

Community Air Monitoring Plan (CAMP) Summary Report Transmittal

NYSEG -Goshen (Main Street) Former MGP Site - Goshen, New York
Site #3-36-046

CAMP Summary Report for week of: August 29, 2016

Submitted via Email To: Sarah Saucier, NYSDEC
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cc: Tracy Blazicek, NYSEG PM
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Submittal Date: 8/29/2016

From: Derek Matuszewski, Arcadis

The CAMP data recorded for the week of August 29, 2016 is presented on the tabs contained within this spreadsheet. The tab labeled "Summary" presents the overview from the data recorded from the three (3) VOC and Particulate stations.

NYSEG - GOSHEN (MAIN STREET) FORMER MGP SITE

Community Air Monitoring Plan (CAMP) - Summary Report

Monday, August 29, 2016

	UW Station		DW Station 1		DW Station 2	
Date/ Approximate Time Period	Average ^{1,2} VOCs (ppm)	Average ^{1,3} Particulate (µg/m ³)	Average ^{1,2} VOCs (ppm)	Average ^{1,3} Particulate (µg/m ³)	Average ^{1,2} VOCs (ppm)	Average ^{1,3} Particulate (µg/m ³)
9:30		35		26		28
9:45	0.038	24	0.000	26		24
10:00	0.000	20	0.000	19		20
10:15	0.000	20	0.000	27		20
10:30	0.000	19	0.011	18		19
10:45	0.000	19	0.076	23		18
11:00	0.000	18	0.133	19		16
11:15	0.000	15	0.181	15		14
11:30	0.000	14	0.198	20		13
11:45	0.007	13	0.203	15		12
12:00	0.071	9	0.192	14		10
12:15	0.125	8	0.176	12		9
12:30	0.020	8	0.162	11		11
12:45	0.045	7	0.105	11		7
13:00	0.060	7	0.187	12		7
13:15	0.065	7	0.226	12		7
13:30	0.073	9	0.224	12		7
13:45	0.078	16	0.192	10		7
14:00	0.079	7	0.180	11		7
14:15	0.105	11	0.156	11		8
14:30	0.095	8	0.151	12		8
14:45	0.072	23	0.229	15		9
15:00	0.199	13	0.199	12		8
15:15	0.088	13	0.148	12		8
15:30	0.910	7	0.114	11		8
15:45	0.320	8	0.102	18		8
16:00	0.199	8	0.086	11		8
16:15	0.171		0.094	15		8
16:30	0.141		0.064	12		
16:45			0.229			
17:00			0.064			
17:15			0.154			

Notes:

1. PID at Station 2 failed to download data.

General notes, acronyms, and abbreviations can be found on Page 6 of this summary.

NYSEG - GOSHEN (MAIN STREET) FORMER MGP SITE

Community Air Monitoring Plan (CAMP) - Summary Report

Tuesday, August 30, 2016

	UW Station		DW Station 1		DW Station 2	
Date/ Approximate Time Period	Average ^{1,2} VOCs (ppm)	Average ^{1,3} Particulate (µg/m ³)	Average ^{1,2} VOCs (ppm)	Average ^{1,3} Particulate (µg/m ³)	Average ^{1,2} VOCs (ppm)	Average ^{1,3} Particulate (µg/m ³)
7:00		13	0.000	13	0.018	15
7:15	0.000	15	0.000	13	0.108	15
7:30	0.000	14	0.000	12	0.155	15
7:45	0.000	15	0.000	12	0.174	15
8:00	0.000	15	0.005	12	0.186	14
8:15	0.000	13	0.021	10	0.185	12
8:30	0.000	12	0.034	9	0.187	10
8:45	0.000	11	0.064	11	0.189	10
9:00	0.000	11	0.083	9	0.190	10
9:15	0.000	11	0.107	10	0.187	13
9:30	0.000	15	0.105	8	0.181	10
9:45	0.000	11	0.137	10	0.174	23
10:00	0.011	12	0.171	9	0.179	21
10:15	0.025	11	0.179	9	0.182	13
10:30	0.048	10	0.155	9	0.182	16
10:45	0.076	9	0.130	8	0.177	12
11:00	0.102	9	0.109	8	0.170	12
11:15	0.129	8	0.107	7	0.167	14
11:30	0.164	8	0.103	7	0.161	13
11:45	0.193	8	0.105	7	0.189	13
12:00	0.230	8	0.101	8	0.267	13
12:15	0.239	9	0.102	8	0.321	14
12:30	0.237	8	0.100	8	0.268	13
12:45	0.237	9	0.097	9	0.200	12
13:00	0.238	10	0.097	10	0.151	18
13:15	0.235	9	0.093	9	0.104	12
13:30	0.195	9	0.088	8	0.055	16
13:45	0.135	8	0.097	7	0.036	19
14:00	0.146	7	0.098	7	0.024	12
14:15	0.186	8	0.096	7	0.008	15
14:30	0.194	7	0.095	8	0.000	15
14:45	0.191	8	0.087	8	0.000	13
15:00	0.177	9	0.082	9	0.000	12
15:15	0.159	8	0.081	8	0.000	27
15:30	0.157	8	0.081	8	0.000	15
15:45	0.166	7	0.078	7	0.000	10
16:00	0.154	6	0.080	6	0.000	11
16:15	0.144	7	0.075	7	0.000	19
16:30	0.139	7	0.072	7	0.000	28
16:45	0.121	7	0.068	7	0.000	17
17:00	0.097	7	0.064	7	0.000	21
17:15	0.086	7	0.066	7	0.000	11
17:30	0.074	7	0.066	7	0.000	11
17:45	0.064	7	0.059	7	0.000	9
18:00	0.051					

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NYSEG - GOSHEN (MAIN STREET) FORMER MGP SITE

Community Air Monitoring Plan (CAMP) - Summary Report

Wednesday August 31, 2016

	UW Station		DW Station 1		DW Station 2	
Date/ Approximate Time Period	Average ^{1,2} VOCs (ppm)	Average ^{1,3} Particulate (µg/m ³)	Average ^{1,2} VOCs (ppm)	Average ^{1,3} Particulate (µg/m ³)	Average ^{1,2} VOCs (ppm)	Average ^{1,3} Particulate (µg/m ³)
6:45	0.000	38	0.017	37	0.000	40
7:00	0.000	40	0.000	39	0.000	39
7:15	0.000	42	0.000	43	0.000	41
7:30	0.000	47	0.000	44	0.000	45
7:45	0.000	47	0.000	47	0.000	47
8:00	0.000	46	0.000	45	0.000	49
8:15	0.000	49	0.000	45	0.005	49
8:30	0.000	57	0.000	61	0.004	57
8:45	0.000	56	0.000	58	0.027	67
9:00	0.000	53	0.000	54	0.021	62
9:15	0.000	54	0.007	55	0.017	59
9:30	0.000	50	0.019	52	0.011	59
9:45	0.000	48	0.032	50	0.016	58
10:00	0.000	44	0.043	44	0.005	52
10:15	0.000	42	0.052	43	0.010	50
10:30	0.000	40	0.059	39	0.005	67
10:45	0.000	34	0.068	33	0.004	42
11:00	0.000	33	0.073	33	0.001	38
11:15	0.000	31	0.080	31	0.003	35
11:30	0.000	30	0.086	30	0.003	34
11:45	0.000	28	0.090	28	0.001	33
12:00	0.000	26	0.098	26	0.004	35
12:15	0.000	26	0.107	26	0.010	30
12:30	0.001	25	0.116	25	0.010	29
12:45	0.004	25	0.111	25	0.010	29
13:00	0.009	25	0.104	25	0.007	29
13:15	0.008	23	0.095	24	0.002	28
13:30	0.016	23	0.097	24	0.003	27
13:45	0.003	23	0.093	24	0.002	26
14:00	0.019	21	0.094	23	0.004	27
14:15	0.036	20	0.099	22	0.008	25
14:30	0.055	19	0.100	20	0.010	24
14:45	0.088	18	0.108	18	0.015	23
15:00	0.116	17	0.127	18	0.026	21
15:15	0.129	16	0.130	18	0.039	22
15:30	0.127	17	0.129	18	0.041	21
15:45	0.104	17	0.116	18	0.029	20
16:00	0.076	18	0.110	19	0.024	20
16:15	0.054	18	0.104	20	0.021	21
16:30	0.039	20	0.099	21	0.016	23
16:45	0.033	20	0.087	22	0.017	23
17:00	0.018	20	0.084	22	0.018	23
17:15	0.006	22	0.08	22	0.013	23
17:30	0.001		0.077		0.012	23

General notes, acronyms, and abbreviations can be found on Page 6 of this summary.

NYSEG - GOSHEN (MAIN STREET) FORMER MGP SITE

Community Air Monitoring Plan (CAMP) - Summary Report

Thursday September 1, 2016

	UW Station		DW Station 1		DW Station 2	
Date/ Approximate Time Period	Average ^{1,2} VOCs (ppm)	Average ^{1,3} Particulate (µg/m ³)	Average ^{1,2} VOCs (ppm)	Average ^{1,3} Particulate (µg/m ³)	Average ^{1,2} VOCs (ppm)	Average ^{1,3} Particulate (µg/m ³)
6:45	0.000	39	0.000	39	0.000	41
7:00	0.000	40	0.000	40	0.000	41
7:15	0.000	40	0.000	40	0.000	42
7:30	0.000	38	0.000	39	0.007	42
7:45	0.000	37	0.000	38	0.016	40
8:00	0.000	37	0.000	38	0.020	39
8:15	0.000	36	0.000	37	0.021	40
8:30	0.000	36	0.000	38	0.033	41
8:45	0.000	35	0.000	37	0.043	39
9:00	0.000	35	0.000	36	0.047	39
9:15	0.000	36	0.000	38	0.054	41
9:30	0.000	36	0.000	37	0.049	40
9:45	0.000	34	0.000	36	0.053	38
10:00	0.000	33	0.000	35	0.056	37
10:15	0.000	31	0.000	33	0.067	36
10:30	0.000	30	0.000	32	0.070	35
10:45	0.000	40	0.000	32	0.073	35
11:00	0.000	30	0.000	29	0.068	34
11:15	0.000	29	0.000	29	0.065	32
11:30	0.000	26	0.000	29	0.056	32
11:45	0.000	26	0.000	29	0.050	31
12:00	0.000	33	0.000	28	0.038	32
12:15	0.000	31	0.000	30	0.040	31
12:30	0.000	26	0.013	27	0.043	32
12:45	0.001	24	0.028		0.040	30
13:00	0.022	21	0.070		0.036	26
13:15	0.061	19	0.097		0.040	23
13:30	0.094		0.080		0.041	22

General notes, acronyms, and abbreviations can be found on Page 6 of this summary.

NYSEG - GOSHEN (MAIN STREET) FORMER MGP SITE

Community Air Monitoring Plan (CAMP) - Summary Report

Friday, September 02, 2016

	UW Station		DW Station 1		DW Station 2	
Date/ Approximate Time Period	Average ^{1,2} VOCs (ppm)	Average ^{1,3} Particulate (µg/m ³)	Average ^{1,2} VOCs (ppm)	Average ^{1,3} Particulate (µg/m ³)	Average ^{1,2} VOCs (ppm)	Average ^{1,3} Particulate (µg/m ³)
7:00						
7:15						
7:30						
7:45						
8:00						
8:15						
8:30						
8:45						
9:00						
9:15						
9:30						
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14:45						
15:00						
15:15						
15:30						
15:45						
16:00						
16:15						
16:30						
16:45						
17:00						
17:15						
17:30						

NO INTRUSIVE SITE WORK CONDUCTED THIS DAY

Action Levels	
VOCs	5.0 ppm (Above Up-Gradient Levels)
Particulate	150 µg/m ³ (Above Up-Gradient Levels)

Acronyms and Abbreviations:

DW - downwind
PID - photoionization detector
ppm - parts per million
UW - upwind
µg/m³ - micrograms per cubic meter
- Exceedance

General Notes:

1. All values shown are 15-minute Time Weighted Averages (TWA) for the period ending at the approximate time indicated.
2. VOC measurements were obtained using MiniRAE 2000 PID.
3. Particulate measurements were obtained using DustTrak™ II 8530 particle sizing aerosol monitors. All particulate concentrations listed are for particulate matter less than 10 micrometers in size (PM-10).

Upwind - Particulates

TrakPro Version 4.70 ASCII Data File

Model: DustTrak II
Model Number: 8530
Serial Number: 8530133701
Test ID: 13
Test Abbreviation: MANUAL_013
Start Date: 8/29/2016
Start Time: 9:17:58
Duration (dd:hh:mm:ss): 0:02:30:00
Log Interval (mm:ss): 15:00:00
Number of points: 0:00
Notes:

Statistics Channel: AEROSOL
Units: mg/m³
Average: 0.02
Minimum: 0.013
Time of Minimum: 11:47:58
Date of Minimum: 8/29/2016
Maximum: 1/0/1900
Time of Maximum: 9:32:58
Date of Maximum: 8/29/2016

Calibration Sensor: AEROSOL
Cal. date 9/14/2015

Date MM/dd/yyyy	Time hh:mm:ss	AEROSOL µg/m3
8/29/2016	9:32:58	35
8/29/2016	9:47:58	24
8/29/2016	10:02:58	20
8/29/2016	10:17:58	20
8/29/2016	10:32:58	19
8/29/2016	10:47:58	19
8/29/2016	11:02:58	18
8/29/2016	11:17:58	15
8/29/2016	11:32:58	14
8/29/2016	11:47:58	13
8/29/2016	12:40:26	9
8/29/2016	12:55:26	8
8/29/2016	13:10:26	8
8/29/2016	1:25:26 PM	7
8/29/2016	1:40:26 PM	7
8/29/2016	1:55:26 PM	7
8/29/2016	2:10:26 PM	9
8/29/2016	2:25:26 PM	16
8/29/2016	14:40:26	7
8/29/2016	14:55:26	11
8/29/2016	15:10:26	8
8/29/2016	15:25:26	23
8/29/2016	15:40:26	13
8/29/2016	15:55:26	13
8/29/2016	16:10:26	7
8/29/2016	16:25:26	8
8/29/2016	16:40:26	8

Upwind - Particulates

TrakPro Version 4.70 ASCII Data File

Model: DustTrak II
 Model Number: 0:00:00
 Serial Number: 8530133701
 Test ID: 0:00:00
 Test Abbreviation: MANUAL_015
 Start Date: 8/30/2016
 Start Time: 6:42:41
 Duration (dd:hh:mm:ss): 0:11:00:00
 Log Interval (mm:ss): 15:00:00
 Number of points: 0:00:00
 Notes:

Statistics Channel: AEROSOL
 Units: mg/m^3
 Average: 0.009
 Minimum: 0.006
 Time of Minimum: 15:57:41
 Date of Minimum: 8/30/2016
 Maximum: 0.015
 Time of Maximum: 7:12:41
 Date of Maximum: 8/30/2016

Calibration Sensor: AEROSOL
 Cal. date 9/14/2015

Date MM/dd/yyyy	Time hh:mm:ss	AEROSOL µg/m3
8/30/2016	6:57:41	13
8/30/2016	7:12:41	15
8/30/2016	7:27:41	14
8/30/2016	7:42:41	15
8/30/2016	7:57:41	15
8/30/2016	8:12:41	13
8/30/2016	8:27:41	12
8/30/2016	8:42:41	11
8/30/2016	8:57:41	11
8/30/2016	9:12:41	11
8/30/2016	9:27:41	15
8/30/2016	9:42:41	11
8/30/2016	9:57:41	12
8/30/2016	10:12:41	11
8/30/2016	10:27:41	10
8/30/2016	10:42:41	9
8/30/2016	10:57:41	9
8/30/2016	11:12:41	8
8/30/2016	11:27:41	8
8/30/2016	11:42:41	8
8/30/2016	11:57:41	8
8/30/2016	12:12:41	9
8/30/2016	12:27:41	8
8/30/2016	12:42:41	9
8/30/2016	12:57:41	10
8/30/2016	13:12:41	9
8/30/2016	13:27:41	9
8/30/2016	13:42:41	8
8/30/2016	13:57:41	7
8/30/2016	14:12:41	8
8/30/2016	14:27:41	7
8/30/2016	14:42:41	8
8/30/2016	14:57:41	9
8/30/2016	15:12:41	8
8/30/2016	15:27:41	8
8/30/2016	15:42:41	7
8/30/2016	15:57:41	6
8/30/2016	16:12:41	7
8/30/2016	16:27:41	7
8/30/2016	16:42:41	7
8/30/2016	16:57:41	7
8/30/2016	17:12:41	7
8/30/2016	17:27:41	7
8/30/2016	17:42:41	7

Upwind - Particulates

TrakPro Version 4.70 ASCII Data File

Model: DustTrak II
 Model Number: 0:00:00
 Serial Number: 8530133701
 Test ID: 0:00:00
 Test Abbreviation: MANUAL_016
 Start Date: 8/31/2016
 Start Time: 6:31:50
 Duration (dd:hh:mm:ss): 0:10:45:00
 Log Interval (mm:ss): 15:00:00
 Number of points: 0:00:00
 Notes:

Statistics Channel: AEROSOL
 Units: mg/m^3
 Average: 0.032
 Minimum: 0.016
 Time of Minimum: 15:16:50
 Date of Minimum: 8/31/2016
 Maximum: 0.057
 Time of Maximum: 8:31:50
 Date of Maximum: 8/31/2016

Calibration Sensor: AEROSOL
 Cal. date 9/14/2015

Date MM/dd/yyyy	Time hh:mm:ss	AEROSOL µg/m3
8/31/2016	6:46:50	38
8/31/2016	7:01:50	40
8/31/2016	7:16:50	42
8/31/2016	7:31:50	47
8/31/2016	7:46:50	47
8/31/2016	8:01:50	46
8/31/2016	8:16:50	49
8/31/2016	8:31:50	57
8/31/2016	8:46:50	56
8/31/2016	9:01:50	53
8/31/2016	9:16:50	54
8/31/2016	9:31:50	50
8/31/2016	9:46:50	48
8/31/2016	10:01:50	44
8/31/2016	10:16:50	42
8/31/2016	10:31:50	40
8/31/2016	10:46:50	34
8/31/2016	11:01:50	33
8/31/2016	11:16:50	31
8/31/2016	11:31:50	30
8/31/2016	11:46:50	28
8/31/2016	12:01:50	26
8/31/2016	12:16:50	26
8/31/2016	12:31:50	25
8/31/2016	12:46:50	25
8/31/2016	13:01:50	25
8/31/2016	13:16:50	23
8/31/2016	13:31:50	23
8/31/2016	13:46:50	23
8/31/2016	14:01:50	21
8/31/2016	14:16:50	20
8/31/2016	14:31:50	19
8/31/2016	14:46:50	18
8/31/2016	15:01:50	17
8/31/2016	15:16:50	16
8/31/2016	15:31:50	17
8/31/2016	15:46:50	17
8/31/2016	16:01:50	18
8/31/2016	16:16:50	18
8/31/2016	16:31:50	20
8/31/2016	16:46:50	20
8/31/2016	17:01:50	20
8/31/2016	17:16:50	22

Upwind - Particulates

TrakPro Version 4.70 ASCII Data File

Model: DustTrak II
 Model Number: 0:00:00
 Serial Number: 8530133701
 Test ID: 0:00:00
 Test Abbreviation: MANUAL_017
 Start Date: 9/1/2016
 Start Time: 6:27:30
 Duration (dd:hh:mm:ss): 0:06:45:00
 Log Interval (mm:ss): 15:00:00
 Number of points: 0:00:00
 Notes:

Statistics Channel: AEROSOL
 Units: mg/m^3
 Average: 0.033
 Minimum: 0.019
 Time of Minimum: 13:12:30
 Date of Minimum: 9/1/2016
 Maximum: 0.04
 Time of Maximum: 6:57:30
 Date of Maximum: 9/1/2016

Calibration Sensor: AEROSOL
 Cal. date 9/14/2015

Date	Time	AEROSOL
MM/dd/yyyy	hh:mm:ss	µg/m3
9/1/2016	6:42:30	39
9/1/2016	6:57:30	40
9/1/2016	7:12:30	40
9/1/2016	7:27:30	38
9/1/2016	7:42:30	37
9/1/2016	7:57:30	37
9/1/2016	8:12:30	36
9/1/2016	8:27:30	36
9/1/2016	8:42:30	35
9/1/2016	8:57:30	35
9/1/2016	9:12:30	36
9/1/2016	9:27:30	36
9/1/2016	9:42:30	34
9/1/2016	9:57:30	33
9/1/2016	10:12:30	31
9/1/2016	10:27:30	30
9/1/2016	10:42:30	40
9/1/2016	10:57:30	30
9/1/2016	11:12:30	29
9/1/2016	11:27:30	26
9/1/2016	11:42:30	26
9/1/2016	11:57:30	33
9/1/2016	12:12:30	31
9/1/2016	12:27:30	26
9/1/2016	12:42:30	24
9/1/2016	12:57:30	21
9/1/2016	13:12:30	19

Downwind Station 1 - Particulates

TrakPro Version 4.70 ASCII Data File

Model: DustTrak II
Model Number: 8530
Serial Number: 8530162021
Test ID: 13
Test Abbreviation: MANUAL_013
Start Date: 8/29/2016
Start Time: 9:22:04
Duration (dd:hh:mm:ss): 0:03:00:00
Log Interval (mm:ss): 15:00
Number of points: 12
Notes:

Statistics Channel: AEROSOL
Units: mg/m^3
Average: 0.019
Minimum: 0:17:17
Time of Minimum: 12:22:04
Date of Minimum: 8/29/2016
Maximum: 0:38:53
Time of Maximum: 10:22:04
Date of Maximum: 8/29/2016

Calibration Sensor: AEROSOL
Cal. date 5/23/2016

Date MM/dd/yyyy	Time hh:mm:ss	AEROSOL µg/m3
8/29/2016	9:37:04	26
8/29/2016	9:52:04	26
8/29/2016	10:07:04	19
8/29/2016	10:22:04	27
8/29/2016	10:37:04	18
8/29/2016	10:52:04	23
8/29/2016	11:07:04	19
8/29/2016	11:22:04	15
8/29/2016	11:37:04	20
8/29/2016	11:52:04	15
8/29/2016	12:07:04	14
8/29/2016	12:22:04	12
8/29/2016	12:46:03	11
8/29/2016	13:01:03	11
8/29/2016	13:16:03	12
8/29/2016	13:31:03	12
8/29/2016	13:46:03	12
8/29/2016	14:01:03	10
8/29/2016	14:16:03	11
8/29/2016	14:31:03	11
8/29/2016	14:46:03	12
8/29/2016	15:01:03	15
8/29/2016	15:16:03	12
8/29/2016	15:31:03	12
8/29/2016	15:46:03	11
8/29/2016	16:01:03	18
8/29/2016	16:16:03	11
8/29/2016	16:31:03	15
8/29/2016	16:46:03	12

Downwind Station 1 - Particulates

TrakPro Version 4.70 ASCII Data File

Model: DustTrak II
 Model Number: 8530
 Serial Number: 8530162021
 Test ID: 0:00:00
 Test Abbreviation: MANUAL_015
 Start Date: 8/30/2016
 Start Time: 6:45:14
 Duration (dd:hh:mm:ss): 0:11:00:00
 Log Interval (mm:ss): 15:00:00
 Number of points: 0:00:00
 Notes:

Statistics Channel: AEROSOL
 Units: mg/m^3
 Average: 1/0/1900
 Minimum: 0.006
 Time of Minimum: 16:00:14
 Date of Minimum: 8/30/2016
 Maximum: 0.013
 Time of Maximum: 7:00:14
 Date of Maximum: 8/30/2016

Calibration Sensor: AEROSOL
 Cal. date 5/23/2016

Date MM/dd/yyyy	Time hh:mm:ss	AEROSOL µg/m3
8/30/2016	7:00:14	13
8/30/2016	7:15:14	13
8/30/2016	7:30:14	12
8/30/2016	7:45:14	12
8/30/2016	8:00:14	12
8/30/2016	8:15:14	10
8/30/2016	8:30:14	9
8/30/2016	8:45:14	11
8/30/2016	9:00:14	9
8/30/2016	9:15:14	10
8/30/2016	9:30:14	8
8/30/2016	9:45:14	10
8/30/2016	10:00:14	9
8/30/2016	10:15:14	9
8/30/2016	10:30:14	9
8/30/2016	10:45:14	8
8/30/2016	11:00:14	8
8/30/2016	11:15:14	7
8/30/2016	11:30:14	7
8/30/2016	11:45:14	7
8/30/2016	12:00:14	8
8/30/2016	12:15:14	8
8/30/2016	12:30:14	8
8/30/2016	12:45:14	9
8/30/2016	13:00:14	10
8/30/2016	13:15:14	9
8/30/2016	13:30:14	8
8/30/2016	13:45:14	7
8/30/2016	14:00:14	7
8/30/2016	14:15:14	7
8/30/2016	14:30:14	8
8/30/2016	14:45:14	8
8/30/2016	15:00:14	9
8/30/2016	15:15:14	8
8/30/2016	15:30:14	8
8/30/2016	15:45:14	7
8/30/2016	16:00:14	6
8/30/2016	16:15:14	7
8/30/2016	16:30:14	7
8/30/2016	16:45:14	7
8/30/2016	17:00:14	7
8/30/2016	17:15:14	7
8/30/2016	17:30:14	7
8/30/2016	17:45:14	7

Downwind Station 1 - Particulates

TrakPro Version 4.70 ASCII Data File

Model: DustTrak II
 Model Number: 0:00:00
 Serial Number: 8530162021
 Test ID: 0:00:00
 Test Abbreviation: MANUAL_016
 Start Date: 8/31/2016
 Start Time: 6:34:56
 Duration (dd:hh:mm:ss): 0:10:45:00
 Log Interval (mm:ss): 15:00:00
 Number of points: 0:00:00
 Notes:

Statistics Channel: AEROSOL
 Units: mg/m^3
 Average: 1/0/1900
 Minimum: 0.018
 Time of Minimum: 14:49:56
 Date of Minimum: 8/31/2016
 Maximum: 0.061
 Time of Maximum: 8:34:56
 Date of Maximum: 8/31/2016

Calibration Sensor: AEROSOL
 Cal. date 5/23/2016

Date	Time	AEROSOL
MM/dd/yyyy	hh:mm:ss	µg/m3
8/31/2016	6:49:56	37
8/31/2016	7:04:56	39
8/31/2016	7:19:56	43
8/31/2016	7:34:56	44
8/31/2016	7:49:56	47
8/31/2016	8:04:56	45
8/31/2016	8:19:56	45
8/31/2016	8:34:56	61
8/31/2016	8:49:56	58
8/31/2016	9:04:56	54
8/31/2016	9:19:56	55
8/31/2016	9:34:56	52
8/31/2016	9:49:56	50
8/31/2016	10:04:56	44
8/31/2016	10:19:56	43
8/31/2016	10:34:56	39
8/31/2016	10:49:56	33
8/31/2016	11:04:56	33
8/31/2016	11:19:56	31
8/31/2016	11:34:56	30
8/31/2016	11:49:56	28
8/31/2016	12:04:56	26
8/31/2016	12:19:56	26
8/31/2016	12:34:56	25
8/31/2016	12:49:56	25
8/31/2016	13:04:56	25
8/31/2016	13:19:56	24
8/31/2016	13:34:56	24
8/31/2016	13:49:56	24
8/31/2016	14:04:56	23
8/31/2016	14:19:56	22
8/31/2016	14:34:56	20
8/31/2016	14:49:56	18
8/31/2016	15:04:56	18
8/31/2016	15:19:56	18
8/31/2016	15:34:56	18
8/31/2016	15:49:56	18
8/31/2016	16:04:56	19
8/31/2016	16:19:56	20
8/31/2016	16:34:56	21
8/31/2016	16:49:56	22
8/31/2016	17:04:56	22
8/31/2016	17:19:56	22

Downwind Station 1 - Particulates

TrakPro Version 4.70 ASCII Data File

Model: DustTrak II
 Model Number: 0:00:00
 Serial Number: 8530162021
 Test ID: 0:00:00
 Test Abbreviation: MANUAL_017
 Start Date: 9/1/2016
 Start Time: 6:30:39
 Duration (dd:hh:mm:ss): 0:06:45:00
 Log Interval (mm:ss): 15:00:00
 Number of points: 0:00:00
 Notes:

Statistics Channel: AEROSOL
 Units: mg/m³
 Average: 1/0/1900
 Minimum: 0.018
 Time of Minimum: 13:15:39
 Date of Minimum: 9/1/2016
 Maximum: 0.04
 Time of Maximum: 7:00:39
 Date of Maximum: 9/1/2016

Calibration Sensor: AEROSOL
 Cal. date 5/23/2016

Date	Time	AEROSOL
MM/dd/yyyy	hh:mm:ss	µg/m ³
9/1/2016	6:45:39	39
9/1/2016	7:00:39	40
9/1/2016	7:15:39	40
9/1/2016	7:30:39	39
9/1/2016	7:45:39	38
9/1/2016	8:00:39	38
9/1/2016	8:15:39	37
9/1/2016	8:30:39	38
9/1/2016	8:45:39	37
9/1/2016	9:00:39	36
9/1/2016	9:15:39	38
9/1/2016	9:30:39	37
9/1/2016	9:45:39	36
9/1/2016	10:00:39	35
9/1/2016	10:15:39	33
9/1/2016	10:30:39	32
9/1/2016	10:45:39	32
9/1/2016	11:00:39	29
9/1/2016	11:15:39	29
9/1/2016	11:30:39	29
9/1/2016	11:45:39	29
9/1/2016	12:00:39	28
9/1/2016	12:15:39	30
9/1/2016	12:30:39	27

Downwind Station 2 - Particulates

TrakPro Version 4.70 ASCII Data File

Model: DustTrak II
Model Number: 8530
Serial Number: 8530162202
Test ID: 12
Test Abbreviation: MANUAL_012
Start Date: 8/29/2016
Start Time: 9:25:50
Duration (dd:hh:mm:ss): 0:03:00:00
Log Interval (mm:ss): 15:00
Number of points: 0:00
Notes:

Statistics Channel: AEROSOL
Units: mg/m^3
Average: 0.017
Minimum: 0.009
Time of Minimum: 12:25:50
Date of Minimum: 8/29/2016
Maximum: 1/0/1900
Time of Maximum: 9:40:50
Date of Maximum: 8/29/2016

Calibration Sensor: AEROSOL
Cal. date 5/23/2016

Date MM/dd/yyyy	Time hh:mm:ss	AEROSOL µg/m3
8/29/2016	9:40:50	28
8/29/2016	9:55:50	24
8/29/2016	10:10:50	20
8/29/2016	10:25:50	20
8/29/2016	10:40:50	19
8/29/2016	10:55:50	18
8/29/2016	11:10:50	16
8/29/2016	11:25:50	14
8/29/2016	11:40:50	13
8/29/2016	11:55:50	12
8/29/2016	12:10:50	10
8/29/2016	12:25:50	9
8/29/2016	12:50:53	11
8/29/2016	13:05:53	7
8/29/2016	13:20:53	7
8/29/2016	13:35:53	7
8/29/2016	13:50:53	7
8/29/2016	14:05:53	7
8/29/2016	14:20:53	7
8/29/2016	14:35:53	8
8/29/2016	14:50:53	8
8/29/2016	15:05:53	9
8/29/2016	15:20:53	8
8/29/2016	15:35:53	8
8/29/2016	15:50:53	8
8/29/2016	16:05:53	8
8/29/2016	16:20:53	8
8/29/2016	16:35:53	8

Downwind Station 2 - Particulates

Model: DustTrak II
Model Number: 8530
Serial Number: 8530162202
Test ID: 14
Test Abbreviation: MANUAL_014
Start Date: 8/30/2016
Start Time: 6:42:04
Duration (dd:hh:mm:ss): 0:11:00:00
Log Interval (mm:ss): 15:00:00
Number of points: 0:00:00
Notes:

Statistics Channel: AEROSOL
Units: mg/m³
Average: 0.015
Minimum: 0.009
Time of Minimum: 17:42:04
Date of Minimum: 8/30/2016
Maximum: 0.028
Time of Maximum: 16:27:04
Date of Maximum: 8/30/2016

Calibration Sensor: AEROSOL
Cal. date 5/23/2016

Date MM/dd/yyyy	Time hh:mm:ss	AEROSOL µg/m3
8/30/2016	6:57:04	15
8/30/2016	7:12:04	15
8/30/2016	7:27:04	15
8/30/2016	7:42:04	15
8/30/2016	7:57:04	14
8/30/2016	8:12:04	12
8/30/2016	8:27:04	10
8/30/2016	8:42:04	10
8/30/2016	8:57:04	10
8/30/2016	9:12:04	13
8/30/2016	9:27:04	10
8/30/2016	9:42:04	23
8/30/2016	9:57:04	21
8/30/2016	10:12:04	13
8/30/2016	10:27:04	16
8/30/2016	10:42:04	12
8/30/2016	10:57:04	12
8/30/2016	11:12:04	14
8/30/2016	11:27:04	13
8/30/2016	11:42:04	13
8/30/2016	11:57:04	13
8/30/2016	12:12:04	14
8/30/2016	12:27:04	13
8/30/2016	12:42:04	12
8/30/2016	12:57:04	18
8/30/2016	13:12:04	12
8/30/2016	13:27:04	16
8/30/2016	13:42:04	19
8/30/2016	13:57:04	12
8/30/2016	14:12:04	15
8/30/2016	14:27:04	15
8/30/2016	14:42:04	13
8/30/2016	14:57:04	12
8/30/2016	15:12:04	27
8/30/2016	15:27:04	15
8/30/2016	15:42:04	10
8/30/2016	15:57:04	11
8/30/2016	16:12:04	19
8/30/2016	16:27:04	28
8/30/2016	16:42:04	17
8/30/2016	16:57:04	21
8/30/2016	17:12:04	11
8/30/2016	17:27:04	11
8/30/2016	17:42:04	9

Downwind Station 2 - Particulates

Model: DustTrak II
Model Number: 0:00:00
Serial Number: 8530162202
Test ID: 0:00:00
Test Abbreviation: MANUAL_015
Start Date: 8/31/2016
Start Time: 6:25:53
Duration (dd:hh:mm:ss): 0:11:00:00
Log Interval (mm:ss): 15:00:00
Number of points: 0:00:00
Notes:

Statistics Channel: AEROSOL
Units: mg/m³
Average: 0.036
Minimum: 0.02
Time of Minimum: 15:40:53
Date of Minimum: 8/31/2016
Maximum: 0.067
Time of Maximum: 8:40:53
Date of Maximum: 8/31/2016

Calibration Sensor: AEROSOL
Cal. date 5/23/2016

Date MM/dd/yyyy	Time hh:mm:ss	AEROSOL µg/m3
8/31/2016	6:40:53	40
8/31/2016	6:55:53	39
8/31/2016	7:10:53	41
8/31/2016	7:25:53	45
8/31/2016	7:40:53	47
8/31/2016	7:55:53	49
8/31/2016	8:10:53	49
8/31/2016	8:25:53	57
8/31/2016	8:40:53	67
8/31/2016	8:55:53	62
8/31/2016	9:10:53	59
8/31/2016	9:25:53	59
8/31/2016	9:40:53	58
8/31/2016	9:55:53	52
8/31/2016	10:10:53	50
8/31/2016	10:25:53	67
8/31/2016	10:40:53	42
8/31/2016	10:55:53	38
8/31/2016	11:10:53	35
8/31/2016	11:25:53	34
8/31/2016	11:40:53	33
8/31/2016	11:55:53	35
8/31/2016	12:10:53	30
8/31/2016	12:25:53	29
8/31/2016	12:40:53	29
8/31/2016	12:55:53	29
8/31/2016	13:10:53	28
8/31/2016	13:25:53	27
8/31/2016	13:40:53	26
8/31/2016	13:55:53	27
8/31/2016	14:10:53	25
8/31/2016	14:25:53	24
8/31/2016	14:40:53	23
8/31/2016	14:55:53	21
8/31/2016	15:10:53	22
8/31/2016	15:25:53	21
8/31/2016	15:40:53	20
8/31/2016	15:55:53	20
8/31/2016	16:10:53	21
8/31/2016	16:25:53	23
8/31/2016	16:40:53	23
8/31/2016	16:55:53	23
8/31/2016	17:10:53	23
8/31/2016	17:25:53	23

Downwind Station 2 - Particulates

Model: DustTrak II
Model Number: 8530
Serial Number: 8530162202
Test ID: 16
Test Abbreviation: MANUAL_016
Start Date: 9/1/2016
Start Time: 6:24:01
Duration (dd:hh:mm:ss): 0:07:00:00
Log Interval (mm:ss): 15:00:00
Number of points: 0:00:00
Notes:

Statistics Channel: AEROSOL
Units: mg/m³
Average: 0.035
Minimum: 0.022
Time of Minimum: 13:24:01
Date of Minimum: 9/1/2016
Maximum: 0.042
Time of Maximum: 7:09:01
Date of Maximum: 9/1/2016

Calibration Sensor: AEROSOL
Cal. date 5/23/2016

Date MM/dd/yyyy	Time hh:mm:ss	AEROSOL µg/m3
9/1/2016	6:39:01	41
9/1/2016	6:54:01	41
9/1/2016	7:09:01	42
9/1/2016	7:24:01	42
9/1/2016	7:39:01	40
9/1/2016	7:54:01	39
9/1/2016	8:09:01	40
9/1/2016	8:24:01	41
9/1/2016	8:39:01	39
9/1/2016	8:54:01	39
9/1/2016	9:09:01	41
9/1/2016	9:24:01	40
9/1/2016	9:39:01	38
9/1/2016	9:54:01	37
9/1/2016	10:09:01	36
9/1/2016	10:24:01	35
9/1/2016	10:39:01	35
9/1/2016	10:54:01	34
9/1/2016	11:09:01	32
9/1/2016	11:24:01	32
9/1/2016	11:39:01	31
9/1/2016	11:54:01	32
9/1/2016	12:09:01	31
9/1/2016	12:24:01	32
9/1/2016	12:39:01	30
9/1/2016	12:54:01	26
9/1/2016	13:09:01	23
9/1/2016	13:24:01	22

Upwind Station - VOCs

16/08/29 09:32

Summary

Unit Name MiniRAE 3000
Unit SN 592-916567
Unit Firmware Ver V1.20B

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 2016/08/29 09:32:25
End 2016/08/29 12:28:23
Sample Period(s) 900
Number of Records 11

Sensor VOC(ppm)
Span 100.000
Span 2 N/A
Low Alarm 50.000
High Alarm 100.000
Over Alarm 15000.000
STEL Alarm 100.000
TWA Alarm 50.000
Measurement Gas Isobutylene
Calibration Time 2016/08/17 06:44
Peak 0.122
Min 0.000
Average 0.023

Datalog

Index	Date/Time	VOC(ppm)(Avg)
1	8/29/2016 9:47	0.038
2	8/29/2016 10:02	0.000
3	8/29/2016 10:17	0.000
4	8/29/2016 10:32	0.000
5	8/29/2016 10:47	0.000
6	8/29/2016 11:02	0.000
7	8/29/2016 11:17	0.000
8	8/29/2016 11:32	0.000
9	8/29/2016 11:47	0.007
10	8/29/2016 12:02	0.071
11	8/29/2016 12:17	0.125
1	8/29/2016 12:47	0.020
2	8/29/2016 13:02	0.045
3	8/29/2016 13:17	0.060
4	8/29/2016 13:32	0.065
5	8/29/2016 13:47	0.073
6	8/29/2016 14:02	0.078
7	8/29/2016 14:17	0.079
8	8/29/2016 14:32	0.105
9	8/29/2016 14:47	0.095
10	8/29/2016 15:02	0.072
11	8/29/2016 15:17	0.199
12	8/29/2016 15:32	0.088
13	8/29/2016 15:47	0.910
14	8/29/2016 16:02	0.320
15	8/29/2016 16:17	0.199
16	8/29/2016 16:32	0.171
17	8/29/2016 16:47	0.141
Peak		0.910
Min		0.020
Average		0.160

Upwind Station - VOCs

16/08/30 06:55

Summary

Unit Name MiniRAE 3000
Unit SN 592-916567
Unit Firmware Ver V1.20B

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 2016/08/30 06:55:18
End 2016/08/30 18:06:30
Sample Period(s) 900
Number of Records 44

Sensor VOC(ppm)
Span 100.000
Span 2 N/A
Low Alarm 50.000
High Alarm 100.000
Over Alarm 15000.000
STEL Alarm 100.000
TWA Alarm 50.000
Measurement Gas Isobutylene
Calibration Time 2016/08/17 06:44
Peak 0.242
Min 0.000
Average 0.110

Datalog

Index	Date/Time	VOC(ppm)(Avg)
1	8/30/2016 7:10	0.000
2	8/30/2016 7:25	0.000
3	8/30/2016 7:40	0.000
4	8/30/2016 7:55	0.000
5	8/30/2016 8:10	0.000
6	8/30/2016 8:25	0.000
7	8/30/2016 8:40	0.000
8	8/30/2016 8:55	0.000
9	8/30/2016 9:10	0.000
10	8/30/2016 9:25	0.000
11	8/30/2016 9:40	0.000
12	8/30/2016 9:55	0.011
13	8/30/2016 10:10	0.025
14	8/30/2016 10:25	0.048
15	8/30/2016 10:40	0.076
16	8/30/2016 10:55	0.102
17	8/30/2016 11:10	0.129
18	8/30/2016 11:25	0.164
19	8/30/2016 11:40	0.193
20	8/30/2016 11:55	0.230
21	8/30/2016 12:10	0.239
22	8/30/2016 12:25	0.237
23	8/30/2016 12:40	0.237
24	8/30/2016 12:55	0.238
25	8/30/2016 13:10	0.235
26	8/30/2016 13:25	0.195
27	8/30/2016 13:40	0.135
28	8/30/2016 13:55	0.146
29	8/30/2016 14:10	0.186
30	8/30/2016 14:25	0.194
31	8/30/2016 14:40	0.191
32	8/30/2016 14:55	0.177
33	8/30/2016 15:10	0.159
34	8/30/2016 15:25	0.157
35	8/30/2016 15:40	0.166
36	8/30/2016 15:55	0.154
37	8/30/2016 16:10	0.144
38	8/30/2016 16:25	0.139
39	8/30/2016 16:40	0.121
40	8/30/2016 16:55	0.097
41	8/30/2016 17:10	0.086
42	8/30/2016 17:25	0.074
43	8/30/2016 17:40	0.064
44	8/30/2016 17:55	0.051
Peak		0.239
Min		0.000
Average		0.109

Upwind Station - VOCs

16/08/31 06:36

Summary

Unit Name MiniRAE 3000
Unit SN 592-916567
Unit Firmware Ver V1.20B

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 2016/08/31 06:36:40
End 2016/08/31 17:46:22
Sample Period(s) 900
Number of Records 44

Sensor VOC(ppm)
Span 100.000
Span 2 N/A
Low Alarm 50.000
High Alarm 100.000
Over Alarm 15000.000
STEL Alarm 100.000
TWA Alarm 50.000
Measurement Gas Isobutylene
Calibration Time 2016/08/17 06:44
Peak 0.145
Min 0.000
Average 0.023

Datalog

Index	Date/Time	VOC(ppm)(Avg)
1	8/31/2016 6:51	0.000
2	8/31/2016 7:06	0.000
3	8/31/2016 7:21	0.000
4	8/31/2016 7:36	0.000
5	8/31/2016 7:51	0.000
6	8/31/2016 8:06	0.000
7	8/31/2016 8:21	0.000
8	8/31/2016 8:36	0.000
9	8/31/2016 8:51	0.000
10	8/31/2016 9:06	0.000
11	8/31/2016 9:21	0.000
12	8/31/2016 9:36	0.000
13	8/31/2016 9:51	0.000
14	8/31/2016 10:06	0.000
15	8/31/2016 10:21	0.000
16	8/31/2016 10:36	0.000
17	8/31/2016 10:51	0.000
18	8/31/2016 11:06	0.000
19	8/31/2016 11:21	0.000
20	8/31/2016 11:36	0.000
21	8/31/2016 11:51	0.000
22	8/31/2016 12:06	0.000
23	8/31/2016 12:21	0.000
24	8/31/2016 12:36	0.001
25	8/31/2016 12:51	0.004
26	8/31/2016 13:06	0.009
27	8/31/2016 13:21	0.008
28	8/31/2016 13:36	0.016
29	8/31/2016 13:51	0.003
30	8/31/2016 14:06	0.019
31	8/31/2016 14:21	0.036
32	8/31/2016 14:36	0.055
33	8/31/2016 14:51	0.088
34	8/31/2016 15:06	0.116
35	8/31/2016 15:21	0.129
36	8/31/2016 15:36	0.127
37	8/31/2016 15:51	0.104
38	8/31/2016 16:06	0.076
39	8/31/2016 16:21	0.054
40	8/31/2016 16:36	0.039
41	8/31/2016 16:51	0.033
42	8/31/2016 17:06	0.018
43	8/31/2016 17:21	0.006
44	8/31/2016 17:36	0.001
Peak		0.129
Min		0.000
Average		0.021

Upwind Station - VOCs

16/09/01 06:37

Summary

Unit Name MiniRAE 3000
Unit SN 592-916567
Unit Firmware Ver V1.20B

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 2016/09/01 06:37:58
End 2016/09/01 13:44:17
Sample Period(s) 900
Number of Records 28

Sensor VOC(ppm)
Span 100.000
Span 2 N/A
Low Alarm 50.000
High Alarm 100.000
Over Alarm 15000.000
STEL Alarm 100.000
TWA Alarm 50.000
Measurement Gas Isobutylene
Calibration Time 2016/08/17 06:44
Peak 0.106
Min 0.000
Average 0.008

Datalog

Index	Date/Time	VOC(ppm)(Avg)
1	9/1/2016 6:52	0.000
2	9/1/2016 7:07	0.000
3	9/1/2016 7:22	0.000
4	9/1/2016 7:37	0.000
5	9/1/2016 7:52	0.000
6	9/1/2016 8:07	0.000
7	9/1/2016 8:22	0.000
8	9/1/2016 8:37	0.000
9	9/1/2016 8:52	0.000
10	9/1/2016 9:07	0.000
11	9/1/2016 9:22	0.000
12	9/1/2016 9:37	0.000
13	9/1/2016 9:52	0.000
14	9/1/2016 10:07	0.000
15	9/1/2016 10:22	0.000
16	9/1/2016 10:37	0.000
17	9/1/2016 10:52	0.000
18	9/1/2016 11:07	0.000
19	9/1/2016 11:22	0.000
20	9/1/2016 11:37	0.000
21	9/1/2016 11:52	0.000
22	9/1/2016 12:07	0.000
23	9/1/2016 12:22	0.000
24	9/1/2016 12:37	0.000
25	9/1/2016 12:52	0.001
26	9/1/2016 13:07	0.022
27	9/1/2016 13:22	0.061
28	9/1/2016 13:37	0.094
Peak		0.094
Min		0.000
Average		0.006

Downwind Station 1 - VOCs

16/08/29 09:34

Summary

Unit Name MiniRAE 3000
Unit SN 592-916915
Unit Firmware Ver V1.20B

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

Site ID RAE00000
User ID 00000001

Begin 2016/08/29 09:34:29
End 2016/08/29 12:43:35
Sample Period(s) 900
Number of Records 12

Sensor VOC(ppb)
Span 100000
Span 2 N/A
Low Alarm 50000
High Alarm 100000
Over Alarm 15000000
STEL Alarm 25000
TWA Alarm 10000
Measurement Gas Isobutylene
Calibration Time 2016/08/17 06:40
Peak N/A
Min N/A
Average N/A

Datalog

Index	Date/Time	VOC(ppm)
1	8/29/2016 9:49	0.000
2	8/29/2016 10:04	0.000
3	8/29/2016 10:19	0.000
4	8/29/2016 10:34	0.011
5	8/29/2016 10:49	0.076
6	8/29/2016 11:04	0.133
7	8/29/2016 11:19	0.181
8	8/29/2016 11:34	0.198
9	8/29/2016 11:49	0.203
10	8/29/2016 12:04	0.192
11	8/29/2016 12:19	0.176
12	8/29/2016 12:34	0.162
1	8/29/2016 13:12	0.105
2	8/29/2016 13:27	0.187
3	8/29/2016 13:42	0.226
4	8/29/2016 13:57	0.224
5	8/29/2016 14:12	0.192
6	8/29/2016 14:27	0.180
7	8/29/2016 14:42	0.156
8	8/29/2016 14:57	0.151
9	8/29/2016 15:12	0.229
10	8/29/2016 15:27	0.199
11	8/29/2016 15:42	0.148
12	8/29/2016 15:57	0.114
13	8/29/2016 16:12	0.102
14	8/29/2016 16:27	0.086
15	8/29/2016 16:42	0.094
16	8/29/2016 16:57	0.064
Peak		0.229
Min		0.064
Average		0.154

Downwind Station 1 - VOCs

16/08/29 09:34

Summary

16/08/30 06:50

Summary

Unit Name MiniRAE 3000
Unit SN 592-916915
Unit Firmware Ver V1.20B

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

Site ID RAE00000
User ID 00000001

Begin 2016/08/30 06:50:56
End 2016/08/30 18:03:03
Sample Period(s) 900
Number of Records 44

Sensor VOC(ppb)
Span 100000
Span 2 N/A
Low Alarm 50000
High Alarm 100000
Over Alarm 15000000
STEL Alarm 25000
TWA Alarm 10000
Measurement Gas Isobutylene
Calibration Time 2016/08/17 06:40
Peak N/A
Min N/A
Average N/A

Datalog

Index	Date/Time	VOC(ppm)
1	8/30/2016 7:05	0.000
2	8/30/2016 7:20	0.000
3	8/30/2016 7:35	0.000
4	8/30/2016 7:50	0.000
5	8/30/2016 8:05	0.005
6	8/30/2016 8:20	0.021
7	8/30/2016 8:35	0.034
8	8/30/2016 8:50	0.064
9	8/30/2016 9:05	0.083
10	8/30/2016 9:20	0.107
11	8/30/2016 9:35	0.105
12	8/30/2016 9:50	0.137
13	8/30/2016 10:05	0.171
14	8/30/2016 10:20	0.179
15	8/30/2016 10:35	0.155
16	8/30/2016 10:50	0.130
17	8/30/2016 11:05	0.109
18	8/30/2016 11:20	0.107
19	8/30/2016 11:35	0.103
20	8/30/2016 11:50	0.105
21	8/30/2016 12:05	0.101
22	8/30/2016 12:20	0.102
23	8/30/2016 12:35	0.100
24	8/30/2016 12:50	0.097
25	8/30/2016 13:05	0.097
26	8/30/2016 13:20	0.093
27	8/30/2016 13:35	0.088
28	8/30/2016 13:50	0.097
29	8/30/2016 14:05	0.098
30	8/30/2016 14:20	0.096
31	8/30/2016 14:35	0.095
32	8/30/2016 14:50	0.087
33	8/30/2016 15:05	0.082
34	8/30/2016 15:20	0.081
35	8/30/2016 15:35	0.081
36	8/30/2016 15:50	0.078
37	8/30/2016 16:05	0.080
38	8/30/2016 16:20	0.075
39	8/30/2016 16:35	0.072
40	8/30/2016 16:50	0.068
41	8/30/2016 17:05	0.064
42	8/30/2016 17:20	0.066
43	8/30/2016 17:35	0.066
44	8/30/2016 17:50	0.059
Peak		0.179
Min		0.000
Average		0.083

Downwind Station 1 - VOCs

16/08/29 09:34

Summary

16/08/31 06:32

Summary

Unit Name MiniRAE 3000
Unit SN 592-916915
Unit Firmware Ver V1.20B

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

Site ID RAE00000
User ID 00000001

Begin 2016/08/31 06:32:45
End 2016/08/31 17:43:05
Sample Period(s) 900
Number of Records 44

Sensor VOC(ppb)
Span 100000
Span 2 N/A
Low Alarm 50000
High Alarm 100000
Over Alarm 15000000
STEL Alarm 25000
TWA Alarm 10000
Measurement Gas Isobutylene
Calibration Time 2016/08/31 06:32
Peak N/A
Min N/A
Average N/A

Datalog

Index	Date/Time	VOC(ppm)
1	8/31/2016 6:47	0.017
2	8/31/2016 7:02	0.000
3	8/31/2016 7:17	0.000
4	8/31/2016 7:32	0.000
5	8/31/2016 7:47	0.000
6	8/31/2016 8:02	0.000
7	8/31/2016 8:17	0.000
8	8/31/2016 8:32	0.000
9	8/31/2016 8:47	0.000
10	8/31/2016 9:02	0.000
11	8/31/2016 9:17	0.007
12	8/31/2016 9:32	0.019
13	8/31/2016 9:47	0.032
14	8/31/2016 10:02	0.043
15	8/31/2016 10:17	0.052
16	8/31/2016 10:32	0.059
17	8/31/2016 10:47	0.068
18	8/31/2016 11:02	0.073
19	8/31/2016 11:17	0.080
20	8/31/2016 11:32	0.086
21	8/31/2016 11:47	0.090
22	8/31/2016 12:02	0.098
23	8/31/2016 12:17	0.107
24	8/31/2016 12:32	0.116
25	8/31/2016 12:47	0.111
26	8/31/2016 13:02	0.104
27	8/31/2016 13:17	0.095
28	8/31/2016 13:32	0.097
29	8/31/2016 13:47	0.093
30	8/31/2016 14:02	0.094
31	8/31/2016 14:17	0.099
32	8/31/2016 14:32	0.100
33	8/31/2016 14:47	0.108
34	8/31/2016 15:02	0.127
35	8/31/2016 15:17	0.130
36	8/31/2016 15:32	0.129
37	8/31/2016 15:47	0.116
38	8/31/2016 16:02	0.110
39	8/31/2016 16:17	0.104
40	8/31/2016 16:32	0.099
41	8/31/2016 16:47	0.087
42	8/31/2016 17:02	0.084
43	8/31/2016 17:17	0.080
44	8/31/2016 17:32	0.077
Peak		0.130
Min		0.000
Average		0.068

Downwind Station 1 - VOCs

16/08/29 09:34

Summary

16/09/01 06:39

Summary

Unit Name MiniRAE 3000
Unit SN 592-916915
Unit Firmware Ver V1.20B

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

Site ID RAE00000
User ID 00000001

Begin 2016/09/01 06:39:15
End 2016/09/01 13:40:09
Sample Period(s) 900
Number of Records 28

Sensor VOC(ppb)
Span 100000
Span 2 N/A
Low Alarm 50000
High Alarm 100000
Over Alarm 15000000
STEL Alarm 25000
TWA Alarm 10000
Measurement Gas Isobutylene
Calibration Time 2016/08/31 06:32
Peak N/A
Min N/A
Average N/A

Datalog

Index	Date/Time	VOC(ppm)
1	9/1/2016 6:54	0.000
2	9/1/2016 7:09	0.000
3	9/1/2016 7:24	0.000
4	9/1/2016 7:39	0.000
5	9/1/2016 7:54	0.000
6	9/1/2016 8:09	0.000
7	9/1/2016 8:24	0.000
8	9/1/2016 8:39	0.000
9	9/1/2016 8:54	0.000
10	9/1/2016 9:09	0.000
11	9/1/2016 9:24	0.000
12	9/1/2016 9:39	0.000
13	9/1/2016 9:54	0.000
14	9/1/2016 10:09	0.000
15	9/1/2016 10:24	0.000
16	9/1/2016 10:39	0.000
17	9/1/2016 10:54	0.000
18	9/1/2016 11:09	0.000
19	9/1/2016 11:24	0.000
20	9/1/2016 11:39	0.000
21	9/1/2016 11:54	0.000
22	9/1/2016 12:09	0.000
23	9/1/2016 12:24	0.000
24	9/1/2016 12:39	0.013
25	9/1/2016 12:54	0.028
26	9/1/2016 13:09	0.070
27	9/1/2016 13:24	0.097
28	9/1/2016 13:39	0.080
Peak		0.097
Min		0.000
Average		0.010

Downwind Station 2 - VOCs

16/08/30 06:50

Summary

Unit Name MiniRAE 3000
Unit SN 592-915553
Unit Firmware Ver V1.20B

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 2016/08/30 06:50:46
End 2016/08/30 17:58:32
Sample Period(s) 900
Number of Records 44

Sensor VOC(ppm)
Span 100.000
Span 2 N/A
Low Alarm 50.000
High Alarm 100.000
Over Alarm 15000.000
STEL Alarm 100.000
TWA Alarm 50.000
Measurement Gas Isobutylene
Calibration Time 2016/08/17 06:37
Peak 0.310
Min 0.000
Average 0.109

Datalog

Index	Date/Time	VOC(ppm)(Avg)
1	8/30/2016 7:05	0.018
2	8/30/2016 7:20	0.108
3	8/30/2016 7:35	0.155
4	8/30/2016 7:50	0.174
5	8/30/2016 8:05	0.186
6	8/30/2016 8:20	0.185
7	8/30/2016 8:35	0.187
8	8/30/2016 8:50	0.189
9	8/30/2016 9:05	0.190
10	8/30/2016 9:20	0.187
11	8/30/2016 9:35	0.181
12	8/30/2016 9:50	0.174
13	8/30/2016 10:05	0.179
14	8/30/2016 10:20	0.182
15	8/30/2016 10:35	0.182
16	8/30/2016 10:50	0.177
17	8/30/2016 11:05	0.170
18	8/30/2016 11:20	0.167
19	8/30/2016 11:35	0.161
20	8/30/2016 11:50	0.189
21	8/30/2016 12:05	0.267
22	8/30/2016 12:20	0.321
23	8/30/2016 12:35	0.268
24	8/30/2016 12:50	0.200
25	8/30/2016 13:05	0.151
26	8/30/2016 13:20	0.104
27	8/30/2016 13:35	0.055
28	8/30/2016 13:50	0.036
29	8/30/2016 14:05	0.024
30	8/30/2016 14:20	0.008
31	8/30/2016 14:35	0.000
32	8/30/2016 14:50	0.000
33	8/30/2016 15:05	0.000
34	8/30/2016 15:20	0.000
35	8/30/2016 15:35	0.000
36	8/30/2016 15:50	0.000
37	8/30/2016 16:05	0.000
38	8/30/2016 16:20	0.000
39	8/30/2016 16:35	0.000
40	8/30/2016 16:50	0.000
41	8/30/2016 17:05	0.000
42	8/30/2016 17:20	0.000
43	8/30/2016 17:35	0.000
44	8/30/2016 17:50	0.000
Peak		0.321
Min		0.000
Average		0.109

Downwind Station 2 - VOCs

16/08/31 06:32

Summary

Unit Name MiniRAE 3000
Unit SN 592-915553
Unit Firmware Ver V1.20B

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 2016/08/31 06:32:09
End 2016/08/31 17:38:10
Sample Period(s) 900
Number of Records 44

Sensor VOC(ppm)
Span 100.000
Span 2 N/A
Low Alarm 50.000
High Alarm 100.000
Over Alarm 15000.000
STEL Alarm 100.000
TWA Alarm 50.000
Measurement Gas Isobutylene
Calibration Time 2016/08/17 06:37
Peak 0.040
Min 0.000
Average 0.010

Datalog

Index	Date/Time	VOC(ppm)(Avg)
1	8/31/2016 6:47	0.000
2	8/31/2016 7:02	0.000
3	8/31/2016 7:17	0.000
4	8/31/2016 7:32	0.000
5	8/31/2016 7:47	0.000
6	8/31/2016 8:02	0.000
7	8/31/2016 8:17	0.005
8	8/31/2016 8:32	0.004
9	8/31/2016 8:47	0.027
10	8/31/2016 9:02	0.021
11	8/31/2016 9:17	0.017
12	8/31/2016 9:32	0.011
13	8/31/2016 9:47	0.016
14	8/31/2016 10:02	0.005
15	8/31/2016 10:17	0.010
16	8/31/2016 10:32	0.005
17	8/31/2016 10:47	0.004
18	8/31/2016 11:02	0.001
19	8/31/2016 11:17	0.003
20	8/31/2016 11:32	0.003
21	8/31/2016 11:47	0.001
22	8/31/2016 12:02	0.004
23	8/31/2016 12:17	0.010
24	8/31/2016 12:32	0.010
25	8/31/2016 12:47	0.010
26	8/31/2016 13:02	0.007
27	8/31/2016 13:17	0.002
28	8/31/2016 13:32	0.003
29	8/31/2016 13:47	0.002
30	8/31/2016 14:02	0.004
31	8/31/2016 14:17	0.008
32	8/31/2016 14:32	0.010
33	8/31/2016 14:47	0.015
34	8/31/2016 15:02	0.026
35	8/31/2016 15:17	0.039
36	8/31/2016 15:32	0.041
37	8/31/2016 15:47	0.029
38	8/31/2016 16:02	0.024
39	8/31/2016 16:17	0.021
40	8/31/2016 16:32	0.016
41	8/31/2016 16:47	0.017
42	8/31/2016 17:02	0.018
43	8/31/2016 17:17	0.013
44	8/31/2016 17:32	0.012
Peak		0.041
Min		0.000
Average		0.011

Downwind Station 2 - VOCs

16/09/01 06:32

Summary

Unit Name MiniRAE 3000
Unit SN 592-915553
Unit Firmware Ver V1.20B

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 2016/09/01 06:32:40
End 2016/09/01 13:35:51
Sample Period(s) 900
Number of Records 28

Sensor VOC(ppm)
Span 100.000
Span 2 N/A
Low Alarm 50.000
High Alarm 100.000
Over Alarm 15000.000
STEL Alarm 100.000
TWA Alarm 50.000
Measurement Gas Isobutylene
Calibration Time 2016/08/17 06:37
Peak 0.081
Min 0.000
Average 0.042

Datalog

Index	Date/Time	VOC(ppm)(Avg)
1	9/1/2016 6:47	0.000
2	9/1/2016 7:02	0.000
3	9/1/2016 7:17	0.000
4	9/1/2016 7:32	0.007
5	9/1/2016 7:47	0.016
6	9/1/2016 8:02	0.020
7	9/1/2016 8:17	0.021
8	9/1/2016 8:32	0.033
9	9/1/2016 8:47	0.043
10	9/1/2016 9:02	0.047
11	9/1/2016 9:17	0.054
12	9/1/2016 9:32	0.049
13	9/1/2016 9:47	0.053
14	9/1/2016 10:02	0.056
15	9/1/2016 10:17	0.067
16	9/1/2016 10:32	0.070
17	9/1/2016 10:47	0.073
18	9/1/2016 11:02	0.068
19	9/1/2016 11:17	0.065
20	9/1/2016 11:32	0.056
21	9/1/2016 11:47	0.050
22	9/1/2016 12:02	0.038
23	9/1/2016 12:17	0.040
24	9/1/2016 12:32	0.043
25	9/1/2016 12:47	0.040
26	9/1/2016 13:02	0.036
27	9/1/2016 13:17	0.040
28	9/1/2016 13:32	0.041
Peak		0.073
Min		0.000
Average		0.040