	0	0	0
229	9/20/2016 11:10	0	0	0
230	9/20/2016 11:11	0	0	0
231	9/20/2016 11:12	0	0	0
232	9/20/2016 11:13	0	0	0
233	9/20/2016 11:14	0	0	0
234	9/20/2016 11:15	0	0	0
235	9/20/2016 11:16	0	0	0
236	9/20/2016 11:17	0	0	0
237	9/20/2016 11:18	0	0	0
238	9/20/2016 11:19	0	0	0
239	9/20/2016 11:20	0	0	0
240	9/20/2016 11:21	0	0	0
241	9/20/2016 11:22	0	0	0
242	9/20/2016 11:23	0	0	0
243	9/20/2016 11:24	0	0	0
244	9/20/2016 11:25	0	0	0
245	9/20/2016 11:26	0	0	0
246	9/20/2016 11:27	0	0	0
247	9/20/2016 11:28	0	0	0
248	9/20/2016 11:29	0	0	0
249	9/20/2016 11:30	0	0	0
250	9/20/2016 11:31	0	0	0
251	9/20/2016 11:32	0	0	0
252	9/20/2016 11:33	0	0	0
253	9/20/2016 11:34	0	0	0
254	9/20/2016 11:35	0	0	0
255	9/20/2016 11:36	0	0	0
256	9/20/2016 11:37	0	0	0
257	9/20/2016 11:38	0	0	0
258	9/20/2016 11:39	0	0	0
259	9/20/2016 11:40	0	0	0
260	9/20/2016 11:41	0	0	0
261	9/20/2016 11:42	0	0	0
262	9/20/2016 11:43	0	0	0
263	9/20/2016 11:44	0	0	0
264	9/20/2016 11:45	0	0	0
265	9/20/2016 11:46	0	0	0
266	9/20/2016 11:47	0	0	0
267	9/20/2016 11:48	0	0	0
268	9/20/2016 11:49	0	0	0
269	9/20/2016 11:50	0	0	0
270	9/20/2016 11:51	0	0	0
271	9/20/2016 11:52	0	0	0
272	9/20/2016 11:53	0	0	0
273	9/20/2016 11:54	0	0	0
274	9/20/2016 11:55	0	0	0
275	9/20/2016 11:56	0	0	0
276	9/20/2016 11:57	0	0	0
277	9/20/2016 11:58	0	0	0
278	9/20/2016 11:59	0	0	0
279	9/20/2016 12:00	0	0	0
280	9/20/2016 12:01	0	0	0
281	9/20/2016 12:02	0	0	0
282	9/20/2016 12:03	0	0	0
283	9/20/2016 12:04	0	0	0
284	9/20/2016 12:05	0	0	0
285	9/20/2016 12:06	0	0	0
286	9/20/2016 12:07	0	0	0
287	9/20/2016 12:08	0	0	0
288	9/20/2016 12:09	0	0	0
289	9/20/2016 12:10	0	0	0
290	9/20/2016 12:11	0	0	0
291	9/20/2016 12:12	0	0	0
292	9/20/2016 12:13	0	0	0
293	9/20/2016 12:14	0	0	0
294	9/20/2016 12:15	0	0	0
295	9/20/2016 12:16	0	0	0
296	9/20/2016 12:17	0	0	0
297	9/20/2016 12:18	0	0	0

188 9/20/2016 12:19 0 0 0

298	9/20/2016 12:19	0	0	0
299	9/20/2016 12:20	0	0	0
300	9/20/2016 12:21	0	0	0
301	9/20/2016 12:22	0	0	0
302	9/20/2016 12:23	0	0	0
303	9/20/2016 12:24	0	0	0
304	9/20/2016 12:25	0	0	0
305	9/20/2016 12:26	0	0	0
306	9/20/2016 12:27	0	0	0
307	9/20/2016 12:28	0	0	0
308	9/20/2016 12:29	0	0	0
309	9/20/2016 12:30	0	0	0
310	9/20/2016 12:31	0	0	0
311	9/20/2016 12:32	0	0	0
312	9/20/2016 12:33	0	0	0
313	9/20/2016 12:34	0	0	0
314	9/20/2016 12:35	0	0	0
315	9/20/2016 12:36	0	0	0
316	9/20/2016 12:37	0	0	0
317	9/20/2016 12:38	0	0	0
318	9/20/2016 12:39	0	0	0
319	9/20/2016 12:40	0	0	0
320	9/20/2016 12:41	0	0	0
321	9/20/2016 12:42	0	0	0
322	9/20/2016 12:43	0	0	0
323	9/20/2016 12:44	0	0	0
324	9/20/2016 12:45	0	0	0
325	9/20/2016 12:46	0	0	0
326	9/20/2016 12:47	0	0	0
Peak		2.05	2.19	2.178
Min		0	0	0
Average		0.605	0.66	0.603

TWA/STEL

Index	Date/Time	VOC(ppm)	
		(TWA)	(STEL)
1	9/20/2016 7:22	0.001	---
2	9/20/2016 7:23	0.002	---
3	9/20/2016 7:24	0.003	---
4	9/20/2016 7:25	0.004	---
5	9/20/2016 7:26	0.006	---
6	9/20/2016 7:27	0.008	---
7	9/20/2016 7:28	0.009	---
8	9/20/2016 7:29	0.012	---
9	9/20/2016 7:30	0.014	---
10	9/20/2016 7:31	0.016	---
11	9/20/2016 7:32	0.018	---
12	9/20/2016 7:33	0.02	---
13	9/20/2016 7:34	0.022	---
14	9/20/2016 7:35	0.024	---
15	9/20/2016 7:36	0.026	0.842
16	9/20/2016 7:37	0.028	0.883
17	9/20/2016 7:38	0.03	0.917
18	9/20/2016 7:39	0.033	0.966
19	9/20/2016 7:40	0.035	0.991
20	9/20/2016 7:41	0.037	1.006
21	9/20/2016 7:42	0.039	1.003
22	9/20/2016 7:43	0.041	1.008
23	9/20/2016 7:44	0.043	1.001
24	9/20/2016 7:45	0.045	0.993
25	9/20/2016 7:46	0.047	0.983
26	9/20/2016 7:47	0.048	0.977
27	9/20/2016 7:48	0.05	0.972
28	9/20/2016 7:49	0.052	0.968
29	9/20/2016 7:50	0.054	0.963
30	9/20/2016 7:51	0.056	0.958
31	9/20/2016 7:52	0.058	0.947
32	9/20/2016 7:53	0.06	0.94
33	9/20/2016 7:54	0.062	0.912
34	9/20/2016 7:55	0.063	0.906
35	9/20/2016 7:56	0.065	0.898
36	9/20/2016 7:57	0.067	0.89
37	9/20/2016 7:58	0.068	0.88
38	9/20/2016 7:59	0.07	0.874
39	9/20/2016 8:00	0.072	0.869
40	9/20/2016 8:01	0.073	0.862
41	9/20/2016 8:02	0.075	0.851
42	9/20/2016 8:03	0.077	0.848
43	9/20/2016 8:04	0.078	0.833
44	9/20/2016 8:05	0.08	0.815
45	9/20/2016 8:06	0.081	0.798
46	9/20/2016 8:07	0.083	0.792
47	9/20/2016 8:08	0.084	0.784
48	9/20/2016 8:09	0.086	0.771
49	9/20/2016 8:10	0.087	0.761
50	9/20/2016 8:11	0.089	0.758
51	9/20/2016 8:12	0.09	0.752
52	9/20/2016 8:13	0.092	0.758
53	9/20/2016 8:14	0.094	0.758
54	9/20/2016 8:15	0.096	0.763
55	9/20/2016 8:16	0.098	0.776
56	9/20/2016 8:17	0.1	0.798
57	9/20/2016 8:18	0.102	0.817
58	9/20/2016 8:19	0.105	0.86
59	9/20/2016 8:20	0.108	0.902
60	9/20/2016 8:21	0.11	0.928
61	9/20/2016 8:22	0.113	0.956
62	9/20/2016 8:23	0.115	0.985
63	9/20/2016 8:24	0.118	1.035
64	9/20/2016 8:25	0.121	1.07
65	9/20/2016 8:26	0.123	1.095
66	9/20/2016 8:27	0.125	1.115
67	9/20/2016 8:28	0.127	1.13
68	9/20/2016 8:29	0.13	1.145
69	9/20/2016 8:30	0.132	1.153
70	9/20/2016 8:31	0.134	1.151
71	9/20/2016 8:32	0.136	1.137
72	9/20/2016 8:33	0.137	1.117
73	9/20/2016 8:34	0.139	1.087
74	9/20/2016 8:35	0.141	1.059
75	9/20/2016 8:36	0.143	1.053
76	9/20/2016 8:37	0.145	1.042
77	9/20/2016 8:38	0.147	1.023
78	9/20/2016 8:39	0.149	0.981
79	9/20/2016 8:40	0.15	0.954
80	9/20/2016 8:41	0.153	0.947
81	9/20/2016 8:42	0.154	0.936
82	9/20/2016 8:43	0.156	0.917
83	9/20/2016 8:44	0.158	0.901
84	9/20/2016 8:45	0.159	0.889
85	9/20/2016 8:46	0.161	0.883
86	9/20/2016 8:47	0.163	0.872
87	9/20/2016 8:48	0.164	0.86
88	9/20/2016 8:49	0.166	0.851
89	9/20/2016 8:50	0.168	0.852
90	9/20/2016 8:51	0.17	0.85
91	9/20/2016 8:52	0.171	0.839
92	9/20/2016 8:53	0.173	0.833
93	9/20/2016 8:54	0.175	0.841
94	9/20/2016 8:55	0.177	0.857
95	9/20/2016 8:56	0.179	0.845
96	9/20/2016 8:57	0.181	0.837
97	9/20/2016 8:58	0.183	0.85
98	9/20/2016 8:59	0.184	0.856
99	9/20/2016 9:00	0.186	0.843
100	9/20/2016 9:01	0.187	0.828

101	9/20/2016 9:02	0.189	0.841
102	9/20/2016 9:03	0.191	0.85
103	9/20/2016 9:04	0.193	0.857
104	9/20/2016 9:05	0.195	0.861
105	9/20/2016 9:06	0.196	0.86
106	9/20/2016 9:07	0.198	0.86
107	9/20/2016 9:08	0.2	0.865
108	9/20/2016 9:09	0.202	0.864
109	9/20/2016 9:10	0.204	0.858
110	9/20/2016 9:11	0.206	0.873
111	9/20/2016 9:12	0.208	0.886
112	9/20/2016 9:13	0.21	0.889
113	9/20/2016 9:14	0.212	0.896
114	9/20/2016 9:15	0.215	0.925
115	9/20/2016 9:16	0.217	0.962
116	9/20/2016 9:17	0.22	0.987
117	9/20/2016 9:18	0.223	1.02
118	9/20/2016 9:19	0.226	1.061
119	9/20/2016 9:20	0.229	1.104
120	9/20/2016 9:21	0.232	1.143
121	9/20/2016 9:22	0.235	1.187
122	9/20/2016 9:23	0.239	1.234
123	9/20/2016 9:24	0.242	1.286
124	9/20/2016 9:25	0.245	1.327
125	9/20/2016 9:26	0.249	1.362
126	9/20/2016 9:27	0.252	1.405
127	9/20/2016 9:28	0.256	1.453
128	9/20/2016 9:29	0.259	1.498
129	9/20/2016 9:30	0.263	1.539
130	9/20/2016 9:31	0.267	1.582
131	9/20/2016 9:32	0.27	1.607
132	9/20/2016 9:33	0.274	1.639
133	9/20/2016 9:34	0.278	1.665
134	9/20/2016 9:35	0.281	1.677
135	9/20/2016 9:36	0.285	1.7
136	9/20/2016 9:37	0.289	1.73
137	9/20/2016 9:38	0.293	1.753
138	9/20/2016 9:39	0.297	1.76
139	9/20/2016 9:40	0.301	1.788
140	9/20/2016 9:41	0.306	1.825
141	9/20/2016 9:42	0.31	1.846
142	9/20/2016 9:43	0.314	1.858
143	9/20/2016 9:44	0.318	1.873
144	9/20/2016 9:45	0.322	1.878
145	9/20/2016 9:46	0.325	1.879
146	9/20/2016 9:47	0.329	1.882
147	9/20/2016 9:48	0.333	1.89
148	9/20/2016 9:49	0.337	1.891
149	9/20/2016 9:50	0.341	1.893
150	9/20/2016 9:51	0.344	1.891
151	9/20/2016 9:52	0.348	1.878
152	9/20/2016 9:53	0.352	1.874
153	9/20/2016 9:54	0.356	1.885
154	9/20/2016 9:55	0.36	1.881
155	9/20/2016 9:56	0.364	1.849
156	9/20/2016 9:57	0.367	1.836
157	9/20/2016 9:58	0.37	1.805
158	9/20/2016 9:59	0.373	1.773
159	9/20/2016 10:00	0.376	1.752
160	9/20/2016 10:01	0.379	1.733
161	9/20/2016 10:02	0.382	1.702
162	9/20/2016 10:03	0.385	1.67
163	9/20/2016 10:04	0.388	1.629
164	9/20/2016 10:05	0.39	1.587
165	9/20/2016 10:06	0.393	1.544
166	9/20/2016 10:07	0.394	1.479
167	9/20/2016 10:08	0.396	1.398
168	9/20/2016 10:09	0.397	1.305
169	9/20/2016 10:10	0.398	1.214
170	9/20/2016 10:11	0.4	1.149
171	9/20/2016 10:12	0.401	1.08
172	9/20/2016 10:13	0.402	1.03
173	9/20/2016 10:14	0.404	0.974
174	9/20/2016 10:15	0.405	0.917
175	9/20/2016 10:16	0.406	0.834
176	9/20/2016 10:17	0.406	0.761
177	9/20/2016 10:18	0.406	0.678
178	9/20/2016 10:19	0.407	0.621
179	9/20/2016 10:20	0.408	0.572
180	9/20/2016 10:21	0.408	0.501
181	9/20/2016 10:22	0.409	0.46
182	9/20/2016 10:23	0.409	0.432
183	9/20/2016 10:24	0.409	0.399
184	9/20/2016 10:25	0.409	0.366
185	9/20/2016 10:26	0.409	0.318
186	9/20/2016 10:27	0.409	0.272
187	9/20/2016 10:28	0.409	0.225
188	9/20/2016 10:29	0.409	0.186
189	9/20/2016 10:30	0.409	0.146
190	9/20/2016 10:31	0.409	0.125
191	9/20/2016 10:32	0.409	0.115
192	9/20/2016 10:33	0.409	0.103
193	9/20/2016 10:34	0.409	0.076
194	9/20/2016 10:35	0.409	0.046
195	9/20/2016 10:36	0.409	0.036
196	9/20/2016 10:37	0.409	0.025
197	9/20/2016 10:38	0.409	0.01
198	9/20/2016 10:39	0.409	0.005
199	9/20/2016 10:40	0.409	0
200	9/20/2016 10:41	0.409	0
201	9/20/2016 10:42	0.409	0
202	9/20/2016 10:43	0.409	0
203	9/20/2016 10:44	0.409	0
204	9/20/2016 10:45	0.409	0
205	9/20/2016 10:46	0.409	0
206	9/20/2016 10:47	0.409	0
207	9/20/2016 10:48	0.409	0
208	9/20/2016 10:49	0.409	0
209	9/20/2016 10:50	0.409	0
210	9/20/2016 10:51	0.409	0
211	9/20/2016 10:52	0.409	0
212	9/20/2016 10:53	0.409	0
213	9/20/2016 10:54	0.409	0
214	9/20/2016 10:55	0.409	0
215	9/20/2016 10:56	0.409	0
216	9/20/2016 10:57	0.409	0
217	9/20/2016 10:58	0.409	0
218	9/20/2016 10:59	0.409	0
219	9/20/2016 11:00	0.409	0
220	9/20/2016 11:01	0.409	0
221	9/20/2016 11:02	0.409	0
222	9/20/2016 11:03	0.409	0
223	9/20/2016 11:04	0.409	0
224	9/20/2016 11:05	0.409	0
225	9/20/2016 11:06	0.409	0
226	9/20/2016 11:07	0.409	0
227	9/20/2016 11:08	0.409	0
228	9/20/2016 11:09	0.409	0
229	9/20/2016 11:10	0.409	0
230	9/20/2016 11:11	0.409	0
231	9/20/2016 11:12	0.409	0
232	9/20/2016 11:13	0.409	0
233	9/20/2016 11:14	0.409	0
234	9/20/2016 11:15	0.409	0
235	9/20/2016 11:16	0.409	0
236	9/20/2016 11:17	0.409	0
237	9/20/2016 11:18	0.409	0

238	9/20/2016 11:19	0.409	0
239	9/20/2016 11:20	0.409	0
240	9/20/2016 11:21	0.409	0
241	9/20/2016 11:22	0.409	0
242	9/20/2016 11:23	0.409	0
243	9/20/2016 11:24	0.409	0
244	9/20/2016 11:25	0.409	0

245	9/20/2016 11:26	0.409	0
246	9/20/2016 11:27	0.409	0
247	9/20/2016 11:28	0.409	0
248	9/20/2016 11:29	0.409	0
249	9/20/2016 11:30	0.409	0
250	9/20/2016 11:31	0.409	0
251	9/20/2016 11:32	0.409	0
252	9/20/2016 11:33	0.409	0
253	9/20/2016 11:34	0.409	0
254	9/20/2016 11:35	0.409	0
255	9/20/2016 11:36	0.409	0
256	9/20/2016 11:37	0.409	0
257	9/20/2016 11:38	0.409	0
258	9/20/2016 11:39	0.409	0
259	9/20/2016 11:40	0.409	0
260	9/20/2016 11:41	0.409	0
261	9/20/2016 11:42	0.409	0
262	9/20/2016 11:43	0.409	0
263	9/20/2016 11:44	0.409	0
264	9/20/2016 11:45	0.409	0
265	9/20/2016 11:46	0.409	0
266	9/20/2016 11:47	0.409	0
267	9/20/2016 11:48	0.409	0
268	9/20/2016 11:49	0.409	0
269	9/20/2016 11:50	0.409	0
270	9/20/2016 11:51	0.409	0
271	9/20/2016 11:52	0.409	0
272	9/20/2016 11:53	0.409	0
273	9/20/2016 11:54	0.409	0
274	9/20/2016 11:55	0.409	0
275	9/20/2016 11:56	0.409	0
276	9/20/2016 11:57	0.409	0
277	9/20/2016 11:58	0.409	0
278	9/20/2016 11:59	0.409	0
279	9/20/2016 12:00	0.409	0
280	9/20/2016 12:01	0.409	0
281	9/20/2016 12:02	0.409	0
282	9/20/2016 12:03	0.409	0
283	9/20/2016 12:04	0.409	0
284	9/20/2016 12:05	0.409	0
285	9/20/2016 12:06	0.409	0
286	9/20/2016 12:07	0.409	0
287	9/20/2016 12:08	0.409	0
288	9/20/2016 12:09	0.409	0
289	9/20/2016 12:10	0.409	0
290	9/20/2016 12:11	0.409	0
291	9/20/2016 12:12	0.409	0
292	9/20/2016 12:13	0.409	0
293	9/20/2016 12:14	0.409	0
294	9/20/2016 12:15	0.409	0
295	9/20/2016 12:16	0.409	0
296	9/20/2016 12:17	0.409	0
297	9/20/2016 12:18	0.409	0
298	9/20/2016 12:19	0.409	0
299	9/20/2016 12:20	0.409	0
300	9/20/2016 12:21	0.409	0
301	9/20/2016 12:22	0.409	0
302	9/20/2016 12:23	0.409	0
303	9/20/2016 12:24	0.409	0
304	9/20/2016 12:25	0.409	0
305	9/20/2016 12:26	0.409	0
306	9/20/2016 12:27	0.409	0
307	9/20/2016 12:28	0.409	0
308	9/20/2016 12:29	0.409	0
309	9/20/2016 12:30	0.409	0
310	9/20/2016 12:31	0.409	0
311	9/20/2016 12:32	0.409	0
312	9/20/2016 12:33	0.409	0
313	9/20/2016 12:34	0.409	0
314	9/20/2016 12:35	0.409	0
315	9/20/2016 12:36	0.409	0
316	9/20/2016 12:37	0.409	0
317	9/20/2016 12:38	0.409	0
318	9/20/2016 12:39	0.409	0
319	9/20/2016 12:40	0.409	0
320	9/20/2016 12:41	0.409	0
321	9/20/2016 12:42	0.409	0
322	9/20/2016 12:43	0.409	0
323	9/20/2016 12:44	0.409	0
324	9/20/2016 12:45	0.409	0
325	9/20/2016 12:46	0.409	0
326	9/20/2016 12:47	0.409	0

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16/09/20 12:49

Summary	

Unit Name	MiniRAE 3000(PGM-7320)
Unit SN	592-908978
Unit Firmware Ver	V1.20

Running Mode	Hygiene Mode
Measure Type	Avg; Max; Real
Datalog Mode	Continuous
Datalog Type	Auto
Diagnostic Mode	No
Stop Reason	Pause in Menu Mode

Site ID	12345678
User ID	12345678

Begin	9/20/2016 12:49
End	9/20/2016 12:49
Sample Period(s)	60
Number of Records	0

Sensor	VOC(ppm)
Span	100
Span 2	N/A
Low Alarm	50
High Alarm	100
Over Alarm	15000
STEL Alarm	100
TWA Alarm	50
Measurement Gas	Isobutylene
Calibration Time	9/20/2016 7:17

Datalog

0 record.

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16/09/20 12:50

Summary

Unit Name	MiniRAE 3000(PGM-7320)
Unit SN	592-908978
Unit Firmware Ver	V1.20

Running Mode	Hygiene Mode
Measure Type	Avg; Max; Real
Datalog Mode	Continuous
Datalog Type	Auto
Diagnostic Mode	No
Stop Reason	Power Down

Site ID	12345678
User ID	12345678

Begin	9/20/2016 12:50
End	9/20/2016 15:08
Sample Period(s)	60
Number of Records	138

Sensor	VOC(ppm)
Span	100
Span 2	N/A
Low Alarm	50
High Alarm	100
Over Alarm	15000
STEL Alarm	100
TWA Alarm	50
Measurement Gas	Isobutylene
Calibration Time	9/20/2016 7:17
Peak	0
Min	0
Average	0

Datalog

Index	Date/Time	VOC(ppm)	VOC(ppm)	VOC(ppm)
		(Avg)	(Max)	(Real)
1	9/20/2016 12:51	0	0	0
2	9/20/2016 12:52	0	0	0
3	9/20/2016 12:53	0	0	0
4	9/20/2016 12:54	0	0	0
5	9/20/2016 12:55	0	0	0
6	9/20/2016 12:56	0	0	0
7	9/20/2016 12:57	0	0	0
8	9/20/2016 12:58	0	0	0
9	9/20/2016 12:59	0	0	0
10	9/20/2016 13:00	0	0	0
11	9/20/2016 13:01	0	0	0
12	9/20/2016 13:02	0	0	0
13	9/20/2016 13:03	0	0	0
14	9/20/2016 13:04	0	0	0
15	9/20/2016 13:05	0	0	0
16	9/20/2016 13:06	0	0	0
17	9/20/2016 13:07	0	0	0
18	9/20/2016 13:08	0	0	0
19	9/20/2016 13:09	0	0	0
20	9/20/2016 13:10	0	0	0
21	9/20/2016 13:11	0	0	0
22	9/20/2016 13:12	0	0	0
23	9/20/2016 13:13	0	0	0
24	9/20/2016 13:14	0	0	0
25	9/20/2016 13:15	0	0	0
26	9/20/2016 13:16	0	0	0
27	9/20/2016 13:17	0	0	0
28	9/20/2016 13:18	0	0	0
29	9/20/2016 13:19	0	0	0
30	9/20/2016 13:20	0	0	0
31	9/20/2016 13:21	0	0	0
32	9/20/2016 13:22	0	0	0
33	9/20/2016 13:23	0	0	0
34	9/20/2016 13:24	0	0	0
35	9/20/2016 13:25	0	0	0
36	9/20/2016 13:26	0	0	0
37	9/20/2016 13:27	0	0	0
38	9/20/2016 13:28	0	0	0
39	9/20/2016 13:29	0	0	0
40	9/20/2016 13:30	0	0	0
41	9/20/2016 13:31	0	0	0
42	9/20/2016 13:32	0	0	0
43	9/20/2016 13:33	0	0	0
44	9/20/2016 13:34	0	0	0
45	9/20/2016 13:35	0	0	0
46	9/20/2016 13:36	0	0	0
47	9/20/2016 13:37	0	0	0
48	9/20/2016 13:38	0	0	0
49	9/20/2016 13:39	0	0	0
50	9/20/2016 13:40	0	0	0
51	9/20/2016 13:41	0	0	0
52	9/20/2016 13:42	0	0	0
53	9/20/2016 13:43	0	0	0
54	9/20/2016 13:44	0	0	0
55	9/20/2016 13:45	0	0	0
56	9/20/2016 13:46	0	0	0
57	9/20/2016 13:47	0	0	0
58	9/20/2016 13:48	0	0	0
59	9/20/2016 13:49	0	0	0
60	9/20/2016 13:50	0	0	0
61	9/20/2016 13:51	0	0	0
62	9/20/2016 13:52	0	0	0
63	9/20/2016 13:53	0	0	0
64	9/20/2016 13:54	0	0	0
65	9/20/2016 13:55	0	0	0
66	9/20/2016 13:56	0	0	0
67	9/20/2016 13:57	0	0	0
68	9/20/2016 13:58	0	0	0
69	9/20/2016 13:59	0	0	0
70	9/20/2016 14:00	0	0	0
71	9/20/2016 14:01	0	0	0
72	9/20/2016 14:02	0	0	0
73	9/20/2016 14:03	0	0	0
74	9/20/2016 14:04	0	0	0
75	9/20/2016 14:05	0	0	0
76	9/20/2016 14:06	0	0	0
77	9/20/2016 14:07	0	0	0
78	9/20/2016 14:08	0	0	0
79	9/20/2016 14:09	0	0	0
80	9/20/2016 14:10	0	0	0
81	9/20/2016 14:11	0	0	0
82	9/20/2016 14:12	0	0	0
83	9/20/2016 14:13	0	0	0
84	9/20/2016 14:14	0	0	0
85	9/20/2016 14:15	0	0	0
86	9/20/2016 14:16	0	0	0
87	9/20/2016 14:17	0	0	0
88	9/20/2016 14:18	0	0	0
89	9/20/2016 14:19	0	0	0
90	9/20/2016 14:20	0	0	0

	91	9/20/2016 14:21	0	0	0
	92	9/20/2016 14:22	0	0	0
	93	9/20/2016 14:23	0	0	0
	94	9/20/2016 14:24	0	0	0
	95	9/20/2016 14:25	0	0	0
	96	9/20/2016 14:26	0	0	0
	97	9/20/2016 14:27	0	0	0
	98	9/20/2016 14:28	0	0	0
	99	9/20/2016 14:29	0	0	0
	100	9/20/2016 14:30	0	0	0
	101	9/20/2016 14:31	0	0	0
	102	9/20/2016 14:32	0	0	0
	103	9/20/2016 14:33	0	0	0
	104	9/20/2016 14:34	0	0	0
	105	9/20/2016 14:35	0	0	0
	106	9/20/2016 14:36	0	0	0
	107	9/20/2016 14:37	0	0	0
	108	9/20/2016 14:38	0	0	0
	109	9/20/2016 14:39	0	0	0
	110	9/20/2016 14:40	0	0	0
	111	9/20/2016 14:41	0	0	0
	112	9/20/2016 14:42	0	0	0
	113	9/20/2016 14:43	0	0	0
	114	9/20/2016 14:44	0	0	0
	115	9/20/2016 14:45	0	0	0
	116	9/20/2016 14:46	0	0	0
	117	9/20/2016 14:47	0	0	0
	118	9/20/2016 14:48	0	0	0
	119	9/20/2016 14:49	0	0	0
	120	9/20/2016 14:50	0	0	0
	121	9/20/2016 14:51	0	0	0
	122	9/20/2016 14:52	0	0	0
	123	9/20/2016 14:53	0	0	0
	124	9/20/2016 14:54	0	0	0
	125	9/20/2016 14:55	0	0	0
	126	9/20/2016 14:56	0	0	0
	127	9/20/2016 14:57	0	0	0
	128	9/20/2016 14:58	0	0	0
	129	9/20/2016 14:59	0	0	0
	130	9/20/2016 15:00	0	0	0
	131	9/20/2016 15:01	0	0	0
	132	9/20/2016 15:02	0	0	0
	133	9/20/2016 15:03	0	0	0
	134	9/20/2016 15:04	0	0	0
	135	9/20/2016 15:05	0	0	0
	136	9/20/2016 15:06	0	0	0
	137	9/20/2016 15:07	0	0	0
	138	9/20/2016 15:08	0	0	0
Peak			0	0	0
Min			0	0	0
Average			0	0	0

TWA/STEL

Index	Date/Time	VOC(ppm)	
		(TWA)	(STEL)
1	9/20/2016 12:51	0	---
2	9/20/2016 12:52	0	---
3	9/20/2016 12:53	0	---
4	9/20/2016 12:54	0	---
5	9/20/2016 12:55	0	---
6	9/20/2016 12:56	0	---
7	9/20/2016 12:57	0	---
8	9/20/2016 12:58	0	---
9	9/20/2016 12:59	0	---
10	9/20/2016 13:00	0	---
11	9/20/2016 13:01	0	---
12	9/20/2016 13:02	0	---
13	9/20/2016 13:03	0	---
14	9/20/2016 13:04	0	---
15	9/20/2016 13:05	0	0
16	9/20/2016 13:06	0	0
17	9/20/2016 13:07	0	0
18	9/20/2016 13:08	0	0
19	9/20/2016 13:09	0	0
20	9/20/2016 13:10	0	0
21	9/20/2016 13:11	0	0
22	9/20/2016 13:12	0	0
23	9/20/2016 13:13	0	0
24	9/20/2016 13:14	0	0
25	9/20/2016 13:15	0	0
26	9/20/2016 13:16	0	0
27	9/20/2016 13:17	0	0
28	9/20/2016 13:18	0	0
29	9/20/2016 13:19	0	0
30	9/20/2016 13:20	0	0
31	9/20/2016 13:21	0	0
32	9/20/2016 13:22	0	0
33	9/20/2016 13:23	0	0
34	9/20/2016 13:24	0	0
35	9/20/2016 13:25	0	0
36	9/20/2016 13:26	0	0
37	9/20/2016 13:27	0	0
38	9/20/2016 13:28	0	0
39	9/20/2016 13:29	0	0
40	9/20/2016 13:30	0	0
41	9/20/2016 13:31	0	0

42	9/20/2016 13:32	0	0
43	9/20/2016 13:33	0	0
44	9/20/2016 13:34	0	0
45	9/20/2016 13:35	0	0
46	9/20/2016 13:36	0	0
47	9/20/2016 13:37	0	0
48	9/20/2016 13:38	0	0
49	9/20/2016 13:39	0	0
50	9/20/2016 13:40	0	0
51	9/20/2016 13:41	0	0
52	9/20/2016 13:42	0	0
53	9/20/2016 13:43	0	0
54	9/20/2016 13:44	0	0
55	9/20/2016 13:45	0	0
56	9/20/2016 13:46	0	0
57	9/20/2016 13:47	0	0
58	9/20/2016 13:48	0	0
59	9/20/2016 13:49	0	0
60	9/20/2016 13:50	0	0
61	9/20/2016 13:51	0	0
62	9/20/2016 13:52	0	0
63	9/20/2016 13:53	0	0
64	9/20/2016 13:54	0	0
65	9/20/2016 13:55	0	0
66	9/20/2016 13:56	0	0
67	9/20/2016 13:57	0	0
68	9/20/2016 13:58	0	0
69	9/20/2016 13:59	0	0
70	9/20/2016 14:00	0	0
71	9/20/2016 14:01	0	0
72	9/20/2016 14:02	0	0
73	9/20/2016 14:03	0	0
74	9/20/2016 14:04	0	0
75	9/20/2016 14:05	0	0
76	9/20/2016 14:06	0	0
77	9/20/2016 14:07	0	0
78	9/20/2016 14:08	0	0
79	9/20/2016 14:09	0	0
80	9/20/2016 14:10	0	0
81	9/20/2016 14:11	0	0
82	9/20/2016 14:12	0	0
83	9/20/2016 14:13	0	0
84	9/20/2016 14:14	0	0
85	9/20/2016 14:15	0	0
86	9/20/2016 14:16	0	0
87	9/20/2016 14:17	0	0
88	9/20/2016 14:18	0	0
89	9/20/2016 14:19	0	0
90	9/20/2016 14:20	0	0
91	9/20/2016 14:21	0	0
92	9/20/2016 14:22	0	0
93	9/20/2016 14:23	0	0
94	9/20/2016 14:24	0	0
95	9/20/2016 14:25	0	0
96	9/20/2016 14:26	0	0
97	9/20/2016 14:27	0	0
98	9/20/2016 14:28	0	0
99	9/20/2016 14:29	0	0
100	9/20/2016 14:30	0	0
101	9/20/2016 14:31	0	0
102	9/20/2016 14:32	0	0
103	9/20/2016 14:33	0	0
104	9/20/2016 14:34	0	0
105	9/20/2016 14:35	0	0
106	9/20/2016 14:36	0	0
107	9/20/2016 14:37	0	0
108	9/20/2016 14:38	0	0
109	9/20/2016 14:39	0	0
110	9/20/2016 14:40	0	0
111	9/20/2016 14:41	0	0
112	9/20/2016 14:42	0	0
113	9/20/2016 14:43	0	0
114	9/20/2016 14:44	0	0
115	9/20/2016 14:45	0	0
116	9/20/2016 14:46	0	0
117	9/20/2016 14:47	0	0
118	9/20/2016 14:48	0	0
119	9/20/2016 14:49	0	0
120	9/20/2016 14:50	0	0
121	9/20/2016 14:51	0	0
122	9/20/2016 14:52	0	0
123	9/20/2016 14:53	0	0
124	9/20/2016 14:54	0	0
125	9/20/2016 14:55	0	0
126	9/20/2016 14:56	0	0
127	9/20/2016 14:57	0	0
128	9/20/2016 14:58	0	0
129	9/20/2016 14:59	0	0
130	9/20/2016 15:00	0	0
131	9/20/2016 15:01	0	0
132	9/20/2016 15:02	0	0
133	9/20/2016 15:03	0	0
134	9/20/2016 15:04	0	0
135	9/20/2016 15:05	0	0
136	9/20/2016 15:06	0	0
137	9/20/2016 15:07	0	0
138	9/20/2016 15:08	0	0

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16/09/20 17:29

Summary

Unit Name	MiniRAE 3000(PGM-7320)
Unit SN	592-908978
Unit Firmware Ver	V1.20

Running Mode	Hygiene Mode
Measure Type	Avg; Max; Real
Datalog Mode	Continuous
Datalog Type	Auto
Diagnostic Mode	No
Stop Reason	Pause in Communication Mode

Site ID	12345678
User ID	12345678

Begin	9/20/2016 17:29
End	9/20/2016 17:30
Sample Period(s)	60
Number of Records	0

Sensor	VOC(ppm)
Span	100
Span 2	N/A
Low Alarm	50
High Alarm	100
Over Alarm	15000
STEL Alarm	100
TWA Alarm	50
Measurement Gas	Isobutylene
Calibration Time	9/20/2016 7:17

Datalog

0 record.

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16/09/21 07:28

Summary

Unit Name	MiniRAE 3000(PGM-7320)
Unit SN	592-908978
Unit Firmware Ver	V1.20
Running Mode	Hygiene Mode
Measure Type	Avg; Max; Real
Datalog Mode	Continuous
Datalog Type	Auto
Diagnostic Mode	No
Stop Reason	Pause in Menu Mode

Site ID	12345678
User ID	12345678

Begin	9/21/2016 7:28
End	9/21/2016 10:12
Sample Period(s)	60
Number of Records	163

Sensor	VOC(ppm)
Span	100
Span 2	N/A
Low Alarm	50
High Alarm	100
Over Alarm	15000
STEL Alarm	100
TWA Alarm	50
Measurement Gas	Isobutylene
Calibration Time	9/21/2016 7:27
Peak	1.67
Min	0
Average	0.921

Datalog

Index	Date/Time	VOC(ppm)	VOC(ppm)	VOC(ppm)
		(Avg)	(Max)	(Real)
1	9/21/2016 7:29	0.003	0.066	0
2	9/21/2016 7:30	0.032	0.434	0.434
3	9/21/2016 7:31	0.23	0.861	0.202
4	9/21/2016 7:32	0.229	0.703	0.103
5	9/21/2016 7:33	0.137	0.189	0.188
6	9/21/2016 7:34	0.145	0.233	0.233
7	9/21/2016 7:35	0.255	0.287	0.274
8	9/21/2016 7:36	0.265	0.286	0.286
9	9/21/2016 7:37	0.305	0.389	0.38
10	9/21/2016 7:38	0.423	0.51	0.468
11	9/21/2016 7:39	0.416	0.466	0.415
12	9/21/2016 7:40	0.477	0.591	0.45
13	9/21/2016 7:41	0.425	0.456	0.437
14	9/21/2016 7:42	0.415	0.446	0.403
15	9/21/2016 7:43	0.349	0.402	0.315
16	9/21/2016 7:44	0.293	0.315	0.28
17	9/21/2016 7:45	0.28	0.285	0.273
18	9/21/2016 7:46	0.282	0.324	0.324
19	9/21/2016 7:47	0.349	0.402	0.312
20	9/21/2016 7:48	0.305	0.336	0.333
21	9/21/2016 7:49	0.357	0.392	0.341
22	9/21/2016 7:50	0.345	0.363	0.355
23	9/21/2016 7:51	0.378	0.405	0.371
24	9/21/2016 7:52	0.389	0.402	0.369
25	9/21/2016 7:53	0.385	0.4	0.389
26	9/21/2016 7:54	0.397	0.426	0.392
27	9/21/2016 7:55	0.409	0.439	0.439
28	9/21/2016 7:56	0.46	0.512	0.512
29	9/21/2016 7:57	0.532	0.548	0.54
30	9/21/2016 7:58	0.555	0.578	0.569
31	9/21/2016 7:59	0.606	0.684	0.684
32	9/21/2016 8:00	0.663	0.688	0.639
33	9/21/2016 8:01	0.65	0.675	0.675
34	9/21/2016 8:02	0.657	0.713	0.596
35	9/21/2016 8:03	0.631	0.668	0.64

36	9/21/2016 8:04	0.635	0.661	0.661
37	9/21/2016 8:05	0.707	0.743	0.723
38	9/21/2016 8:06	0.715	0.73	0.703
39	9/21/2016 8:07	0.69	0.708	0.684
40	9/21/2016 8:08	0.852	0.92	0.82
41	9/21/2016 8:09	0.799	0.823	0.792
42	9/21/2016 8:10	0.811	0.826	0.805
43	9/21/2016 8:11	0.734	0.807	0.688
44	9/21/2016 8:12	0.67	0.718	0.588
45	9/21/2016 8:13	0.563	0.677	0.493
46	9/21/2016 8:14	0.645	0.808	0.803
47	9/21/2016 8:15	0.739	0.834	0.726
48	9/21/2016 8:16	0.616	0.727	0.567
49	9/21/2016 8:17	0.639	0.71	0.636
50	9/21/2016 8:18	0.618	0.686	0.685
51	9/21/2016 8:19	0.782	0.905	0.705
52	9/21/2016 8:20	0.803	0.981	0.981
53	9/21/2016 8:21	0.851	1.006	0.825
54	9/21/2016 8:22	0.835	0.874	0.874
55	9/21/2016 8:23	0.928	1.1	1.1
56	9/21/2016 8:24	1.029	1.174	0.855
57	9/21/2016 8:25	0.893	0.993	0.993
58	9/21/2016 8:26	1.03	1.062	1.044
59	9/21/2016 8:27	1.091	1.135	1.057
60	9/21/2016 8:28	1.084	1.11	1.11
61	9/21/2016 8:29	1.167	1.199	1.144
62	9/21/2016 8:30	1.127	1.196	1.196
63	9/21/2016 8:31	1.261	1.343	1.294
64	9/21/2016 8:32	1.143	1.262	1.133
65	9/21/2016 8:33	1.101	1.274	1.274
66	9/21/2016 8:34	1.108	1.274	1.036
67	9/21/2016 8:35	1.055	1.128	1.051
68	9/21/2016 8:36	1.124	1.225	1.214
69	9/21/2016 8:37	1.231	1.365	1.365
70	9/21/2016 8:38	1.278	1.376	1.158
71	9/21/2016 8:39	1.047	1.241	1.063
72	9/21/2016 8:40	1.188	1.249	1.2
73	9/21/2016 8:41	1.151	1.272	1.077
74	9/21/2016 8:42	1.082	1.183	1.018
75	9/21/2016 8:43	1.041	1.131	1.126
76	9/21/2016 8:44	1.021	1.112	1.032
77	9/21/2016 8:45	1.119	1.231	1.231
78	9/21/2016 8:46	1.148	1.274	1.116
79	9/21/2016 8:47	1.111	1.228	1.032
80	9/21/2016 8:48	1.158	1.335	1.335
81	9/21/2016 8:49	1.205	1.341	1.283
82	9/21/2016 8:50	1.336	1.462	1.233
83	9/21/2016 8:51	1.155	1.305	1.069
84	9/21/2016 8:52	1.031	1.165	0.997
85	9/21/2016 8:53	1.064	1.183	1.178
86	9/21/2016 8:54	1.08	1.165	1.132
87	9/21/2016 8:55	1.037	1.151	0.964
88	9/21/2016 8:56	0.998	1.105	1.102
89	9/21/2016 8:57	1.03	1.116	0.908
90	9/21/2016 8:58	1.06	1.133	1.069
91	9/21/2016 8:59	0.97	1.098	0.887
92	9/21/2016 9:00	0.966	1.077	0.941
93	9/21/2016 9:01	1.015	1.096	0.993
94	9/21/2016 9:02	1.065	1.138	0.994
95	9/21/2016 9:03	1.015	1.11	1.038
96	9/21/2016 9:04	0.983	1.101	0.977
97	9/21/2016 9:05	0.962	1.002	1.002
98	9/21/2016 9:06	1.044	1.085	1.083
99	9/21/2016 9:07	1.26	1.429	1.429
100	9/21/2016 9:08	1.239	1.427	1.026
101	9/21/2016 9:09	1.036	1.137	1.04
102	9/21/2016 9:10	1.03	1.17	0.994
103	9/21/2016 9:11	1.096	1.327	1.237
104	9/21/2016 9:12	1.155	1.266	1.205
105	9/21/2016 9:13	1.04	1.194	0.992
106	9/21/2016 9:14	0.989	1.043	1.043
107	9/21/2016 9:15	1.261	1.47	1.31
108	9/21/2016 9:16	1.295	1.361	1.347
109	9/21/2016 9:17	1.377	1.564	1.256
110	9/21/2016 9:18	1.152	1.476	0.951
111	9/21/2016 9:19	1.227	1.435	1.331
112	9/21/2016 9:20	1.233	1.6	1.201

	113	9/21/2016 9:21	1.305	1.587	1.105
	114	9/21/2016 9:22	1.089	1.145	1.016
	115	9/21/2016 9:23	1.042	1.112	0.93
	116	9/21/2016 9:24	1.102	1.205	1.119
	117	9/21/2016 9:25	1.054	1.221	0.923
	118	9/21/2016 9:26	1.082	1.265	1.057
	119	9/21/2016 9:27	1.1	1.317	0.972
	120	9/21/2016 9:28	0.938	1.025	0.963
	121	9/21/2016 9:29	1.25	1.567	1.277
	122	9/21/2016 9:30	1.144	1.302	1.106
	123	9/21/2016 9:31	1.047	1.42	1.42
	124	9/21/2016 9:32	1.305	1.606	1.345
	125	9/21/2016 9:33	1.386	1.534	1.519
	126	9/21/2016 9:34	1.197	1.517	1.027
	127	9/21/2016 9:35	0.932	1.037	0.971
	128	9/21/2016 9:36	1.014	1.116	1.116
	129	9/21/2016 9:37	1.142	1.24	1.24
	130	9/21/2016 9:38	1.185	1.408	1.033
	131	9/21/2016 9:39	1.02	1.361	1.361
	132	9/21/2016 9:40	0.981	1.37	0.847
	133	9/21/2016 9:41	0.926	1.109	1.051
	134	9/21/2016 9:42	1.076	1.206	1.14
	135	9/21/2016 9:43	1.202	1.365	1.16
	136	9/21/2016 9:44	1.117	1.217	1.135
	137	9/21/2016 9:45	1.264	1.402	1.357
	138	9/21/2016 9:46	1.559	1.67	1.67
	139	9/21/2016 9:47	1.481	1.718	1.535
	140	9/21/2016 9:48	1.488	1.612	1.301
	141	9/21/2016 9:49	1.45	1.602	1.561
	142	9/21/2016 9:50	1.388	1.591	1.413
	143	9/21/2016 9:51	1.245	1.457	1.131
	144	9/21/2016 9:52	1.318	1.392	1.335
	145	9/21/2016 9:53	1.232	1.333	1.25
	146	9/21/2016 9:54	1.311	1.509	1.255
	147	9/21/2016 9:55	1.235	1.317	1.276
	148	9/21/2016 9:56	1.336	1.497	1.426
	149	9/21/2016 9:57	1.412	1.541	1.358
	150	9/21/2016 9:58	1.354	1.506	1.305
	151	9/21/2016 9:59	1.365	1.439	1.357
	152	9/21/2016 10:00	1.354	1.452	1.317
	153	9/21/2016 10:01	1.229	1.385	1.117
	154	9/21/2016 10:02	1.079	1.285	1.051
	155	9/21/2016 10:03	1.001	1.074	1.056
	156	9/21/2016 10:04	0.999	1.059	1.017
	157	9/21/2016 10:05	0.99	1.123	0.944
	158	9/21/2016 10:06	0.848	1.005	0.855
	159	9/21/2016 10:07	0.88	0.947	0.857
	160	9/21/2016 10:08	0.791	0.864	0.714
	161	9/21/2016 10:09	0.696	0.772	0.657
	162	9/21/2016 10:10	0.661	0.769	0.622
	163	9/21/2016 10:11	0.663	0.723	0.723
Peak			1.559	1.718	1.67
Min			0.003	0.066	0
Average			0.915	1.034	0.921

TWA/STEL

Index	Date/Time	VOC(ppm)	
		(TWA)	(STEL)
1	9/21/2016 7:29	0	---
2	9/21/2016 7:30	0.001	---
3	9/21/2016 7:31	0.001	---
4	9/21/2016 7:32	0.002	---
5	9/21/2016 7:33	0.002	---
6	9/21/2016 7:34	0.002	---
7	9/21/2016 7:35	0.003	---
8	9/21/2016 7:36	0.004	---
9	9/21/2016 7:37	0.004	---
10	9/21/2016 7:38	0.005	---
11	9/21/2016 7:39	0.006	---
12	9/21/2016 7:40	0.007	---
13	9/21/2016 7:41	0.008	---
14	9/21/2016 7:42	0.009	---
15	9/21/2016 7:43	0.01	0.306
16	9/21/2016 7:44	0.01	0.325
17	9/21/2016 7:45	0.011	0.314
18	9/21/2016 7:46	0.011	0.322

19	9/21/2016 7:47	0.012	0.336
20	9/21/2016 7:48	0.013	0.346
21	9/21/2016 7:49	0.013	0.353
22	9/21/2016 7:50	0.014	0.358
23	9/21/2016 7:51	0.015	0.364
24	9/21/2016 7:52	0.016	0.363
25	9/21/2016 7:53	0.017	0.358
26	9/21/2016 7:54	0.017	0.356
27	9/21/2016 7:55	0.018	0.356
28	9/21/2016 7:56	0.019	0.361
29	9/21/2016 7:57	0.02	0.37
30	9/21/2016 7:58	0.022	0.387
31	9/21/2016 7:59	0.023	0.414
32	9/21/2016 8:00	0.024	0.438
33	9/21/2016 8:01	0.026	0.461
34	9/21/2016 8:02	0.027	0.48
35	9/21/2016 8:03	0.028	0.501
36	9/21/2016 8:04	0.03	0.522
37	9/21/2016 8:05	0.031	0.547
38	9/21/2016 8:06	0.033	0.569
39	9/21/2016 8:07	0.034	0.59
40	9/21/2016 8:08	0.036	0.618
41	9/21/2016 8:09	0.038	0.645
42	9/21/2016 8:10	0.039	0.67
43	9/21/2016 8:11	0.041	0.681
44	9/21/2016 8:12	0.042	0.684
45	9/21/2016 8:13	0.043	0.679
46	9/21/2016 8:14	0.045	0.687
47	9/21/2016 8:15	0.046	0.693
48	9/21/2016 8:16	0.047	0.686
49	9/21/2016 8:17	0.049	0.689
50	9/21/2016 8:18	0.05	0.692
51	9/21/2016 8:19	0.051	0.695
52	9/21/2016 8:20	0.054	0.712
53	9/21/2016 8:21	0.055	0.72
54	9/21/2016 8:22	0.057	0.733
55	9/21/2016 8:23	0.059	0.751
56	9/21/2016 8:24	0.061	0.755
57	9/21/2016 8:25	0.063	0.768
58	9/21/2016 8:26	0.065	0.792
59	9/21/2016 8:27	0.068	0.823
60	9/21/2016 8:28	0.07	0.864
61	9/21/2016 8:29	0.072	0.887
62	9/21/2016 8:30	0.075	0.918
63	9/21/2016 8:31	0.077	0.967
64	9/21/2016 8:32	0.08	1
65	9/21/2016 8:33	0.082	1.039
66	9/21/2016 8:34	0.085	1.061
67	9/21/2016 8:35	0.087	1.066
68	9/21/2016 8:36	0.089	1.092
69	9/21/2016 8:37	0.092	1.124
70	9/21/2016 8:38	0.095	1.128
71	9/21/2016 8:39	0.097	1.142
72	9/21/2016 8:40	0.099	1.156
73	9/21/2016 8:41	0.102	1.158
74	9/21/2016 8:42	0.104	1.156
75	9/21/2016 8:43	0.106	1.157
76	9/21/2016 8:44	0.108	1.149
77	9/21/2016 8:45	0.111	1.151
78	9/21/2016 8:46	0.113	1.14
79	9/21/2016 8:47	0.115	1.133
80	9/21/2016 8:48	0.118	1.137
81	9/21/2016 8:49	0.121	1.153
82	9/21/2016 8:50	0.123	1.166
83	9/21/2016 8:51	0.125	1.156
84	9/21/2016 8:52	0.128	1.131
85	9/21/2016 8:53	0.13	1.133
86	9/21/2016 8:54	0.132	1.137
87	9/21/2016 8:55	0.134	1.122
88	9/21/2016 8:56	0.137	1.123
89	9/21/2016 8:57	0.139	1.116
90	9/21/2016 8:58	0.141	1.112
91	9/21/2016 8:59	0.143	1.102
92	9/21/2016 9:00	0.145	1.083
93	9/21/2016 9:01	0.147	1.075
94	9/21/2016 9:02	0.149	1.072
95	9/21/2016 9:03	0.151	1.053

96	9/21/2016 9:04	0.153	1.032
97	9/21/2016 9:05	0.155	1.017
98	9/21/2016 9:06	0.157	1.018
99	9/21/2016 9:07	0.16	1.046
100	9/21/2016 9:08	0.162	1.036
101	9/21/2016 9:09	0.165	1.03
102	9/21/2016 9:10	0.167	1.032
103	9/21/2016 9:11	0.169	1.041
104	9/21/2016 9:12	0.172	1.061
105	9/21/2016 9:13	0.174	1.056
106	9/21/2016 9:14	0.176	1.066
107	9/21/2016 9:15	0.179	1.091
108	9/21/2016 9:16	0.181	1.114
109	9/21/2016 9:17	0.184	1.132
110	9/21/2016 9:18	0.186	1.126
111	9/21/2016 9:19	0.189	1.15
112	9/21/2016 9:20	0.191	1.163
113	9/21/2016 9:21	0.194	1.164
114	9/21/2016 9:22	0.196	1.137
115	9/21/2016 9:23	0.198	1.131
116	9/21/2016 9:24	0.2	1.136
117	9/21/2016 9:25	0.202	1.131
118	9/21/2016 9:26	0.204	1.119
119	9/21/2016 9:27	0.206	1.104
120	9/21/2016 9:28	0.208	1.102
121	9/21/2016 9:29	0.211	1.117
122	9/21/2016 9:30	0.213	1.104
123	9/21/2016 9:31	0.216	1.108
124	9/21/2016 9:32	0.219	1.114
125	9/21/2016 9:33	0.222	1.152
126	9/21/2016 9:34	0.224	1.132
127	9/21/2016 9:35	0.226	1.117
128	9/21/2016 9:36	0.229	1.117
129	9/21/2016 9:37	0.231	1.132
130	9/21/2016 9:38	0.233	1.139
131	9/21/2016 9:39	0.236	1.155
132	9/21/2016 9:40	0.238	1.15
133	9/21/2016 9:41	0.24	1.15
134	9/21/2016 9:42	0.242	1.161
135	9/21/2016 9:43	0.245	1.174
136	9/21/2016 9:44	0.247	1.165
137	9/21/2016 9:45	0.25	1.181
138	9/21/2016 9:46	0.254	1.198
139	9/21/2016 9:47	0.257	1.211
140	9/21/2016 9:48	0.259	1.196
141	9/21/2016 9:49	0.263	1.232
142	9/21/2016 9:50	0.266	1.261
143	9/21/2016 9:51	0.268	1.262
144	9/21/2016 9:52	0.271	1.269
145	9/21/2016 9:53	0.273	1.283
146	9/21/2016 9:54	0.276	1.276
147	9/21/2016 9:55	0.279	1.305
148	9/21/2016 9:56	0.282	1.33
149	9/21/2016 9:57	0.284	1.344
150	9/21/2016 9:58	0.287	1.354
151	9/21/2016 9:59	0.29	1.369
152	9/21/2016 10:00	0.293	1.366
153	9/21/2016 10:01	0.295	1.329
154	9/21/2016 10:02	0.297	1.297
155	9/21/2016 10:03	0.299	1.281
156	9/21/2016 10:04	0.302	1.244
157	9/21/2016 10:05	0.304	1.213
158	9/21/2016 10:06	0.305	1.195
159	9/21/2016 10:07	0.307	1.163
160	9/21/2016 10:08	0.309	1.127
161	9/21/2016 10:09	0.31	1.087
162	9/21/2016 10:10	0.311	1.044
163	9/21/2016 10:11	0.313	0.997

=====

16/09/21 10:17

Summary

Unit Name	MiniRAE 3000(PGM-7320)
Unit SN	592-908978
Unit Firmware Ver	V1.20

Running Mode

Measure Type

Datalog Mode

Datalog Type

Diagnostic Mode

Stop Reason

Hygiene Mode

Avg; Max; Real

Continuous

Auto

No

Power Down

Site ID

User ID

12345678

12345678

Begin

End

Sample Period(s)

Number of Records

9/21/2016 10:17

9/21/2016 15:28

60

310

Sensor

Span

Span 2

Low Alarm

High Alarm

Over Alarm

STEL Alarm

TWA Alarm

Measurement Gas

Calibration Time

Peak

Min

Average

VOC(ppm)

100

N/A

50

100

15000

100

50

Isobutylene

9/21/2016 10:16

0

0

0

Datalog

Index	Date/Time	VOC(ppm)	VOC(ppm)	VOC(ppm)
		(Avg)	(Max)	(Real)
1	9/21/2016 10:18	0	0	0
2	9/21/2016 10:19	0	0	0
3	9/21/2016 10:20	0	0	0
4	9/21/2016 10:21	0	0	0
5	9/21/2016 10:22	0	0	0
6	9/21/2016 10:23	0	0	0
7	9/21/2016 10:24	0	0	0
8	9/21/2016 10:25	0	0	0
9	9/21/2016 10:26	0	0	0
10	9/21/2016 10:27	0	0	0
11	9/21/2016 10:28	0	0	0
12	9/21/2016 10:29	0	0	0
13	9/21/2016 10:30	0	0	0
14	9/21/2016 10:31	0.013	0.203	0
15	9/21/2016 10:32	0	0	0
16	9/21/2016 10:33	0	0	0
17	9/21/2016 10:34	0	0	0
18	9/21/2016 10:35	0	0	0
19	9/21/2016 10:36	0	0	0
20	9/21/2016 10:37	0	0	0
21	9/21/2016 10:38	0	0	0
22	9/21/2016 10:39	0	0	0
23	9/21/2016 10:40	0	0	0
24	9/21/2016 10:41	0	0	0
25	9/21/2016 10:42	0	0	0
26	9/21/2016 10:43	0	0	0
27	9/21/2016 10:44	0	0	0
28	9/21/2016 10:45	0	0	0
29	9/21/2016 10:46	0	0	0
30	9/21/2016 10:47	0	0	0
31	9/21/2016 10:48	0	0	0
32	9/21/2016 10:49	0	0	0
33	9/21/2016 10:50	0	0	0
34	9/21/2016 10:51	0	0	0
35	9/21/2016 10:52	0	0	0
36	9/21/2016 10:53	0	0	0
37	9/21/2016 10:54	0	0	0
38	9/21/2016 10:55	0	0	0
39	9/21/2016 10:56	0	0	0
40	9/21/2016 10:57	0	0	0
41	9/21/2016 10:58	0	0	0
42	9/21/2016 10:59	0	0	0
43	9/21/2016 11:00	0	0	0
44	9/21/2016 11:01	0	0	0

45	9/21/2016 11:02	0	0	0
46	9/21/2016 11:03	0	0	0
47	9/21/2016 11:04	0	0	0
48	9/21/2016 11:05	0	0	0
49	9/21/2016 11:06	0	0	0
50	9/21/2016 11:07	0	0	0
51	9/21/2016 11:08	0	0	0
52	9/21/2016 11:09	0	0	0
53	9/21/2016 11:10	0	0	0
54	9/21/2016 11:11	0	0	0
55	9/21/2016 11:12	0	0	0
56	9/21/2016 11:13	0	0	0
57	9/21/2016 11:14	0	0	0
58	9/21/2016 11:15	0	0	0
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62	9/21/2016 11:19	0	0	0
63	9/21/2016 11:20	0	0	0
64	9/21/2016 11:21	0	0	0
65	9/21/2016 11:22	0	0	0
66	9/21/2016 11:23	0	0	0
67	9/21/2016 11:24	0	0	0
68	9/21/2016 11:25	0	0	0
69	9/21/2016 11:26	0	0	0
70	9/21/2016 11:27	0	0	0
71	9/21/2016 11:28	0	0	0
72	9/21/2016 11:29	0	0	0
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101	9/21/2016 11:58	0	0	0
102	9/21/2016 11:59	0	0	0
103	9/21/2016 12:00	0	0	0
104	9/21/2016 12:01	0	0	0
105	9/21/2016 12:02	0	0	0
106	9/21/2016 12:03	0	0	0
107	9/21/2016 12:04	0	0	0
108	9/21/2016 12:05	0	0	0
109	9/21/2016 12:06	0	0	0
110	9/21/2016 12:07	0	0	0
111	9/21/2016 12:08	0	0	0
112	9/21/2016 12:09	0	0	0
113	9/21/2016 12:10	0	0	0
114	9/21/2016 12:11	0	0	0
115	9/21/2016 12:12	0	0	0
116	9/21/2016 12:13	0	0	0
117	9/21/2016 12:14	0	0	0
118	9/21/2016 12:15	0	0	0
119	9/21/2016 12:16	0	0	0
120	9/21/2016 12:17	0	0	0
121	9/21/2016 12:18	0	0	0

122	9/21/2016 12:19	0	0	0
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124	9/21/2016 12:21	0	0	0
125	9/21/2016 12:22	0	0	0
126	9/21/2016 12:23	0	0	0
127	9/21/2016 12:24	0	0	0
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166	9/21/2016 13:03	0	0	0
167	9/21/2016 13:04	0	0	0
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173	9/21/2016 13:10	0	0	0
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176	9/21/2016 13:13	0	0	0
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191	9/21/2016 13:28	0	0	0
192	9/21/2016 13:29	0	0	0
193	9/21/2016 13:30	0	0	0
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197	9/21/2016 13:34	0	0	0
198	9/21/2016 13:35	0	0	0

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202	9/21/2016 13:39	0	0	0
203	9/21/2016 13:40	0	0	0
204	9/21/2016 13:41	0	0	0
205	9/21/2016 13:42	0	0	0
206	9/21/2016 13:43	0	0	0
207	9/21/2016 13:44	0	0	0
208	9/21/2016 13:45	0	0	0
209	9/21/2016 13:46	0	0	0
210	9/21/2016 13:47	0	0	0
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216	9/21/2016 13:53	0	0	0
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220	9/21/2016 13:57	0	0	0
221	9/21/2016 13:58	0	0	0
222	9/21/2016 13:59	0	0	0
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224	9/21/2016 14:01	0	0	0
225	9/21/2016 14:02	0	0	0
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227	9/21/2016 14:04	0	0	0
228	9/21/2016 14:05	0	0	0
229	9/21/2016 14:06	0	0	0
230	9/21/2016 14:07	0	0	0
231	9/21/2016 14:08	0	0	0
232	9/21/2016 14:09	0	0	0
233	9/21/2016 14:10	0	0	0
234	9/21/2016 14:11	0	0	0
235	9/21/2016 14:12	0	0	0
236	9/21/2016 14:13	0	0	0
237	9/21/2016 14:14	0	0	0
238	9/21/2016 14:15	0	0	0
239	9/21/2016 14:16	0	0	0
240	9/21/2016 14:17	0	0	0
241	9/21/2016 14:18	0	0	0
242	9/21/2016 14:19	0	0	0
243	9/21/2016 14:20	0	0	0
244	9/21/2016 14:21	0	0	0
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248	9/21/2016 14:25	0	0	0
249	9/21/2016 14:26	0	0	0
250	9/21/2016 14:27	0	0	0
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252	9/21/2016 14:29	0	0	0
253	9/21/2016 14:30	0	0	0
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263	9/21/2016 14:40	0	0	0
264	9/21/2016 14:41	0	0	0
265	9/21/2016 14:42	0	0	0
266	9/21/2016 14:43	0	0	0
267	9/21/2016 14:44	0	0	0
268	9/21/2016 14:45	0	0	0
269	9/21/2016 14:46	0	0	0
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271	9/21/2016 14:48	0	0	0
272	9/21/2016 14:49	0	0	0
273	9/21/2016 14:50	0	0	0
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275	9/21/2016 14:52	0	0	0

	276	9/21/2016 14:53	0	0	0
	277	9/21/2016 14:54	0	0	0
	278	9/21/2016 14:55	0	0	0
	279	9/21/2016 14:56	0	0	0
	280	9/21/2016 14:57	0	0	0
	281	9/21/2016 14:58	0	0	0
	282	9/21/2016 14:59	0	0	0
	283	9/21/2016 15:00	0	0	0
	284	9/21/2016 15:01	0	0	0
	285	9/21/2016 15:02	0	0	0
	286	9/21/2016 15:03	0	0	0
	287	9/21/2016 15:04	0	0	0
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	300	9/21/2016 15:17	0	0	0
	301	9/21/2016 15:18	0	0	0
	302	9/21/2016 15:19	0	0	0
	303	9/21/2016 15:20	0	0	0
	304	9/21/2016 15:21	0	0	0
	305	9/21/2016 15:22	0	0	0
	306	9/21/2016 15:23	0	0	0
	307	9/21/2016 15:24	0	0	0
	308	9/21/2016 15:25	0	0	0
	309	9/21/2016 15:26	0	0	0
	310	9/21/2016 15:27	0	0	0
Peak			0.013	0.203	0
Min			0	0	0
Average			0	0.001	0

TWA/STEL

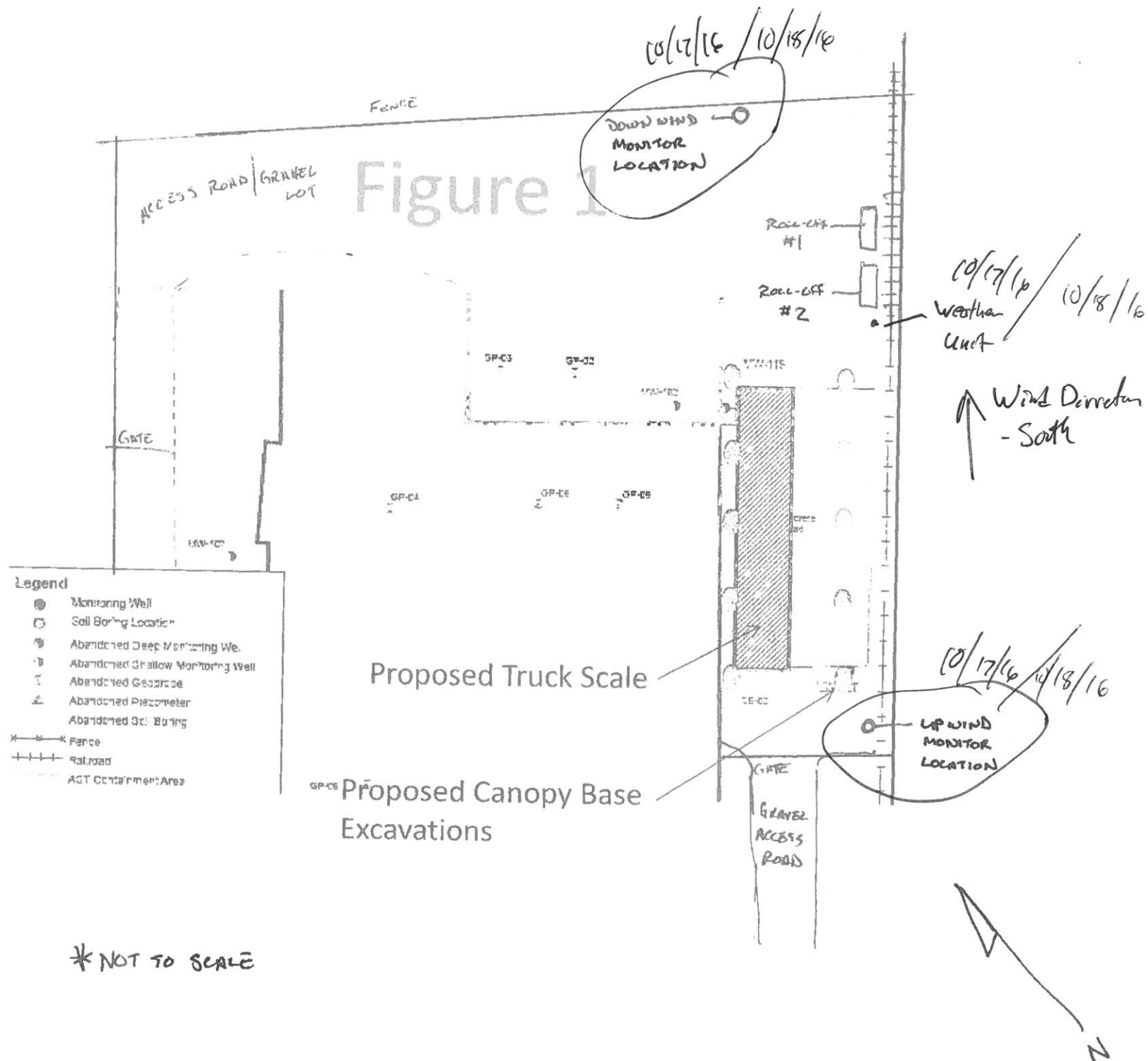
Index	Date/Time		VOC(ppm)	VOC(ppm)
			(TWA)	(STEL)
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	2	9/21/2016 10:19	0	---
	3	9/21/2016 10:20	0	---
	4	9/21/2016 10:21	0	---
	5	9/21/2016 10:22	0	---
	6	9/21/2016 10:23	0	---
	7	9/21/2016 10:24	0	---
	8	9/21/2016 10:25	0	---
	9	9/21/2016 10:26	0	---
	10	9/21/2016 10:27	0	---
	11	9/21/2016 10:28	0	---
	12	9/21/2016 10:29	0	---
	13	9/21/2016 10:30	0	---
	14	9/21/2016 10:31	0	---
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	16	9/21/2016 10:33	0	0
	17	9/21/2016 10:34	0	0
	18	9/21/2016 10:35	0	0
	19	9/21/2016 10:36	0	0
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	21	9/21/2016 10:38	0	0
	22	9/21/2016 10:39	0	0
	23	9/21/2016 10:40	0	0
	24	9/21/2016 10:41	0	0
	25	9/21/2016 10:42	0	0
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	27	9/21/2016 10:44	0	0
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	31	9/21/2016 10:48	0	0
	32	9/21/2016 10:49	0	0
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	34	9/21/2016 10:51	0	0

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45	9/21/2016 11:02	0	0
46	9/21/2016 11:03	0	0
47	9/21/2016 11:04	0	0
48	9/21/2016 11:05	0	0
49	9/21/2016 11:06	0	0
50	9/21/2016 11:07	0	0
51	9/21/2016 11:08	0	0
52	9/21/2016 11:09	0	0
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54	9/21/2016 11:11	0	0
55	9/21/2016 11:12	0	0
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70	9/21/2016 11:27	0	0
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72	9/21/2016 11:29	0	0
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80	9/21/2016 11:37	0	0
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85	9/21/2016 11:42	0	0
86	9/21/2016 11:43	0	0
87	9/21/2016 11:44	0	0
88	9/21/2016 11:45	0	0
89	9/21/2016 11:46	0	0
90	9/21/2016 11:47	0	0
91	9/21/2016 11:48	0	0
92	9/21/2016 11:49	0	0
93	9/21/2016 11:50	0	0
94	9/21/2016 11:51	0	0
95	9/21/2016 11:52	0	0
96	9/21/2016 11:53	0	0
97	9/21/2016 11:54	0	0
98	9/21/2016 11:55	0	0
99	9/21/2016 11:56	0	0
100	9/21/2016 11:57	0	0
101	9/21/2016 11:58	0	0
102	9/21/2016 11:59	0	0
103	9/21/2016 12:00	0	0
104	9/21/2016 12:01	0	0
105	9/21/2016 12:02	0	0
106	9/21/2016 12:03	0	0
107	9/21/2016 12:04	0	0
108	9/21/2016 12:05	0	0
109	9/21/2016 12:06	0	0
110	9/21/2016 12:07	0	0
111	9/21/2016 12:08	0	0

112	9/21/2016 12:09	0	0
113	9/21/2016 12:10	0	0
114	9/21/2016 12:11	0	0
115	9/21/2016 12:12	0	0
116	9/21/2016 12:13	0	0
117	9/21/2016 12:14	0	0
118	9/21/2016 12:15	0	0
119	9/21/2016 12:16	0	0
120	9/21/2016 12:17	0	0
121	9/21/2016 12:18	0	0
122	9/21/2016 12:19	0	0
123	9/21/2016 12:20	0	0
124	9/21/2016 12:21	0	0
125	9/21/2016 12:22	0	0
126	9/21/2016 12:23	0	0
127	9/21/2016 12:24	0	0
128	9/21/2016 12:25	0	0
129	9/21/2016 12:26	0	0
130	9/21/2016 12:27	0	0
131	9/21/2016 12:28	0	0
132	9/21/2016 12:29	0	0
133	9/21/2016 12:30	0	0
134	9/21/2016 12:31	0	0
135	9/21/2016 12:32	0	0
136	9/21/2016 12:33	0	0
137	9/21/2016 12:34	0	0
138	9/21/2016 12:35	0	0
139	9/21/2016 12:36	0	0
140	9/21/2016 12:37	0	0
141	9/21/2016 12:38	0	0
142	9/21/2016 12:39	0	0
143	9/21/2016 12:40	0	0
144	9/21/2016 12:41	0	0
145	9/21/2016 12:42	0	0
146	9/21/2016 12:43	0	0
147	9/21/2016 12:44	0	0
148	9/21/2016 12:45	0	0
149	9/21/2016 12:46	0	0
150	9/21/2016 12:47	0	0
151	9/21/2016 12:48	0	0
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153	9/21/2016 12:50	0	0
154	9/21/2016 12:51	0	0
155	9/21/2016 12:52	0	0
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157	9/21/2016 12:54	0	0
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160	9/21/2016 12:57	0	0
161	9/21/2016 12:58	0	0
162	9/21/2016 12:59	0	0
163	9/21/2016 13:00	0	0
164	9/21/2016 13:01	0	0
165	9/21/2016 13:02	0	0
166	9/21/2016 13:03	0	0
167	9/21/2016 13:04	0	0
168	9/21/2016 13:05	0	0
169	9/21/2016 13:06	0	0
170	9/21/2016 13:07	0	0
171	9/21/2016 13:08	0	0
172	9/21/2016 13:09	0	0
173	9/21/2016 13:10	0	0
174	9/21/2016 13:11	0	0
175	9/21/2016 13:12	0	0
176	9/21/2016 13:13	0	0
177	9/21/2016 13:14	0	0
178	9/21/2016 13:15	0	0
179	9/21/2016 13:16	0	0
180	9/21/2016 13:17	0	0
181	9/21/2016 13:18	0	0
182	9/21/2016 13:19	0	0
183	9/21/2016 13:20	0	0
184	9/21/2016 13:21	0	0
185	9/21/2016 13:22	0	0
186	9/21/2016 13:23	0	0
187	9/21/2016 13:24	0	0
188	9/21/2016 13:25	0	0

189	9/21/2016 13:26	0	0
190	9/21/2016 13:27	0	0
191	9/21/2016 13:28	0	0
192	9/21/2016 13:29	0	0
193	9/21/2016 13:30	0	0
194	9/21/2016 13:31	0	0
195	9/21/2016 13:32	0	0
196	9/21/2016 13:33	0	0
197	9/21/2016 13:34	0	0
198	9/21/2016 13:35	0	0
199	9/21/2016 13:36	0	0
200	9/21/2016 13:37	0	0
201	9/21/2016 13:38	0	0
202	9/21/2016 13:39	0	0
203	9/21/2016 13:40	0	0
204	9/21/2016 13:41	0	0
205	9/21/2016 13:42	0	0
206	9/21/2016 13:43	0	0
207	9/21/2016 13:44	0	0
208	9/21/2016 13:45	0	0
209	9/21/2016 13:46	0	0
210	9/21/2016 13:47	0	0
211	9/21/2016 13:48	0	0
212	9/21/2016 13:49	0	0
213	9/21/2016 13:50	0	0
214	9/21/2016 13:51	0	0
215	9/21/2016 13:52	0	0
216	9/21/2016 13:53	0	0
217	9/21/2016 13:54	0	0
218	9/21/2016 13:55	0	0
219	9/21/2016 13:56	0	0
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221	9/21/2016 13:58	0	0
222	9/21/2016 13:59	0	0
223	9/21/2016 14:00	0	0
224	9/21/2016 14:01	0	0
225	9/21/2016 14:02	0	0
226	9/21/2016 14:03	0	0
227	9/21/2016 14:04	0	0
228	9/21/2016 14:05	0	0
229	9/21/2016 14:06	0	0
230	9/21/2016 14:07	0	0
231	9/21/2016 14:08	0	0
232	9/21/2016 14:09	0	0
233	9/21/2016 14:10	0	0
234	9/21/2016 14:11	0	0
235	9/21/2016 14:12	0	0
236	9/21/2016 14:13	0	0
237	9/21/2016 14:14	0	0
238	9/21/2016 14:15	0	0
239	9/21/2016 14:16	0	0
240	9/21/2016 14:17	0	0
241	9/21/2016 14:18	0	0
242	9/21/2016 14:19	0	0
243	9/21/2016 14:20	0	0
244	9/21/2016 14:21	0	0
245	9/21/2016 14:22	0	0
246	9/21/2016 14:23	0	0
247	9/21/2016 14:24	0	0
248	9/21/2016 14:25	0	0
249	9/21/2016 14:26	0	0
250	9/21/2016 14:27	0	0
251	9/21/2016 14:28	0	0
252	9/21/2016 14:29	0	0
253	9/21/2016 14:30	0	0
254	9/21/2016 14:31	0	0
255	9/21/2016 14:32	0	0
256	9/21/2016 14:33	0	0
257	9/21/2016 14:34	0	0
258	9/21/2016 14:35	0	0
259	9/21/2016 14:36	0	0
260	9/21/2016 14:37	0	0
261	9/21/2016 14:38	0	0
262	9/21/2016 14:39	0	0
263	9/21/2016 14:40	0	0
264	9/21/2016 14:41	0	0
265	9/21/2016 14:42	0	0

266	9/21/2016 14:43	0	0
267	9/21/2016 14:44	0	0
268	9/21/2016 14:45	0	0
269	9/21/2016 14:46	0	0
270	9/21/2016 14:47	0	0
271	9/21/2016 14:48	0	0
272	9/21/2016 14:49	0	0
273	9/21/2016 14:50	0	0
274	9/21/2016 14:51	0	0
275	9/21/2016 14:52	0	0
276	9/21/2016 14:53	0	0
277	9/21/2016 14:54	0	0
278	9/21/2016 14:55	0	0
279	9/21/2016 14:56	0	0
280	9/21/2016 14:57	0	0
281	9/21/2016 14:58	0	0
282	9/21/2016 14:59	0	0
283	9/21/2016 15:00	0	0
284	9/21/2016 15:01	0	0
285	9/21/2016 15:02	0	0
286	9/21/2016 15:03	0	0
287	9/21/2016 15:04	0	0
288	9/21/2016 15:05	0	0
289	9/21/2016 15:06	0	0
290	9/21/2016 15:07	0	0
291	9/21/2016 15:08	0	0
292	9/21/2016 15:09	0	0
293	9/21/2016 15:10	0	0
294	9/21/2016 15:11	0	0
295	9/21/2016 15:12	0	0
296	9/21/2016 15:13	0	0
297	9/21/2016 15:14	0	0
298	9/21/2016 15:15	0	0
299	9/21/2016 15:16	0	0
300	9/21/2016 15:17	0	0
301	9/21/2016 15:18	0	0
302	9/21/2016 15:19	0	0
303	9/21/2016 15:20	0	0
304	9/21/2016 15:21	0	0
305	9/21/2016 15:22	0	0
306	9/21/2016 15:23	0	0
307	9/21/2016 15:24	0	0
308	9/21/2016 15:25	0	0
309	9/21/2016 15:26	0	0
310	9/21/2016 15:27	0	0



Design & Consultancy
for natural and
built assets

[illegible]

From 30 countries
for natural and
built assets

Monitor Frequency: 1/hr

[illegible]

Note ① Baseline: 0.7 ppm @ Set-up @ 0855

② @ 0910 Contractors saw cutting & hammering concrete, requested additional Dust Suppression to lower levels.

Design & Consultants
for natural and
built assets

Monitor Frequency: 1/hr

[illegible]

Part per million
Percent
Miligram per cubic meter

CIT Colorimetric Indicator Tube

Note: Start work @ 0955, Begin Removing concrete from South side of excavation.

- No activity for 1045 $\rightarrow$ 11:30
- Bottaris Dred on Dr @ 1100 $\rightarrow$ 11:30 to Roride Butlines
- Bottaris Dred on up @ 1300 $\rightarrow$ 11:30
- No work conducted @ 1245 $\rightarrow$ 1330 for Lunch Break.
- No intrusive work conducted from 1 to 2

TSM + project number plus date as follows: xxxxxxxx.xxxx.xxxx - dd/mm/year



Project Name: <u>Univar</u>			Project Location: <u>General Mr</u>	
Date: <u>10/17/16</u>	Time: <u>0800</u>	Conducted by: <u>DZurke</u>	Signature/Title: <u>[Signature] -SSO</u>	

Issues or concerns from previous day's activities:

Task anticipated to be performed today:

☐ Additional permits/checklists attached

USE TRACK! Evaluate the hazards (h) for the tasks being performed today and rank as Low (L), Medium (M) or High (H). Use relevant JSAs, FHSB, permit or other work standard to communicate controls (c) to be used to eliminate or mitigate identified hazards.

☒ Gravity (i.e., ladder, scaffold, trips) (L M H) ☒ Motion (i.e., traffic, moving water) (L M H) ☐ Mechanical (i.e., augers, motors) (L M H)

h: STF

c: Review work done through threads

☒ Motion (i.e. traffic, moving water) (1 M H)
h: trucks
c: eye contact

☐ Mechanical (i.e., augers, motors) (L M H)☐ Electrical (i.e., utilities, lightning) (L M H)☐ Pressure (i.e., gas cyl., wells) (L M H)

☒ Environment (i.e., heat, cold, ice) (L M H)

h: _____

c: _____

h: _____

c: _____

c: Current PPE for Env.

☒ Chemical (i.e., fuel, acid, paint) (L M H)☐ Biological (i.e., ticks, poison ivy) (L M H)☐ Radiation (i.e., alpha, sun, laser) (L M H)

h: Protectal impared Soils
g: PPE

h: _____

c: _____

h: _____

c: _____

☒ Sound (i.e. machinery) (LM H)

☐ Personal (i.e. alone, night) (L M H)☒ Driving (i.e. car, ATV, boat, dozer) (L M H)

h: Herz Egypt
c: Herz Egypt

h: _____

c: _____

h: to + from site

☐ Refer to the attached Hazard Analysis Sheet(s) or JSA

Comments:

Signature and Certification: I have read and understand the project specific HASP for this project.

Printed Name/Signature/Company,

Sign In Time

Sign Out
Time

I will **STOP** the job any time anyone is concerned or uncertain about health & safety or if anyone identifies a hazard or additional mitigation not recorded in the site, project, job or task hazard assessment.

I **will be** alert to any changes in personnel, conditions at the work site or hazards not covered by the original hazard assessments.

If it is necessary to **STOP THE JOB**, I will perform **TRACK**; and then amend the hazard assessments on the HASP as needed.

I will not assist a subcontractor or other party with their work unless it is absolutely necessary and then only after I have done TRACK and I have thoroughly controlled the hazard.

All site staff should arrive fit for work. If not, they should report to the supervisor any restrictions or concerns.

In the event of an injury, employees will call **WorkCare at 1.800.455.6155** and then notify the field supervisor.

Utility strike, motor vehicle accident or 3rd party property damage - field supervisor will immediately notify the Project or Task Manager

Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530152016
Firmware Version	3.3
Calibration Date	5/18/2015
Test Name	MANUAL_001
Test Start Time	8:43:59 AM
Test Start Date	10/17/2016
Test Length [D:H:M]	0:00:01
Test Interval [M:S]	1:00
Mass Average [mg/m3]	0.035
Mass Minimum [mg/m3]	0.035
Mass Maximum [mg/m3]	0.035
Mass TWA [mg/m3]	0
Photometric User Cal	0.82
Flow User Cal	0
Errors	
Number of Samples	1

Elapsed Time [s]	Mass [mg/m3]	Alarms	Errors
60	0.035	1	

Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530152016
Firmware Version	3.3
Calibration Date	5/18/2015
Test Name	MANUAL_002
Test Start Time	8:45:56 AM
Test Start Date	10/17/2016
Test Length [D:H:M]	0:07:09
Test Interval [M:S]	1:00
Mass Average [mg/m3]	0.03
Mass Minimum [mg/m3]	0.024
Mass Maximum [mg/m3]	0.153
Mass TWA [mg/m3]	0.026
Photometric User Cal	0.82
Flow User Cal	0
Errors	
Number of Samples	429

Elapsed Time [s]	Mass [mg/m3]	Alarms	Errors
60	0.031		
120	0.03		
180	0.03		
240	0.03		
300	0.03		
360	0.029		
420	0.029		
480	0.029		
540	0.028		
600	0.028		
660	0.028		
720	0.028		
780	0.029		
840	0.031		
900	0.031		
960	0.034		
1020	0.094		
1080	0.153	1;2	
1140	0.115		2
1200	0.094		
1260	0.123		2
1320	0.108		2
1380	0.101		2
1440	0.058		
1500	0.032		
1560	0.034		
1620	0.035		
1680	0.031		
1740	0.029		
1800	0.03		
1860	0.028		
1920	0.028		
1980	0.028		
2040	0.029		
2100	0.027		
2160	0.028		
2220	0.027		
2280	0.027		
2340	0.028		
2400	0.028		
2460	0.027		
2520	0.026		
2580	0.028		
2640	0.028		
2700	0.03		
2760	0.03		
2820	0.027		
2880	0.029		
2940	0.028		
3000	0.027		
3060	0.026		
3120	0.027		
3180	0.028		
3240	0.026		
3300	0.028		
3360	0.027		
3420	0.026		

3480	0.026
3540	0.026
3600	0.026
3660	0.027
3720	0.029
3780	0.031
3840	0.028
3900	0.028
3960	0.028
4020	0.027
4080	0.026
4140	0.026
4200	0.026
4260	0.025
4320	0.027
4380	0.026
4440	0.025
4500	0.026
4560	0.025
4620	0.025
4680	0.025
4740	0.026
4800	0.026
4860	0.025
4920	0.025
4980	0.026
5040	0.026
5100	0.028
5160	0.027
5220	0.027
5280	0.028
5340	0.029
5400	0.03
5460	0.031
5520	0.03
5580	0.031
5640	0.03
5700	0.028
5760	0.028
5820	0.028
5880	0.027
5940	0.032
6000	0.029
6060	0.028
6120	0.029
6180	0.028
6240	0.026
6300	0.026
6360	0.028
6420	0.026
6480	0.025
6540	0.027
6600	0.027
6660	0.026
6720	0.025
6780	0.025
6840	0.025
6900	0.026
6960	0.028
7020	0.026
7080	0.026
7140	0.025
7200	0.026
7260	0.028
7320	0.027
7380	0.03
7440	0.027
7500	0.026
7560	0.027
7620	0.032
7680	0.029
7740	0.027
7800	0.028
7860	0.029
7920	0.029
7980	0.028
8040	0.029

8100	0.028
8160	0.032
8220	0.031
8280	0.027
8340	0.028
8400	0.032
8460	0.041
8520	0.053
8580	0.037
8640	0.031
8700	0.031
8760	0.032
8820	0.027
8880	0.026
8940	0.029
9000	0.028
9060	0.027
9120	0.027
9180	0.029
9240	0.027
9300	0.028
9360	0.026
9420	0.027
9480	0.03
9540	0.028
9600	0.027
9660	0.027
9720	0.028
9780	0.028
9840	0.026
9900	0.028
9960	0.032
10020	0.03
10080	0.027
10140	0.032
10200	0.027
10260	0.026
10320	0.026
10380	0.027
10440	0.032
10500	0.03
10560	0.037
10620	0.031
10680	0.028
10740	0.034
10800	0.03
10860	0.03
10920	0.029
10980	0.029
11040	0.033
11100	0.029
11160	0.028
11220	0.029
11280	0.028
11340	0.028
11400	0.028
11460	0.029
11520	0.028
11580	0.03
11640	0.043
11700	0.03
11760	0.028
11820	0.028
11880	0.028
11940	0.029
12000	0.03
12060	0.03
12120	0.03
12180	0.03
12240	0.031
12300	0.03
12360	0.03
12420	0.028
12480	0.029
12540	0.033
12600	0.029
12660	0.031

12720	0.039
12780	0.031
12840	0.031
12900	0.031
12960	0.033
13020	0.031
13080	0.028
13140	0.028
13200	0.027
13260	0.027
13320	0.03
13380	0.027
13440	0.027
13500	0.027
13560	0.027
13620	0.028
13680	0.031
13740	0.028
13800	0.028
13860	0.028
13920	0.028
13980	0.027
14040	0.027
14100	0.027
14160	0.027
14220	0.027
14280	0.027
14340	0.027
14400	0.027
14460	0.026
14520	0.026
14580	0.026
14640	0.026
14700	0.026
14760	0.026
14820	0.026
14880	0.028
14940	0.027
15000	0.027
15060	0.026
15120	0.026
15180	0.029
15240	0.027
15300	0.027
15360	0.026
15420	0.026
15480	0.026
15540	0.026
15600	0.026
15660	0.026
15720	0.026
15780	0.026
15840	0.026
15900	0.028
15960	0.027
16020	0.026
16080	0.025
16140	0.026
16200	0.025
16260	0.025
16320	0.025
16380	0.025
16440	0.026
16500	0.025
16560	0.024
16620	0.024
16680	0.025
16740	0.025
16800	0.025
16860	0.025
16920	0.025
16980	0.025
17040	0.025
17100	0.026
17160	0.026
17220	0.026
17280	0.026

17340	0.026
17400	0.026
17460	0.025
17520	0.025
17580	0.026
17640	0.027
17700	0.025
17760	0.024
17820	0.024
17880	0.024
17940	0.024
18000	0.024
18060	0.024
18120	0.024
18180	0.024
18240	0.024
18300	0.084
18360	0.031
18420	0.042
18480	0.026
18540	0.025
18600	0.026
18660	0.026
18720	0.024
18780	0.038
18840	0.047
18900	0.047
18960	0.035
19020	0.026
19080	0.026
19140	0.026
19200	0.025
19260	0.025
19320	0.025
19380	0.025
19440	0.025
19500	0.028
19560	0.026
19620	0.027
19680	0.029
19740	0.024
19800	0.024
19860	0.025
19920	0.025
19980	0.024
20040	0.024
20100	0.024
20160	0.025
20220	0.026
20280	0.028
20340	0.026
20400	0.025
20460	0.027
20520	0.028
20580	0.027
20640	0.027
20700	0.026
20760	0.028
20820	0.029
20880	0.03
20940	0.03
21000	0.029
21060	0.028
21120	0.027
21180	0.026
21240	0.028
21300	0.029
21360	0.029
21420	0.027
21480	0.034
21540	0.031
21600	0.028
21660	0.027
21720	0.027
21780	0.027
21840	0.027
21900	0.027

21960	0.027
22020	0.028
22080	0.027
22140	0.027
22200	0.028
22260	0.029
22320	0.027
22380	0.027
22440	0.027
22500	0.028
22560	0.028
22620	0.027
22680	0.027
22740	0.027
22800	0.028
22860	0.027
22920	0.028
22980	0.028
23040	0.028
23100	0.029
23160	0.028
23220	0.029
23280	0.028
23340	0.028
23400	0.028
23460	0.029
23520	0.03
23580	0.03
23640	0.027
23700	0.027
23760	0.027
23820	0.028
23880	0.027
23940	0.028
24000	0.028
24060	0.027
24120	0.027
24180	0.027
24240	0.028
24300	0.028
24360	0.028
24420	0.029
24480	0.03
24540	0.031
24600	0.032
24660	0.029
24720	0.03
24780	0.033
24840	0.028
24900	0.028
24960	0.029
25020	0.028
25080	0.029
25140	0.028
25200	0.029
25260	0.029
25320	0.028
25380	0.028
25440	0.028
25500	0.028
25560	0.028
25620	0.03
25680	0.028
25740	0.029

Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530152016
Firmware Version	3.3
Calibration Date	5/18/2015
Test Name	MANUAL_003
Test Start Time	9:51:49 AM
Test Start Date	10/18/2016
Test Length [D:H:M]	0:00:13
Test Interval [M:S]	1:00
Mass Average [mg/m3]	0.026
Mass Minimum [mg/m3]	0.017
Mass Maximum [mg/m3]	0.042
Mass TWA [mg/m3]	0
Photometric User Cal	0.82
Flow User Cal	0
Errors	Flow Error
Number of Samples	13

Elapsed Time [s]	Mass [mg/m3]	Alarms	Errors
60	0.022		Flow Error
120	0.017		Flow Error
180	0.023		Flow Error
240	0.032		Flow Error
300	0.031		Flow Error
360	0.021		Flow Error
420	0.026		Flow Error
480	0.024		Flow Error
540	0.023		Flow Error
600	0.031		Flow Error
660	0.021		Flow Error
720	0.02		Flow Error
780	0.042		Flow Error

Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530152016
Firmware Version	3.3
Calibration Date	5/18/2015
Test Name	MANUAL_004
Test Start Time	12:36:54 PM
Test Start Date	10/18/2016
Test Length [D:H:M]	0:00:13
Test Interval [M:S]	1:00
Mass Average [mg/m3]	0.02
Mass Minimum [mg/m3]	0.006
Mass Maximum [mg/m3]	0.077
Mass TWA [mg/m3]	0
Photometric User Cal	0.82
Flow User Cal	0
Errors	Flow Error
Number of Samples	13

Elapsed Time [s]	Mass [mg/m3]	Alarms	Errors
60	0.02		Flow Error
120	0.018		Flow Error
180	0.028		Flow Error
240	0.019		Flow Error
300	0.077		Flow Error
360	0.01		Flow Error
420	0.018		Flow Error
480	0.012		Flow Error
540	0.025		Flow Error
600	0.007		Flow Error
660	0.012		Flow Error
720	0.006		Flow Error
780	0.012		Flow Error

Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530152016
Firmware Version	3.3
Calibration Date	5/18/2015
Test Name	MANUAL_005
Test Start Time	1:06:49 PM
Test Start Date	10/18/2016
Test Length [D:H:M]	0:00:23
Test Interval [M:S]	1:00
Mass Average [mg/m3]	0.011
Mass Minimum [mg/m3]	0.006
Mass Maximum [mg/m3]	0.019
Mass TWA [mg/m3]	0.001
Photometric User Cal	0.82
Flow User Cal	0
Errors	Flow Error
Number of Samples	23

Elapsed Time [s]	Mass [mg/m3]	Alarms	Errors
60	0.012		Flow Error
120	0.017		Flow Error
180	0.011		Flow Error
240	0.006		Flow Error
300	0.013		Flow Error
360	0.019		Flow Error
420	0.016		
480	0.014		
540	0.011		
600	0.01		
660	0.01		
720	0.01		
780	0.009		
840	0.01		
900	0.01		
960	0.009		
1020	0.011		
1080	0.011		
1140	0.01		
1200	0.009		
1260	0.01		
1320	0.01		
1380	0.009		

Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530152016
Firmware Version	3.3
Calibration Date	5/18/2015
Test Name	MANUAL_006
Test Start Time	1:30:56 PM
Test Start Date	10/18/2016
Test Length [D:H:M]	0:02:14
Test Interval [M:S]	1:00
Mass Average [mg/m3]	0.016
Mass Minimum [mg/m3]	0.003
Mass Maximum [mg/m3]	0.039
Mass TWA [mg/m3]	0.005
Photometric User Cal	0.82
Flow User Cal	0
Errors	Flow Error
Number of Samples	134

Elapsed Time [s]	Mass [mg/m3]	Alarms	Errors
60	0.016		
120	0.018		
180	0.017		
240	0.035		
300	0.016		
360	0.018		
420	0.018		
480	0.017		
540	0.017		
600	0.018		
660	0.021		
720	0.02		
780	0.024		
840	0.017		
900	0.015		
960	0.014		
1020	0.017		
1080	0.017		
1140	0.012		
1200	0.014		
1260	0.014		
1320	0.014		
1380	0.018		
1440	0.023		
1500	0.016		
1560	0.015		
1620	0.021		

1680	0.017
1740	0.027
1800	0.018
1860	0.022
1920	0.016
1980	0.016
2040	0.024
2100	0.015
2160	0.014
2220	0.019
2280	0.027
2340	0.02
2400	0.016
2460	0.014
2520	0.023
2580	0.027
2640	0.016
2700	0.013
2760	0.013
2820	0.015
2880	0.014
2940	0.015
3000	0.014
3060	0.014
3120	0.013
3180	0.014
3240	0.014
3300	0.015
3360	0.014
3420	0.013
3480	0.014
3540	0.013
3600	0.014
3660	0.013
3720	0.014
3780	0.015
3840	0.014
3900	0.013
3960	0.014
4020	0.014
4080	0.013
4140	0.014
4200	0.014
4260	0.015
4320	0.013
4380	0.014
4440	0.014

4500	0.015
4560	0.015
4620	0.014
4680	0.014
4740	0.032
4800	0.019
4860	0.014
4920	0.014
4980	0.013
5040	0.013
5100	0.013
5160	0.022
5220	0.015
5280	0.015
5340	0.015
5400	0.014
5460	0.039
5520	0.022
5580	0.018
5640	0.032
5700	0.024
5760	0.016
5820	0.022
5880	0.026
5940	0.016
6000	0.014
6060	0.021
6120	0.024
6180	0.025
6240	0.018
6300	0.02
6360	0.015
6420	0.015
6480	0.014
6540	0.014
6600	0.014
6660	0.016
6720	0.014
6780	0.014
6840	0.014
6900	0.015
6960	0.016
7020	0.019
7080	0.016
7140	0.015
7200	0.016
7260	0.018

7320	0.017	Flow Error
7380	0.013	Flow Error
7440	0.008	Flow Error
7500	0.009	Flow Error
7560	0.006	Flow Error
7620	0.008	Flow Error
7680	0.008	Flow Error
7740	0.005	Flow Error
7800	0.003	Flow Error
7860	0.003	Flow Error
7920	0.004	Flow Error
7980	0.007	Flow Error
8040	0.003	Flow Error

DW_VOCS_101716

Instrument: MiniRAE 2000 (PGM7600) Serial Number: 902611
 User ID: 00000001 Site ID: 00000004
 Data Points: 430 Gas Name: Isobutylene Sample Period: 60 sec
 Last Calibration Time: 10/17/2016 08:47

```

=====
Measurement Type:                Min(ppm)                Avg(ppm)
Max(ppm)
High Alarm Levels:                25.0                25.0                25.0
Low Alarm Levels:                 5.0                5.0                5.0
=====
  
```

```

=====
Line#  Date  Time      Min(ppm)      Alarm  Avg(ppm)      Alarm  Max(ppm)
Alarm
=====
  
```

```

=====
1    10/17/2016 08:51      0.0                0.0                0.0
2    10/17/2016 08:52      0.0                0.0                0.0
3    10/17/2016 08:53      0.0                0.0                0.0
4    10/17/2016 08:54      0.0                0.0                0.0
5    10/17/2016 08:55      0.0                0.0                0.0
6    10/17/2016 08:56      0.0                0.0                0.0
7    10/17/2016 08:57      0.0                0.0                0.0
8    10/17/2016 08:58      0.0                0.0                0.0
9    10/17/2016 08:59      0.0                0.0                0.0
10   10/17/2016 09:00      0.0                0.0                0.0
11   10/17/2016 09:01      0.0                0.0                0.0
12   10/17/2016 09:02      0.0                0.0                0.0
13   10/17/2016 09:03      0.0                0.0                0.0
14   10/17/2016 09:04      0.0                0.0                0.0
15   10/17/2016 09:05      0.0                0.0                0.0
16   10/17/2016 09:06      0.0                0.0                0.0
17   10/17/2016 09:07      0.0                0.0                0.0
18   10/17/2016 09:08      0.0                0.0                0.0
19   10/17/2016 09:09      0.0                0.0                0.0
20   10/17/2016 09:10      0.0                0.0                0.0
21   10/17/2016 09:11      0.0                0.0                0.0
22   10/17/2016 09:12      0.0                0.0                0.0
23   10/17/2016 09:13      0.0                0.0                0.0
24   10/17/2016 09:14      0.0                0.0                0.0
25   10/17/2016 09:15      0.0                0.0                0.0
26   10/17/2016 09:16      0.0                0.0                0.0
27   10/17/2016 09:17      0.0                0.0                0.0
28   10/17/2016 09:18      0.0                0.0                0.0
29   10/17/2016 09:19      0.0                0.0                0.0
30   10/17/2016 09:20      0.0                0.0                0.0
31   10/17/2016 09:21      0.0                0.0                0.0
32   10/17/2016 09:22      0.0                0.0                0.0
  
```

		DW_VOCS_101716	
33	10/17/2016 09:23	0.0	0.0
34	10/17/2016 09:24	0.0	0.0
35	10/17/2016 09:25	0.0	0.0
36	10/17/2016 09:26	0.0	0.0
37	10/17/2016 09:27	0.0	0.0
38	10/17/2016 09:28	0.0	0.0
39	10/17/2016 09:29	0.0	0.0
40	10/17/2016 09:30	0.0	0.0
41	10/17/2016 09:31	0.0	0.0
42	10/17/2016 09:32	0.0	0.0
43	10/17/2016 09:33	0.0	0.0
44	10/17/2016 09:34	0.0	0.0
45	10/17/2016 09:35	0.0	0.0
46	10/17/2016 09:36	0.0	0.0
47	10/17/2016 09:37	0.0	0.0
48	10/17/2016 09:38	0.0	0.0
49	10/17/2016 09:39	0.0	0.0
50	10/17/2016 09:40	0.0	0.0
51	10/17/2016 09:41	0.0	0.0
52	10/17/2016 09:42	0.0	0.0
53	10/17/2016 09:43	0.0	0.0
54	10/17/2016 09:44	0.0	0.0
55	10/17/2016 09:45	0.0	0.0
56	10/17/2016 09:46	0.0	0.0
57	10/17/2016 09:47	0.0	0.0
58	10/17/2016 09:48	0.0	0.0
59	10/17/2016 09:49	0.0	0.0
60	10/17/2016 09:50	0.0	0.0
61	10/17/2016 09:51	0.0	0.0
62	10/17/2016 09:52	0.0	0.0
63	10/17/2016 09:53	0.0	0.0
64	10/17/2016 09:54	0.0	0.0
65	10/17/2016 09:55	0.0	0.0
66	10/17/2016 09:56	0.0	0.0
67	10/17/2016 09:57	0.0	0.0
68	10/17/2016 09:58	0.0	0.0
69	10/17/2016 09:59	0.0	0.0
70	10/17/2016 10:00	0.0	0.0
71	10/17/2016 10:01	0.0	0.0
72	10/17/2016 10:02	0.0	0.0
73	10/17/2016 10:03	0.0	0.0
74	10/17/2016 10:04	0.0	0.0
75	10/17/2016 10:05	0.0	0.0
76	10/17/2016 10:06	0.0	0.0
77	10/17/2016 10:07	0.0	0.0
78	10/17/2016 10:08	0.0	0.0
79	10/17/2016 10:09	0.0	0.0
80	10/17/2016 10:10	0.0	0.0

		DW_VOCS_101716		
81	10/17/2016 10:11	0.0	0.0	0.0
82	10/17/2016 10:12	0.0	0.0	0.0
83	10/17/2016 10:13	0.0	0.0	0.0
84	10/17/2016 10:14	0.0	0.0	0.0
85	10/17/2016 10:15	0.0	0.0	0.0
86	10/17/2016 10:16	0.0	0.0	0.0
87	10/17/2016 10:17	0.0	0.0	0.0
88	10/17/2016 10:18	0.0	0.0	0.0
89	10/17/2016 10:19	0.0	0.0	0.0
90	10/17/2016 10:20	0.0	0.0	0.0
91	10/17/2016 10:21	0.0	0.0	0.0
92	10/17/2016 10:22	0.0	0.0	0.0
93	10/17/2016 10:23	0.0	0.0	0.0
94	10/17/2016 10:24	0.0	0.0	0.0
95	10/17/2016 10:25	0.0	0.0	0.0
96	10/17/2016 10:26	0.0	0.0	0.0
97	10/17/2016 10:27	0.0	0.0	0.0
98	10/17/2016 10:28	0.0	0.0	0.0
99	10/17/2016 10:29	0.0	0.0	0.0
100	10/17/2016 10:30	0.0	0.0	0.0
101	10/17/2016 10:31	0.0	0.0	0.0
102	10/17/2016 10:32	0.0	0.0	0.0
103	10/17/2016 10:33	0.0	0.0	0.0
104	10/17/2016 10:34	0.0	0.0	0.0
105	10/17/2016 10:35	0.0	0.0	0.0
106	10/17/2016 10:36	0.0	0.0	0.0
107	10/17/2016 10:37	0.0	0.0	0.0
108	10/17/2016 10:38	0.0	0.0	0.0
109	10/17/2016 10:39	0.0	0.0	0.0
110	10/17/2016 10:40	0.0	0.0	0.0
111	10/17/2016 10:41	0.0	0.0	0.0
112	10/17/2016 10:42	0.0	0.0	0.0
113	10/17/2016 10:43	0.0	0.0	0.0
114	10/17/2016 10:44	0.0	0.0	0.0
115	10/17/2016 10:45	0.0	0.0	0.0
116	10/17/2016 10:46	0.0	0.0	0.0
117	10/17/2016 10:47	0.0	0.0	0.0
118	10/17/2016 10:48	0.0	0.0	0.0
119	10/17/2016 10:49	0.0	0.0	0.0
120	10/17/2016 10:50	0.0	0.0	0.0
121	10/17/2016 10:51	0.0	0.0	0.0
122	10/17/2016 10:52	0.0	0.0	0.0
123	10/17/2016 10:53	0.0	0.0	0.0
124	10/17/2016 10:54	0.0	0.0	0.0
125	10/17/2016 10:55	0.0	0.0	0.0
126	10/17/2016 10:56	0.0	0.0	0.0
127	10/17/2016 10:57	0.0	0.0	0.0
128	10/17/2016 10:58	0.0	0.0	0.0

		DW_VOCS_101716		
129	10/17/2016 10:59	0.0	0.0	0.0
130	10/17/2016 11:00	0.0	0.0	0.0
131	10/17/2016 11:01	0.0	0.0	0.0
132	10/17/2016 11:02	0.0	0.0	0.0
133	10/17/2016 11:03	0.0	0.0	0.0
134	10/17/2016 11:04	0.0	0.0	0.0
135	10/17/2016 11:05	0.0	0.0	0.0
136	10/17/2016 11:06	0.0	0.0	0.0
137	10/17/2016 11:07	0.0	0.0	0.0
138	10/17/2016 11:08	0.0	0.0	0.0
139	10/17/2016 11:09	0.0	0.0	0.0
140	10/17/2016 11:10	0.0	0.0	0.0
141	10/17/2016 11:11	0.0	0.0	0.0
142	10/17/2016 11:12	0.0	0.0	0.0
143	10/17/2016 11:13	0.0	0.0	0.0
144	10/17/2016 11:14	0.0	0.0	0.0
145	10/17/2016 11:15	0.0	0.0	0.0
146	10/17/2016 11:16	0.0	0.0	0.0
147	10/17/2016 11:17	0.0	0.0	0.0
148	10/17/2016 11:18	0.0	0.0	0.0
149	10/17/2016 11:19	0.0	0.0	0.0
150	10/17/2016 11:20	0.0	0.0	0.0
151	10/17/2016 11:21	0.0	0.0	0.0
152	10/17/2016 11:22	0.0	0.0	0.0
153	10/17/2016 11:23	0.0	0.0	0.0
154	10/17/2016 11:24	0.0	0.0	0.0
155	10/17/2016 11:25	0.0	0.0	0.0
156	10/17/2016 11:26	0.0	0.0	0.0
157	10/17/2016 11:27	0.0	0.0	0.0
158	10/17/2016 11:28	0.0	0.0	0.0
159	10/17/2016 11:29	0.0	0.0	0.0
160	10/17/2016 11:30	0.0	0.0	0.0
161	10/17/2016 11:31	0.0	0.0	0.0
162	10/17/2016 11:32	0.0	0.0	0.0
163	10/17/2016 11:33	0.0	0.0	0.0
164	10/17/2016 11:34	0.0	0.0	0.0
165	10/17/2016 11:35	0.0	0.0	0.0
166	10/17/2016 11:36	0.0	0.0	0.0
167	10/17/2016 11:37	0.0	0.0	0.0
168	10/17/2016 11:38	0.0	0.0	0.0
169	10/17/2016 11:39	0.0	0.0	0.0
170	10/17/2016 11:40	0.0	0.0	0.0
171	10/17/2016 11:41	0.0	0.0	0.0
172	10/17/2016 11:42	0.0	0.0	0.0
173	10/17/2016 11:43	0.0	0.0	0.0
174	10/17/2016 11:44	0.0	0.0	0.0
175	10/17/2016 11:45	0.0	0.0	0.0
176	10/17/2016 11:46	0.0	0.0	0.0

		DW_VOCS_101716		
177	10/17/2016 11:47	0.0	0.0	0.0
178	10/17/2016 11:48	0.0	0.0	0.0
179	10/17/2016 11:49	0.0	0.0	0.0
180	10/17/2016 11:50	0.0	0.0	0.0
181	10/17/2016 11:51	0.0	0.0	0.0
182	10/17/2016 11:52	0.0	0.0	0.0
183	10/17/2016 11:53	0.0	0.0	0.0
184	10/17/2016 11:54	0.0	0.0	0.0
185	10/17/2016 11:55	0.0	0.0	0.0
186	10/17/2016 11:56	0.0	0.0	0.0
187	10/17/2016 11:57	0.0	0.0	0.0
188	10/17/2016 11:58	0.0	0.0	0.0
189	10/17/2016 11:59	0.0	0.0	0.0
190	10/17/2016 12:00	0.0	0.0	0.0
191	10/17/2016 12:01	0.0	0.0	0.0
192	10/17/2016 12:02	0.0	0.0	0.0
193	10/17/2016 12:03	0.0	0.0	0.0
194	10/17/2016 12:04	0.0	0.0	0.0
195	10/17/2016 12:05	0.0	0.0	0.0
196	10/17/2016 12:06	0.0	0.0	0.0
197	10/17/2016 12:07	0.0	0.0	0.0
198	10/17/2016 12:08	0.0	0.0	0.0
199	10/17/2016 12:09	0.0	0.0	0.0
200	10/17/2016 12:10	0.0	0.0	0.0
201	10/17/2016 12:11	0.0	0.0	0.0
202	10/17/2016 12:12	0.0	0.0	0.0
203	10/17/2016 12:13	0.0	0.0	0.0
204	10/17/2016 12:14	0.0	0.0	0.0
205	10/17/2016 12:15	0.0	0.0	0.0
206	10/17/2016 12:16	0.0	0.0	0.0
207	10/17/2016 12:17	0.0	0.0	0.0
208	10/17/2016 12:18	0.0	0.0	0.0
209	10/17/2016 12:19	0.0	0.0	0.0
210	10/17/2016 12:20	0.0	0.0	0.0
211	10/17/2016 12:21	0.0	0.0	0.0
212	10/17/2016 12:22	0.0	0.0	0.0
213	10/17/2016 12:23	0.0	0.0	0.0
214	10/17/2016 12:24	0.0	0.0	0.0
215	10/17/2016 12:25	0.0	0.0	0.0
216	10/17/2016 12:26	0.0	0.0	0.0
217	10/17/2016 12:27	0.0	0.0	0.0
218	10/17/2016 12:28	0.0	0.0	0.0
219	10/17/2016 12:29	0.0	0.0	0.0
220	10/17/2016 12:30	0.0	0.0	0.0
221	10/17/2016 12:31	0.0	0.0	0.0
222	10/17/2016 12:32	0.0	0.0	0.0
223	10/17/2016 12:33	0.0	0.0	0.0
224	10/17/2016 12:34	0.0	0.0	0.0

		DW_VOCS_101716		
225	10/17/2016 12:35	0.0	0.0	0.0
226	10/17/2016 12:36	0.0	0.0	0.0
227	10/17/2016 12:37	0.0	0.0	0.0
228	10/17/2016 12:38	0.0	0.0	0.0
229	10/17/2016 12:39	0.0	0.0	0.0
230	10/17/2016 12:40	0.0	0.0	0.0
231	10/17/2016 12:41	0.0	0.0	0.0
232	10/17/2016 12:42	0.0	0.0	0.0
233	10/17/2016 12:43	0.0	0.0	0.0
234	10/17/2016 12:44	0.0	0.0	0.0
235	10/17/2016 12:45	0.0	0.0	0.0
236	10/17/2016 12:46	0.0	0.0	0.0
237	10/17/2016 12:47	0.0	0.0	0.0
238	10/17/2016 12:48	0.0	0.0	0.0
239	10/17/2016 12:49	0.0	0.0	0.0
240	10/17/2016 12:50	0.0	0.0	0.0
241	10/17/2016 12:51	0.0	0.0	0.0
242	10/17/2016 12:52	0.0	0.0	0.0
243	10/17/2016 12:53	0.0	0.0	0.0
244	10/17/2016 12:54	0.0	0.0	0.0
245	10/17/2016 12:55	0.0	0.0	0.0
246	10/17/2016 12:56	0.0	0.0	0.0
247	10/17/2016 12:57	0.0	0.0	0.0
248	10/17/2016 12:58	0.0	0.0	0.0
249	10/17/2016 12:59	0.0	0.0	0.0
250	10/17/2016 13:00	0.0	0.0	0.0
251	10/17/2016 13:01	0.0	0.0	0.0
252	10/17/2016 13:02	0.0	0.0	0.0
253	10/17/2016 13:03	0.0	0.0	0.0
254	10/17/2016 13:04	0.0	0.0	0.0
255	10/17/2016 13:05	0.0	0.0	0.0
256	10/17/2016 13:06	0.0	0.0	0.0
257	10/17/2016 13:07	0.0	0.0	0.0
258	10/17/2016 13:08	0.0	0.0	0.0
259	10/17/2016 13:09	0.0	0.0	0.0
260	10/17/2016 13:10	0.0	0.0	0.0
261	10/17/2016 13:11	0.0	0.0	0.0
262	10/17/2016 13:12	0.0	0.0	0.0
263	10/17/2016 13:13	0.0	0.0	0.0
264	10/17/2016 13:14	0.0	0.0	0.0
265	10/17/2016 13:15	0.0	0.0	0.0
266	10/17/2016 13:16	0.0	0.0	0.0
267	10/17/2016 13:17	0.0	0.0	0.0
268	10/17/2016 13:18	0.0	0.0	0.0
269	10/17/2016 13:19	0.0	0.0	0.0
270	10/17/2016 13:20	0.0	0.0	0.0
271	10/17/2016 13:21	0.0	0.0	0.0
272	10/17/2016 13:22	0.0	0.0	0.0

		DW_VOCS_101716		
273	10/17/2016 13:23	0.0	0.0	0.0
274	10/17/2016 13:24	0.0	0.0	0.0
275	10/17/2016 13:25	0.0	0.0	0.0
276	10/17/2016 13:26	0.0	0.0	0.0
277	10/17/2016 13:27	0.0	0.0	0.0
278	10/17/2016 13:28	0.0	0.0	0.0
279	10/17/2016 13:29	0.0	0.0	0.0
280	10/17/2016 13:30	0.0	0.0	0.0
281	10/17/2016 13:31	0.0	0.0	0.0
282	10/17/2016 13:32	0.0	0.0	0.0
283	10/17/2016 13:33	0.0	0.0	0.0
284	10/17/2016 13:34	0.0	0.0	0.0
285	10/17/2016 13:35	0.0	0.0	0.0
286	10/17/2016 13:36	0.0	0.0	0.0
287	10/17/2016 13:37	0.0	0.0	0.0
288	10/17/2016 13:38	0.0	0.0	0.0
289	10/17/2016 13:39	0.0	0.0	0.0
290	10/17/2016 13:40	0.0	0.0	0.0
291	10/17/2016 13:41	0.0	0.0	0.0
292	10/17/2016 13:42	0.0	0.0	0.0
293	10/17/2016 13:43	0.0	0.0	0.0
294	10/17/2016 13:44	0.0	0.0	0.0
295	10/17/2016 13:45	0.0	0.0	0.0
296	10/17/2016 13:46	0.0	0.0	0.0
297	10/17/2016 13:47	0.0	0.0	0.0
298	10/17/2016 13:48	0.0	0.0	0.0
299	10/17/2016 13:49	0.0	0.0	0.0
300	10/17/2016 13:50	0.0	0.0	0.0
301	10/17/2016 13:51	0.0	0.0	0.0
302	10/17/2016 13:52	0.0	0.0	0.0
303	10/17/2016 13:53	0.0	0.0	0.0
304	10/17/2016 13:54	0.0	0.0	0.0
305	10/17/2016 13:55	0.0	0.0	0.0
306	10/17/2016 13:56	0.0	0.0	0.0
307	10/17/2016 13:57	0.0	0.0	0.0
308	10/17/2016 13:58	0.0	0.0	0.0
309	10/17/2016 13:59	0.0	0.0	0.0
310	10/17/2016 14:00	0.0	0.0	0.0
311	10/17/2016 14:01	0.0	0.0	0.0
312	10/17/2016 14:02	0.0	0.0	0.0
313	10/17/2016 14:03	0.0	0.0	0.0
314	10/17/2016 14:04	0.0	0.0	0.0
315	10/17/2016 14:05	0.0	0.0	0.0
316	10/17/2016 14:06	0.0	0.0	0.0
317	10/17/2016 14:07	0.0	0.0	0.0
318	10/17/2016 14:08	0.0	0.0	0.0
319	10/17/2016 14:09	0.0	0.0	0.0
320	10/17/2016 14:10	0.0	0.0	0.0

		DW_VOCS_101716		
321	10/17/2016 14:11	0.0	0.0	0.0
322	10/17/2016 14:12	0.0	0.0	0.0
323	10/17/2016 14:13	0.0	0.0	0.0
324	10/17/2016 14:14	0.0	0.0	0.0
325	10/17/2016 14:15	0.0	0.0	0.0
326	10/17/2016 14:16	0.0	0.0	0.0
327	10/17/2016 14:17	0.0	0.0	0.0
328	10/17/2016 14:18	0.0	0.0	0.0
329	10/17/2016 14:19	0.0	0.0	0.0
330	10/17/2016 14:20	0.0	0.0	0.0
331	10/17/2016 14:21	0.0	0.0	0.0
332	10/17/2016 14:22	0.0	0.0	0.0
333	10/17/2016 14:23	0.0	0.0	0.0
334	10/17/2016 14:24	0.0	0.0	0.0
335	10/17/2016 14:25	0.0	0.0	0.0
336	10/17/2016 14:26	0.0	0.0	0.0
337	10/17/2016 14:27	0.0	0.0	0.0
338	10/17/2016 14:28	0.0	0.0	0.0
339	10/17/2016 14:29	0.0	0.0	0.0
340	10/17/2016 14:30	0.0	0.0	0.0
341	10/17/2016 14:31	0.0	0.0	0.0
342	10/17/2016 14:32	0.0	0.0	0.0
343	10/17/2016 14:33	0.0	0.0	0.0
344	10/17/2016 14:34	0.0	0.0	0.0
345	10/17/2016 14:35	0.0	0.0	0.0
346	10/17/2016 14:36	0.0	0.0	0.0
347	10/17/2016 14:37	0.0	0.0	0.0
348	10/17/2016 14:38	0.0	0.0	0.0
349	10/17/2016 14:39	0.0	0.0	0.0
350	10/17/2016 14:40	0.0	0.0	0.0
351	10/17/2016 14:41	0.0	0.0	0.0
352	10/17/2016 14:42	0.0	0.0	0.0
353	10/17/2016 14:43	0.0	0.0	0.0
354	10/17/2016 14:44	0.0	0.0	0.0
355	10/17/2016 14:45	0.0	0.0	0.0
356	10/17/2016 14:46	0.0	0.0	0.0
357	10/17/2016 14:47	0.0	0.0	0.0
358	10/17/2016 14:48	0.0	0.0	0.0
359	10/17/2016 14:49	0.0	0.0	0.0
360	10/17/2016 14:50	0.0	0.0	0.0
361	10/17/2016 14:51	0.0	0.0	0.0
362	10/17/2016 14:52	0.0	0.0	0.0
363	10/17/2016 14:53	0.0	0.0	0.0
364	10/17/2016 14:54	0.0	0.0	0.0
365	10/17/2016 14:55	0.0	0.0	0.0
366	10/17/2016 14:56	0.0	0.0	0.0
367	10/17/2016 14:57	0.0	0.0	0.0
368	10/17/2016 14:58	0.0	0.0	0.0

		DW_VOCS_101716		
369	10/17/2016 14:59	0.0	0.0	0.0
370	10/17/2016 15:00	0.0	0.0	0.0
371	10/17/2016 15:01	0.0	0.0	0.0
372	10/17/2016 15:02	0.0	0.0	0.0
373	10/17/2016 15:03	0.0	0.0	0.0
374	10/17/2016 15:04	0.0	0.0	0.0
375	10/17/2016 15:05	0.0	0.0	0.0
376	10/17/2016 15:06	0.0	0.0	0.0
377	10/17/2016 15:07	0.0	0.0	0.0
378	10/17/2016 15:08	0.0	0.0	0.0
379	10/17/2016 15:09	0.0	0.0	0.0
380	10/17/2016 15:10	0.0	0.0	0.0
381	10/17/2016 15:11	0.0	0.0	0.0
382	10/17/2016 15:12	0.0	0.0	0.0
383	10/17/2016 15:13	0.0	0.0	0.0
384	10/17/2016 15:14	0.0	0.0	0.0
385	10/17/2016 15:15	0.0	0.0	0.0
386	10/17/2016 15:16	0.0	0.0	0.0
387	10/17/2016 15:17	0.0	0.0	0.0
388	10/17/2016 15:18	0.0	0.0	0.0
389	10/17/2016 15:19	0.0	0.0	0.0
390	10/17/2016 15:20	0.0	0.0	0.0
391	10/17/2016 15:21	0.0	0.0	0.0
392	10/17/2016 15:22	0.0	0.0	0.0
393	10/17/2016 15:23	0.0	0.0	0.0
394	10/17/2016 15:24	0.0	0.0	0.0
395	10/17/2016 15:25	0.0	0.0	0.0
396	10/17/2016 15:26	0.0	0.0	0.0
397	10/17/2016 15:27	0.0	0.0	0.0
398	10/17/2016 15:28	0.0	0.0	0.0
399	10/17/2016 15:29	0.0	0.0	0.0
400	10/17/2016 15:30	0.0	0.0	0.0
401	10/17/2016 15:31	0.0	0.0	0.0
402	10/17/2016 15:32	0.0	0.0	0.0
403	10/17/2016 15:33	0.0	0.0	0.0
404	10/17/2016 15:34	0.0	0.0	0.0
405	10/17/2016 15:35	0.0	0.0	0.0
406	10/17/2016 15:36	0.0	0.0	0.0
407	10/17/2016 15:37	0.0	0.0	0.0
408	10/17/2016 15:38	0.0	0.0	0.0
409	10/17/2016 15:39	0.0	0.0	0.0
410	10/17/2016 15:40	0.0	0.0	0.0
411	10/17/2016 15:41	0.0	0.0	0.0
412	10/17/2016 15:42	0.0	0.0	0.0
413	10/17/2016 15:43	0.0	0.0	0.0
414	10/17/2016 15:44	0.0	0.0	0.0
415	10/17/2016 15:45	0.0	0.0	0.0
416	10/17/2016 15:46	0.0	0.0	0.0

			DW_VOCS_101716		
417	10/17/2016	15:47	0.0	0.0	0.0
418	10/17/2016	15:48	0.0	0.0	0.0
419	10/17/2016	15:49	0.0	0.0	0.0
420	10/17/2016	15:50	0.0	0.0	0.0
421	10/17/2016	15:51	0.0	0.0	0.0
422	10/17/2016	15:52	0.0	0.0	0.0
423	10/17/2016	15:53	0.0	0.0	0.0
424	10/17/2016	15:54	0.0	0.0	0.0
425	10/17/2016	15:55	0.0	0.0	0.0
426	10/17/2016	15:56	0.0	0.0	0.0
427	10/17/2016	15:57	0.0	0.0	0.0
428	10/17/2016	15:58	0.0	0.0	0.0
429	10/17/2016	15:59	0.0	0.0	0.0
430	10/17/2016	16:00	0.0	0.0	0.0

DW_VOCS_101816

Instrument: MiniRAE 2000 (PGM7600) Serial Number: 902611
 User ID: 00000001 Site ID: 00000005
 Data Points: 385 Gas Name: Isobutylene Sample Period: 60 sec
 Last Calibration Time: 10/18/2016 08:17

```

=====
Measurement Type:                Min(ppm)                Avg(ppm)
Max(ppm)
High Alarm Levels:                25.0                25.0                25.0
Low Alarm Levels:                 5.0                 5.0                 5.0
=====
  
```

```

=====
Line#  Date  Time      Min(ppm)      Alarm  Avg(ppm)      Alarm  Max(ppm)
Alarm
=====
  
```

```

=====
1    10/18/2016 09:58      0.0                0.0                0.0
2    10/18/2016 09:59      0.0                0.0                0.0
3    10/18/2016 10:00      0.0                0.0                0.0
4    10/18/2016 10:01      0.0                0.0                0.0
5    10/18/2016 10:02      0.0                0.0                0.0
6    10/18/2016 10:03      0.0                0.0                0.0
7    10/18/2016 10:04      0.0                0.0                0.0
8    10/18/2016 10:05      0.0                0.0                0.0
9    10/18/2016 10:06      0.0                0.0                0.0
10   10/18/2016 10:07      0.0                0.0                0.0
11   10/18/2016 10:08      0.0                0.0                0.0
12   10/18/2016 10:09      0.0                0.0                0.0
13   10/18/2016 10:10      0.0                0.0                0.0
14   10/18/2016 10:11      0.0                0.0                0.0
15   10/18/2016 10:12      0.0                0.0                0.0
16   10/18/2016 10:13      0.0                0.0                0.0
17   10/18/2016 10:14      0.0                0.0                0.1
18   10/18/2016 10:15      0.0                0.0                0.0
19   10/18/2016 10:16      0.0                0.0                0.0
20   10/18/2016 10:17      0.0                0.0                0.2
21   10/18/2016 10:18      0.0                0.0                0.0
22   10/18/2016 10:19      0.0                0.0                0.0
23   10/18/2016 10:20      0.0                0.0                0.0
24   10/18/2016 10:21      0.0                0.0                0.0
25   10/18/2016 10:22      0.0                0.0                0.0
26   10/18/2016 10:23      0.0                0.0                0.0
27   10/18/2016 10:24      0.0                0.0                0.0
28   10/18/2016 10:25      0.0                0.0                0.1
29   10/18/2016 10:26      0.0                0.0                0.3
30   10/18/2016 10:27      0.0                0.0                0.0
31   10/18/2016 10:28      0.0                0.0                0.0
32   10/18/2016 10:29      0.0                0.0                0.3
  
```

		DW_VOCS_101816		
33	10/18/2016 10:30	0.0	0.0	0.1
34	10/18/2016 10:31	0.0	0.0	0.2
35	10/18/2016 10:32	0.0	0.0	0.2
36	10/18/2016 10:33	0.0	0.0	0.0
37	10/18/2016 10:34	0.0	0.0	0.2
38	10/18/2016 10:35	0.0	0.0	0.1
39	10/18/2016 10:36	0.0	0.0	0.0
40	10/18/2016 10:37	0.0	0.0	0.1
41	10/18/2016 10:38	0.0	0.0	0.0
42	10/18/2016 10:39	0.0	0.0	0.0
43	10/18/2016 10:40	0.0	0.0	0.0
44	10/18/2016 10:41	0.0	0.0	0.2
45	10/18/2016 10:42	0.0	0.0	0.1
46	10/18/2016 10:43	0.0	0.0	0.3
47	10/18/2016 10:44	0.0	0.0	0.2
48	10/18/2016 10:45	0.0	0.0	0.1
49	10/18/2016 10:46	0.0	0.0	0.3
50	10/18/2016 10:47	0.0	0.0	0.1
51	10/18/2016 10:48	0.0	0.0	0.1
52	10/18/2016 10:49	0.0	0.0	0.1
53	10/18/2016 10:50	0.0	0.0	0.0
54	10/18/2016 10:51	0.0	0.0	0.0
55	10/18/2016 10:52	0.0	0.0	0.0
56	10/18/2016 10:53	0.0	0.0	0.0
57	10/18/2016 10:54	0.0	0.0	0.0
58	10/18/2016 10:55	0.0	0.0	0.0
59	10/18/2016 10:56	0.0	0.0	0.0
60	10/18/2016 10:57	0.0	0.0	0.0
61	10/18/2016 10:58	0.0	0.0	0.0
62	10/18/2016 10:59	0.0	0.0	0.0
63	10/18/2016 11:00	0.0	0.0	0.0
64	10/18/2016 11:01	0.0	0.0	0.1
65	10/18/2016 11:02	0.0	0.0	0.0
66	10/18/2016 11:03	0.0	0.0	0.0
67	10/18/2016 11:04	0.0	0.0	0.0
68	10/18/2016 11:05	0.0	0.0	0.0
69	10/18/2016 11:06	0.0	0.0	0.0
70	10/18/2016 11:07	0.0	0.0	0.0
71	10/18/2016 11:08	0.0	0.0	0.0
72	10/18/2016 11:09	0.0	0.0	0.0
73	10/18/2016 11:10	0.0	0.0	0.0
74	10/18/2016 11:11	0.0	0.0	0.1
75	10/18/2016 11:12	0.0	0.0	0.0
76	10/18/2016 11:13	0.0	0.0	0.0
77	10/18/2016 11:14	0.0	0.0	0.1
78	10/18/2016 11:15	0.0	0.0	0.0
79	10/18/2016 11:16	0.0	0.0	0.0
80	10/18/2016 11:17	0.0	0.0	0.0

			DW_VOCS_101816		
81	10/18/2016	11:18	0.0	0.0	0.0
82	10/18/2016	11:19	0.0	0.0	0.1
83	10/18/2016	11:20	0.0	0.0	0.1
84	10/18/2016	11:21	0.0	0.0	0.0
85	10/18/2016	11:22	0.0	0.0	0.0
86	10/18/2016	11:23	0.0	0.0	0.1
87	10/18/2016	11:24	0.0	0.0	0.2
88	10/18/2016	11:25	0.0	0.0	0.1
89	10/18/2016	11:26	0.0	0.0	0.2
90	10/18/2016	11:27	0.0	0.0	0.2
91	10/18/2016	11:28	0.0	0.0	0.1
92	10/18/2016	11:29	0.0	0.0	0.1
93	10/18/2016	11:30	0.0	0.0	0.1
94	10/18/2016	11:31	0.0	0.0	0.1
95	10/18/2016	11:32	0.0	0.0	0.1
96	10/18/2016	11:33	0.0	0.0	0.1
97	10/18/2016	11:34	0.0	0.0	0.2
98	10/18/2016	11:35	0.0	0.0	0.1
99	10/18/2016	11:36	0.0	0.0	0.0
100	10/18/2016	11:37	0.0	0.0	0.0
101	10/18/2016	11:38	0.0	0.0	0.1
102	10/18/2016	11:39	0.0	0.0	0.1
103	10/18/2016	11:40	0.0	0.0	0.1
104	10/18/2016	11:41	0.0	0.0	0.2
105	10/18/2016	11:42	0.0	0.0	0.2
106	10/18/2016	11:43	0.0	0.0	0.1
107	10/18/2016	11:44	0.0	0.0	0.1
108	10/18/2016	11:45	0.0	0.0	0.0
109	10/18/2016	11:46	0.0	0.0	0.1
110	10/18/2016	11:47	0.0	0.0	0.1
111	10/18/2016	11:48	0.0	0.0	0.0
112	10/18/2016	11:49	0.0	0.0	0.1
113	10/18/2016	11:50	0.0	0.0	0.1
114	10/18/2016	11:51	0.0	0.0	0.0
115	10/18/2016	11:52	0.0	0.0	0.3
116	10/18/2016	11:53	0.0	0.0	0.1
117	10/18/2016	11:54	0.0	0.0	0.1
118	10/18/2016	11:55	0.0	0.0	0.1
119	10/18/2016	11:56	0.0	0.0	0.0
120	10/18/2016	11:57	0.0	0.0	0.0
121	10/18/2016	11:58	0.0	0.0	0.1
122	10/18/2016	11:59	0.0	0.0	0.1
123	10/18/2016	12:00	0.0	0.0	0.1
124	10/18/2016	12:01	0.0	0.0	0.1
125	10/18/2016	12:02	0.0	0.0	0.2
126	10/18/2016	12:03	0.0	0.0	0.1
127	10/18/2016	12:04	0.0	0.0	0.1
128	10/18/2016	12:05	0.0	0.0	0.1

			DW_VOCS_101816		
129	10/18/2016	12:06	0.0	0.0	0.1
130	10/18/2016	12:07	0.0	0.0	0.1
131	10/18/2016	12:08	0.0	0.0	0.1
132	10/18/2016	12:09	0.0	0.0	0.1
133	10/18/2016	12:10	0.0	0.0	0.1
134	10/18/2016	12:11	0.0	0.0	0.1
135	10/18/2016	12:12	0.0	0.0	0.1
136	10/18/2016	12:13	0.0	0.0	0.1
137	10/18/2016	12:14	0.0	0.0	0.1
138	10/18/2016	12:15	0.0	0.0	0.1
139	10/18/2016	12:16	0.0	0.0	0.0
140	10/18/2016	12:17	0.0	0.0	0.0
141	10/18/2016	12:18	0.0	0.0	0.1
142	10/18/2016	12:19	0.0	0.0	0.1
143	10/18/2016	12:20	0.0	0.0	0.2
144	10/18/2016	12:21	0.1	0.1	0.2
145	10/18/2016	12:22	0.0	0.0	0.1
146	10/18/2016	12:23	0.0	0.0	0.1
147	10/18/2016	12:24	0.0	0.0	0.1
148	10/18/2016	12:25	0.0	0.0	0.1
149	10/18/2016	12:26	0.0	0.0	0.1
150	10/18/2016	12:27	0.0	0.0	0.1
151	10/18/2016	12:28	0.0	0.0	0.1
152	10/18/2016	12:29	0.0	0.0	0.1
153	10/18/2016	12:30	0.0	0.0	0.1
154	10/18/2016	12:31	0.0	0.0	0.1
155	10/18/2016	12:32	0.0	0.0	0.1
156	10/18/2016	12:33	0.0	0.0	0.1
157	10/18/2016	12:34	0.0	0.0	0.1
158	10/18/2016	12:35	0.0	0.0	0.1
159	10/18/2016	12:36	0.0	0.0	0.1
160	10/18/2016	12:37	0.0	0.0	0.1
161	10/18/2016	12:38	0.0	0.0	0.1
162	10/18/2016	12:39	0.0	0.0	0.0
163	10/18/2016	12:40	0.0	0.0	0.0
164	10/18/2016	12:41	0.0	0.0	0.1
165	10/18/2016	12:42	0.0	0.0	0.1
166	10/18/2016	12:43	0.0	0.0	0.1
167	10/18/2016	12:44	0.0	0.0	0.0
168	10/18/2016	12:45	0.0	0.0	0.0
169	10/18/2016	12:46	0.0	0.0	0.0
170	10/18/2016	12:47	0.0	0.0	0.3
171	10/18/2016	12:48	0.0	0.0	0.0
172	10/18/2016	12:49	0.0	0.0	0.0
173	10/18/2016	12:50	0.0	0.0	0.0
174	10/18/2016	12:51	0.0	0.0	0.0
175	10/18/2016	12:52	0.0	0.0	0.0
176	10/18/2016	12:53	0.0	0.0	0.0

		DW_VOCS_101816		
177	10/18/2016 12:54	0.0	0.0	0.0
178	10/18/2016 12:55	0.0	0.0	0.0
179	10/18/2016 12:56	0.0	0.0	0.0
180	10/18/2016 12:57	0.0	0.0	0.0
181	10/18/2016 12:58	0.0	0.0	0.0
182	10/18/2016 12:59	0.0	0.0	0.0
183	10/18/2016 13:00	0.0	0.0	0.0
184	10/18/2016 13:01	0.0	0.0	0.0
185	10/18/2016 13:02	0.0	0.0	0.0
186	10/18/2016 13:03	0.0	0.0	0.0
187	10/18/2016 13:04	0.0	0.0	0.0
188	10/18/2016 13:05	0.0	0.0	0.0
189	10/18/2016 13:06	0.0	0.0	0.1
190	10/18/2016 13:07	0.0	0.0	0.1
191	10/18/2016 13:08	0.0	0.0	0.1
192	10/18/2016 13:09	0.0	0.0	0.0
193	10/18/2016 13:10	0.0	0.0	0.0
194	10/18/2016 13:11	0.0	0.0	0.0
195	10/18/2016 13:12	0.0	0.0	0.0
196	10/18/2016 13:13	0.0	0.0	0.0
197	10/18/2016 13:14	0.0	0.0	0.0
198	10/18/2016 13:15	0.0	0.0	0.0
199	10/18/2016 13:16	0.0	0.0	0.0
200	10/18/2016 13:17	0.0	0.0	0.0
201	10/18/2016 13:18	0.0	0.0	0.0
202	10/18/2016 13:19	0.0	0.0	0.0
203	10/18/2016 13:20	0.0	0.0	0.0
204	10/18/2016 13:21	0.0	0.0	0.0
205	10/18/2016 13:22	0.0	0.0	0.0
206	10/18/2016 13:23	0.0	0.0	0.0
207	10/18/2016 13:24	0.0	0.0	0.0
208	10/18/2016 13:25	0.0	0.0	0.0
209	10/18/2016 13:26	0.0	0.0	0.0
210	10/18/2016 13:27	0.0	0.0	0.0
211	10/18/2016 13:28	0.0	0.0	0.0
212	10/18/2016 13:29	0.0	0.0	0.0
213	10/18/2016 13:30	0.0	0.0	0.0
214	10/18/2016 13:31	0.0	0.0	0.0
215	10/18/2016 13:32	0.0	0.0	0.0
216	10/18/2016 13:33	0.0	0.0	0.0
217	10/18/2016 13:34	0.0	0.0	0.0
218	10/18/2016 13:35	0.0	0.0	0.0
219	10/18/2016 13:36	0.0	0.0	0.0
220	10/18/2016 13:37	0.0	0.0	0.0
221	10/18/2016 13:38	0.0	0.0	0.0
222	10/18/2016 13:39	0.0	0.0	0.0
223	10/18/2016 13:40	0.0	0.0	0.0
224	10/18/2016 13:41	0.0	0.0	0.0

		DW_VOCS_101816		
225	10/18/2016 13:42	0.0	0.0	0.0
226	10/18/2016 13:43	0.0	0.0	0.0
227	10/18/2016 13:44	0.0	0.0	0.0
228	10/18/2016 13:45	0.0	0.0	0.0
229	10/18/2016 13:46	0.0	0.0	0.0
230	10/18/2016 13:47	0.0	0.0	0.0
231	10/18/2016 13:48	0.0	0.0	0.0
232	10/18/2016 13:49	0.0	0.0	0.0
233	10/18/2016 13:50	0.0	0.0	0.0
234	10/18/2016 13:51	0.0	0.0	0.0
235	10/18/2016 13:52	0.0	0.0	0.0
236	10/18/2016 13:53	0.0	0.0	0.0
237	10/18/2016 13:54	0.0	0.0	0.0
238	10/18/2016 13:55	0.0	0.0	0.0
239	10/18/2016 13:56	0.0	0.0	0.0
240	10/18/2016 13:57	0.0	0.0	0.0
241	10/18/2016 13:58	0.0	0.0	0.0
242	10/18/2016 13:59	0.0	0.0	0.0
243	10/18/2016 14:00	0.0	0.0	0.1
244	10/18/2016 14:01	0.0	0.0	0.0
245	10/18/2016 14:02	0.0	0.0	0.0
246	10/18/2016 14:03	0.0	0.0	0.0
247	10/18/2016 14:04	0.0	0.0	0.0
248	10/18/2016 14:05	0.0	0.0	0.0
249	10/18/2016 14:06	0.0	0.0	0.0
250	10/18/2016 14:07	0.0	0.0	0.0
251	10/18/2016 14:08	0.0	0.0	0.0
252	10/18/2016 14:09	0.0	0.0	0.0
253	10/18/2016 14:10	0.0	0.0	0.0
254	10/18/2016 14:11	0.0	0.0	0.0
255	10/18/2016 14:12	0.0	0.0	0.0
256	10/18/2016 14:13	0.0	0.0	0.0
257	10/18/2016 14:14	0.0	0.0	0.0
258	10/18/2016 14:15	0.0	0.0	0.0
259	10/18/2016 14:16	0.0	0.0	0.0
260	10/18/2016 14:17	0.0	0.0	0.0
261	10/18/2016 14:18	0.0	0.0	0.0
262	10/18/2016 14:19	0.0	0.0	0.0
263	10/18/2016 14:20	0.0	0.0	0.0
264	10/18/2016 14:21	0.0	0.0	0.0
265	10/18/2016 14:22	0.0	0.0	0.0
266	10/18/2016 14:23	0.0	0.0	0.0
267	10/18/2016 14:24	0.0	0.0	0.0
268	10/18/2016 14:25	0.0	0.0	0.0
269	10/18/2016 14:26	0.0	0.0	0.0
270	10/18/2016 14:27	0.0	0.0	0.0
271	10/18/2016 14:28	0.0	0.0	0.0
272	10/18/2016 14:29	0.0	0.0	0.0

		DW_VOCS_101816		
273	10/18/2016 14:30	0.0	0.0	0.0
274	10/18/2016 14:31	0.0	0.0	0.0
275	10/18/2016 14:32	0.0	0.0	0.0
276	10/18/2016 14:33	0.0	0.0	0.0
277	10/18/2016 14:34	0.0	0.0	0.0
278	10/18/2016 14:35	0.0	0.0	0.0
279	10/18/2016 14:36	0.0	0.0	0.0
280	10/18/2016 14:37	0.0	0.0	0.0
281	10/18/2016 14:38	0.0	0.0	0.0
282	10/18/2016 14:39	0.0	0.0	0.0
283	10/18/2016 14:40	0.0	0.0	0.0
284	10/18/2016 14:41	0.0	0.0	0.0
285	10/18/2016 14:42	0.0	0.0	0.0
286	10/18/2016 14:43	0.0	0.0	0.0
287	10/18/2016 14:44	0.0	0.0	0.0
288	10/18/2016 14:45	0.0	0.0	0.0
289	10/18/2016 14:46	0.0	0.0	0.0
290	10/18/2016 14:47	0.0	0.0	0.0
291	10/18/2016 14:48	0.0	0.0	0.0
292	10/18/2016 14:49	0.0	0.0	0.0
293	10/18/2016 14:50	0.0	0.0	0.0
294	10/18/2016 14:51	0.0	0.0	0.0
295	10/18/2016 14:52	0.0	0.0	0.0
296	10/18/2016 14:53	0.0	0.0	0.0
297	10/18/2016 14:54	0.0	0.0	0.0
298	10/18/2016 14:55	0.0	0.0	0.1
299	10/18/2016 14:56	0.0	0.0	0.0
300	10/18/2016 14:57	0.0	0.0	0.0
301	10/18/2016 14:58	0.0	0.0	0.1
302	10/18/2016 14:59	0.0	0.0	0.0
303	10/18/2016 15:00	0.0	0.0	0.0
304	10/18/2016 15:01	0.0	0.0	0.0
305	10/18/2016 15:02	0.0	0.0	0.0
306	10/18/2016 15:03	0.0	0.0	0.1
307	10/18/2016 15:04	0.0	0.0	0.0
308	10/18/2016 15:05	0.0	0.0	0.0
309	10/18/2016 15:06	0.0	0.0	0.0
310	10/18/2016 15:07	0.0	0.0	0.1
311	10/18/2016 15:08	0.0	0.0	0.0
312	10/18/2016 15:09	0.0	0.0	0.0
313	10/18/2016 15:10	0.0	0.0	0.0
314	10/18/2016 15:11	0.0	0.0	0.0
315	10/18/2016 15:12	0.0	0.0	0.0
316	10/18/2016 15:13	0.0	0.0	0.0
317	10/18/2016 15:14	0.0	0.0	0.0
318	10/18/2016 15:15	0.0	0.0	0.0
319	10/18/2016 15:16	0.0	0.0	0.0
320	10/18/2016 15:17	0.0	0.0	0.0

			DW_VOCS_101816		
321	10/18/2016	15:18	0.0	0.0	0.0
322	10/18/2016	15:19	0.0	0.0	0.0
323	10/18/2016	15:20	0.0	0.0	0.0
324	10/18/2016	15:21	0.0	0.0	0.0
325	10/18/2016	15:22	0.0	0.0	0.0
326	10/18/2016	15:23	0.0	0.0	0.0
327	10/18/2016	15:24	0.0	0.0	0.0
328	10/18/2016	15:25	0.0	0.0	0.0
329	10/18/2016	15:26	0.0	0.0	0.0
330	10/18/2016	15:27	0.0	0.0	0.0
331	10/18/2016	15:28	0.0	0.0	0.0
332	10/18/2016	15:29	0.0	0.0	0.0
333	10/18/2016	15:30	0.0	0.0	0.0
334	10/18/2016	15:31	0.0	0.0	0.0
335	10/18/2016	15:32	0.0	0.0	0.0
336	10/18/2016	15:33	0.0	0.0	0.0
337	10/18/2016	15:34	0.0	0.0	0.0
338	10/18/2016	15:35	0.0	0.0	0.0
339	10/18/2016	15:36	0.0	0.0	0.0
340	10/18/2016	15:37	0.0	0.0	0.0
341	10/18/2016	15:38	0.0	0.0	0.0
342	10/18/2016	15:39	0.0	0.0	0.0
343	10/18/2016	15:40	0.0	0.0	0.0
344	10/18/2016	15:41	0.0	0.0	0.0
345	10/18/2016	15:42	0.0	0.0	0.0
346	10/18/2016	15:43	0.0	0.0	0.0
347	10/18/2016	15:44	0.0	0.0	0.0
348	10/18/2016	15:45	0.0	0.0	0.0
349	10/18/2016	15:46	0.0	0.0	0.0
350	10/18/2016	15:47	0.0	0.0	0.0
351	10/18/2016	15:48	0.0	0.0	0.0
352	10/18/2016	15:49	0.0	0.0	0.0
353	10/18/2016	15:50	0.0	0.0	0.0
354	10/18/2016	15:51	0.0	0.0	0.0
355	10/18/2016	15:52	0.0	0.0	0.0
356	10/18/2016	15:53	0.0	0.0	0.0
357	10/18/2016	15:54	0.0	0.0	0.0
358	10/18/2016	15:55	0.0	0.0	0.0
359	10/18/2016	15:56	0.0	0.0	0.0
360	10/18/2016	15:57	0.0	0.0	0.0
361	10/18/2016	15:58	0.0	0.0	0.0
362	10/18/2016	15:59	0.0	0.0	0.0
363	10/18/2016	16:00	0.0	0.0	0.1
364	10/18/2016	16:01	0.0	0.0	0.1
365	10/18/2016	16:02	0.0	0.0	0.0
366	10/18/2016	16:03	0.0	0.0	0.0
367	10/18/2016	16:04	0.0	0.0	0.0
368	10/18/2016	16:05	0.0	0.0	0.0

			DW_VOCS_101816		
369	10/18/2016	16:06	0.0	0.0	0.0
370	10/18/2016	16:07	0.0	0.0	0.0
371	10/18/2016	16:08	0.0	0.0	0.0
372	10/18/2016	16:09	0.0	0.0	0.0
373	10/18/2016	16:10	0.0	0.0	0.0
374	10/18/2016	16:11	0.0	0.0	0.0
375	10/18/2016	16:12	0.0	0.0	0.0
376	10/18/2016	16:13	0.0	0.0	0.0
377	10/18/2016	16:14	0.0	0.0	0.0
378	10/18/2016	16:15	0.0	0.0	0.0
379	10/18/2016	16:16	0.0	0.0	0.0
380	10/18/2016	16:17	0.0	0.0	0.0
381	10/18/2016	16:18	0.0	0.0	0.0
382	10/18/2016	16:19	0.0	0.0	0.0
383	10/18/2016	16:20	0.0	0.0	0.0
384	10/18/2016	16:21	0.0	0.0	0.0
385	10/18/2016	16:22	0.0	0.0	0.0

Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530133111
Firmware Version	3.4
Calibration Date	11/3/2015
Test Name	MANUAL_001
Test Start Time	8:55:08 AM
Test Start Date	10/17/2016
Test Length [D:H:M]	0:07:01
Test Interval [M:S]	1:00
Mass Average [mg/m3]	0.035
Mass Minimum [mg/m3]	0.031
Mass Maximum [mg/m3]	0.051
Mass TWA [mg/m3]	0.03
Photometric User Cal	1
Flow User Cal	0
Errors	
Number of Samples	421
Number of STELS	1

STEL Start Time	1:07:35 PM
STEL Start Date	10/17/2016
STEL Average [mg/m3]	0.034
STEL Minimum [mg/m3]	0.03
STEL Maximum [mg/m3]	0.248

Elapsed Time [s]	Mass [mg/m3]	Alarms	Errors
60	0.038		
120	0.038		
180	0.038		
240	0.037		
300	0.038		
360	0.037		
420	0.037		
480	0.037		
540	0.038		
600	0.038		
660	0.045		
720	0.04		
780	0.037		
840	0.036		
900	0.037		
960	0.037		
1020	0.036		
1080	0.038		
1140	0.037		
1200	0.036		

1260	0.036
1320	0.035
1380	0.035
1440	0.035
1500	0.035
1560	0.034
1620	0.034
1680	0.035
1740	0.034
1800	0.035
1860	0.034
1920	0.035
1980	0.035
2040	0.035
2100	0.034
2160	0.034
2220	0.034
2280	0.034
2340	0.033
2400	0.033
2460	0.033
2520	0.033
2580	0.033
2640	0.032
2700	0.032
2760	0.033
2820	0.033
2880	0.033
2940	0.033
3000	0.033
3060	0.033
3120	0.034
3180	0.033
3240	0.034
3300	0.034
3360	0.033
3420	0.033
3480	0.033
3540	0.033
3600	0.033
3660	0.033
3720	0.033
3780	0.033
3840	0.033
3900	0.033
3960	0.034
4020	0.036

4080	0.033
4140	0.033
4200	0.033
4260	0.033
4320	0.034
4380	0.034
4440	0.034
4500	0.034
4560	0.034
4620	0.034
4680	0.034
4740	0.035
4800	0.037
4860	0.038
4920	0.039
4980	0.041
5040	0.043
5100	0.047
5160	0.051
5220	0.046
5280	0.04
5340	0.037
5400	0.037
5460	0.036
5520	0.035
5580	0.035
5640	0.034
5700	0.034
5760	0.034
5820	0.033
5880	0.033
5940	0.032
6000	0.032
6060	0.033
6120	0.033
6180	0.033
6240	0.032
6300	0.032
6360	0.032
6420	0.031
6480	0.032
6540	0.032
6600	0.032
6660	0.032
6720	0.032
6780	0.032
6840	0.031

6900	0.031
6960	0.032
7020	0.032
7080	0.032
7140	0.032
7200	0.033
7260	0.033
7320	0.033
7380	0.033
7440	0.035
7500	0.035
7560	0.037
7620	0.032
7680	0.032
7740	0.032
7800	0.032
7860	0.034
7920	0.034
7980	0.034
8040	0.037
8100	0.038
8160	0.038
8220	0.039
8280	0.034
8340	0.033
8400	0.035
8460	0.036
8520	0.034
8580	0.034
8640	0.035
8700	0.035
8760	0.036
8820	0.038
8880	0.037
8940	0.036
9000	0.034
9060	0.034
9120	0.035
9180	0.035
9240	0.035
9300	0.035
9360	0.034
9420	0.034
9480	0.034
9540	0.034
9600	0.035
9660	0.034

9720	0.034
9780	0.034
9840	0.033
9900	0.033
9960	0.033
10020	0.033
10080	0.032
10140	0.033
10200	0.033
10260	0.033
10320	0.033
10380	0.033
10440	0.034
10500	0.034
10560	0.034
10620	0.035
10680	0.035
10740	0.036
10800	0.036
10860	0.035
10920	0.035
10980	0.035
11040	0.035
11100	0.035
11160	0.041
11220	0.036
11280	0.035
11340	0.035
11400	0.035
11460	0.035
11520	0.036
11580	0.036
11640	0.036
11700	0.037
11760	0.038
11820	0.038
11880	0.037
11940	0.037
12000	0.037
12060	0.036
12120	0.036
12180	0.036
12240	0.035
12300	0.035
12360	0.035
12420	0.035
12480	0.035

12540	0.034	
12600	0.034	
12660	0.036	
12720	0.036	
12780	0.035	
12840	0.035	
12900	0.034	
12960	0.034	
13020	0.034	
13080	0.034	
13140	0.035	
13200	0.035	
13260	0.035	
13320	0.035	
13380	0.036	
13440	0.035	
13500	0.035	
13560	0.035	
13620	0.035	
13680	0.035	
13740	0.034	
13800	0.034	
13860	0.036	
13920	0.037	
13980	0.035	
14040	0.034	
14100	0.034	
14160	0.034	
14220	0.034	
14280	0.034	
14340	0.033	
14400	0.034	
14460	0.034	
14520	0.034	
14580	0.034	
14640	0.034	
14700	0.034	
14760	0.034	
14820	0.034	
14880	0.034	
14940	0.034	
15000	0.033	
15060	0.033	
15120	0.033	
15180	0.04	1
15240	0.033	1
15300	0.032	1

15360	0.032	1
15420	0.032	1
15480	0.032	1
15540	0.039	1
15600	0.033	1
15660	0.033	1
15720	0.034	1
15780	0.034	1
15840	0.033	1
15900	0.033	1
15960	0.033	1
16020	0.033	1
16080	0.033	
16140	0.033	
16200	0.032	
16260	0.032	
16320	0.033	
16380	0.033	
16440	0.032	
16500	0.033	
16560	0.033	
16620	0.033	
16680	0.033	
16740	0.033	
16800	0.033	
16860	0.033	
16920	0.035	
16980	0.033	
17040	0.033	
17100	0.033	
17160	0.033	
17220	0.033	
17280	0.032	
17340	0.032	
17400	0.032	
17460	0.032	
17520	0.032	
17580	0.032	
17640	0.032	
17700	0.032	
17760	0.032	
17820	0.032	
17880	0.032	
17940	0.032	
18000	0.032	
18060	0.032	
18120	0.032	

18180	0.032
18240	0.032
18300	0.032
18360	0.033
18420	0.033
18480	0.033
18540	0.033
18600	0.033
18660	0.033
18720	0.033
18780	0.033
18840	0.033
18900	0.032
18960	0.033
19020	0.033
19080	0.033
19140	0.033
19200	0.033
19260	0.033
19320	0.033
19380	0.033
19440	0.033
19500	0.033
19560	0.032
19620	0.032
19680	0.033
19740	0.033
19800	0.033
19860	0.033
19920	0.033
19980	0.033
20040	0.033
20100	0.034
20160	0.034
20220	0.036
20280	0.035
20340	0.035
20400	0.035
20460	0.034
20520	0.035
20580	0.035
20640	0.034
20700	0.034
20760	0.035
20820	0.035
20880	0.035
20940	0.036

21000	0.035
21060	0.035
21120	0.036
21180	0.036
21240	0.036
21300	0.036
21360	0.037
21420	0.037
21480	0.037
21540	0.036
21600	0.036
21660	0.036
21720	0.036
21780	0.036
21840	0.036
21900	0.037
21960	0.036
22020	0.036
22080	0.037
22140	0.036
22200	0.037
22260	0.037
22320	0.036
22380	0.037
22440	0.037
22500	0.036
22560	0.037
22620	0.037
22680	0.037
22740	0.037
22800	0.036
22860	0.036
22920	0.036
22980	0.036
23040	0.036
23100	0.036
23160	0.036
23220	0.036
23280	0.035
23340	0.035
23400	0.035
23460	0.035
23520	0.035
23580	0.035
23640	0.035
23700	0.035
23760	0.036

23820	0.036
23880	0.036
23940	0.036
24000	0.035
24060	0.036
24120	0.035
24180	0.036
24240	0.036
24300	0.036
24360	0.036
24420	0.036
24480	0.036
24540	0.036
24600	0.036
24660	0.036
24720	0.038
24780	0.037
24840	0.038
24900	0.037
24960	0.037
25020	0.037
25080	0.038
25140	0.038
25200	0.037
25260	0.038

STEL Data

Elapsed Time [s]	Mass [mg/m ³]
60	0.04
120	0.033
180	0.032
240	0.032
300	0.032
360	0.036
420	0.035
480	0.033
540	0.033
600	0.034
660	0.034
720	0.033
780	0.033
840	0.033
900	0.033

Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530133111
Firmware Version	3.4
Calibration Date	11/3/2015
Test Name	MANUAL_002
Test Start Time	9:52:06 AM
Test Start Date	10/18/2016
Test Length [D:H:M]	0:03:44
Test Interval [M:S]	1:00
Mass Average [mg/m3]	0.023
Mass Minimum [mg/m3]	0
Mass Maximum [mg/m3]	0.058
Mass TWA [mg/m3]	0.011
Photometric User Cal	1
Flow User Cal	0
Errors	
Number of Samples	198
Number of STELS	1

STEL Start Time	10:42:17 AM
STEL Start Date	10/18/2016
STEL Average [mg/m3]	0.025
STEL Minimum [mg/m3]	0.019
STEL Maximum [mg/m3]	0.292

Elapsed Time [s]	Mass [mg/m3]	Alarms	Errors
9:53	0.027		
9:54	0.026		
9:55	0.026		
9:56	0.025		
9:57	0.024		
9:58	0.024		
9:59	0.024		
10:00	0.024		
10:01	0.025		
10:02	0.025		
10:03	0.028		
10:04	0.033		
10:05	0.023		
10:06	0.024		
10:07	0.024		
10:08	0.025		
10:09	0.024		
10:10	0.024		
10:11	0.025		
10:12	0.025		

10:13	0.024
10:14	0.024
10:15	0.025
10:16	0.025
10:17	0.025
10:18	0.025
10:19	0.024
10:20	0.025
10:21	0.024
10:22	0.023
10:23	0.023
10:24	0.024
10:25	0.027
10:26	0.034
10:27	0.025
10:28	0.024
10:29	0.024
10:30	0.024
10:31	0.023
10:32	0.024
10:33	0.024
10:34	0.023
10:35	0.023
10:36	0.025
10:37	0.025
10:38	0.024
10:39	0.025
10:40	0.024
10:41	0.023
10:42	0.032
10:43	0.058
10:44	0.025
10:45	0.022
10:46	0.023
10:47	0.022
10:48	0.022
10:49	0.022
10:50	0.023
10:51	0.023
10:52	0.023
10:53	0.023
10:54	0.022
10:55	0.022
10:56	0.022
10:57	0.022
10:58	0.022
10:59	0.022

11:00	0.022
11:01	0.022
11:02	0.022
11:03	0.022
11:04	0.023
11:05	0.023
11:06	0.022
11:07	0.022
11:08	0.021
11:09	0.02
11:10	0.021
11:11	0.021
11:12	0.022
11:13	0.022
11:14	0.021
11:15	0.022
11:16	0.021
11:17	0.021
11:18	0.021
11:19	0.021
11:20	0.021
11:21	0.025
11:22	0.022
11:23	0.022
11:24	0.021
11:25	0.021
11:26	0.021
11:27	0.021
11:28	0.021
11:29	0.023
11:30	0.022
11:31	0.021
11:32	0.021
11:33	0.021
11:34	0.021
11:35	0.021
11:36	0.022
11:37	0.023
11:38	0.022
11:39	0.022
11:40	0.021
11:41	0.021
11:42	0.023
11:43	0.022
11:44	0.021
11:45	0.022
11:46	0.022

11:47	0.022
11:48	0.022
11:49	0.022
11:50	0.022
11:51	0.021
11:52	0.021
11:53	0.021
11:54	0.022
11:55	0.022
11:56	0.022
11:57	0.022
11:58	0.022
11:59	0.022
12:00	0.022
12:01	0.022
12:02	0.022
12:03	0.021
12:04	0.021
12:05	0.021
12:06	0.021
12:07	0.021
12:08	0.022
12:09	0.023
12:10	0.023
12:11	0.023
12:12	0.023
12:13	0.023
12:14	0.023
12:15	0.024
12:16	0.024
12:17	0.023
12:18	0.023
12:19	0.024
12:20	0.024
12:21	0.023
12:22	0.023
12:23	0.023
12:24	0.023
12:25	0.024
12:26	0.022
12:27	0.021
12:28	0.022
12:29	0.021
12:30	0.021
12:31	0.022
12:32	0.022
12:33	0.023

12:34	0.022
12:35	0.022
12:36	0.023
12:37	0.023
12:38	0.023
12:39	0.023
12:40	0.022
12:41	0.022
12:42	0.022
12:43	0.022
12:44	0.022
12:45	0.022
12:46	0.023
12:47	0.023
12:48	0.022
12:49	0.023
12:50	0.023
12:51	0.022
12:52	0.022
12:53	0.023
12:54	0.026
12:55	0.023
12:56	0.023
12:57	0.023
12:58	0.023
12:59	0.022
13:00	0.022
13:01	0.022
13:02	0.021
13:03	0.021
13:04	0.021
13:05	0.021
13:06	0.021
13:07	0.021
13:08	0.021
13:09	0.022
13:10	0

STEL Data

Elapsed Time [s]	Mass [mg/m ³]
60	0.055
120	0.025
180	0.023
240	0.022
300	0.022
360	0.022
420	0.023

480	0.023
540	0.023
600	0.023
660	0.023
720	0.022
780	0.022
840	0.022
900	0.021

Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530133111
Firmware Version	3.4
Calibration Date	11/3/2015
Test Name	MANUAL_003
Test Start Time	1:37:32 PM
Test Start Date	10/18/2016
Test Length [D:H:M]	0:01:31
Test Interval [M:S]	1:00
Mass Average [mg/m3]	0.018
Mass Minimum [mg/m3]	0
Mass Maximum [mg/m3]	0.024
Mass TWA [mg/m3]	0.003
Photometric User Cal	1
Flow User Cal	0
Errors	Flow Error
Number of Samples	47

Elapsed Time [s]	Mass [mg/m3]	Alarms	Errors
13:38	0.021		
13:39	0.021		
13:40	0.021		
13:41	0.021		
13:42	0.021		
13:43	0.021		
13:44	0.021		
13:45	0.021		
13:46	0.021		
13:47	0.021		
13:48	0.021		
13:49	0.02		
13:50	0.02		
13:51	0.021		
13:52	0.02		
13:53	0.021		
13:54	0.021		
13:55	0.021		
13:56	0.024		
13:57	0.021		
13:58	0.02		
13:59	0.02		
14:00	0.021		
14:01	0.021		
14:02	0.021		
14:03	0.021		
14:04	0.022		

14:05	0.022
14:06	0.021
14:07	0.021
14:08	0.021
14:09	0.021
14:10	0.021
14:11	0.021
14:12	0.021
14:13	0.021
14:14	0.022
14:15	0.022
14:16	0.022
14:17	0.022
14:18	0
14:19	0.004
14:20	0.005
14:21	0.005
14:22	0.005
14:23	0.005
14:24	0.005

UW_VOCS_101716

Instrument: MiniRAE 2000 (PGM7600) Serial Number: 902625
 User ID: 00000001 Site ID: 00000289
 Data Points: 421 Gas Name: Isobutylene Sample Period: 60 sec
 Last Calibration Time: 10/17/2016 08:52

```

=====
Measurement Type:                Min(ppm)                Avg(ppm)
Max(ppm)
High Alarm Levels:                25.0                25.0                25.0
Low Alarm Levels:                 5.0                5.0                5.0
=====
  
```

```

=====
Line#  Date  Time      Min(ppm)      Alarm  Avg(ppm)      Alarm  Max(ppm)
Alarm
=====
  
```

```

=====
1    10/17/2016 08:58      0.5      1.1      4.1
2    10/17/2016 08:59      0.8      0.8      1.1
3    10/17/2016 09:00      0.7      0.8      1.1
4    10/17/2016 09:01      0.7      0.7      0.8
5    10/17/2016 09:02      0.8      0.8      0.9
6    10/17/2016 09:03      0.7      0.7      0.8
7    10/17/2016 09:04      0.7      0.7      0.8
8    10/17/2016 09:05      0.7      0.7      1.2
9    10/17/2016 09:06      0.7      0.8      0.9
10   10/17/2016 09:07      0.7      0.7      0.9
11   10/17/2016 09:08      0.8      0.8      1.0
12   10/17/2016 09:09      0.8      0.8      0.9
13   10/17/2016 09:10      0.9      0.9      1.0
14   10/17/2016 09:11      0.8      0.9      1.0
15   10/17/2016 09:12      0.8      0.8      0.9
16   10/17/2016 09:13      0.9      0.9      1.1
17   10/17/2016 09:14      0.9      1.0      1.1
18   10/17/2016 09:15      1.0      1.0      1.1
19   10/17/2016 09:16      1.0      1.0      1.1
20   10/17/2016 09:17      1.0      1.0      1.1
21   10/17/2016 09:18      1.1      1.1      1.2
22   10/17/2016 09:19      1.1      1.1      1.2
23   10/17/2016 09:20      1.1      1.1      1.2
24   10/17/2016 09:21      1.1      1.1      1.2
25   10/17/2016 09:22      1.2      1.2      1.2
26   10/17/2016 09:23      1.1      1.1      1.2
27   10/17/2016 09:24      1.0      1.1      1.2
28   10/17/2016 09:25      1.1      1.1      1.2
29   10/17/2016 09:26      1.1      1.1      1.2
30   10/17/2016 09:27      1.2      1.2      1.3
31   10/17/2016 09:28      1.1      1.1      1.2
32   10/17/2016 09:29      1.1      1.2      1.3
  
```

UW_VOCS_101716

33	10/17/2016 09:30	1.1	1.1	1.2
34	10/17/2016 09:31	1.2	1.2	1.3
35	10/17/2016 09:32	1.2	1.2	1.3
36	10/17/2016 09:33	1.1	1.1	1.2
37	10/17/2016 09:34	1.1	1.2	1.3
38	10/17/2016 09:35	1.2	1.2	1.2
39	10/17/2016 09:36	1.1	1.1	1.2
40	10/17/2016 09:37	1.1	1.2	1.3
41	10/17/2016 09:38	1.1	1.1	1.2
42	10/17/2016 09:39	1.1	1.1	1.2
43	10/17/2016 09:40	1.1	1.1	1.2
44	10/17/2016 09:41	1.0	1.0	1.2
45	10/17/2016 09:42	1.1	1.1	1.2
46	10/17/2016 09:43	1.0	1.0	1.1
47	10/17/2016 09:44	1.0	1.0	1.1
48	10/17/2016 09:45	1.0	1.0	1.1
49	10/17/2016 09:46	1.0	1.0	1.1
50	10/17/2016 09:47	1.1	1.1	1.2
51	10/17/2016 09:48	1.0	1.0	1.2
52	10/17/2016 09:49	1.0	1.1	1.2
53	10/17/2016 09:50	1.2	1.2	1.3
54	10/17/2016 09:51	1.0	1.1	1.3
55	10/17/2016 09:52	1.0	1.0	1.2
56	10/17/2016 09:53	1.0	1.0	1.1
57	10/17/2016 09:54	1.1	1.1	1.2
58	10/17/2016 09:55	1.1	1.1	1.2
59	10/17/2016 09:56	1.2	1.2	1.3
60	10/17/2016 09:57	1.1	1.1	1.2
61	10/17/2016 09:58	1.1	1.2	1.3
62	10/17/2016 09:59	1.1	1.1	1.2
63	10/17/2016 10:00	1.1	1.1	1.3
64	10/17/2016 10:01	1.2	1.2	1.3
65	10/17/2016 10:02	1.0	1.1	1.2
66	10/17/2016 10:03	1.0	1.1	1.3
67	10/17/2016 10:04	1.1	1.1	1.3
68	10/17/2016 10:05	1.2	1.2	1.3
69	10/17/2016 10:06	1.2	1.2	1.2
70	10/17/2016 10:07	1.2	1.2	1.2
71	10/17/2016 10:08	1.2	1.2	1.3
72	10/17/2016 10:09	1.2	1.2	1.3
73	10/17/2016 10:10	1.2	1.2	1.3
74	10/17/2016 10:11	1.2	1.2	1.3
75	10/17/2016 10:12	1.2	1.2	1.3
76	10/17/2016 10:13	1.2	1.2	1.3
77	10/17/2016 10:14	1.2	1.2	1.3
78	10/17/2016 10:15	1.2	1.2	1.3
79	10/17/2016 10:16	1.2	1.2	1.4
80	10/17/2016 10:17	1.2	1.3	1.4

UW_VOCS_101716

81	10/17/2016 10:18	1.2	1.2	1.3
82	10/17/2016 10:19	1.2	1.2	1.4
83	10/17/2016 10:20	1.3	1.3	1.4
84	10/17/2016 10:21	1.2	1.2	1.4
85	10/17/2016 10:22	1.2	1.2	1.3
86	10/17/2016 10:23	1.1	1.2	1.3
87	10/17/2016 10:24	1.1	1.2	1.3
88	10/17/2016 10:25	1.1	1.1	1.2
89	10/17/2016 10:26	1.0	1.0	1.2
90	10/17/2016 10:27	1.1	1.1	1.2
91	10/17/2016 10:28	1.0	1.1	1.2
92	10/17/2016 10:29	1.0	1.0	1.2
93	10/17/2016 10:30	1.0	1.0	1.2
94	10/17/2016 10:31	0.9	0.9	1.1
95	10/17/2016 10:32	0.9	0.9	1.0
96	10/17/2016 10:33	0.9	1.0	1.1
97	10/17/2016 10:34	0.9	0.9	1.1
98	10/17/2016 10:35	0.8	0.8	1.0
99	10/17/2016 10:36	0.8	0.8	0.9
100	10/17/2016 10:37	0.7	0.8	0.9
101	10/17/2016 10:38	0.8	0.8	0.9
102	10/17/2016 10:39	0.7	0.7	0.9
103	10/17/2016 10:40	0.7	0.7	0.9
104	10/17/2016 10:41	0.7	0.7	0.9
105	10/17/2016 10:42	0.5	0.6	0.8
106	10/17/2016 10:43	0.6	0.7	0.9
107	10/17/2016 10:44	0.6	0.7	0.9
108	10/17/2016 10:45	0.6	0.6	0.8
109	10/17/2016 10:46	0.6	0.7	0.8
110	10/17/2016 10:47	0.6	0.6	0.8
111	10/17/2016 10:48	0.4	0.4	0.5
112	10/17/2016 10:49	0.4	0.5	0.6
113	10/17/2016 10:50	0.5	0.6	0.7
114	10/17/2016 10:51	0.4	0.5	0.7
115	10/17/2016 10:52	0.3	0.3	0.4
116	10/17/2016 10:53	0.4	0.4	0.6
117	10/17/2016 10:54	0.3	0.4	0.6
118	10/17/2016 10:55	0.3	0.4	0.5
119	10/17/2016 10:56	0.2	0.3	0.5
120	10/17/2016 10:57	0.2	0.2	0.4
121	10/17/2016 10:58	0.2	0.2	0.3
122	10/17/2016 10:59	0.2	0.2	0.4
123	10/17/2016 11:00	0.2	0.2	0.3
124	10/17/2016 11:01	0.2	0.2	0.3
125	10/17/2016 11:02	0.2	0.2	0.3
126	10/17/2016 11:03	0.2	0.2	0.3
127	10/17/2016 11:04	0.2	0.2	0.3
128	10/17/2016 11:05	0.1	0.1	0.2

			UW_VOCS_101716		
129	10/17/2016	11:06	0.1	0.2	0.3
130	10/17/2016	11:07	0.1	0.1	0.2
131	10/17/2016	11:08	0.1	0.1	0.2
132	10/17/2016	11:09	0.1	0.1	0.2
133	10/17/2016	11:10	0.1	0.1	0.2
134	10/17/2016	11:11	0.0	0.0	0.1
135	10/17/2016	11:12	0.0	0.0	0.1
136	10/17/2016	11:13	0.0	0.0	0.1
137	10/17/2016	11:14	0.1	0.1	0.2
138	10/17/2016	11:15	0.0	0.0	0.1
139	10/17/2016	11:16	0.0	0.0	0.1
140	10/17/2016	11:17	0.0	0.0	0.1
141	10/17/2016	11:18	0.0	0.0	0.1
142	10/17/2016	11:19	0.0	0.0	0.1
143	10/17/2016	11:20	0.0	0.0	0.1
144	10/17/2016	11:21	0.0	0.0	0.1
145	10/17/2016	11:22	0.0	0.0	0.1
146	10/17/2016	11:23	0.0	0.0	0.1
147	10/17/2016	11:24	0.0	0.0	0.1
148	10/17/2016	11:25	0.0	0.0	0.1
149	10/17/2016	11:26	0.0	0.0	0.1
150	10/17/2016	11:27	0.0	0.0	0.1
151	10/17/2016	11:28	0.0	0.0	0.1
152	10/17/2016	11:29	0.0	0.0	0.1
153	10/17/2016	11:30	0.0	0.0	0.0
154	10/17/2016	11:31	0.0	0.0	0.0
155	10/17/2016	11:32	0.0	0.0	0.0
156	10/17/2016	11:33	0.0	0.0	0.0
157	10/17/2016	11:34	0.0	0.0	0.0
158	10/17/2016	11:35	0.0	0.0	0.0
159	10/17/2016	11:36	0.0	0.0	0.0
160	10/17/2016	11:37	0.0	0.0	0.1
161	10/17/2016	11:38	0.0	0.0	0.0
162	10/17/2016	11:39	0.0	0.0	0.0
163	10/17/2016	11:40	0.0	0.0	0.0
164	10/17/2016	11:41	0.0	0.0	0.0
165	10/17/2016	11:42	0.0	0.0	0.0
166	10/17/2016	11:43	0.0	0.0	0.0
167	10/17/2016	11:44	0.0	0.0	0.0
168	10/17/2016	11:45	0.0	0.0	0.0
169	10/17/2016	11:46	0.0	0.0	0.0
170	10/17/2016	11:47	0.0	0.0	0.0
171	10/17/2016	11:48	0.0	0.0	0.0
172	10/17/2016	11:49	0.0	0.0	0.0
173	10/17/2016	11:50	0.0	0.0	0.0
174	10/17/2016	11:51	0.0	0.0	0.0
175	10/17/2016	11:52	0.0	0.0	0.0
176	10/17/2016	11:53	0.0	0.0	0.0

		UW_VOCS_101716		
177	10/17/2016 11:54	0.0	0.0	0.0
178	10/17/2016 11:55	0.0	0.0	0.0
179	10/17/2016 11:56	0.0	0.0	0.0
180	10/17/2016 11:57	0.0	0.0	0.0
181	10/17/2016 11:58	0.0	0.0	0.0
182	10/17/2016 11:59	0.0	0.0	0.0
183	10/17/2016 12:00	0.0	0.0	0.0
184	10/17/2016 12:01	0.0	0.0	0.0
185	10/17/2016 12:02	0.0	0.0	0.0
186	10/17/2016 12:03	0.0	3.3	5.2 L
187	10/17/2016 12:04	2.1	2.3	2.9
188	10/17/2016 12:05	1.8	2.1	2.6
189	10/17/2016 12:06	1.7	1.8	2.6
190	10/17/2016 12:07	1.7	2.0	2.5
191	10/17/2016 12:08	1.3	1.5	2.0
192	10/17/2016 12:09	1.1	1.2	1.5
193	10/17/2016 12:10	1.0	1.2	1.4
194	10/17/2016 12:11	1.1	1.2	1.7
195	10/17/2016 12:12	1.0	1.0	1.3
196	10/17/2016 12:13	0.9	0.9	1.1
197	10/17/2016 12:14	0.9	1.0	1.3
198	10/17/2016 12:15	0.9	1.1	1.5
199	10/17/2016 12:16	1.0	1.1	1.3
200	10/17/2016 12:17	0.8	0.9	1.4
201	10/17/2016 12:18	0.8	1.0	1.6
202	10/17/2016 12:19	0.8	1.1	1.5
203	10/17/2016 12:20	0.8	1.2	1.8
204	10/17/2016 12:21	0.9	1.3	2.0
205	10/17/2016 12:22	0.9	1.2	2.2
206	10/17/2016 12:23	0.6	0.9	1.3
207	10/17/2016 12:24	0.6	0.8	1.0
208	10/17/2016 12:25	0.8	1.0	1.2
209	10/17/2016 12:26	0.7	0.9	1.1
210	10/17/2016 12:27	0.6	0.9	1.3
211	10/17/2016 12:28	0.5	0.8	1.2
212	10/17/2016 12:29	0.5	0.8	1.1
213	10/17/2016 12:30	0.6	0.8	1.2
214	10/17/2016 12:31	0.5	0.6	1.0
215	10/17/2016 12:32	0.5	0.6	0.9
216	10/17/2016 12:33	0.5	0.6	0.8
217	10/17/2016 12:34	0.5	0.6	1.0
218	10/17/2016 12:35	0.6	0.7	1.0
219	10/17/2016 12:36	0.6	0.7	1.0
220	10/17/2016 12:37	0.5	0.6	0.9
221	10/17/2016 12:38	0.6	0.7	0.9
222	10/17/2016 12:39	0.7	0.7	0.9
223	10/17/2016 12:40	0.6	0.6	0.8
224	10/17/2016 12:41	0.6	0.7	0.8

			UW_VOCS_101716		
225	10/17/2016	12:42	0.6	0.7	0.8
226	10/17/2016	12:43	0.7	0.7	0.8
227	10/17/2016	12:44	0.7	0.8	1.0
228	10/17/2016	12:45	0.8	0.8	1.0
229	10/17/2016	12:46	0.7	0.7	0.9
230	10/17/2016	12:47	0.8	0.9	1.1
231	10/17/2016	12:48	0.8	0.8	0.9
232	10/17/2016	12:49	0.7	0.8	1.0
233	10/17/2016	12:50	0.7	0.7	0.9
234	10/17/2016	12:51	0.8	0.8	1.1
235	10/17/2016	12:52	0.7	0.8	1.0
236	10/17/2016	12:53	0.7	0.8	1.0
237	10/17/2016	12:54	0.7	0.8	1.0
238	10/17/2016	12:55	0.7	0.7	0.9
239	10/17/2016	12:56	0.8	0.8	1.0
240	10/17/2016	12:57	0.6	0.7	0.8
241	10/17/2016	12:58	0.5	0.6	0.8
242	10/17/2016	12:59	0.5	0.6	0.7
243	10/17/2016	13:00	0.5	0.6	0.8
244	10/17/2016	13:01	0.6	0.6	0.8
245	10/17/2016	13:02	0.5	0.5	0.7
246	10/17/2016	13:03	0.5	0.6	0.7
247	10/17/2016	13:04	0.5	0.5	0.6
248	10/17/2016	13:05	0.4	0.4	0.6
249	10/17/2016	13:06	0.4	0.4	0.5
250	10/17/2016	13:07	0.4	0.5	0.7
251	10/17/2016	13:08	0.5	0.5	0.7
252	10/17/2016	13:09	0.5	0.5	0.6
253	10/17/2016	13:10	0.5	0.5	0.6
254	10/17/2016	13:11	0.5	0.5	0.7
255	10/17/2016	13:12	0.4	0.4	0.6
256	10/17/2016	13:13	0.3	0.4	0.5
257	10/17/2016	13:14	0.3	0.3	0.5
258	10/17/2016	13:15	0.3	0.3	0.4
259	10/17/2016	13:16	0.2	0.3	0.4
260	10/17/2016	13:17	0.3	0.3	0.4
261	10/17/2016	13:18	0.3	0.3	0.4
262	10/17/2016	13:19	0.2	0.2	0.4
263	10/17/2016	13:20	0.2	0.2	0.4
264	10/17/2016	13:21	0.2	0.2	0.3
265	10/17/2016	13:22	0.2	0.2	0.3
266	10/17/2016	13:23	0.2	0.2	0.3
267	10/17/2016	13:24	0.2	0.2	0.3
268	10/17/2016	13:25	0.2	0.2	0.3
269	10/17/2016	13:26	0.1	0.1	0.3
270	10/17/2016	13:27	0.1	0.1	0.3
271	10/17/2016	13:28	0.1	0.1	0.2
272	10/17/2016	13:29	0.1	0.1	0.2

		UW_VOCS_101716		
273	10/17/2016 13:30	0.1	0.1	0.2
274	10/17/2016 13:31	0.1	0.1	0.2
275	10/17/2016 13:32	0.1	0.1	0.1
276	10/17/2016 13:33	0.1	0.1	0.1
277	10/17/2016 13:34	0.1	0.1	0.2
278	10/17/2016 13:35	0.1	0.1	0.2
279	10/17/2016 13:36	0.0	0.1	0.2
280	10/17/2016 13:37	0.0	0.0	0.1
281	10/17/2016 13:38	0.1	0.1	0.1
282	10/17/2016 13:39	0.1	0.1	0.1
283	10/17/2016 13:40	0.0	0.0	0.1
284	10/17/2016 13:41	0.1	0.1	0.1
285	10/17/2016 13:42	0.0	0.0	0.2
286	10/17/2016 13:43	0.1	0.1	0.2
287	10/17/2016 13:44	0.1	0.1	0.2
288	10/17/2016 13:45	0.1	0.1	0.2
289	10/17/2016 13:46	0.1	0.1	0.1
290	10/17/2016 13:47	0.0	0.0	0.2
291	10/17/2016 13:48	0.0	0.0	0.1
292	10/17/2016 13:49	0.1	0.1	0.1
293	10/17/2016 13:50	0.1	0.1	0.1
294	10/17/2016 13:51	0.0	0.0	0.1
295	10/17/2016 13:52	0.0	0.0	0.1
296	10/17/2016 13:53	0.0	0.0	0.1
297	10/17/2016 13:54	0.0	0.0	0.1
298	10/17/2016 13:55	0.0	0.0	0.1
299	10/17/2016 13:56	0.1	0.1	0.1
300	10/17/2016 13:57	0.0	0.0	0.1
301	10/17/2016 13:58	0.1	0.1	0.1
302	10/17/2016 13:59	0.0	0.0	0.1
303	10/17/2016 14:00	0.1	0.1	0.1
304	10/17/2016 14:01	0.0	0.0	0.1
305	10/17/2016 14:02	0.1	0.1	0.1
306	10/17/2016 14:03	0.1	0.1	0.1
307	10/17/2016 14:04	0.0	0.0	0.1
308	10/17/2016 14:05	0.1	0.1	0.1
309	10/17/2016 14:06	0.0	0.0	0.1
310	10/17/2016 14:07	0.0	0.0	0.1
311	10/17/2016 14:08	0.0	0.0	0.1
312	10/17/2016 14:09	0.0	0.0	0.1
313	10/17/2016 14:10	0.0	0.0	0.1
314	10/17/2016 14:11	0.0	0.0	0.1
315	10/17/2016 14:12	0.0	0.0	0.1
316	10/17/2016 14:13	0.0	0.0	0.1
317	10/17/2016 14:14	0.0	0.0	0.1
318	10/17/2016 14:15	0.0	0.0	0.1
319	10/17/2016 14:16	0.0	0.0	0.1
320	10/17/2016 14:17	0.0	0.0	0.1

		UW_VOCS_101716		
321	10/17/2016 14:18	0.0	0.0	0.1
322	10/17/2016 14:19	0.0	0.0	0.0
323	10/17/2016 14:20	0.0	0.0	0.1
324	10/17/2016 14:21	0.0	0.0	0.1
325	10/17/2016 14:22	0.0	0.0	0.1
326	10/17/2016 14:23	0.0	0.0	0.1
327	10/17/2016 14:24	0.0	0.0	0.1
328	10/17/2016 14:25	0.0	0.0	0.1
329	10/17/2016 14:26	0.0	0.0	0.0
330	10/17/2016 14:27	0.0	0.0	0.0
331	10/17/2016 14:28	0.0	0.0	0.0
332	10/17/2016 14:29	0.0	0.0	0.0
333	10/17/2016 14:30	0.0	0.0	0.0
334	10/17/2016 14:31	0.0	0.0	0.0
335	10/17/2016 14:32	0.0	0.0	0.0
336	10/17/2016 14:33	0.0	0.0	0.0
337	10/17/2016 14:34	0.0	0.0	0.0
338	10/17/2016 14:35	0.0	0.0	0.0
339	10/17/2016 14:36	0.0	0.0	0.0
340	10/17/2016 14:37	0.0	0.0	0.0
341	10/17/2016 14:38	0.0	0.0	0.0
342	10/17/2016 14:39	0.0	0.0	0.0
343	10/17/2016 14:40	0.0	0.0	0.0
344	10/17/2016 14:41	0.0	0.0	0.0
345	10/17/2016 14:42	0.0	0.0	0.0
346	10/17/2016 14:43	0.0	0.0	0.0
347	10/17/2016 14:44	0.0	0.0	0.0
348	10/17/2016 14:45	0.0	0.0	0.0
349	10/17/2016 14:46	0.0	0.0	0.0
350	10/17/2016 14:47	0.0	0.0	0.0
351	10/17/2016 14:48	0.0	0.0	0.0
352	10/17/2016 14:49	0.0	0.0	0.0
353	10/17/2016 14:50	0.0	0.0	0.0
354	10/17/2016 14:51	0.0	0.0	0.0
355	10/17/2016 14:52	0.0	0.0	0.0
356	10/17/2016 14:53	0.0	0.0	0.0
357	10/17/2016 14:54	0.0	0.0	0.0
358	10/17/2016 14:55	0.0	0.0	0.0
359	10/17/2016 14:56	0.0	0.0	0.0
360	10/17/2016 14:57	0.0	0.0	0.0
361	10/17/2016 14:58	0.0	0.0	0.0
362	10/17/2016 14:59	0.0	0.0	0.0
363	10/17/2016 15:00	0.0	0.0	0.0
364	10/17/2016 15:01	0.0	0.0	0.0
365	10/17/2016 15:02	0.0	0.0	0.0
366	10/17/2016 15:03	0.0	0.0	0.0
367	10/17/2016 15:04	0.0	0.0	0.0
368	10/17/2016 15:05	0.0	0.0	0.0

			UW_VOCS_101716		
369	10/17/2016	15:06	0.0	0.0	0.0
370	10/17/2016	15:07	0.0	0.0	0.0
371	10/17/2016	15:08	0.0	0.0	0.0
372	10/17/2016	15:09	0.0	0.0	0.0
373	10/17/2016	15:10	0.0	0.0	0.0
374	10/17/2016	15:11	0.0	0.0	0.0
375	10/17/2016	15:12	0.0	0.0	0.0
376	10/17/2016	15:13	0.0	0.0	0.0
377	10/17/2016	15:14	0.0	0.0	0.0
378	10/17/2016	15:15	0.0	0.0	0.0
379	10/17/2016	15:16	0.0	0.0	0.0
380	10/17/2016	15:17	0.0	0.0	0.0
381	10/17/2016	15:18	0.0	0.0	0.0
382	10/17/2016	15:19	0.0	0.0	0.0
383	10/17/2016	15:20	0.0	0.0	0.0
384	10/17/2016	15:21	0.0	0.0	0.0
385	10/17/2016	15:22	0.0	0.0	0.0
386	10/17/2016	15:23	0.0	0.0	0.0
387	10/17/2016	15:24	0.0	0.0	0.0
388	10/17/2016	15:25	0.0	0.0	0.0
389	10/17/2016	15:26	0.0	0.0	0.0
390	10/17/2016	15:27	0.0	0.0	0.0
391	10/17/2016	15:28	0.0	0.0	0.0
392	10/17/2016	15:29	0.0	0.0	0.0
393	10/17/2016	15:30	0.0	0.0	0.0
394	10/17/2016	15:31	0.0	0.0	0.0
395	10/17/2016	15:32	0.0	0.0	0.0
396	10/17/2016	15:33	0.0	0.0	0.0
397	10/17/2016	15:34	0.0	0.0	0.0
398	10/17/2016	15:35	0.0	0.0	0.0
399	10/17/2016	15:36	0.0	0.0	0.0
400	10/17/2016	15:37	0.0	0.0	0.0
401	10/17/2016	15:38	0.0	0.0	0.0
402	10/17/2016	15:39	0.0	0.0	0.0
403	10/17/2016	15:40	0.0	0.0	0.0
404	10/17/2016	15:41	0.0	0.0	0.0
405	10/17/2016	15:42	0.0	0.0	0.0
406	10/17/2016	15:43	0.0	0.0	0.0
407	10/17/2016	15:44	0.0	0.0	0.0
408	10/17/2016	15:45	0.0	0.0	0.0
409	10/17/2016	15:46	0.0	0.0	0.0
410	10/17/2016	15:47	0.0	0.0	0.0
411	10/17/2016	15:48	0.0	0.0	0.0
412	10/17/2016	15:49	0.0	0.0	0.0
413	10/17/2016	15:50	0.0	0.0	0.0
414	10/17/2016	15:51	0.0	0.0	0.0
415	10/17/2016	15:52	0.0	0.0	0.0
416	10/17/2016	15:53	0.0	0.0	0.0

			UW_VOCS_101716		
417	10/17/2016	15:54	0.0	0.0	0.0
418	10/17/2016	15:55	0.0	0.0	0.0
419	10/17/2016	15:56	0.0	0.0	0.0
420	10/17/2016	15:57	0.0	0.0	0.0
421	10/17/2016	15:58	0.0	0.0	0.0

UW_VOCS_101816

Instrument: MiniRAE 2000 (PGM7600) Serial Number: 902625
 User ID: 00000001 Site ID: 00000290
 Data Points: 514 Gas Name: Isobutylene Sample Period: 60 sec
 Last Calibration Time: 10/18/2016 08:15

Measurement Type:	Min(ppm)	Avg(ppm)	
Max(ppm)			
High Alarm Levels:	25.0	25.0	25.0
Low Alarm Levels:	5.0	5.0	5.0

Line#	Date	Time	Min(ppm)	Alarm	Avg(ppm)	Alarm	Max(ppm)
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1	10/18/2016	08:17	0.0		0.0		0.0
2	10/18/2016	08:18	0.0		0.0		0.0
3	10/18/2016	08:19	0.0		0.0		0.0
4	10/18/2016	08:20	0.0		0.0		0.0
5	10/18/2016	08:21	0.0		0.0		0.0
6	10/18/2016	08:22	0.0		0.0		0.0
7	10/18/2016	08:23	0.0		0.0		0.0
8	10/18/2016	08:24	0.0		0.0		0.0
9	10/18/2016	08:25	0.0		0.0		0.0
10	10/18/2016	08:26	0.0		0.0		0.0
11	10/18/2016	08:27	0.0		0.0		0.0
12	10/18/2016	08:28	0.0		0.0		0.0
13	10/18/2016	08:29	0.0		0.0		0.0
14	10/18/2016	08:30	0.0		0.0		0.0
15	10/18/2016	08:31	0.0		0.0		0.0
16	10/18/2016	08:32	0.0		0.0		0.0
17	10/18/2016	08:33	0.0		0.0		0.0
18	10/18/2016	08:34	0.0		0.0		0.0
19	10/18/2016	08:35	0.0		0.0		0.0
20	10/18/2016	08:36	0.0		0.0		0.0
21	10/18/2016	08:37	0.0		0.0		0.1
22	10/18/2016	08:38	0.0		0.0		0.1
23	10/18/2016	08:39	0.0		0.0		0.1
24	10/18/2016	08:40	0.0		0.0		0.1
25	10/18/2016	08:41	0.0		0.0		0.1
26	10/18/2016	08:42	0.1		0.1		0.1
27	10/18/2016	08:43	0.1		0.1		0.1
28	10/18/2016	08:44	0.1		0.1		0.2
29	10/18/2016	08:45	0.1		0.1		0.2
30	10/18/2016	08:46	0.1		0.1		0.2
31	10/18/2016	08:47	0.1		0.1		0.2
32	10/18/2016	08:48	0.2		0.2		0.3

		UW_VOCS_101816		
33	10/18/2016 08:49	0.2	0.2	0.2
34	10/18/2016 08:50	0.2	0.2	0.3
35	10/18/2016 08:51	0.2	0.2	0.3
36	10/18/2016 08:52	0.2	0.2	0.3
37	10/18/2016 08:53	0.2	0.2	0.3
38	10/18/2016 08:54	0.2	0.2	0.4
39	10/18/2016 08:55	0.2	0.2	0.3
40	10/18/2016 08:56	0.2	0.2	0.3
41	10/18/2016 08:57	0.2	0.2	0.3
42	10/18/2016 08:58	0.2	0.2	0.3
43	10/18/2016 08:59	0.2	0.2	0.3
44	10/18/2016 09:00	0.2	0.2	0.3
45	10/18/2016 09:01	0.2	0.2	0.3
46	10/18/2016 09:02	0.2	0.2	0.3
47	10/18/2016 09:03	0.2	0.2	0.3
48	10/18/2016 09:04	0.2	0.2	0.3
49	10/18/2016 09:05	0.3	0.3	0.3
50	10/18/2016 09:06	0.3	0.3	0.3
51	10/18/2016 09:07	0.3	0.3	0.3
52	10/18/2016 09:08	0.3	0.3	0.3
53	10/18/2016 09:09	0.3	0.3	0.4
54	10/18/2016 09:10	0.3	0.3	0.4
55	10/18/2016 09:11	0.3	0.3	0.4
56	10/18/2016 09:12	0.3	0.3	0.4
57	10/18/2016 09:13	0.3	0.3	0.4
58	10/18/2016 09:14	0.3	0.3	0.4
59	10/18/2016 09:15	0.3	0.3	0.4
60	10/18/2016 09:16	0.3	0.3	0.4
61	10/18/2016 09:17	0.3	0.3	0.4
62	10/18/2016 09:18	0.3	0.3	0.4
63	10/18/2016 09:19	0.3	0.3	0.4
64	10/18/2016 09:20	0.3	0.3	0.4
65	10/18/2016 09:21	0.3	0.3	0.4
66	10/18/2016 09:22	0.3	0.3	0.4
67	10/18/2016 09:23	0.3	0.3	0.4
68	10/18/2016 09:24	0.3	0.3	0.4
69	10/18/2016 09:25	0.3	0.3	0.4
70	10/18/2016 09:26	0.3	0.3	0.4
71	10/18/2016 09:27	0.3	0.3	0.3
72	10/18/2016 09:28	0.3	0.3	0.4
73	10/18/2016 09:29	0.2	0.3	0.4
74	10/18/2016 09:30	0.3	0.3	0.3
75	10/18/2016 09:31	0.3	0.3	0.3
76	10/18/2016 09:32	0.3	0.3	0.4
77	10/18/2016 09:33	0.3	0.3	0.3
78	10/18/2016 09:34	0.3	0.3	0.4
79	10/18/2016 09:35	0.3	0.3	0.4
80	10/18/2016 09:36	0.3	0.3	0.5

		UW_VOCS_101816		
81	10/18/2016 09:37	0.3	0.3	0.5
82	10/18/2016 09:38	0.3	0.3	0.4
83	10/18/2016 09:39	0.4	0.4	0.4
84	10/18/2016 09:40	0.4	0.4	0.5
85	10/18/2016 09:41	0.3	0.3	0.4
86	10/18/2016 09:42	0.4	0.4	0.5
87	10/18/2016 09:43	0.4	0.4	0.5
88	10/18/2016 09:44	0.4	0.4	0.4
89	10/18/2016 09:45	0.3	0.4	0.5
90	10/18/2016 09:46	0.4	0.4	0.5
91	10/18/2016 09:47	0.4	0.4	0.5
92	10/18/2016 09:48	0.4	0.4	0.5
93	10/18/2016 09:49	0.4	0.4	0.5
94	10/18/2016 09:50	0.4	0.4	0.5
95	10/18/2016 09:51	0.4	0.4	0.5
96	10/18/2016 09:52	0.4	0.4	0.5
97	10/18/2016 09:53	0.4	0.4	0.5
98	10/18/2016 09:54	0.5	0.5	0.6
99	10/18/2016 09:55	0.4	0.4	0.7
100	10/18/2016 09:56	0.4	0.4	0.5
101	10/18/2016 09:57	0.4	0.4	0.5
102	10/18/2016 09:58	0.4	0.4	0.5
103	10/18/2016 09:59	0.4	0.4	0.5
104	10/18/2016 10:00	0.4	0.4	0.5
105	10/18/2016 10:01	0.4	0.4	0.5
106	10/18/2016 10:02	0.4	0.4	0.5
107	10/18/2016 10:03	0.4	0.4	0.5
108	10/18/2016 10:04	0.4	0.4	0.5
109	10/18/2016 10:05	0.4	0.4	0.5
110	10/18/2016 10:06	0.4	0.4	0.5
111	10/18/2016 10:07	0.4	0.4	0.5
112	10/18/2016 10:08	0.3	0.3	0.4
113	10/18/2016 10:09	0.3	0.3	0.4
114	10/18/2016 10:10	0.3	0.3	0.4
115	10/18/2016 10:11	0.3	0.3	0.4
116	10/18/2016 10:12	0.4	0.4	0.5
117	10/18/2016 10:13	0.4	0.4	0.5
118	10/18/2016 10:14	0.4	0.4	0.5
119	10/18/2016 10:15	0.4	0.4	0.5
120	10/18/2016 10:16	0.3	0.3	0.4
121	10/18/2016 10:17	0.3	0.3	0.4
122	10/18/2016 10:18	0.3	0.4	0.5
123	10/18/2016 10:19	0.3	0.3	0.4
124	10/18/2016 10:20	0.3	0.3	0.4
125	10/18/2016 10:21	0.3	0.3	0.4
126	10/18/2016 10:22	0.3	0.4	0.5
127	10/18/2016 10:23	0.3	0.4	0.5
128	10/18/2016 10:24	0.3	0.3	0.4

			UW_VOCS_101816		
129	10/18/2016	10:25	0.3	0.3	0.4
130	10/18/2016	10:26	0.3	0.3	0.4
131	10/18/2016	10:27	0.3	0.3	0.4
132	10/18/2016	10:28	0.4	0.4	0.5
133	10/18/2016	10:29	0.3	0.4	0.5
134	10/18/2016	10:30	0.3	0.3	0.4
135	10/18/2016	10:31	0.3	0.3	0.4
136	10/18/2016	10:32	0.4	0.4	0.4
137	10/18/2016	10:33	0.3	0.3	0.4
138	10/18/2016	10:34	0.4	0.4	0.4
139	10/18/2016	10:35	0.4	0.4	0.5
140	10/18/2016	10:36	0.2	0.3	0.5
141	10/18/2016	10:37	0.3	0.3	0.5
142	10/18/2016	10:38	0.3	0.4	0.6
143	10/18/2016	10:39	0.3	0.3	0.4
144	10/18/2016	10:40	0.2	0.2	0.5
145	10/18/2016	10:41	0.2	0.2	0.4
146	10/18/2016	10:42	0.1	0.2	0.4
147	10/18/2016	10:43	0.2	0.2	0.5
148	10/18/2016	10:44	0.2	0.2	0.3
149	10/18/2016	10:45	0.1	0.1	0.5
150	10/18/2016	10:46	0.1	0.1	0.2
151	10/18/2016	10:47	0.1	0.1	0.2
152	10/18/2016	10:48	0.1	0.1	0.2
153	10/18/2016	10:49	0.1	0.1	0.2
154	10/18/2016	10:50	0.1	0.1	0.2
155	10/18/2016	10:51	0.1	0.1	0.1
156	10/18/2016	10:52	0.1	0.1	0.2
157	10/18/2016	10:53	0.1	0.1	0.2
158	10/18/2016	10:54	0.1	0.1	0.1
159	10/18/2016	10:55	0.1	0.1	0.2
160	10/18/2016	10:56	0.1	0.1	0.1
161	10/18/2016	10:57	0.1	0.1	0.1
162	10/18/2016	10:58	0.1	0.1	0.1
163	10/18/2016	10:59	0.1	0.1	0.2
164	10/18/2016	11:00	0.1	0.1	0.1
165	10/18/2016	11:01	0.1	0.1	0.2
166	10/18/2016	11:02	0.1	0.1	0.1
167	10/18/2016	11:03	0.0	0.0	0.1
168	10/18/2016	11:04	0.0	0.0	0.1
169	10/18/2016	11:05	0.0	0.0	0.1
170	10/18/2016	11:06	0.0	0.0	0.1
171	10/18/2016	11:07	0.0	0.0	0.1
172	10/18/2016	11:08	0.0	0.0	0.1
173	10/18/2016	11:09	0.0	0.0	0.1
174	10/18/2016	11:10	0.0	0.0	0.1
175	10/18/2016	11:11	0.0	0.0	0.1
176	10/18/2016	11:12	0.0	0.0	0.1

		UW_VOCS_101816		
177	10/18/2016 11:13	0.0	0.0	0.1
178	10/18/2016 11:14	0.0	0.0	0.1
179	10/18/2016 11:15	0.0	0.0	0.1
180	10/18/2016 11:16	0.0	0.0	0.1
181	10/18/2016 11:17	0.0	0.0	0.1
182	10/18/2016 11:18	0.0	0.0	0.1
183	10/18/2016 11:19	0.0	0.0	0.1
184	10/18/2016 11:20	0.0	0.0	0.1
185	10/18/2016 11:21	0.0	0.0	0.1
186	10/18/2016 11:22	0.0	0.0	0.1
187	10/18/2016 11:23	0.0	0.0	0.1
188	10/18/2016 11:24	0.0	0.0	0.1
189	10/18/2016 11:25	0.0	0.0	0.1
190	10/18/2016 11:26	0.0	0.0	0.1
191	10/18/2016 11:27	0.0	0.0	0.1
192	10/18/2016 11:28	0.0	0.0	0.1
193	10/18/2016 11:29	0.0	0.0	0.1
194	10/18/2016 11:30	0.0	0.0	0.1
195	10/18/2016 11:31	0.0	0.0	0.1
196	10/18/2016 11:32	0.0	0.0	0.1
197	10/18/2016 11:33	0.0	0.0	0.1
198	10/18/2016 11:34	0.0	0.0	0.1
199	10/18/2016 11:35	0.1	0.1	0.1
200	10/18/2016 11:36	0.0	0.0	0.1
201	10/18/2016 11:37	0.0	0.0	0.1
202	10/18/2016 11:38	0.1	0.1	0.1
203	10/18/2016 11:39	0.1	0.1	0.1
204	10/18/2016 11:40	0.1	0.1	0.1
205	10/18/2016 11:41	0.1	0.1	0.1
206	10/18/2016 11:42	0.1	0.1	0.1
207	10/18/2016 11:43	0.1	0.1	0.1
208	10/18/2016 11:44	0.1	0.1	0.1
209	10/18/2016 11:45	0.1	0.1	0.1
210	10/18/2016 11:46	0.1	0.1	0.1
211	10/18/2016 11:47	0.1	0.1	0.2
212	10/18/2016 11:48	0.1	0.1	0.1
213	10/18/2016 11:49	0.1	0.1	0.2
214	10/18/2016 11:50	0.1	0.1	0.2
215	10/18/2016 11:51	0.1	0.1	0.2
216	10/18/2016 11:52	0.1	0.1	0.2
217	10/18/2016 11:53	0.1	0.1	0.2
218	10/18/2016 11:54	0.1	0.1	0.2
219	10/18/2016 11:55	0.1	0.1	0.2
220	10/18/2016 11:56	0.1	0.1	0.2
221	10/18/2016 11:57	0.1	0.1	0.2
222	10/18/2016 11:58	0.1	0.1	0.2
223	10/18/2016 11:59	0.1	0.1	0.2
224	10/18/2016 12:00	0.1	0.1	0.2

		UW_VOCS_101816		
225	10/18/2016 12:01	0.1	0.1	0.2
226	10/18/2016 12:02	0.1	0.1	0.2
227	10/18/2016 12:03	0.1	0.1	0.2
228	10/18/2016 12:04	0.1	0.1	0.2
229	10/18/2016 12:05	0.1	0.1	0.2
230	10/18/2016 12:06	0.1	0.1	0.2
231	10/18/2016 12:07	0.1	0.1	0.2
232	10/18/2016 12:08	0.1	0.1	0.2
233	10/18/2016 12:09	0.1	0.1	0.2
234	10/18/2016 12:10	0.1	0.1	0.2
235	10/18/2016 12:11	0.1	0.1	0.2
236	10/18/2016 12:12	0.1	0.1	0.2
237	10/18/2016 12:13	0.1	0.1	0.2
238	10/18/2016 12:14	0.1	0.1	0.2
239	10/18/2016 12:15	0.1	0.1	0.2
240	10/18/2016 12:16	0.1	0.1	0.2
241	10/18/2016 12:17	0.1	0.1	0.2
242	10/18/2016 12:18	0.1	0.1	0.2
243	10/18/2016 12:19	0.1	0.1	0.2
244	10/18/2016 12:20	0.1	0.1	0.2
245	10/18/2016 12:21	0.1	0.1	0.2
246	10/18/2016 12:22	0.1	0.1	0.2
247	10/18/2016 12:23	0.1	0.1	0.2
248	10/18/2016 12:24	0.1	0.1	0.2
249	10/18/2016 12:25	0.2	0.2	0.2
250	10/18/2016 12:26	0.2	0.2	0.2
251	10/18/2016 12:27	0.2	0.2	0.2
252	10/18/2016 12:28	0.2	0.2	0.2
253	10/18/2016 12:29	0.2	0.2	0.2
254	10/18/2016 12:30	0.2	0.2	0.2
255	10/18/2016 12:31	0.2	0.2	0.2
256	10/18/2016 12:32	0.2	0.2	0.2
257	10/18/2016 12:33	0.2	0.2	0.2
258	10/18/2016 12:34	0.2	0.2	0.2
259	10/18/2016 12:35	0.2	0.2	0.2
260	10/18/2016 12:36	0.2	0.2	0.2
261	10/18/2016 12:37	0.2	0.2	0.2
262	10/18/2016 12:38	0.2	0.2	0.2
263	10/18/2016 12:39	0.2	0.2	0.2
264	10/18/2016 12:40	0.2	0.2	0.2
265	10/18/2016 12:41	0.2	0.2	0.2
266	10/18/2016 12:42	0.2	0.2	0.2
267	10/18/2016 12:43	0.2	0.2	0.3
268	10/18/2016 12:44	0.2	0.2	0.3
269	10/18/2016 12:45	0.2	0.2	0.2
270	10/18/2016 12:46	0.2	0.2	0.3
271	10/18/2016 12:47	0.2	0.2	0.3
272	10/18/2016 12:48	0.2	0.2	0.2

		UW_VOCS_101816		
273	10/18/2016 12:49	0.2	0.2	0.3
274	10/18/2016 12:50	0.2	0.2	0.3
275	10/18/2016 12:51	0.2	0.2	0.3
276	10/18/2016 12:52	0.2	0.2	0.3
277	10/18/2016 12:53	0.2	0.2	0.3
278	10/18/2016 12:54	0.2	0.2	0.3
279	10/18/2016 12:55	0.2	0.2	0.3
280	10/18/2016 12:56	0.2	0.2	0.3
281	10/18/2016 12:57	0.2	0.2	0.3
282	10/18/2016 12:58	0.2	0.2	0.3
283	10/18/2016 12:59	0.2	0.2	0.3
284	10/18/2016 13:00	0.2	0.2	0.3
285	10/18/2016 13:01	0.2	0.2	0.3
286	10/18/2016 13:02	0.2	0.2	0.3
287	10/18/2016 13:03	0.2	0.2	0.3
288	10/18/2016 13:04	0.2	0.2	0.3
289	10/18/2016 13:05	0.2	0.2	0.3
290	10/18/2016 13:06	0.2	0.2	0.3
291	10/18/2016 13:07	0.2	0.2	0.3
292	10/18/2016 13:08	0.2	0.2	0.3
293	10/18/2016 13:09	0.3	0.3	0.3
294	10/18/2016 13:10	0.3	0.3	0.3
295	10/18/2016 13:11	0.2	0.2	0.3
296	10/18/2016 13:12	0.2	0.2	0.3
297	10/18/2016 13:13	0.3	0.3	0.3
298	10/18/2016 13:14	0.2	0.2	0.3
299	10/18/2016 13:15	0.3	0.3	0.3
300	10/18/2016 13:16	0.3	0.3	0.3
301	10/18/2016 13:17	0.3	0.3	0.3
302	10/18/2016 13:18	0.2	0.2	0.3
303	10/18/2016 13:19	0.2	0.2	0.3
304	10/18/2016 13:20	0.3	0.3	0.3
305	10/18/2016 13:21	0.3	0.3	0.3
306	10/18/2016 13:22	0.2	0.2	0.3
307	10/18/2016 13:23	0.3	0.3	0.3
308	10/18/2016 13:24	0.3	0.3	0.3
309	10/18/2016 13:25	0.3	0.3	0.3
310	10/18/2016 13:26	0.3	0.3	0.3
311	10/18/2016 13:27	0.3	0.3	0.3
312	10/18/2016 13:28	0.3	0.3	0.3
313	10/18/2016 13:29	0.3	0.3	0.3
314	10/18/2016 13:30	0.3	0.3	0.3
315	10/18/2016 13:31	0.3	0.3	0.3
316	10/18/2016 13:32	0.3	0.3	0.3
317	10/18/2016 13:33	0.3	0.3	0.3
318	10/18/2016 13:34	0.3	0.3	0.3
319	10/18/2016 13:35	0.3	0.3	0.4
320	10/18/2016 13:36	0.3	0.3	0.4

		UW_VOCS_101816		
321	10/18/2016 13:37	0.3	0.3	0.4
322	10/18/2016 13:38	0.3	0.3	0.4
323	10/18/2016 13:39	0.3	0.3	0.4
324	10/18/2016 13:40	0.3	0.3	0.4
325	10/18/2016 13:41	0.3	0.3	0.4
326	10/18/2016 13:42	0.3	0.3	0.4
327	10/18/2016 13:43	0.3	0.3	0.4
328	10/18/2016 13:44	0.3	0.3	0.4
329	10/18/2016 13:45	0.3	0.3	0.4
330	10/18/2016 13:46	0.3	0.3	0.4
331	10/18/2016 13:47	0.3	0.3	0.4
332	10/18/2016 13:48	0.3	0.3	0.4
333	10/18/2016 13:49	0.3	0.3	0.4
334	10/18/2016 13:50	0.3	0.3	0.4
335	10/18/2016 13:51	0.3	0.3	0.4
336	10/18/2016 13:52	0.3	0.3	0.4
337	10/18/2016 13:53	0.3	0.3	0.4
338	10/18/2016 13:54	0.3	0.3	0.4
339	10/18/2016 13:55	0.3	0.3	0.4
340	10/18/2016 13:56	0.3	0.3	0.4
341	10/18/2016 13:57	0.3	0.3	0.4
342	10/18/2016 13:58	0.3	0.3	0.4
343	10/18/2016 13:59	0.3	0.3	0.4
344	10/18/2016 14:00	0.3	0.3	0.4
345	10/18/2016 14:01	0.4	0.4	0.4
346	10/18/2016 14:02	0.4	0.4	0.4
347	10/18/2016 14:03	0.4	0.4	0.4
348	10/18/2016 14:04	0.4	0.4	0.4
349	10/18/2016 14:05	0.4	0.4	0.4
350	10/18/2016 14:06	0.4	0.4	0.4
351	10/18/2016 14:07	0.4	0.4	0.4
352	10/18/2016 14:08	0.4	0.4	0.4
353	10/18/2016 14:09	0.4	0.4	0.4
354	10/18/2016 14:10	0.4	0.4	0.4
355	10/18/2016 14:11	0.4	0.4	0.4
356	10/18/2016 14:12	0.4	0.4	0.4
357	10/18/2016 14:13	0.4	0.4	0.4
358	10/18/2016 14:14	0.4	0.4	0.4
359	10/18/2016 14:15	0.4	0.4	0.4
360	10/18/2016 14:16	0.4	0.4	0.4
361	10/18/2016 14:17	0.4	0.4	0.4
362	10/18/2016 14:18	0.4	0.4	0.4
363	10/18/2016 14:19	0.4	0.4	0.4
364	10/18/2016 14:20	0.4	0.4	0.4
365	10/18/2016 14:21	0.4	0.4	0.4
366	10/18/2016 14:22	0.4	0.4	0.4
367	10/18/2016 14:23	0.4	0.4	0.4
368	10/18/2016 14:24	0.4	0.4	0.4

		UW_VOCS_101816		
369	10/18/2016 14:25	0.4	0.4	0.4
370	10/18/2016 14:26	0.4	0.4	0.4
371	10/18/2016 14:27	0.4	0.4	0.4
372	10/18/2016 14:28	0.4	0.4	0.4
373	10/18/2016 14:29	0.4	0.4	0.4
374	10/18/2016 14:30	0.4	0.4	0.4
375	10/18/2016 14:31	0.4	0.4	0.4
376	10/18/2016 14:32	0.4	0.4	0.4
377	10/18/2016 14:33	0.4	0.4	0.4
378	10/18/2016 14:34	0.4	0.4	0.4
379	10/18/2016 14:35	0.4	0.4	0.4
380	10/18/2016 14:36	0.4	0.4	0.4
381	10/18/2016 14:37	0.4	0.4	0.4
382	10/18/2016 14:38	0.4	0.4	0.4
383	10/18/2016 14:39	0.4	0.4	0.4
384	10/18/2016 14:40	0.4	0.4	0.4
385	10/18/2016 14:41	0.4	0.4	0.4
386	10/18/2016 14:42	0.4	0.4	0.4
387	10/18/2016 14:43	0.4	0.4	0.4
388	10/18/2016 14:44	0.4	0.4	0.4
389	10/18/2016 14:45	0.4	0.4	0.4
390	10/18/2016 14:46	0.4	0.4	0.4
391	10/18/2016 14:47	0.4	0.4	0.4
392	10/18/2016 14:48	0.4	0.4	0.4
393	10/18/2016 14:49	0.4	0.4	0.4
394	10/18/2016 14:50	0.4	0.4	0.4
395	10/18/2016 14:51	0.3	0.3	0.4
396	10/18/2016 14:52	0.4	0.4	0.4
397	10/18/2016 14:53	0.4	0.4	0.4
398	10/18/2016 14:54	0.3	0.3	0.4
399	10/18/2016 14:55	0.3	0.3	0.4
400	10/18/2016 14:56	0.3	0.3	0.4
401	10/18/2016 14:57	0.3	0.3	0.4
402	10/18/2016 14:58	0.3	0.3	0.4
403	10/18/2016 14:59	0.3	0.3	0.4
404	10/18/2016 15:00	0.3	0.3	0.4
405	10/18/2016 15:01	0.3	0.3	0.4
406	10/18/2016 15:02	0.4	0.4	0.4
407	10/18/2016 15:03	0.3	0.3	0.4
408	10/18/2016 15:04	0.3	0.3	0.4
409	10/18/2016 15:05	0.3	0.3	0.4
410	10/18/2016 15:06	0.3	0.3	0.4
411	10/18/2016 15:07	0.3	0.3	0.4
412	10/18/2016 15:08	0.3	0.3	0.4
413	10/18/2016 15:09	0.3	0.3	0.4
414	10/18/2016 15:10	0.3	0.3	0.4
415	10/18/2016 15:11	0.4	0.4	0.4
416	10/18/2016 15:12	0.4	0.4	0.4

		UW_VOCS_101816		
417	10/18/2016 15:13	0.4	0.4	0.4
418	10/18/2016 15:14	0.4	0.4	0.4
419	10/18/2016 15:15	0.4	0.4	0.4
420	10/18/2016 15:16	0.4	0.4	0.4
421	10/18/2016 15:17	0.3	0.3	0.4
422	10/18/2016 15:18	0.3	0.3	0.4
423	10/18/2016 15:19	0.4	0.4	0.4
424	10/18/2016 15:20	0.3	0.3	0.4
425	10/18/2016 15:21	0.3	0.3	0.4
426	10/18/2016 15:22	0.3	0.3	0.4
427	10/18/2016 15:23	0.3	0.3	0.4
428	10/18/2016 15:24	0.3	0.3	0.4
429	10/18/2016 15:25	0.3	0.3	0.4
430	10/18/2016 15:26	0.3	0.3	0.4
431	10/18/2016 15:27	0.3	0.3	0.4
432	10/18/2016 15:28	0.3	0.3	0.4
433	10/18/2016 15:29	0.3	0.3	0.4
434	10/18/2016 15:30	0.3	0.3	0.3
435	10/18/2016 15:31	0.3	0.3	0.3
436	10/18/2016 15:32	0.3	0.3	0.3
437	10/18/2016 15:33	0.3	0.3	0.3
438	10/18/2016 15:34	0.3	0.3	0.3
439	10/18/2016 15:35	0.3	0.3	0.3
440	10/18/2016 15:36	0.3	0.3	0.3
441	10/18/2016 15:37	0.3	0.3	0.3
442	10/18/2016 15:38	0.3	0.3	0.3
443	10/18/2016 15:39	0.3	0.3	0.3
444	10/18/2016 15:40	0.3	0.3	0.3
445	10/18/2016 15:41	0.3	0.3	0.3
446	10/18/2016 15:42	0.3	0.3	0.5
447	10/18/2016 15:43	0.2	0.2	0.3
448	10/18/2016 15:44	0.3	0.3	0.3
449	10/18/2016 15:45	0.2	0.2	0.3
450	10/18/2016 15:46	0.2	0.2	0.3
451	10/18/2016 15:47	0.2	0.2	0.3
452	10/18/2016 15:48	0.2	0.2	0.3
453	10/18/2016 15:49	0.2	0.2	0.3
454	10/18/2016 15:50	0.2	0.2	0.3
455	10/18/2016 15:51	0.2	0.2	0.3
456	10/18/2016 15:52	0.2	0.2	0.3
457	10/18/2016 15:53	0.2	0.2	0.3
458	10/18/2016 15:54	0.2	0.2	0.3
459	10/18/2016 15:55	0.2	0.2	0.3
460	10/18/2016 15:56	0.2	0.2	0.2
461	10/18/2016 15:57	0.2	0.2	0.3
462	10/18/2016 15:58	0.2	0.2	0.3
463	10/18/2016 15:59	0.2	0.2	0.2
464	10/18/2016 16:00	0.2	0.2	0.2

			UW_VOCS_101816		
465	10/18/2016	16:01	0.2	0.2	0.2
466	10/18/2016	16:02	0.2	0.2	0.2
467	10/18/2016	16:03	0.2	0.2	0.2
468	10/18/2016	16:04	0.2	0.2	0.3
469	10/18/2016	16:05	0.2	0.2	0.2
470	10/18/2016	16:06	0.2	0.2	0.2
471	10/18/2016	16:07	0.2	0.2	0.2
472	10/18/2016	16:08	0.2	0.2	0.2
473	10/18/2016	16:09	0.2	0.2	0.2
474	10/18/2016	16:10	0.2	0.2	0.2
475	10/18/2016	16:11	0.2	0.2	0.2
476	10/18/2016	16:12	0.2	0.2	0.2
477	10/18/2016	16:13	0.2	0.2	0.2
478	10/18/2016	16:14	0.2	0.2	0.2
479	10/18/2016	16:15	0.2	0.2	0.2
480	10/18/2016	16:16	0.2	0.2	0.2
481	10/18/2016	16:17	0.1	0.1	0.2
482	10/18/2016	16:18	0.1	0.1	0.2
483	10/18/2016	16:19	0.2	0.2	0.2
484	10/18/2016	16:20	0.1	0.1	0.2
485	10/18/2016	16:21	0.2	0.2	0.2
486	10/18/2016	16:22	0.1	0.1	0.2
487	10/18/2016	16:23	0.1	0.1	0.2
488	10/18/2016	16:24	0.1	0.1	0.2
489	10/18/2016	16:25	0.1	0.1	0.2
490	10/18/2016	16:26	0.1	0.1	0.2
491	10/18/2016	16:27	0.1	0.1	0.2
492	10/18/2016	16:28	0.1	0.1	0.2
493	10/18/2016	16:29	0.1	0.1	0.2
494	10/18/2016	16:30	0.1	0.1	0.2
495	10/18/2016	16:31	0.1	0.1	0.2
496	10/18/2016	16:32	0.1	0.1	0.2
497	10/18/2016	16:33	0.1	0.1	0.2
498	10/18/2016	16:34	0.1	0.1	0.1
499	10/18/2016	16:35	0.1	0.1	0.2
500	10/18/2016	16:36	0.1	0.1	0.2
501	10/18/2016	16:37	0.1	0.1	0.1
502	10/18/2016	16:38	0.1	0.1	0.1
503	10/18/2016	16:39	0.1	0.1	0.2
504	10/18/2016	16:40	0.1	0.1	0.1
505	10/18/2016	16:41	0.1	0.1	0.1
506	10/18/2016	16:42	0.1	0.1	0.1
507	10/18/2016	16:43	0.1	0.1	0.1
508	10/18/2016	16:44	0.1	0.1	0.1
509	10/18/2016	16:45	0.1	0.1	0.1
510	10/18/2016	16:46	0.1	0.1	0.1
511	10/18/2016	16:47	0.1	0.1	0.1
512	10/18/2016	16:48	0.1	0.1	0.1

		UW_VOCS_101816		
513	10/18/2016 16:49	0.1	0.1	0.1
514	10/18/2016 16:50	0.1	0.1	0.1

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A horizontal orange line spans the width of the page. Two diagonal orange lines intersect this horizontal line, extending from the bottom left towards the top right.