

April 25, 2016

Mr. William Wu
Environmental Engineer
New York State Department of Environmental Conservation
Division of Environmental Remediation
Remedial Bureau C, 11th Floor
625 Broadway
Albany, NY 12233

**Re: Community Air Monitoring Program Data for
Property Owner Utility Trench Work – Property Redevelopment
Former Dangman Park Manufactured Gas Plant Site
Brooklyn, New York
Site No. 224047
Index # A2-0552-0606**

Dear Mr. Wu:

This letter transmits one electronic copy of the Community Air Monitoring Program (CAMP) data for April 18 and 19, 2016 at the Former Dangman Park Manufactured Gas Plant Site in Brooklyn, New York. The CAMP was conducted by Arcadis of New York, Inc., on behalf of National Grid, during excavation of a shallow utility trench at the Site. The work is being conducted by the property owner as part of the property redevelopment. There were no exceedances of the CAMP action levels during the work.

Sincerely,



Katherine Vater
Project Manager

Enclosure

Ecc: Mr. Albert DeMarco – NYSDOH
Mr. Santosh Mahat – NYSDEC, Region 2

Ms. Katherine Vater
Project Manager
National Grid
287 Maspeth Avenue
Brooklyn, New York 11211

Arcadis of New York, Inc.
Two Huntington Quadrangle
Suite 1S10
Melville
New York 11747
Tel 631 249 7600
Fax 631 249 7610
www.arcadis.com

Subject:

Former Dangman Park Manufactured Gas Plant Site – Property Redevelopment
Property Owner Utility Trench Work
Community Air Monitoring Data
Brooklyn, New York
NYSDEC Site No. 224047
Index # A2-0552-0606

ENVIRONMENT

Date:
April 22, 2016

Contact:
Steven M. Feldman

Phone:
(631) 391-5244

Email:
Steven.Feldman@arcadis.com

Our ref:
B0036704.0001

Dear Ms. Vater:

This letter transmits the community air monitoring data collected on April 18 and 19, 2016 in connection with the property owner's (Owner's) utility trench work in the back alley of Block 7273, Lot 1. The back alley traverses a portion of National Grid's former Dangman Park Manufactured Gas Plant (MGP) Site (the Site). Arcadis conducted the community air monitoring on behalf of National Grid and in accordance with the New York State Department of Environmental Conservation (NYSDEC) approved Community Air Monitoring Plan (CAMP) for the Site.

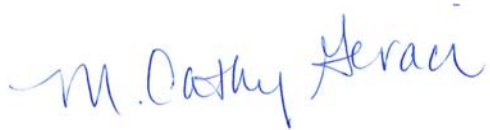
Real-time air monitoring was implemented at the Site for volatile organic compounds (VOCs) using a photoionization detector (PID) and particulate matter using a particulate monitor. The community air monitoring data were collected at one (1) upwind monitoring location and one (1) downwind monitoring location during the intrusive trench work activities. There were no exceedances of action levels associated with these activities.

Ms. Katherine Vater
April 22, 2016

Please do not hesitate to contact us if you have any questions or require additional information.

Sincerely,

Arcadis of New York, Inc.

A handwritten signature in blue ink that reads "M. Cathy Geraci". The signature is written in a cursive style.

M. Cathy Geraci
Principal Engineer

A handwritten signature in blue ink that reads "Steven M. Feldman". The signature is written in a cursive style.

Steven M. Feldman
Principal Scientist

Enclosure:

Attachment

- 1 Community Air Monitoring Data

ATTACHMENT 1

Community Air Monitoring Data



UPWIND AIR MONITORING STATION

APRIL 18, 2016

Timestamp (GMT-4)	Mass ($\mu\text{g}/\text{m}^3$)	Mass (Avg15) ($\mu\text{g}/\text{m}^3$)	VOC (ppm)	VOC (Avg15) (ppm)
4/18/2016 21:32	141.8	46.77	1.477	1.5519
4/18/2016 21:31	17.3	38.69	1.487	1.5635
4/18/2016 21:30	15.5	39.2	1.496	1.5749
4/18/2016 21:29	306.2	39.36	1.5	1.5866
4/18/2016 21:28	16.8	20.39		
4/18/2016 21:27	17	20.79	1.535	1.6055
4/18/2016 21:26	17.6	20.97	1.53	1.6165
4/18/2016 21:25	21.8	21.01	1.544	1.6287
4/18/2016 21:24	17.7	21.03	1.571	1.6411
4/18/2016 21:23	21.3	21.28	1.577	1.6523
4/18/2016 21:22	23.9	21.11	1.585	1.6635
4/18/2016 21:21	21.4	20.75	1.593	1.6749
4/18/2016 21:20	22.3	20.7	1.603	1.6861
4/18/2016 21:19	20	20.73	1.608	1.6977
4/18/2016 21:18	20.9	20.84	1.62	1.7088
4/18/2016 21:17	20.6	20.74	1.64	1.7197
4/18/2016 21:16	25	20.7	1.647	1.7293
4/18/2016 21:15	17.9	20.47	1.659	1.7395
4/18/2016 21:14	21.7	20.39	1.68	1.7495
4/18/2016 21:13	22.8	20.3	1.69	1.7544
4/18/2016 21:12	19.7	20.11	1.701	1.7594
4/18/2016 21:11	18.2	20.16	1.713	1.7643
4/18/2016 21:10	22.1	20.45	1.73	1.7771
4/18/2016 21:09	21.4	20.38	1.738	1.7898
4/18/2016 21:08	18.8	20.38	1.746	1.8033
4/18/2016 21:07	18.4	20.87	1.756	1.8177
4/18/2016 21:06	20.7	20.86	1.761	1.8324
4/18/2016 21:05	22.7	20.84	1.776	1.8474
4/18/2016 21:04	21.7	21.15	1.775	1.8624
4/18/2016 21:03	19.4	21.14	1.784	1.8785
4/18/2016 21:02	20	21.19	1.783	1.8955
4/18/2016 21:01	21.5	21.35	1.801	1.9137
4/18/2016 21:00	16.8	21.28	1.808	1.9317
4/18/2016 20:57	20.4	22.49		
4/18/2016 20:56	21.9	22.73	1.867	1.976
4/18/2016 20:55	21.2	22.82	1.883	1.9918
4/18/2016 20:54	21.4	22.8	1.899	2.0071
4/18/2016 20:53	25.2	22.75	1.919	2.0229
4/18/2016 20:52	18.3	22.46	1.933	2.0381
4/18/2016 20:51	20.4	22.65	1.941	2.0541
4/18/2016 20:50	26.8	22.91	1.956	2.0725
4/18/2016 20:49	21.5	22.67	1.968	2.0899
4/18/2016 20:48	20.1	23.36	1.988	2.1076
4/18/2016 20:47	22	25.22	2.001	2.1245
4/18/2016 20:46	20.7	25.33	2.018	2.1417
4/18/2016 20:45	22.7	25.53	2.042	2.1587

UPWIND AIR MONITORING STATION

APRIL 18, 2016

Timestamp (GMT-4)	Mass ($\mu\text{g}/\text{m}^3$)	Mass (Avg15) ($\mu\text{g}/\text{m}^3$)	VOC (ppm)	VOC (Avg15) (ppm)
4/18/2016 20:44	30.4	26.02	2.065	2.1752
4/18/2016 20:43	24.4	25.77	2.072	2.1911
4/18/2016 20:42	23.9	25.7	2.088	2.2088
4/18/2016 20:41	23.3	25.69	2.104	2.226
4/18/2016 20:40	20.9	25.67	2.112	2.2433
4/18/2016 20:39	20.6	25.83	2.137	2.2613
4/18/2016 20:38	20.9	25.85	2.146	2.2785
4/18/2016 20:37	21.2	26.06	2.174	2.2971
4/18/2016 20:36	24.2	26.32	2.217	2.3151
4/18/2016 20:35	23.2	26.24	2.216	2.3321
4/18/2016 20:34	31.9	26.33	2.234	2.3505
4/18/2016 20:33	48	26.1	2.241	2.3706
4/18/2016 20:32	23.6	24.49	2.259	2.3912
4/18/2016 20:31	23.7	25.49	2.274	2.4127
4/18/2016 20:30	30.1	26.1	2.289	2.4356
4/18/2016 20:29	26.7	25.4	2.304	2.4595
4/18/2016 20:28	23.3	24.94	2.337	2.4857
4/18/2016 20:27	23.8	24.87	2.346	2.5115
4/18/2016 20:26	23	24.77	2.364	2.539
4/18/2016 20:25	23.2	24.63	2.381	2.5691
4/18/2016 20:24	21	24.71	2.396	2.601
4/18/2016 20:23	24	24.75	2.425	2.6349
4/18/2016 20:22	25.1	24.62	2.444	2.6707
4/18/2016 20:21	23	24.59	2.472	2.711
4/18/2016 20:20	24.5	24.84	2.492	2.753
4/18/2016 20:19	28.5	25.4	2.535	2.8003
4/18/2016 20:18	23.8	25.14	2.55	2.8545
4/18/2016 20:17	38.7	25.09	2.581	2.9113
4/18/2016 20:16	32.8	24.33	2.618	2.9349
4/18/2016 20:15	19.6	23.73	2.647	2.9593
4/18/2016 20:14	19.8	24.05	2.698	2.9853
4/18/2016 20:13	22.3	24.4	2.723	3.0115
4/18/2016 20:12	22.3	24.59	2.759	3.0403
4/18/2016 20:11	20.8	24.82	2.816	3.0716
4/18/2016 20:10	24.5	25.27	2.859	3.1035
4/18/2016 20:09	21.6	25.36	2.904	3.1384
4/18/2016 20:08	22	25.9	2.963	3.1775
4/18/2016 20:07	24.6	26.55	3.048	3.2204
4/18/2016 20:06	26.8	26.94	3.102	3.2635
4/18/2016 20:05	32.9	26.98	3.201	3.3173
4/18/2016 20:04	24.6	25	3.349	3.3755
4/18/2016 20:03	23	25.2	3.402	3.402
4/18/2016 20:02	27.4	27.4		

DOWNWIND AIR MONITORING STATION**APRIL 18, 2016**

Timestamp (GMT-4)	VOC (ppm)	VOC (Avg15) (ppm)	Mass ($\mu\text{g}/\text{m}^3$)	Mass (Avg15) ($\mu\text{g}/\text{m}^3$)
4/18/2016 21:36	0.958	1.0015	7.6	8.28
4/18/2016 21:35	0.962	1.0085	7.2	8.38
4/18/2016 21:34	0.969	1.0151	7.7	8.62
4/18/2016 21:33	0.977	1.0221	7.4	8.83
4/18/2016 21:32	0.979	1.0287	9.6	8.97
4/18/2016 21:31	0.985	1.0361	6.8	9.02
4/18/2016 21:30	0.987	1.0433	7.9	9.04
4/18/2016 21:29	0.998	1.0502	7.7	9.08
4/18/2016 21:28	1.005	1.0575	8.5	9.3
4/18/2016 21:27	1.025	1.0646	10.6	9.34
4/18/2016 21:26	1.011	1.0709	7.3	9.35
4/18/2016 21:25	1.027	1.0807	8	9.67
4/18/2016 21:24	1.033	1.0883	7.7	9.82
4/18/2016 21:23	1.049	1.0963	9	9.88
4/18/2016 21:22	1.058	1.1034	11.2	10.24
4/18/2016 21:21	1.063	1.1105	9.1	10.06
4/18/2016 21:20	1.061	1.1172	10.8	10.42
4/18/2016 21:19	1.073	1.1241	10.9	10.4
4/18/2016 21:18	1.077	1.1303	9.5	10.3
4/18/2016 21:17	1.089	1.1363	10.3	10.27
4/18/2016 21:16	1.093	1.1413	7.1	10.21
4/18/2016 21:15	1.091	1.1466	8.5	10.31
4/18/2016 21:14	1.107	1.1521	11	10.49
4/18/2016 21:13	1.112	1.1575	9.1	10.35
4/18/2016 21:12	1.119	1.1625	10.8	10.31
4/18/2016 21:11	1.158	1.1671	12	10.1
4/18/2016 21:10	1.141	1.1695	10.3	9.93
4/18/2016 21:09	1.154	1.1742	8.6	9.9
4/18/2016 21:08	1.155	1.1792	14.4	10.05
4/18/2016 21:07	1.164	1.1841	8.5	9.59
4/18/2016 21:06	1.164	1.1885	14.5	9.6
4/18/2016 21:05	1.164	1.1927	10.5	9.35
4/18/2016 21:04	1.167	1.1971	9.4	9.26
4/18/2016 21:03	1.167	1.1992	9	9.25
4/18/2016 21:02	1.163	1.2017	9.5	9.27
4/18/2016 21:01	1.173	1.2049	8.5	9.25
4/18/2016 21:00	1.174	1.2078	11.2	9.33
4/18/2016 20:59	1.187	1.2112	9	9.12
4/18/2016 20:58	1.188	1.2139	8.5	9.14
4/18/2016 20:57	1.188	1.2171	7.6	9.23
4/18/2016 20:56	1.193	1.2213	9.4	9.5
4/18/2016 20:55	1.212	1.226	9.9	9.52
4/18/2016 20:54	1.229	1.2288	10.8	9.43
4/18/2016 20:53	1.228	1.2288	7.6	8.97
4/18/2016 20:52	1.23	1.229	8.6	9.65
4/18/2016 20:51	1.227	1.2285	10.7	10.7

DOWNWIND AIR MONITORING STATION

APRIL 18, 2016

Timestamp (GMT-4)	VOC (ppm)	VOC (Avg15) (ppm)	Mass ($\mu\text{g}/\text{m}^3$)	Mass (Avg15) ($\mu\text{g}/\text{m}^3$)
4/18/2016 20:50	1.23	1.23		

UPWIND AIR MONITORING STATION**APRIL 19, 2016**

Timestamp (GMT-4)	Mass ($\mu\text{g}/\text{m}^3$)	Mass (Avg15) ($\mu\text{g}/\text{m}^3$)	VOC (ppm)	VOC (Avg15) (ppm)
4/19/2016 21:05	14.3	16.41	0.318	0.3635
4/19/2016 21:04	5.3	18.52	0.387	0.3683
4/19/2016 21:03	4.8	18.63	0.383	0.3653
4/19/2016 21:02	3.1	18.72	0.328	0.3647
4/19/2016 21:01	3.4	19.67	0.383	0.3675
4/19/2016 21:00	4.3	20.36	0.362	0.3666
4/19/2016 20:59	8.6	20.77	0.358	0.3635
4/19/2016 20:58	10.8	20.5	0.371	0.3641
4/19/2016 20:57	3.9	21.65	0.351	0.3651
4/19/2016 20:56	8.2	21.77	0.362	0.3657
4/19/2016 20:55	93.7	21.81	0.34	0.366
4/19/2016 20:54	13.5	15.75	0.324	0.3656
4/19/2016 20:53	21.3	14.96	0.412	0.3653
4/19/2016 20:52	12.3	13.97	0.395	0.3573
4/19/2016 20:51	38.6	13.41	0.378	0.3517
4/19/2016 20:50	46	11.37	0.391	0.3467
4/19/2016 20:49	7	9.22	0.342	0.3417
4/19/2016 20:48	6.1	8.95	0.373	0.3432
4/19/2016 20:47	17.3	14.57	0.371	0.3425
4/19/2016 20:46	13.8	13.67	0.369	0.341
4/19/2016 20:45	10.5	14.47	0.316	0.3407
4/19/2016 20:44	4.5	14.8	0.367	0.3437
4/19/2016 20:43	28.1	15.31	0.386	0.3433
4/19/2016 20:42	5.6	13.83	0.36	0.3418
4/19/2016 20:41	8.9	13.76	0.366	0.3423
4/19/2016 20:40	2.8	13.95	0.334	0.3413
4/19/2016 20:39	1.6	14.75	0.319	0.3368
4/19/2016 20:38	6.5	15.23	0.293	0.3353
4/19/2016 20:37	3.8	15.41	0.311	0.3379
4/19/2016 20:36	8	15.96	0.302	0.3408
4/19/2016 20:35	13.8	16.65	0.317	0.3445
4/19/2016 20:34	2.9	22.43	0.364	0.3463
4/19/2016 20:33	90.5	24.01	0.362	0.3423
4/19/2016 20:32	3.8	19.79	0.349	0.3387
4/19/2016 20:31	25.7	20.13	0.365	0.3355
4/19/2016 20:30	15.5	18.79	0.361	0.3302
4/19/2016 20:29	12.2	18.05	0.36	0.3266
4/19/2016 20:28	5.9	17.43	0.364	0.3249
4/19/2016 20:27	4.5	17.53	0.368	0.3195
4/19/2016 20:26	11.7	17.41	0.35	0.3184
4/19/2016 20:25	14.9	17.1	0.267	0.3195
4/19/2016 20:24	8.7	16.28	0.296	0.3223
4/19/2016 20:23	9.3	15.97	0.333	0.3335
4/19/2016 20:22	12	15.54	0.354	0.3697
4/19/2016 20:21	18.3	14.91	0.357	0.4462
4/19/2016 20:20	100.5	13.91	0.345	0.4452

UPWIND AIR MONITORING STATION**APRIL 19, 2016**

Timestamp (GMT-4)	Mass ($\mu\text{g}/\text{m}^3$)	Mass (Avg15) ($\mu\text{g}/\text{m}^3$)	VOC (ppm)	VOC (Avg15) (ppm)
4/19/2016 20:19	26.7	7.57	0.303	0.438
4/19/2016 20:18	27.1	6.13	0.308	0.4368
4/19/2016 20:17	8.9	4.57	0.301	0.435
4/19/2016 20:16	5.6	4.3	0.286	0.4332
4/19/2016 20:15	4.5	4.43	0.307	0.4298
4/19/2016 20:14	2.8	4.39	0.334	0.4243
4/19/2016 20:13	7.5	4.37	0.283	0.421
4/19/2016 20:12	2.6	4.17	0.352	0.4212
4/19/2016 20:11	7.1	4.33	0.367	0.4125
4/19/2016 20:10	2.6	4.19	0.308	0.4045
4/19/2016 20:09	4.1	4.33	0.465	0.4023
4/19/2016 20:08	2.8	4.25	0.876	0.3871
4/19/2016 20:07	2.5	4.39	1.501	0.3466
4/19/2016 20:06	3.4	4.51	0.342	0.2652
4/19/2016 20:05	5.3	4.63	0.237	0.2622
4/19/2016 20:04	5.2	4.54	0.285	0.2653
4/19/2016 20:03	3.6	4.4	0.281	0.2647
4/19/2016 20:02	4.9	4.37	0.274	0.2636
4/19/2016 20:01	7.5	4.25	0.235	0.2621
4/19/2016 20:00	3.9	3.92	0.224	0.2647
4/19/2016 19:59	2.6	3.9	0.285	0.2665
4/19/2016 19:58	4.4	4.01	0.286	0.2671
4/19/2016 19:57	5.1	3.94	0.222	0.267
4/19/2016 19:56	5	3.85	0.247	0.2715
4/19/2016 19:55	4.7	3.87	0.274	0.2786
4/19/2016 19:54	2.9	3.96	0.237	0.2815
4/19/2016 19:53	4.9	3.98	0.269	0.2845
4/19/2016 19:52	4.2	3.85	0.28	0.2842
4/19/2016 19:51	5.3	3.77	0.297	0.2823
4/19/2016 19:50	3.9	3.67	0.283	0.2774
4/19/2016 19:49	3.1	3.67	0.276	0.2733
4/19/2016 19:48	3.2	3.71	0.265	0.2682
4/19/2016 19:47	3	19.14	0.252	0.2648
4/19/2016 19:46	2.6	20.45	0.274	0.2644
4/19/2016 19:45	3.6	20.57	0.251	0.2649
4/19/2016 19:44	4.2	20.51	0.293	0.2684
4/19/2016 19:43	3.4	20.4	0.285	0.2648
4/19/2016 19:42	3.8	20.34	0.29	0.2617
4/19/2016 19:41	5.2	20.35	0.353	0.2593
4/19/2016 19:40	6.1	20.27	0.317	0.255
4/19/2016 19:39	3.2	20.05	0.283	0.2535
4/19/2016 19:38	3	20.06	0.264	0.2561
4/19/2016 19:37	2.9	20.01	0.251	0.2595
4/19/2016 19:36	3.9	19.97	0.224	0.2631
4/19/2016 19:35	3.9	19.97	0.221	0.2691
4/19/2016 19:34	3.6	19.89	0.2	0.2707

UPWIND AIR MONITORING STATION

APRIL 19, 2016

Timestamp (GMT-4)	Mass ($\mu\text{g}/\text{m}^3$)	Mass (Avg15) ($\mu\text{g}/\text{m}^3$)	VOC (ppm)	VOC (Avg15) (ppm)
4/19/2016 19:33	234.7	21.52	0.214	0.2771
4/19/2016 19:32	22.7	6.09	0.246	0.2844
4/19/2016 19:31	4.4	4.76	0.282	0.2873
4/19/2016 19:30	2.7	4.65	0.303	0.2887
4/19/2016 19:29	2.5	4.71	0.239	0.2901
4/19/2016 19:28	2.5	4.67	0.239	0.2939
4/19/2016 19:27	4	4.65	0.254	0.2997
4/19/2016 19:26	4	5.43	0.288	0.3024
4/19/2016 19:25	2.7	5.39	0.294	0.3019
4/19/2016 19:24	3.4	5.33	0.323	0.3045
4/19/2016 19:23	2.3	5.37	0.314	0.3021
4/19/2016 19:22	2.3	5.73	0.305	0.2959
4/19/2016 19:21	3.9	5.79	0.315	0.2904
4/19/2016 19:20	2.6	5.71	0.244	0.2845
4/19/2016 19:19	28.1	5.75	0.297	0.2845
4/19/2016 19:18	3.3	4.17	0.323	0.2829
4/19/2016 19:17	2.7	4.18	0.289	0.2774
4/19/2016 19:16	2.8	4.44	0.304	0.2751
4/19/2016 19:15	3.6	4.47	0.323	0.272
4/19/2016 19:14	1.8	4.45	0.296	0.2681
4/19/2016 19:13	2.2	4.52	0.327	0.2652
4/19/2016 19:12	15.7	4.56	0.294	0.2649
4/19/2016 19:11	3.4	3.79	0.281	0.2677
4/19/2016 19:10	1.9	3.98	0.333	0.2685
4/19/2016 19:09	3.9	4.23	0.286	0.2621
4/19/2016 19:08	7.8	4.36	0.222	0.2595
4/19/2016 19:07	3.2	4.2	0.222	0.2665
4/19/2016 19:06	2.6	4.29	0.227	0.2731
4/19/2016 19:05	3.3	5.86	0.244	0.2779
4/19/2016 19:04	4.3	5.83	0.272	0.2769
4/19/2016 19:03	3.5	5.78	0.241	0.2731
4/19/2016 19:02	6.6	5.75	0.254	0.2755
4/19/2016 19:01	3.2	5.57	0.258	0.2733
4/19/2016 19:00	3.4	5.51	0.265	0.2699
4/19/2016 18:59	2.8	5.5	0.252	0.2646
4/19/2016 18:58	2.8	5.6	0.322	0.2643
4/19/2016 18:57	4.2	5.63	0.337	0.2625
4/19/2016 18:56	6.2	5.63	0.293	0.2579
4/19/2016 18:55	5.6	5.54	0.237	0.2573
4/19/2016 18:54	5.9	5.36	0.247	0.2598
4/19/2016 18:53	5.4	5.21	0.326	0.2588
4/19/2016 18:52	4.5	5.12	0.321	0.2517
4/19/2016 18:51	26.2	5.33	0.3	0.2478
4/19/2016 18:50	2.8	4.13	0.229	0.2475
4/19/2016 18:49	3.6	4.37	0.214	0.2565
4/19/2016 18:48	3	4.58	0.277	0.2681

UPWIND AIR MONITORING STATION

APRIL 19, 2016

Timestamp (GMT-4)	Mass ($\mu\text{g}/\text{m}^3$)	Mass (Avg15) ($\mu\text{g}/\text{m}^3$)	VOC (ppm)	VOC (Avg15) (ppm)
4/19/2016 18:47	3.9	5.85	0.222	0.2733
4/19/2016 18:46	2.3	5.89	0.206	0.2807
4/19/2016 18:45	3.3	6.18	0.186	0.2854
4/19/2016 18:44	4.3	6.19	0.248	0.2881
4/19/2016 18:43	3.3	8.22	0.295	0.2916
4/19/2016 18:42	4.1	8.29	0.268	0.2912
4/19/2016 18:41	4.9	8.36	0.283	0.2957
4/19/2016 18:40	2.9	8.49	0.275	0.296
4/19/2016 18:39	3.7	8.56	0.232	0.2954
4/19/2016 18:38	4	8.57	0.219	0.2985
4/19/2016 18:37	7.6	8.66	0.263	0.2987
4/19/2016 18:36	8.3	9.53	0.296	0.2927
4/19/2016 18:35	6.4	9.62	0.364	0.2925
4/19/2016 18:34	6.7	9.57	0.388	0.2801
4/19/2016 18:33	22	10.84	0.354	0.2661
4/19/2016 18:32	4.6	10.08	0.333	0.2561
4/19/2016 18:31	6.6	35.44	0.277	0.2458
4/19/2016 18:30	3.4	35.34	0.226	0.2462
4/19/2016 18:29	34.8	35.4	0.301	0.2459
4/19/2016 18:28	4.3	33.74	0.289	0.2431
4/19/2016 18:27	5.2	33.99	0.336	0.2407
4/19/2016 18:26	6.9	36.9	0.287	0.2321
4/19/2016 18:25	3.9	36.69	0.266	0.2253
4/19/2016 18:24	3.9	40.35	0.278	0.2211
4/19/2016 18:23	5.3	40.75	0.222	0.2131
4/19/2016 18:22	20.7	43.77	0.174	0.2104
4/19/2016 18:21				
4/19/2016 18:20	5.7	43.22	0.19	0.2077
4/19/2016 18:19	24.5	43.05	0.193	0.2041
4/19/2016 18:18	11.3	41.74	0.213	0.2009
4/19/2016 18:17	359.6	41.27	0.189	0.1951
4/19/2016 18:16	5.2	19.99	0.283	0.1927
4/19/2016 18:15	4.3	20.02	0.221	0.1835
4/19/2016 18:14	11.5	22.46	0.263	0.1791
4/19/2016 18:13	7.8	23.13	0.255	0.1759
4/19/2016 18:12	46	24.09	0.216	0.1709
4/19/2016 18:11	3.9	22.51	0.191	0.1723
4/19/2016 18:10	55.2	25.68	0.207	0.1713
4/19/2016 18:09	9.5	23.61	0.167	0.1668
4/19/2016 18:08	47.6	25.7	0.183	0.1649
4/19/2016 18:07	39.9	36.23	0.18	0.1567
4/19/2016 18:06	16.3	35.67	0.164	0.1492
4/19/2016 18:05	3.2	38.1	0.137	0.14
4/19/2016 18:04	4.8	39.65	0.145	0.1402
4/19/2016 18:03	4.2	42.14	0.125	0.1398
4/19/2016 18:02	40.4	45.06	0.153	0.1411

UPWIND AIR MONITORING STATION

APRIL 19, 2016

Timestamp (GMT-4)	Mass ($\mu\text{g}/\text{m}^3$)	Mass (Avg15) ($\mu\text{g}/\text{m}^3$)	VOC (ppm)	VOC (Avg15) (ppm)
4/19/2016 18:01	5.7	45.45	0.146	0.14
4/19/2016 18:00	40.9	49.06	0.154	0.1394
4/19/2016 17:59	21.5	49.88	0.215	0.1378
4/19/2016 17:58	22.3	53.03	0.181	0.1281
4/19/2016 17:57	22.3	56.88	0.237	0.1206
4/19/2016 17:56	51.4	61.81	0.176	0.1012
4/19/2016 17:55	24.1	63.55	0.139	0.0862
4/19/2016 17:54	40.9	71.44	0.138	0.073
4/19/2016 17:53	205.5	79.08	0.061	0.0513
4/19/2016 17:52	31.6	36.93	0.067	0.0465
4/19/2016 17:51	52.7	39.6	0.026	0.026
4/19/2016 17:50	26.5	26.5		

DOWNWIND AIR MONITORING STATION**APRIL 19, 2016**

Timestamp (GMT-4)	VOC (ppm)	VOC (Avg15) (ppm)	Mass ($\mu\text{g}/\text{m}^3$)	Mass (Avg15) ($\mu\text{g}/\text{m}^3$)
4/19/2016 21:15	0.729	0.7101	128.9	15.17
4/19/2016 21:14	0.688	0.7131	6.1	8.17
4/19/2016 21:13	0.716	0.7183	3.7	8.03
4/19/2016 21:12	0.711	0.7208	7.1	8.03
4/19/2016 21:11	0.695	0.7241	3.2	7.9
4/19/2016 21:10	0.705	0.7246	33.7	8.01
4/19/2016 21:09	0.706	0.7269	6.5	6.03
4/19/2016 21:08	0.711	0.7303	6.5	6.16
4/19/2016 21:07	0.689	0.7318	4	6.32
4/19/2016 21:06	0.676	0.7346	4.2	6.44
4/19/2016 21:05	0.705	0.7395	4.1	6.35
4/19/2016 21:04	0.688	0.7433	2.9	6.56
4/19/2016 21:03	0.74	0.7465	4.2	8.95
4/19/2016 21:02	0.715	0.7468	6.9	17.53
4/19/2016 21:01	0.778	0.7467	5.5	17.35
4/19/2016 21:00	0.773	0.744	24	17.29
4/19/2016 20:59	0.767	0.7436	3.9	15.96
4/19/2016 20:58	0.753	0.744	3.8	16.01
4/19/2016 20:57	0.76	0.7457	5.1	16.13
4/19/2016 20:56	0.703	0.7469	4.8	16.11
4/19/2016 20:55	0.74	0.7493	4.1	16.52
4/19/2016 20:54	0.756	0.7467	8.4	16.88
4/19/2016 20:53	0.734	0.7431	8.9	16.75
4/19/2016 20:52	0.731	0.7423	5.8	16.39
4/19/2016 20:51	0.75	0.7439	2.8	16.28
4/19/2016 20:50	0.762	0.7443	7.3	16.59
4/19/2016 20:49	0.735	0.7449	38.7	16.58
4/19/2016 20:48	0.745	0.7463	133	14.3
4/19/2016 20:47	0.714	0.7461	4.2	5.79
4/19/2016 20:46	0.737	0.748	4.5	6.43
4/19/2016 20:45	0.767	0.7527	4.1	6.46
4/19/2016 20:44	0.773	0.7583	4.6	6.92
4/19/2016 20:43	0.779	0.7642	5.7	8.86
4/19/2016 20:42	0.778	0.7682	4.7	17.84
4/19/2016 20:41	0.738	0.7721	11	18.01
4/19/2016 20:40	0.701	0.7781	9.5	17.95
4/19/2016 20:39	0.703	0.7836	6.4	17.71
4/19/2016 20:38	0.721	0.7903	3.6	17.73
4/19/2016 20:37	0.755	0.8012	4.1	17.87
4/19/2016 20:36	0.757	0.8091	7.4	18.03
4/19/2016 20:35	0.77	0.8191	7.2	18.53
4/19/2016 20:34	0.756	0.8277	4.5	266.01
4/19/2016 20:33	0.743	0.8351	5.3	267.99
4/19/2016 20:32	0.742	0.8428	13.8	268.11
4/19/2016 20:31	0.807	0.8488	5	267.51
4/19/2016 20:30	0.851	0.8521	11	267.43

DOWNWIND AIR MONITORING STATION**APRIL 19, 2016**

Timestamp (GMT-4)	VOC (ppm)	VOC (Avg15) (ppm)	Mass ($\mu\text{g}/\text{m}^3$)	Mass (Avg15) ($\mu\text{g}/\text{m}^3$)
4/19/2016 20:29	0.862	0.8539	33.7	266.87
4/19/2016 20:28	0.839	0.8539	140.4	265.02
4/19/2016 20:27	0.837	0.8533	7.3	256.74
4/19/2016 20:26	0.828	0.8591	10.1	256.53
4/19/2016 20:25	0.783	0.8595	5.8	256.29
4/19/2016 20:24	0.804	0.8637	6.8	256.27
4/19/2016 20:23	0.884	0.8659	5.7	256.23
4/19/2016 20:22	0.873	0.8646	6.4	274.12
4/19/2016 20:21	0.908	0.8609	15	274.06
4/19/2016 20:20	0.899	0.8537	3719.3	273.39
4/19/2016 20:19	0.866	0.8481	34.3	8.2
4/19/2016 20:18	0.859	0.8428	7.1	6.13
4/19/2016 20:17	0.832	0.8384	4.7	6.02
4/19/2016 20:16	0.856	0.8343	3.9	6.23
4/19/2016 20:15	0.879	0.832	2.6	6.76
4/19/2016 20:14	0.862	0.8295	5.9	15.19
4/19/2016 20:13	0.83	0.8299	16.2	15.16
4/19/2016 20:12	0.923	0.8322	4.1	14.51
4/19/2016 20:11	0.834	0.8265	6.5	14.56
4/19/2016 20:10	0.847	0.8284	5.6	14.51
4/19/2016 20:09	0.837	0.8301	6.1	14.89
4/19/2016 20:08				
4/19/2016 20:07	0.821	0.8329	5.6	14.35
4/19/2016 20:06	0.807	0.8329	5.6	14.51
4/19/2016 20:05	0.821	0.8351	6.6	14.53
4/19/2016 20:04	0.791	0.8368	5.3	14.35
4/19/2016 20:03	0.798	0.8405	5.6	14.51
4/19/2016 20:02	0.774	0.8436	7.6	15.11
4/19/2016 20:01	0.824	0.8485	11.3	15.53
4/19/2016 20:00	0.844	0.8488	120.7	15.51
4/19/2016 19:59	0.867	0.8475	5.4	7.83
4/19/2016 19:58	0.863	0.8429	7.1	7.7
4/19/2016 19:57	0.843	0.8384	4.8	7.54
4/19/2016 19:56	0.861	0.8333	5.8	7.75
4/19/2016 19:55	0.87	0.8289	10.9	8.08
4/19/2016 19:54	0.863	0.8237	8.2	7.8
4/19/2016 19:53	0.846	0.8183	4.8	8.1
4/19/2016 19:52	0.822	0.8161	7.9	8.8
4/19/2016 19:51	0.84	0.8175	5.9	8.61
4/19/2016 19:50	0.846	0.817	4	9.16
4/19/2016 19:49	0.847	0.8141	7.6	10.21
4/19/2016 19:48	0.844	0.8125	14.7	10.39
4/19/2016 19:47	0.847	0.8113	13.9	10.12
4/19/2016 19:46	0.829	0.8103	10.9	9.73
4/19/2016 19:45	0.825	0.8115	5.5	9.68
4/19/2016 19:44	0.798	0.8122	3.5	9.71

DOWNWIND AIR MONITORING STATION**APRIL 19, 2016**

Timestamp (GMT-4)	VOC (ppm)	VOC (Avg15) (ppm)	Mass ($\mu\text{g}/\text{m}^3$)	Mass (Avg15) ($\mu\text{g}/\text{m}^3$)
4/19/2016 19:43	0.795	0.8133	4.7	9.75
4/19/2016 19:42	0.767	0.8117	8	9.85
4/19/2016 19:41	0.795	0.8111	10.7	9.5
4/19/2016 19:40	0.791	0.8115	6.7	9.2
4/19/2016 19:39	0.782	0.8115	12.7	9.05
4/19/2016 19:38	0.814	0.8149	15.3	8.51
4/19/2016 19:37	0.842	0.8143	5.1	7.83
4/19/2016 19:36	0.833	0.8125	14.1	7.88
4/19/2016 19:35	0.802	0.815	19.7	7.21
4/19/2016 19:34	0.824	0.8211	10.3	6.86
4/19/2016 19:33	0.826	0.8255	10.7	6.77
4/19/2016 19:32	0.832	0.8295	8	6.31
4/19/2016 19:31	0.846	0.8323	10.2	6.29
4/19/2016 19:30	0.836	0.8335	5.9	6.11
4/19/2016 19:29	0.814	0.8341	4.2	6.24
4/19/2016 19:28	0.772	0.8371	6.1	6.29
4/19/2016 19:27	0.757	0.8422	2.8	6.14
4/19/2016 19:26	0.801	0.8479	6.2	6.17
4/19/2016 19:25	0.791	0.8502	4.4	6.28
4/19/2016 19:24	0.834	0.8499	4.6	6.61
4/19/2016 19:23	0.805	0.8521	5.1	7.81
4/19/2016 19:22	0.814	0.8529	5.9	8.03
4/19/2016 19:21	0.871	0.852	4	7.89
4/19/2016 19:20	0.894	0.8446	14.5	7.93
4/19/2016 19:19	0.889	0.8351	8.9	7.89
4/19/2016 19:18	0.886	0.8346	3.9	7.71
4/19/2016 19:17	0.875	0.8345	7.6	11.74
4/19/2016 19:16	0.863	0.8336	7.5	11.7
4/19/2016 19:15	0.846	0.8313	7.9	11.65
4/19/2016 19:14	0.859	0.8279	4.9	11.47
4/19/2016 19:13	0.848	0.8254	3.9	11.47
4/19/2016 19:12	0.842	0.8219	3.3	11.56
4/19/2016 19:11	0.836	0.8177	7.8	11.63
4/19/2016 19:10	0.786	0.8144	9.3	11.34
4/19/2016 19:09	0.868	0.8171	22.7	14.51
4/19/2016 19:08	0.816	0.8103	8.4	13.27
4/19/2016 19:07	0.801	0.8118	3.8	13.11
4/19/2016 19:06	0.76	0.8137	4.6	13.16
4/19/2016 19:05	0.752	0.8207	13.9	13.12
4/19/2016 19:04	0.881	0.8273	6.2	12.74
4/19/2016 19:03	0.885	0.8245	64.3	12.83
4/19/2016 19:02	0.861	0.8225	7	9.2
4/19/2016 19:01	0.829	0.8223	6.8	9.79
4/19/2016 19:00	0.794	0.8247	5.2	12.33
4/19/2016 18:59	0.822	0.8278	4.9	12.36
4/19/2016 18:58	0.795	0.8285	5.2	12.45

DOWNWIND AIR MONITORING STATION**APRIL 19, 2016**

Timestamp (GMT-4)	VOC (ppm)	VOC (Avg15) (ppm)	Mass ($\mu\text{g}/\text{m}^3$)	Mass (Avg15) ($\mu\text{g}/\text{m}^3$)
4/19/2016 18:57	0.779	0.8317	4.3	12.43
4/19/2016 18:56	0.787	0.8393	3.5	12.5
4/19/2016 18:55	0.826	0.8449	56.8	13.13
4/19/2016 18:54	0.766	0.8488	4.1	9.63
4/19/2016 18:53	0.839	0.8573	6	9.72
4/19/2016 18:52	0.829	0.8601	4.6	9.91
4/19/2016 18:51	0.866	0.8635	4	14.07
4/19/2016 18:50	0.851	0.8647	8.2	15.65
4/19/2016 18:49	0.839	0.8663	7.5	15.39
4/19/2016 18:48	0.854	0.8669	9.9	15.52
4/19/2016 18:47	0.858	0.8657	15.8	15.15
4/19/2016 18:46	0.865	0.8658	44.9	14.59
4/19/2016 18:45	0.841	0.8651	5.7	14.77
4/19/2016 18:44	0.833	0.865	6.2	14.79
4/19/2016 18:43	0.842	0.8649	4.9	14.7
4/19/2016 18:42	0.894	0.8628	5.4	14.74
4/19/2016 18:41	0.871	0.8563	12.9	15
4/19/2016 18:40	0.884	0.8497	4.3	14.69
4/19/2016 18:39	0.894	0.8439	5.5	14.83
4/19/2016 18:38	0.88	0.841	8.9	15.52
4/19/2016 18:37	0.88	0.8379	66.9	17.45
4/19/2016 18:36	0.885	0.8337	27.7	13.93
4/19/2016 18:35	0.875	0.8277	4.4	12.83
4/19/2016 18:34	0.847	0.8202	9.4	12.89
4/19/2016 18:33	0.836	0.8145	4.4	13.05
4/19/2016 18:32	0.86	0.8125	7.3	15.74
4/19/2016 18:31	0.854	0.8099	47.7	15.74
4/19/2016 18:30	0.84	0.8067	5.9	12.89
4/19/2016 18:29	0.832	0.8059	4.9	12.87
4/19/2016 18:28	0.81	0.8045	5.5	12.89
4/19/2016 18:27	0.797	0.8032	9.3	13.04
4/19/2016 18:26	0.772	0.7994	8.3	12.83
4/19/2016 18:25	0.796	0.8019	6.4	13.55
4/19/2016 18:24	0.851	0.8014	15.8	13.74
4/19/2016 18:23	0.834	0.7953	37.8	13.17
4/19/2016 18:22	0.817	0.7941	14.2	11.31
4/19/2016 18:21	0.794	0.7878	11.1	11.31
4/19/2016 18:20	0.763	0.7841	5.3	11.05
4/19/2016 18:19	0.762	0.7863	11.8	11.74
4/19/2016 18:18	0.805	0.789	44.8	11.6
4/19/2016 18:17	0.822	0.7855	7.3	10.01
4/19/2016 18:16	0.805	0.7847	5	10.43
4/19/2016 18:15	0.828	0.7811	5.6	10.55
4/19/2016 18:14	0.812	0.7773	5.1	11.41
4/19/2016 18:13	0.79	0.7732	7.8	11.58
4/19/2016 18:12	0.74	0.7709	6.1	11.39

DOWNWIND AIR MONITORING STATION**APRIL 19, 2016**

Timestamp (GMT-4)	VOC (ppm)	VOC (Avg15) (ppm)	Mass ($\mu\text{g}/\text{m}^3$)	Mass (Avg15) ($\mu\text{g}/\text{m}^3$)
4/19/2016 18:11	0.81	0.7702	19.1	11.75
4/19/2016 18:10	0.788	0.7647	9.3	11.12
4/19/2016 18:09	0.759	0.7559	7.2	11.31
4/19/2016 18:08	0.816	0.7501	9.9	11.79
4/19/2016 18:07	0.723	0.7392	14.3	12.19
4/19/2016 18:06	0.738	0.7311	7.1	13.91
4/19/2016 18:05	0.797	0.8491	15.7	18.62
4/19/2016 18:04	0.802	0.966	9.7	18.42
4/19/2016 18:03	0.752	1.0849	21	17.98
4/19/2016 18:02	0.811	1.1086	13.5	16.87
4/19/2016 18:01	0.751	1.2399	6.9	16.37
4/19/2016 18:00	0.771	1.3789	18.5	16.37
4/19/2016 17:59	0.75	1.5199	7.6	15.46
4/19/2016 17:58	0.755	1.6682	5	15.43
4/19/2016 17:57	0.73	1.8189	11.5	15.61
4/19/2016 17:56	0.727	1.9755	9.6	15.32
4/19/2016 17:55	0.656	2.1359	12.1	15.5
4/19/2016 17:54	0.672	2.3059	14.4	15.13
4/19/2016 17:53	0.653	2.4796	15.9	14.78
4/19/2016 17:52	0.602	2.6586	40.2	14.06
4/19/2016 17:51	2.507	2.8454	77.7	11.92
4/19/2016 17:50	2.551	2.9014	12.7	7.53
4/19/2016 17:49	2.585	2.9284	3.1	7.01
4/19/2016 17:48			4.4	7.11
4/19/2016 17:47	2.649	2.957	5.9	7.31
4/19/2016 17:46	2.696	2.985	6.9	7.42
4/19/2016 17:45	2.745	3.0139	4.9	7.46
4/19/2016 17:44	2.827	3.0438	7.1	7.69
4/19/2016 17:43	2.864	3.0709	7.7	7.75
4/19/2016 17:42	2.923	3.1004	7.2	7.76
4/19/2016 17:41	2.972	3.13	12.3	7.83
4/19/2016 17:40	3.037	3.1616	6.6	7.19
4/19/2016 17:39	3.103	3.1927	9.1	7.28
4/19/2016 17:38	3.16	3.2227	5.1	6.92
4/19/2016 17:37	3.217	3.254	8.1	7.38
4/19/2016 17:36	3.291	3.291	11.8	7.13
4/19/2016 17:35			5	4.8
4/19/2016 17:34			4.6	4.6