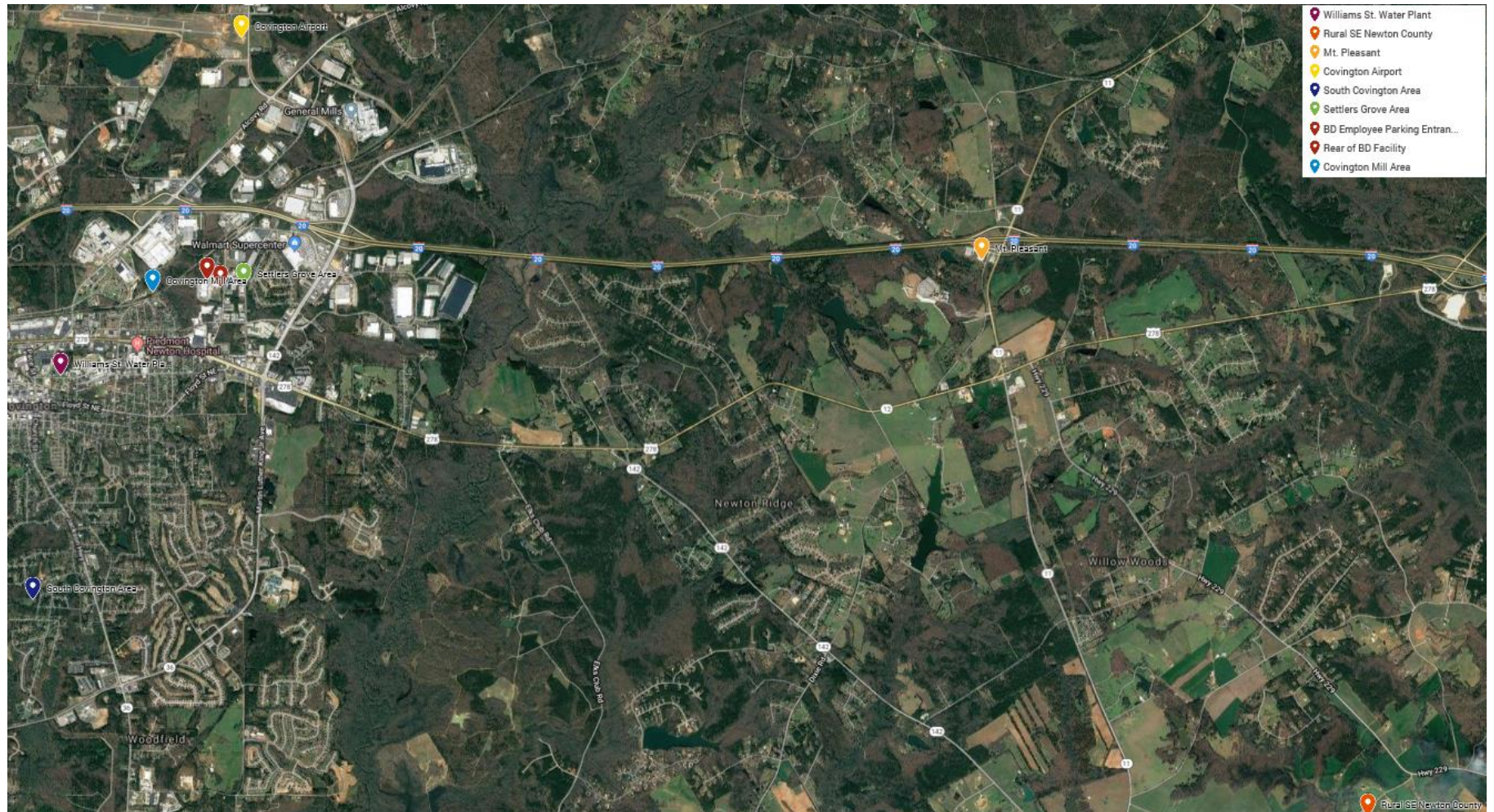


City of Covington Ethylene Oxide Ambient Monitoring Sampling Locations



Summary of Ethylene Oxide Ambient Monitoring Data - City of Covington, Georgia
Collected from 9/17/2019 through 9/24/2019

Location ID	Sample Location	Montrose Sample ID	Sample Start	Sample End	Result	
					ppbv	ug/m3
1	Rear of BD Facility	641120-1-P-20190917	9/17/2019	9/18/2019	0.715	1.29
1	Rear of BD Facility	641120-1-P-20190918	9/18/2019	9/19/2019	0.220	0.396
1	Rear of BD Facility	641120-1-P-20190919	9/19/2019	9/20/2019	0.168	0.302
1	Rear of BD Facility	641120-1-P-20190920	9/20/2019	9/21/2019	0.604	1.09
1	Rear of BD Facility	641120-1-P-20190921	9/21/2019	9/22/2019	1.87	3.37
1	Rear of BD Facility	641120-1-P-20190922	9/22/2019	9/23/2019	6.85	12.3
1	Rear of BD Facility	641120-1-P-20190923	9/23/2019	9/24/2019	1.61	2.90
1	Rear of BD Facility (ERG)	641120-1-P-20190923	9/23/2019	9/24/2019	0.851	1.54
2	BD Employee Parking Entrance	641120-2-P-20190917	9/17/2019	9/18/2019	5.51	9.92
2	BD Employee Parking Entrance (ERG)	641120-2-E-20190917	9/17/2019	9/18/2019	3.53	6.39
2	BD Employee Parking Entrance	641120-2-P-20190918	9/18/2019	9/19/2019	0.122	0.220
2	BD Employee Parking Entrance	641120-2-P-20190919	9/19/2019	9/20/2019	0.0885	0.160
2	BD Employee Parking Entrance	641120-2-P-20190920	9/20/2019	9/21/2019	0.109	0.197
2	BD Employee Parking Entrance	641120-2-P-20190921	9/21/2019	9/22/2019	0.305	0.549
2	BD Employee Parking Entrance	641120-2-P-20190922	9/22/2019	9/23/2019	6.68	12.0
2	BD Employee Parking Entrance	641120-2-P-20190923	9/23/2019	9/24/2019	3.06	5.51
3	Settlers Grove Area	641120-3-P-20190917	9/17/2019	9/18/2019	7.65	13.8
3	Settlers Grove Area (Duplicate)	641120-3-D-20190917	9/17/2019	9/18/2019	6.94	12.5
3	Settlers Grove Area	641120-3-P-20190918	9/18/2019	9/19/2019	<0.0172	<0.0310
3	Settlers Grove Area (ERG)	641120-3-P-20190918	9/18/2019	9/19/2019	0.194	0.351
3	Settlers Grove Area	641120-3-P-20190919	9/19/2019	9/20/2019	0.105	0.189
3	Settlers Grove Area	641120-3-P-20190920	9/20/2019	9/21/2019	0.103	0.186
3	Settlers Grove Area	641120-3-P-20190921	9/21/2019	9/22/2019	0.321	0.578
3	Settlers Grove Area	641120-3-P-20190922	9/22/2019	9/23/2019	4.69	8.45
3	Settlers Grove Area	641120-3-P-20190923	9/23/2019	9/24/2019	2.95	5.31
4	Covington Mill Area	641120-4-P-20190917	9/17/2019	9/18/2019	3.05	5.50
4	Covington Mill Area	641120-4-P-20190918	9/18/2019	9/19/2019	0.649	1.17
4	Covington Mill Area	641120-4-P-20190919	9/19/2019	9/20/2019	0.328	0.592
4	Covington Mill Area (ERG)	641120-4-P-20190919	9/19/2019	9/20/2019	0.0567	1.03
4	Covington Mill Area	641120-4-P-20190920	9/20/2019	9/21/2019	5.35	9.64
4	Covington Mill Area (Duplicate)	641120-4-D-20190920	9/20/2019	9/21/2019	5.30	9.54
4	Covington Mill Area	641120-4-P-20190921	9/21/2019	9/22/2019	7.06	12.7
4	Covington Mill Area	641120-4-P-20190922	9/22/2019	9/23/2019	8.51	15.3
4	Covington Mill Area (ERG)	641120-4-P-20190922	9/22/2019	9/23/2019	5.66	10.2

(Duplicate) = Duplicate Sample Analyzed by Enthalpy

(ERG) = Duplicate Sample Analyzed by Eastern Research Group Laboratory

Summary of Ethylene Oxide Ambient Monitoring Data - City of Covington, Georgia
Collected from 9/17/2019 through 9/24/2019

Location ID	Sample Location	Montrose Sample ID	Sample Start	Sample End	Result	
					ppbv	ug/m3
4	Covington Mill Area	641120-4-P-20190923	9/23/2019	9/24/2019	0.142	0.255
5	Williams Street Water Plant	641120-5-P-20190917	9/17/2019	9/18/2019	0.240	0.432
5	Williams Street Water Plant	641120-5-P-20190918	9/18/2019	9/19/2019	0.620	1.12
5	Williams Street Water Plant	641120-5-P-20190919	9/19/2019	9/20/2019	1.01	1.83
5	Williams Street Water Plant	641120-5-P-20190920	9/20/2019	9/21/2019	0.623	1.12
5	Williams Street Water Plant	641120-5-P-20190921	9/21/2019	9/22/2019	1.23	2.21
5	Williams Street Water Plant	641120-5-P-20190922	9/22/2019	9/23/2019	0.825	1.49
5	Williams Street Water Plant	641120-5-P-20190923	9/23/2019	9/24/2019	0.162	0.291
6	Mount Pleasant	641120-6-P-20190917	9/17/2019	9/18/2019	0.108	0.195
6	Mount Pleasant (ERG)	641120-6-P-20190917	9/17/2019	9/18/2019	0.254	0.460
6	Mount Pleasant	641120-6-P-20190918	9/18/2019	9/19/2019	0.785	1.41
6	Mount Pleasant	641120-6-P-20190919	9/19/2019	9/20/2019	0.0829	0.149
6	Mount Pleasant	641120-6-P-20190920	9/20/2019	9/21/2019	0.0654	0.118
6	Mount Pleasant	641120-6-P-20190921	9/21/2019	9/22/2019	0.0831	0.150
6	Mount Pleasant	641120-6-P-20190922	9/22/2019	9/23/2019	0.113	0.203
6	Mount Pleasant	641120-6-P-20190923	9/23/2019	9/24/2019	0.206	0.371
7	Covington Airport	641120-7-P-20190917	9/17/2019	9/18/2019	0.0890	0.160
7	Covington Airport	641120-7-P-20190918	9/18/2019	9/19/2019	0.0721	0.130
7	Covington Airport (ERG)	641120-7-P-20190918	9/18/2019	9/19/2019	<0.614	<0.111
7	Covington Airport	641120-7-P-20190919	9/19/2019	9/20/2019	0.0865	0.156
7	Covington Airport	641120-7-P-20190920	9/20/2019	9/21/2019	0.0680	0.123
7	Covington Airport	641120-7-P-20190921	9/21/2019	9/22/2019	0.151	0.273
7	Covington Airport	641120-7-P-20190922	9/22/2019	9/23/2019	0.138	0.248
7	Covington Airport	641120-7-P-20190923	9/23/2019	9/24/2019	0.0790	0.142
8	Rural SE Newton County	641120-8-P-20190917	9/17/2019	9/18/2019	0.120	0.216
8	Rural SE Newton County	641120-8-P-20190918	9/18/2019	9/19/2019	0.0734	0.132
8	Rural SE Newton County	641120-38-P-20190919	9/19/2019	9/20/2019	0.0917	0.165
8	Rural SE Newton County	641120-8-P-20190920	9/20/2019	9/21/2019	0.0906	0.163
8	Rural SE Newton County	641120-8-P-20190921	9/21/2019	9/22/2019	0.0781	0.141
8	Rural SE Newton County	641120-8-P-20190922	9/22/2019	9/23/2019	0.0653	0.118
8	Rural SE Newton County	641120-8-P-20190923	9/23/2019	9/24/2019	0.346	0.624
9	South Covington Area	641120-9-P-20190917	9/17/2019	9/18/2019	0.122	0.219
9	South Covington Area	641120-9-P-20190918	9/18/2019	9/19/2019	0.118	0.212
9	South Covington Area	641120-9-P-20190919	9/19/2019	9/20/2019	0.106	0.192

(Duplicate) = Duplicate Sample Analyzed by Enthalpy

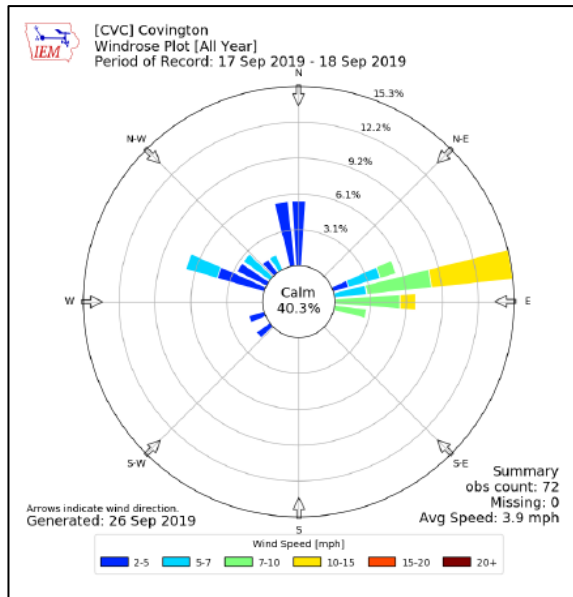
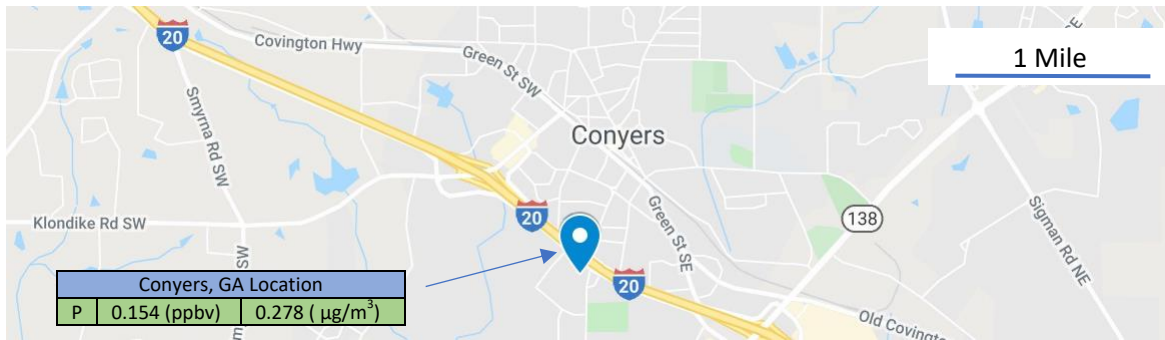
(ERG) = Duplicate Sample Analyzed by Eastern Research Group Laboratory

Summary of Ethylene Oxide Ambient Monitoring Data - City of Covington, Georgia
Collected from 9/17/2019 through 9/24/2019

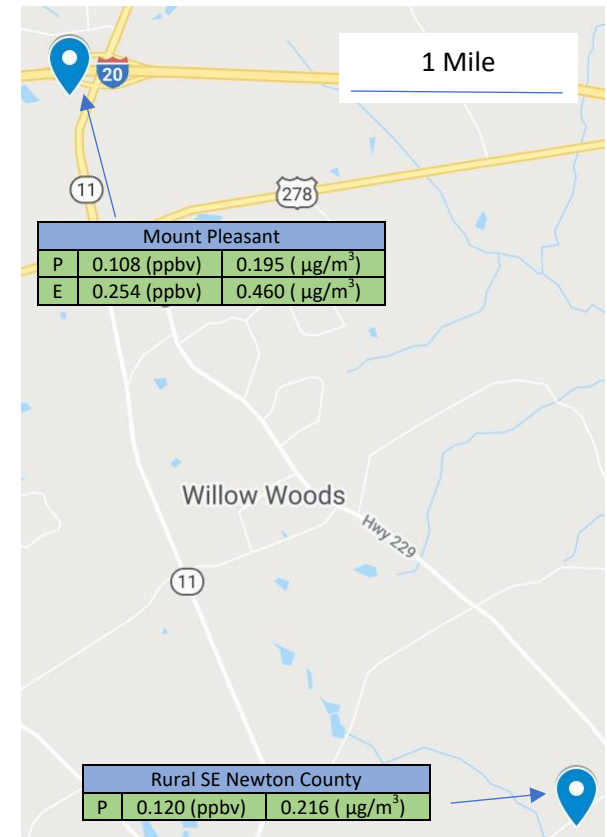
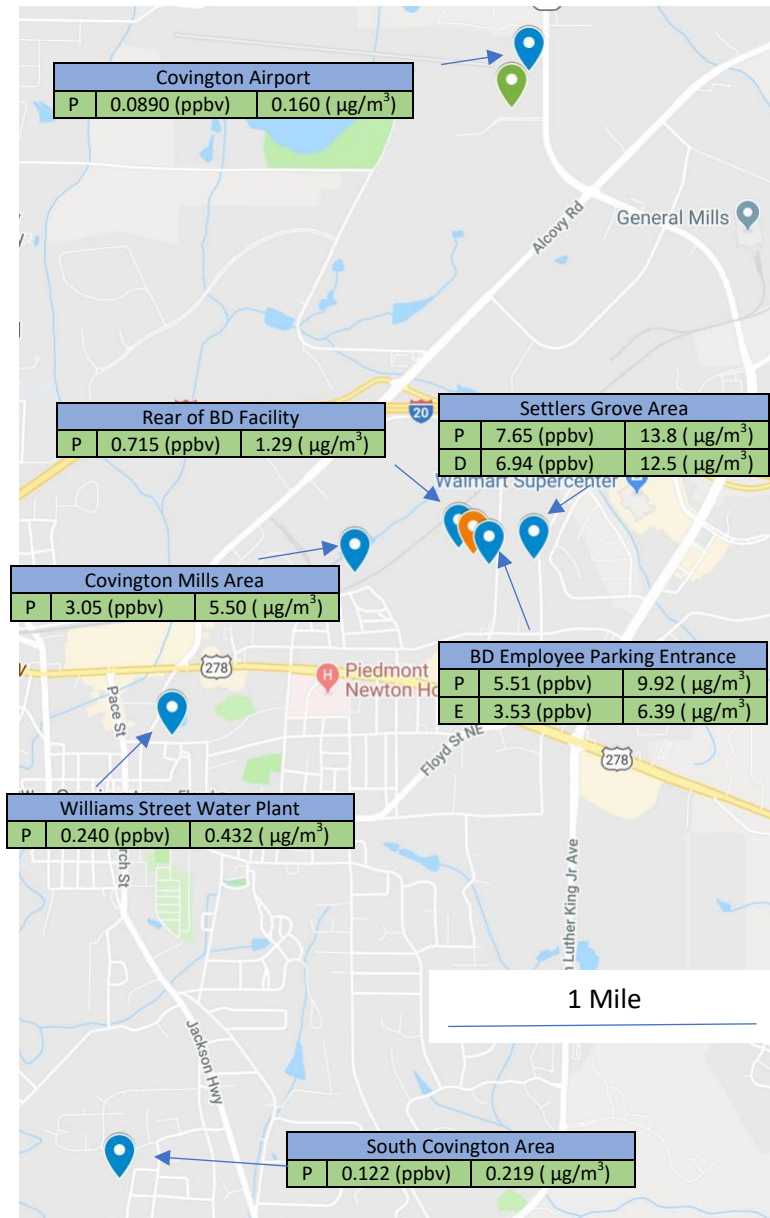
Location ID	Sample Location	Montrose Sample ID	Sample Start	Sample End	Result	
					ppbv	ug/m3
9	South Covington Area	641120-9-P-20190920	9/20/2019	9/21/2019	0.197	0.356
9	South Covington Area (ERG)	641120-9-P-20190920	9/20/2019	9/21/2019	<0.0614	<0.111
9	South Covington Area	641120-9-P-20190921	9/21/2019	9/22/2019	0.259	0.466
9	South Covington Area	641120-9-P-20190922	9/22/2019	9/23/2019	0.199	0.359
9	South Covington Area	641120-9-P-20190923	9/23/2019	9/24/2019	0.0724	0.130
10	Conyers, GA Location	641120-10-P-20190917	9/17/2019	9/18/2019	0.154	0.278
10	Conyers, GA Location	641120-10-P-20190918	9/18/2019	9/19/2019	0.0890	0.160
10	Conyers, GA Location	641120-10-P-20190919	9/19/2019	9/20/2019	0.165	0.297
10	Conyers, GA Location	641120-10-P-20190920	9/20/2019	9/21/2019	0.107	0.192
10	Conyers, GA Location	641120-10-P-20190921	9/21/2019	9/22/2019	0.0878	0.158
10	Conyers, GA Location	641120-10-P-20190922	9/22/2019	9/23/2019	0.119	0.214
10	Conyers, GA Location	641120-10-P-20190922	9/22/2019	9/23/2019	0.117	0.212
10	Conyers, GA Location	641120-10-P-20190923	9/23/2019	9/24/2019	0.0908	0.164
11	EPD South DeKalb Monitoring Site	641120-11-P-20190919	9/19/2019	9/20/2019	0.0800	0.144

(Duplicate) = Duplicate Sample Analyzed by Enthalpy

(ERG) = Duplicate Sample Analyzed by Eastern Research Group Laboratory



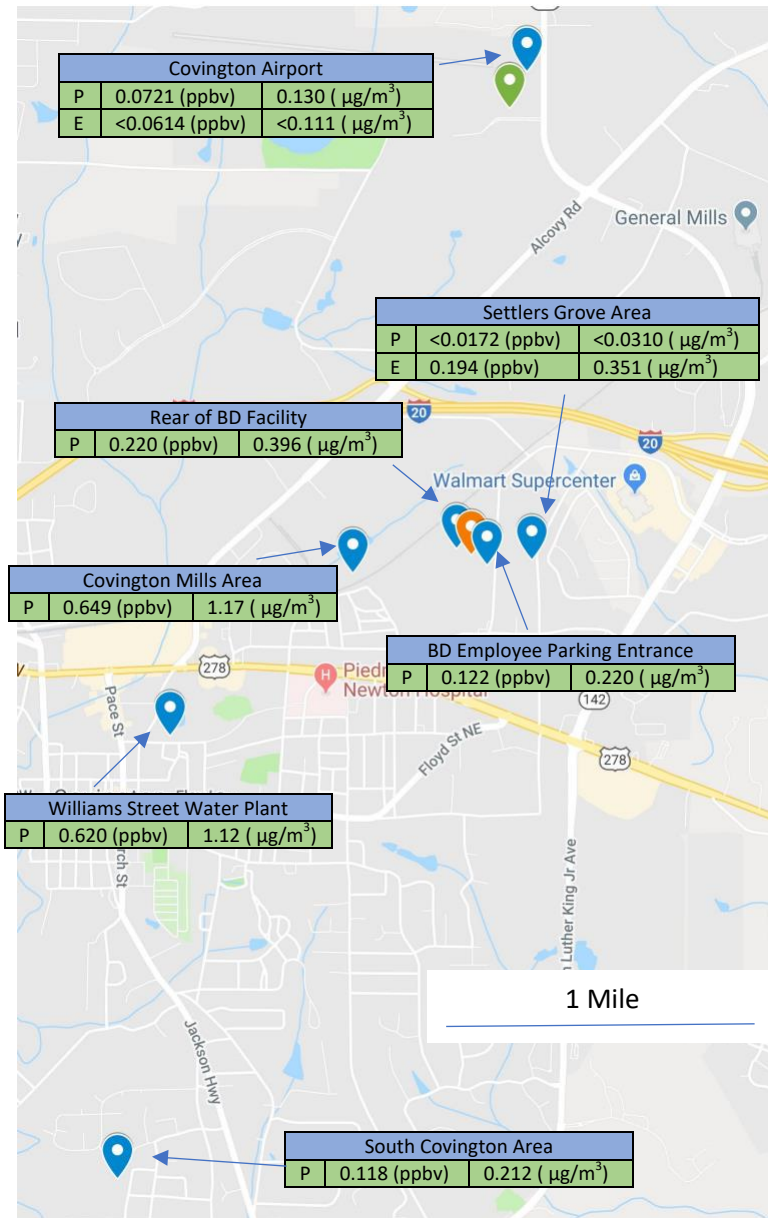
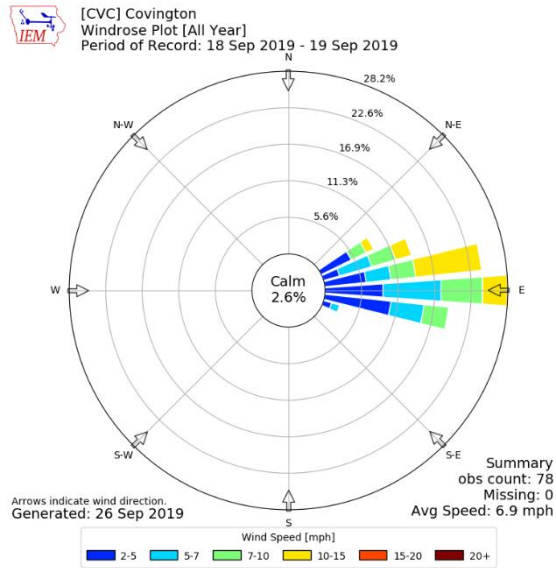
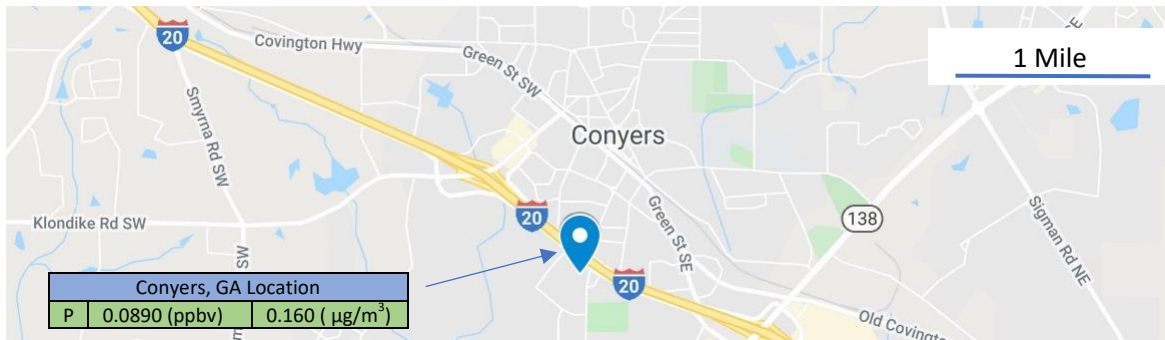
Sampling Period
Tuesday, September 17, 2019 11:13 AM
THROUGH
Wednesday, September 18, 2019 2:45 PM



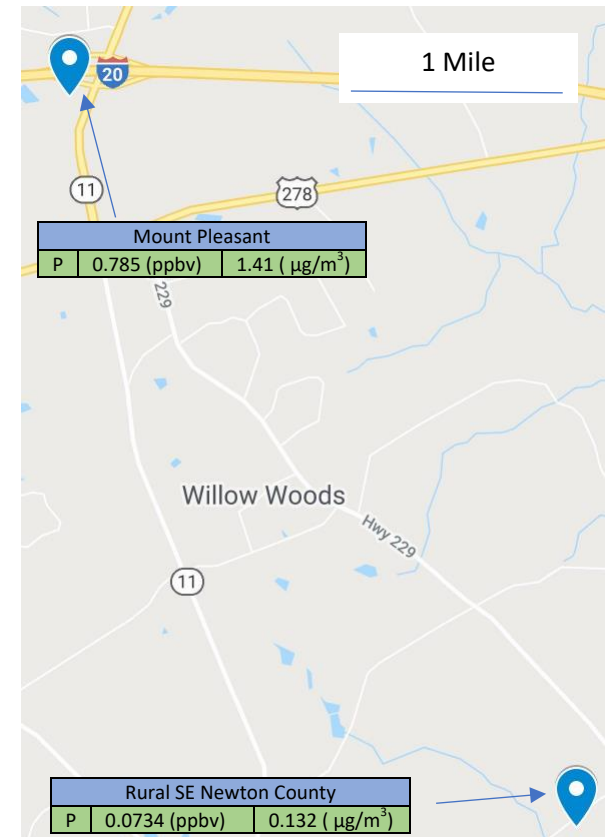
Sampling Location	
Sample Type	Concentration ppbv $\mu\text{g}/\text{m}^3$

- Legend
- Air Sample Location
 - Weather Station
 - Facility
 - P Primary Sample
 - D Duplicate Sample
 - E ERG Analyzed Duplicate





Sampling Period
Wednesday, September 18, 2019 11:06 AM
THROUGH
Thursday, September 19, 2019 1:45 PM



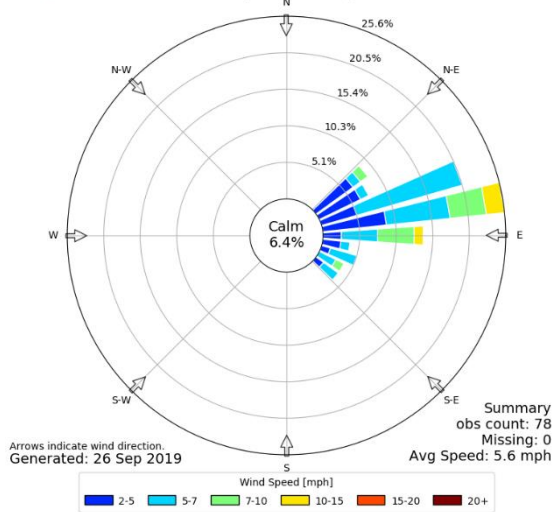
Sampling Location	
Sample Type	Concentration ppbv $\mu\text{g}/\text{m}^3$

- Legend**
- Air Sample Location
 - Weather Station
 - Facility
 - P Primary Sample
 - D Duplicate Sample
 - E ERG Analyzed Duplicate

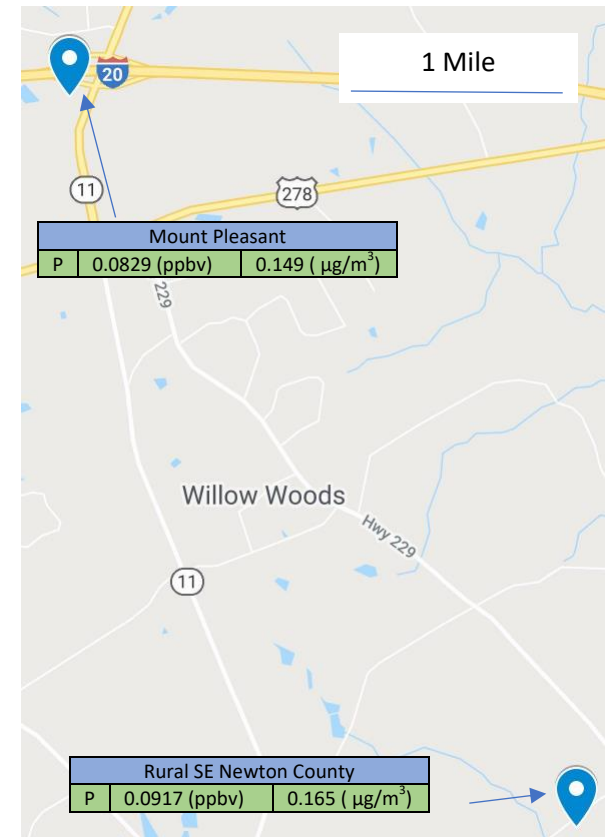
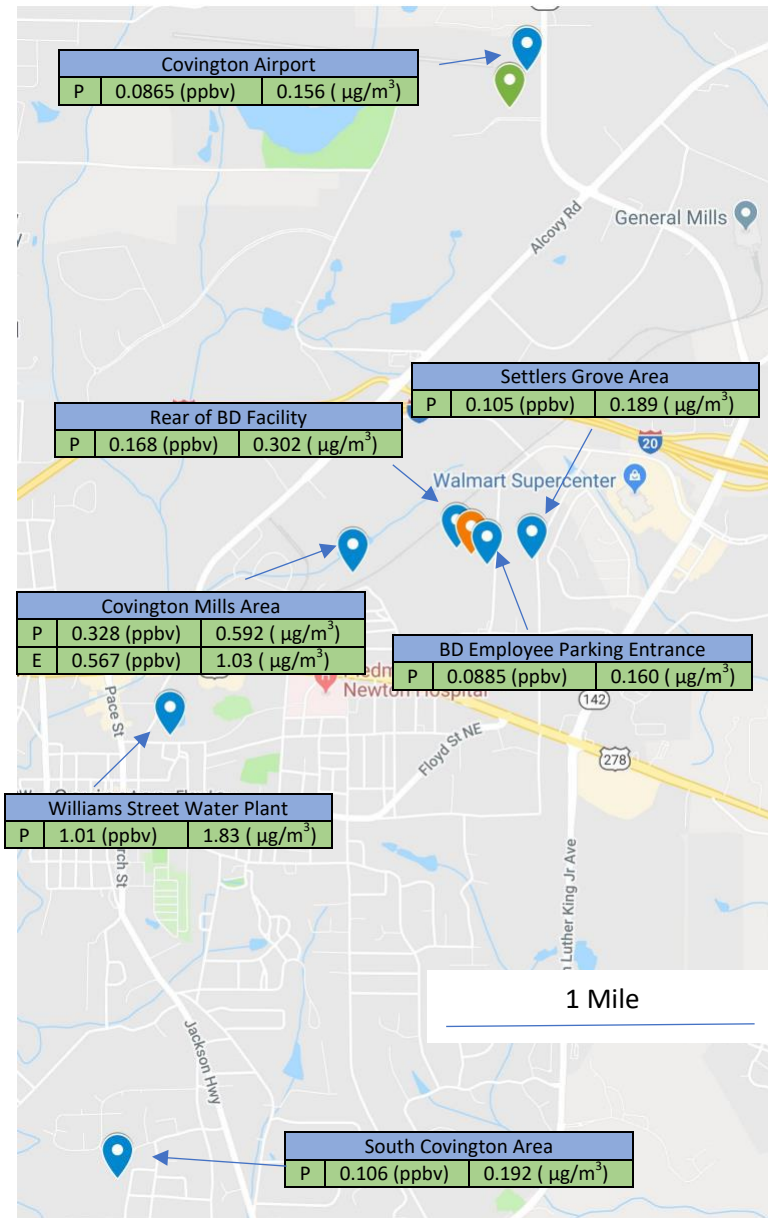




[CVC] Covington
Windrose Plot [All Year]
Period of Record: 19 Sep 2019 - 20 Sep 2019



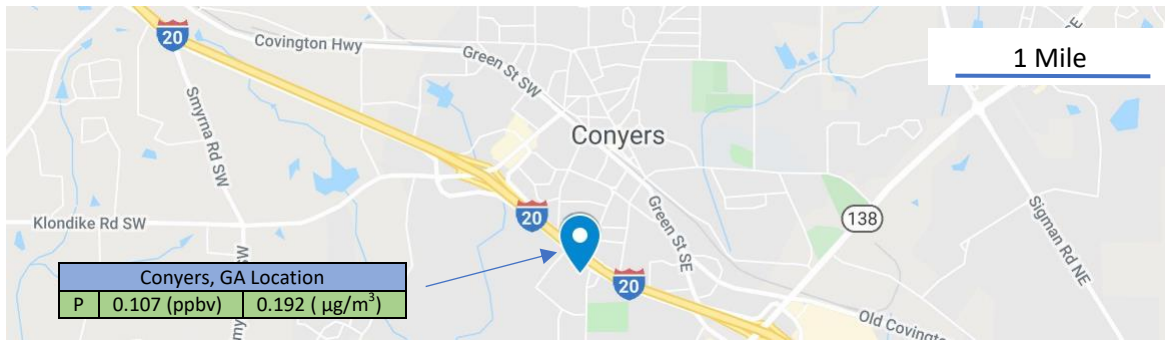
Sampling Period
Thursday, September 19, 2019 10:54 AM
THROUGH
Friday, September 20, 2019 3:00 PM



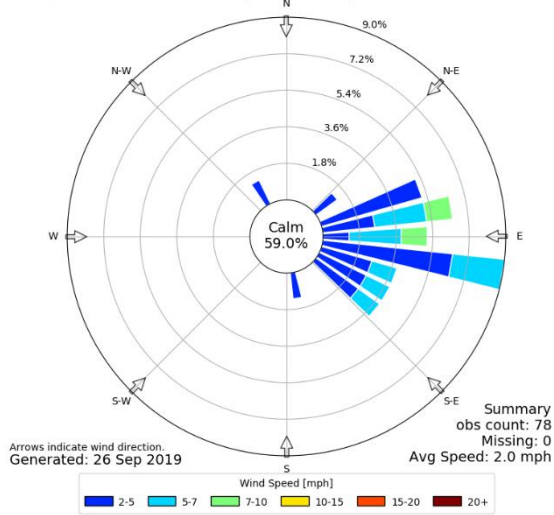
Sampling Location	
Sample Type	Concentration ppbv $\mu\text{g}/\text{m}^3$

- Legend
- Air Sample Location
 - Weather Station
 - Facility
 - P Primary Sample
 - D Duplicate Sample
 - E ERG Analyzed Duplicate

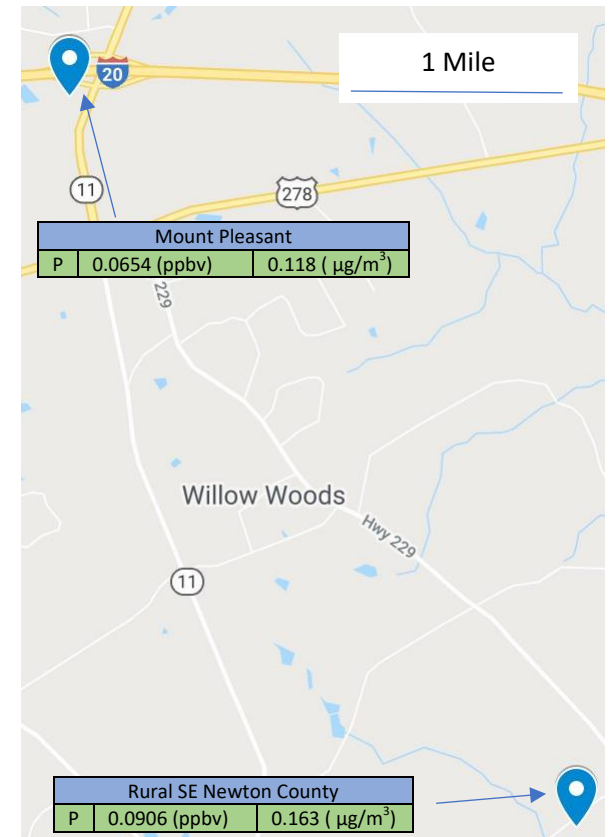
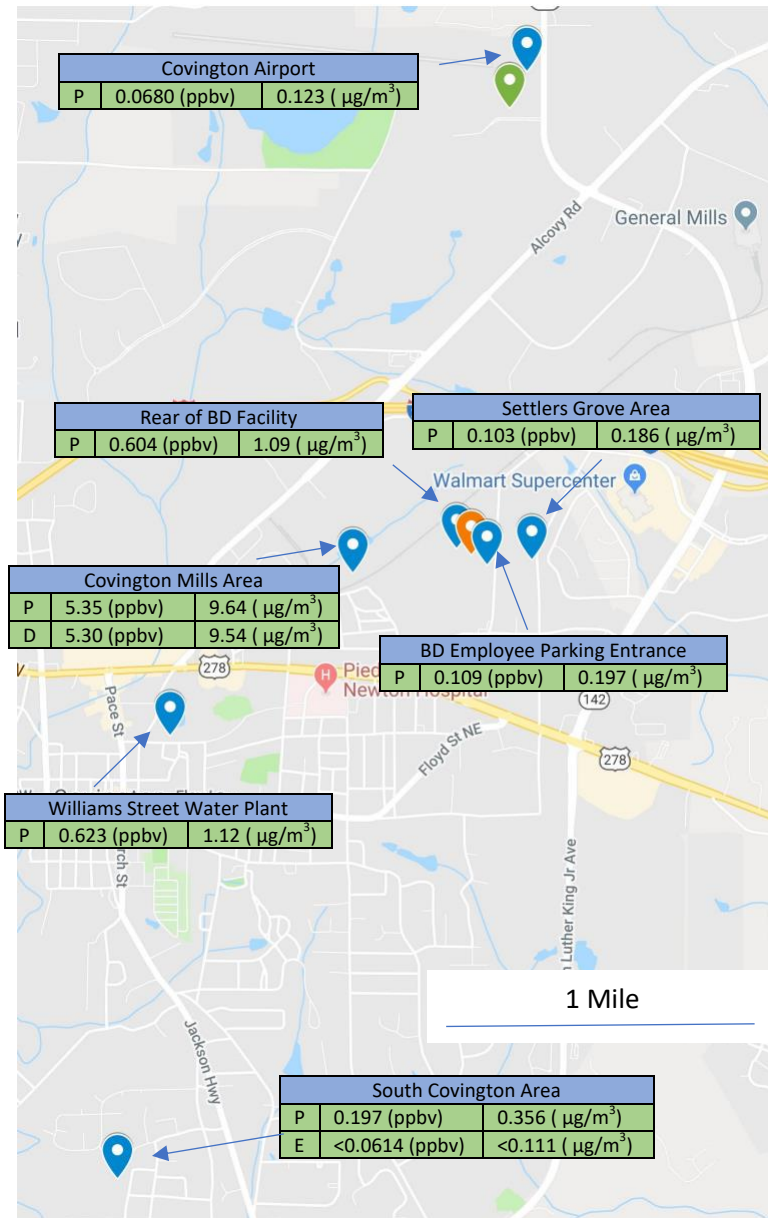




[CVC] Covington
Windrose Plot [All Year]
Period of Record: 20 Sep 2019 - 21 Sep 2019



Sampling Period
Friday, September 20, 2019 10:55 AM
THROUGH
Saturday, September 21, 2019 1:41 PM



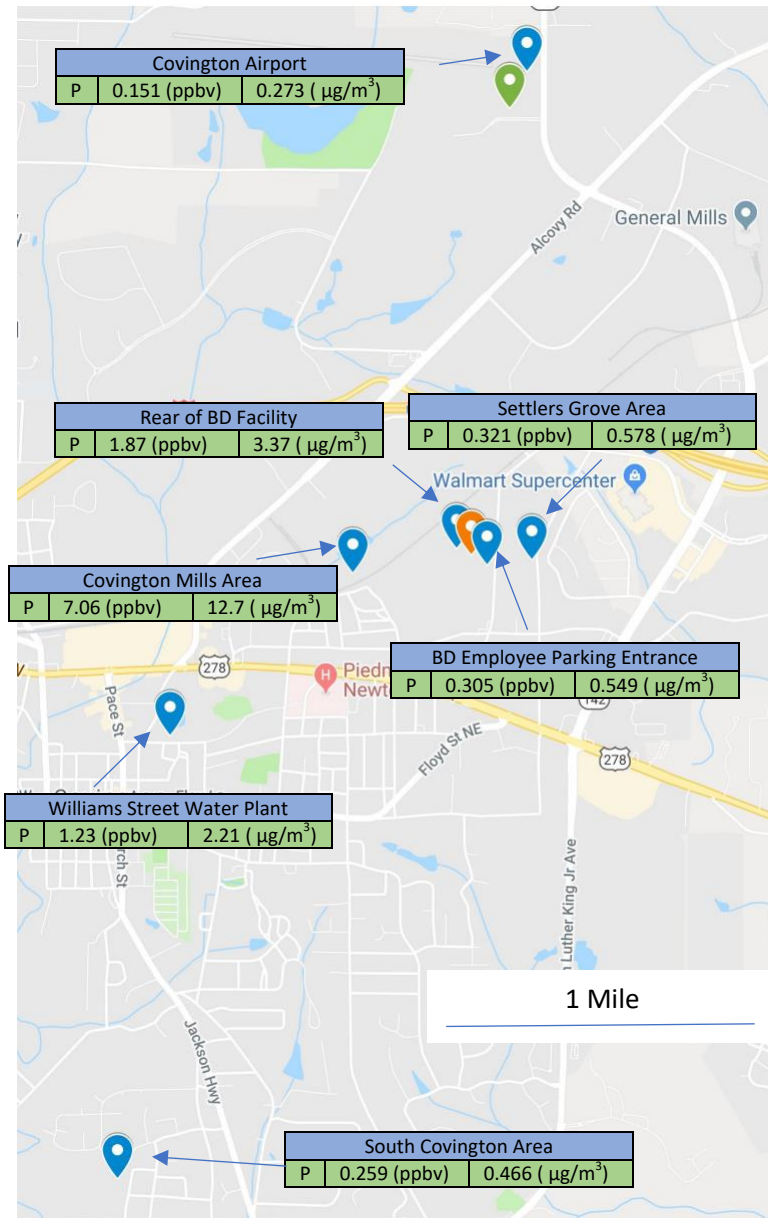
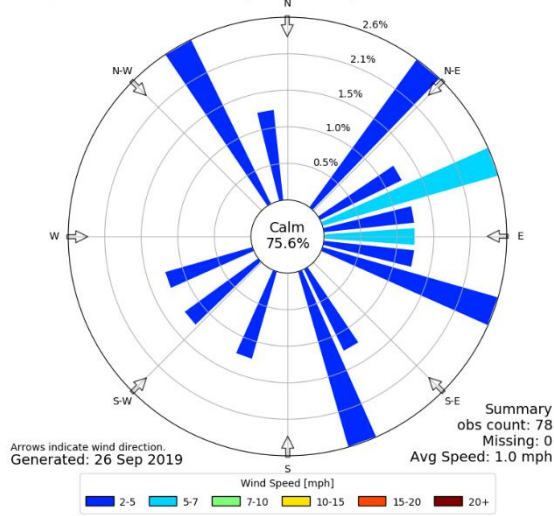
Sampling Location	
Sample Type	Concentration ppbv $\mu\text{g}/\text{m}^3$

- Legend
- Air Sample Location
 - Weather Station
 - Facility
 - P Primary Sample
 - D Duplicate Sample
 - E ERG Analyzed Duplicate

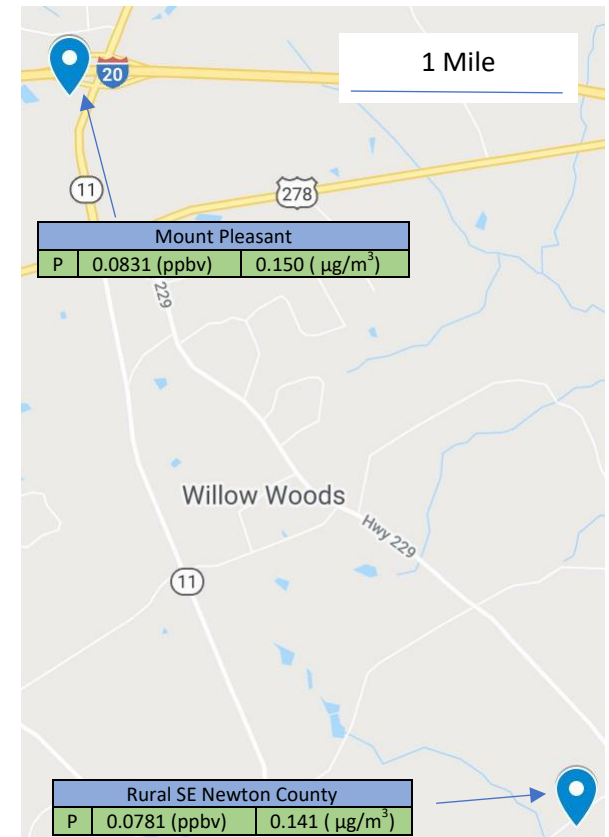




[CVC] Covington
Windrose Plot [All Year]
Period of Record: 21 Sep 2019 - 22 Sep 2019



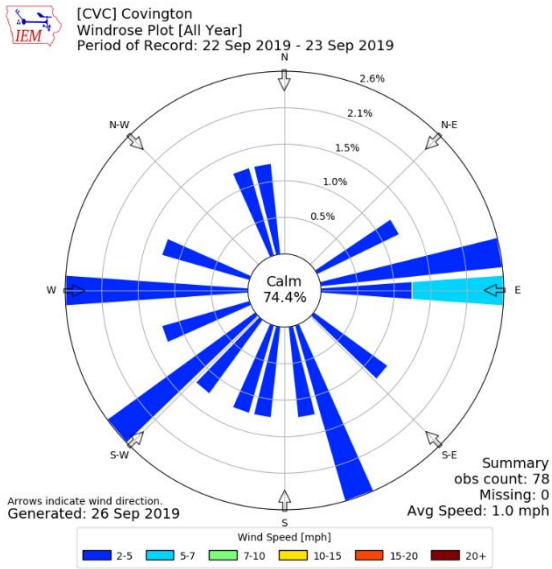
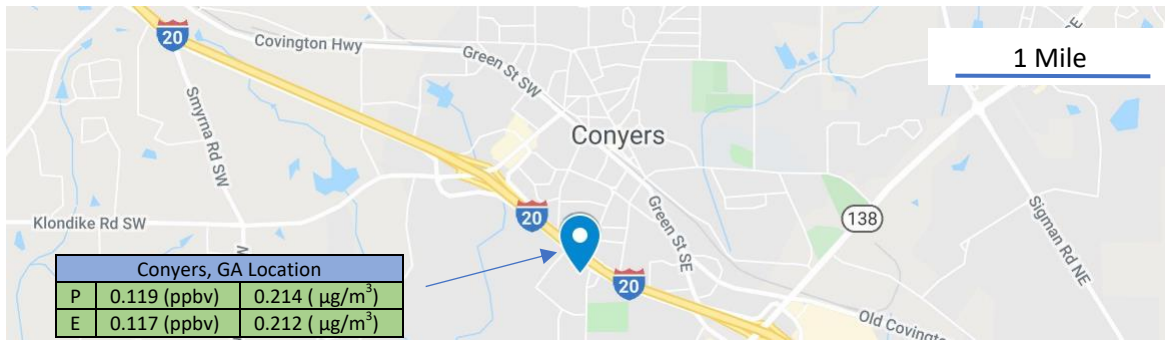
Sampling Period
Saturday, September 21, 2019 10:20 AM
THROUGH
Sunday, September 22, 2019 1:50 PM



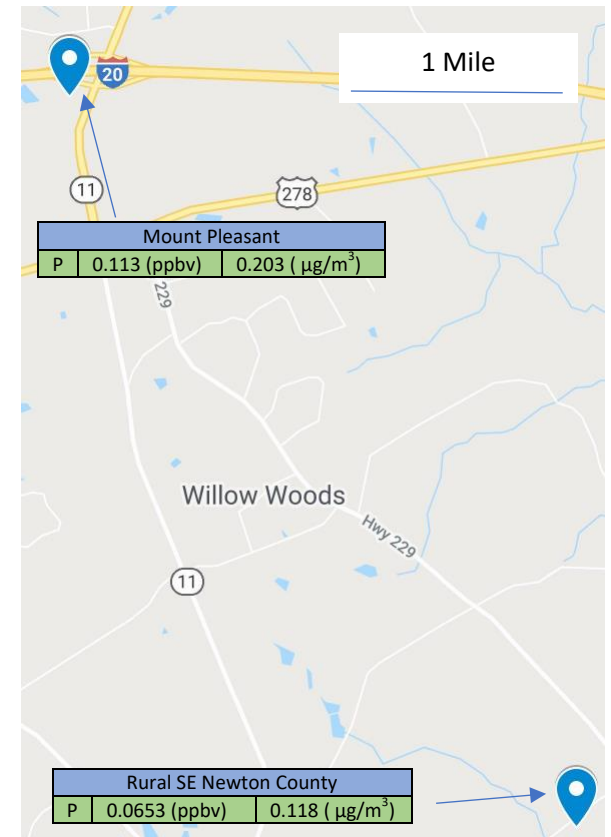
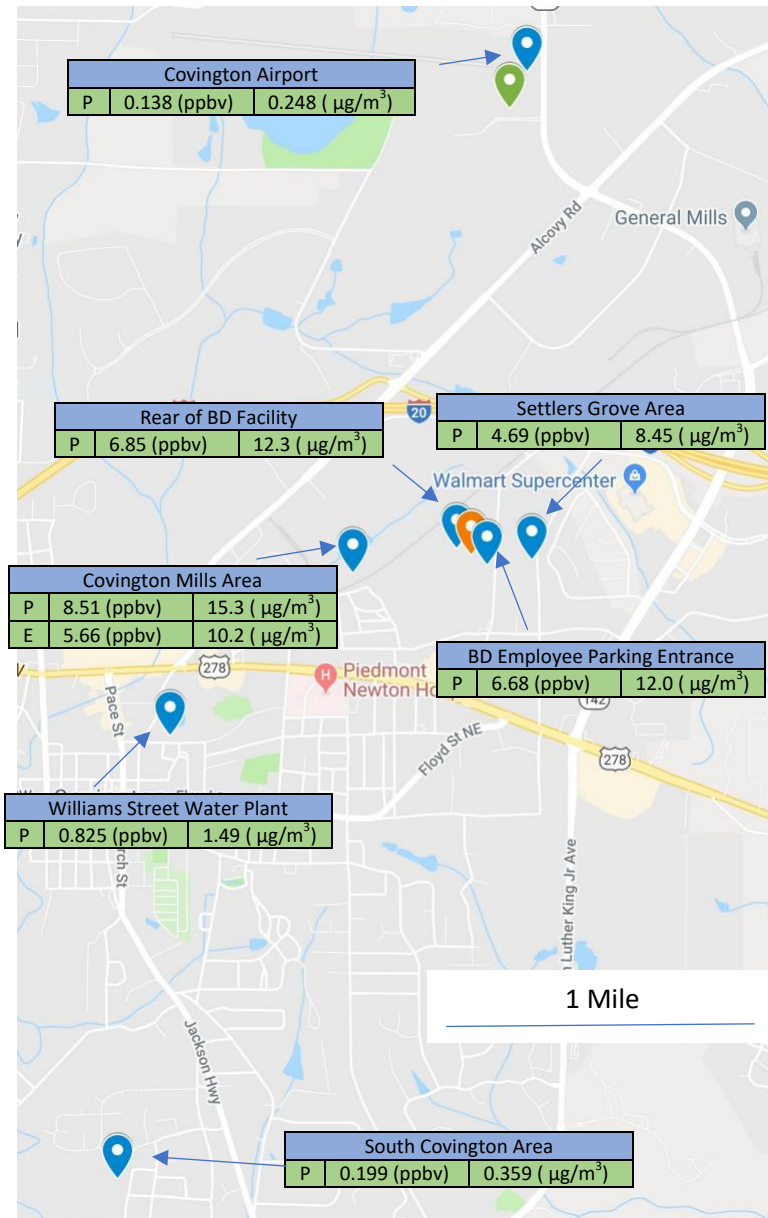
Sampling Location		
Sample Type	Concentration ppbv $\mu\text{g}/\text{m}^3$	

- Legend
- Air Sample Location
 - Weather Station
 - Facility
 - P Primary Sample
 - D Duplicate Sample
 - E ERG Analyzed Duplicate





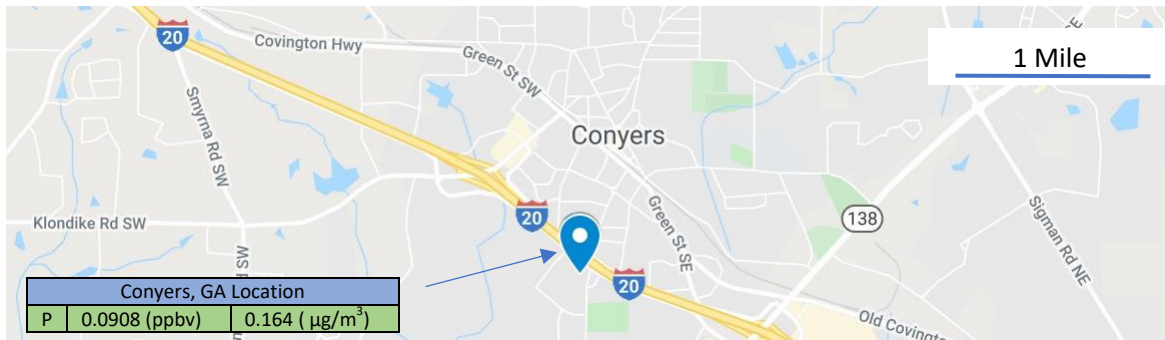
Sampling Period
Sunday, September 22, 2019 10:17 AM
THROUGH
Monday, September 23, 2019 3:27 PM



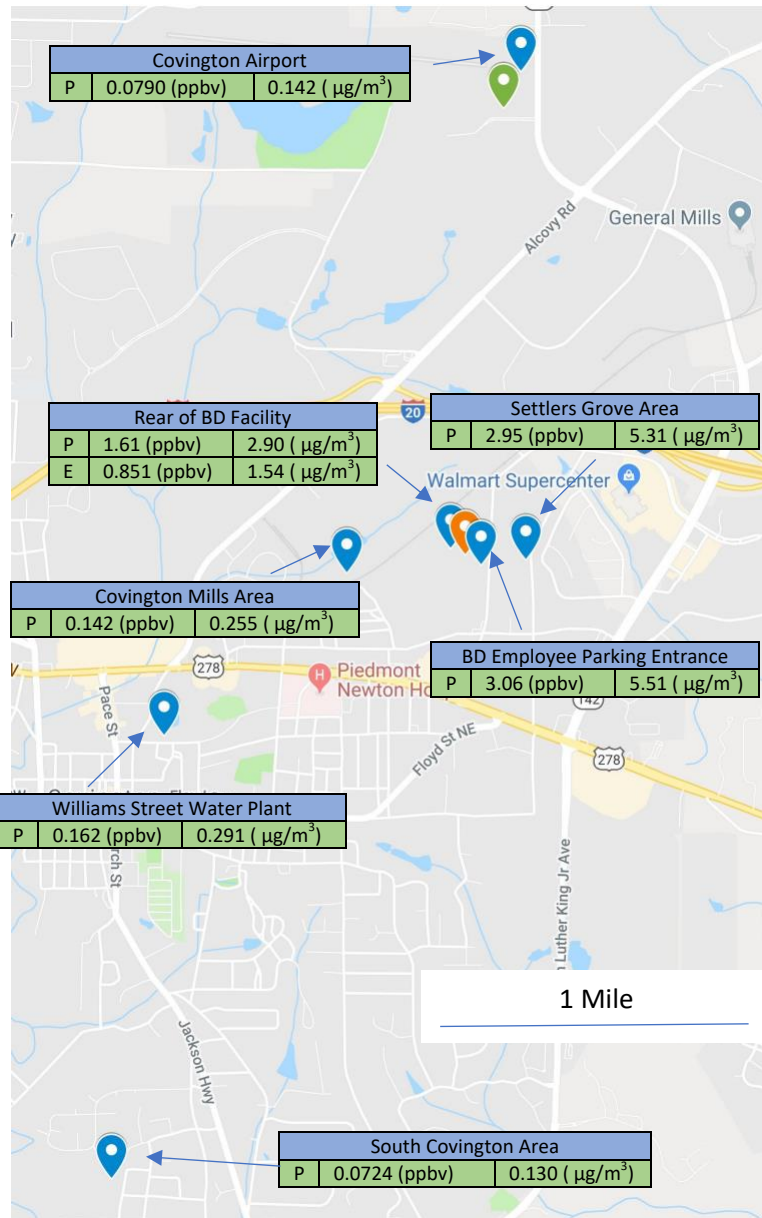
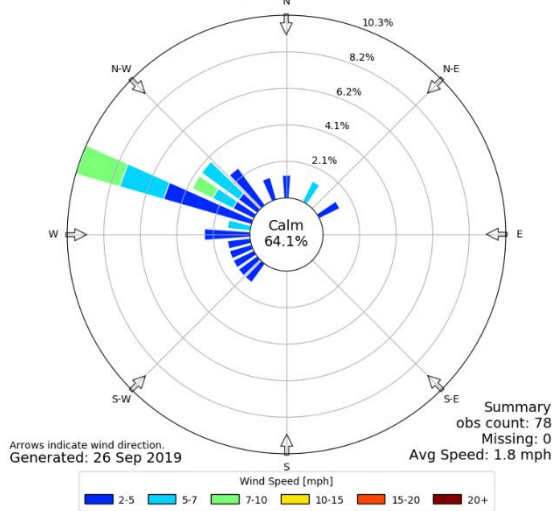
Sampling Location	
Sample Type	Concentration ppbv $\mu\text{g}/\text{m}^3$

- Legend
- Air Sample Location
 - Weather Station
 - Facility
 - P Primary Sample
 - D Duplicate Sample
 - E ERG Analyzed Duplicate

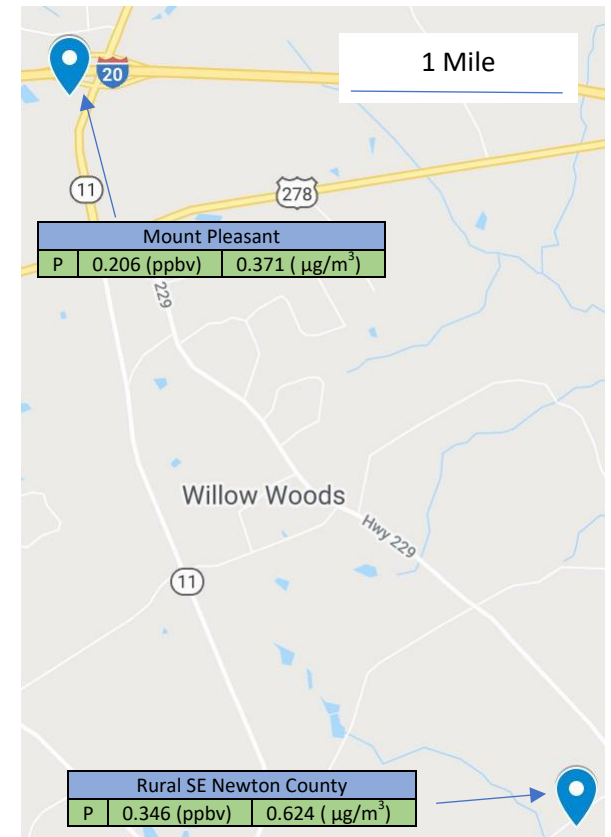




[CVC] Covington
Windrose Plot [All Year]
Period of Record: 23 Sep 2019 - 24 Sep 2019



Sampling Period
Monday, September 23, 2019 11:07 AM
THROUGH
Tuesday, September 24, 2019 12:58 PM

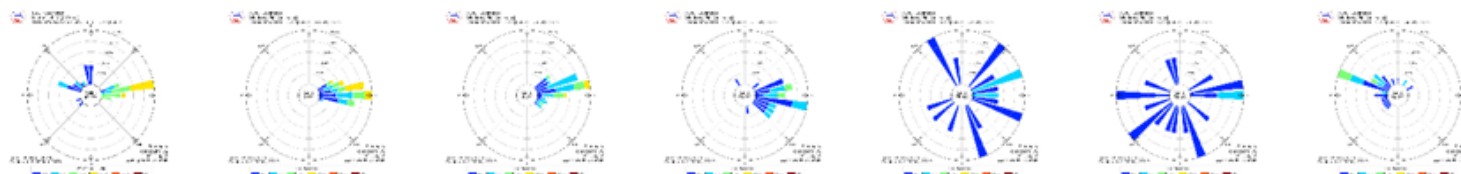
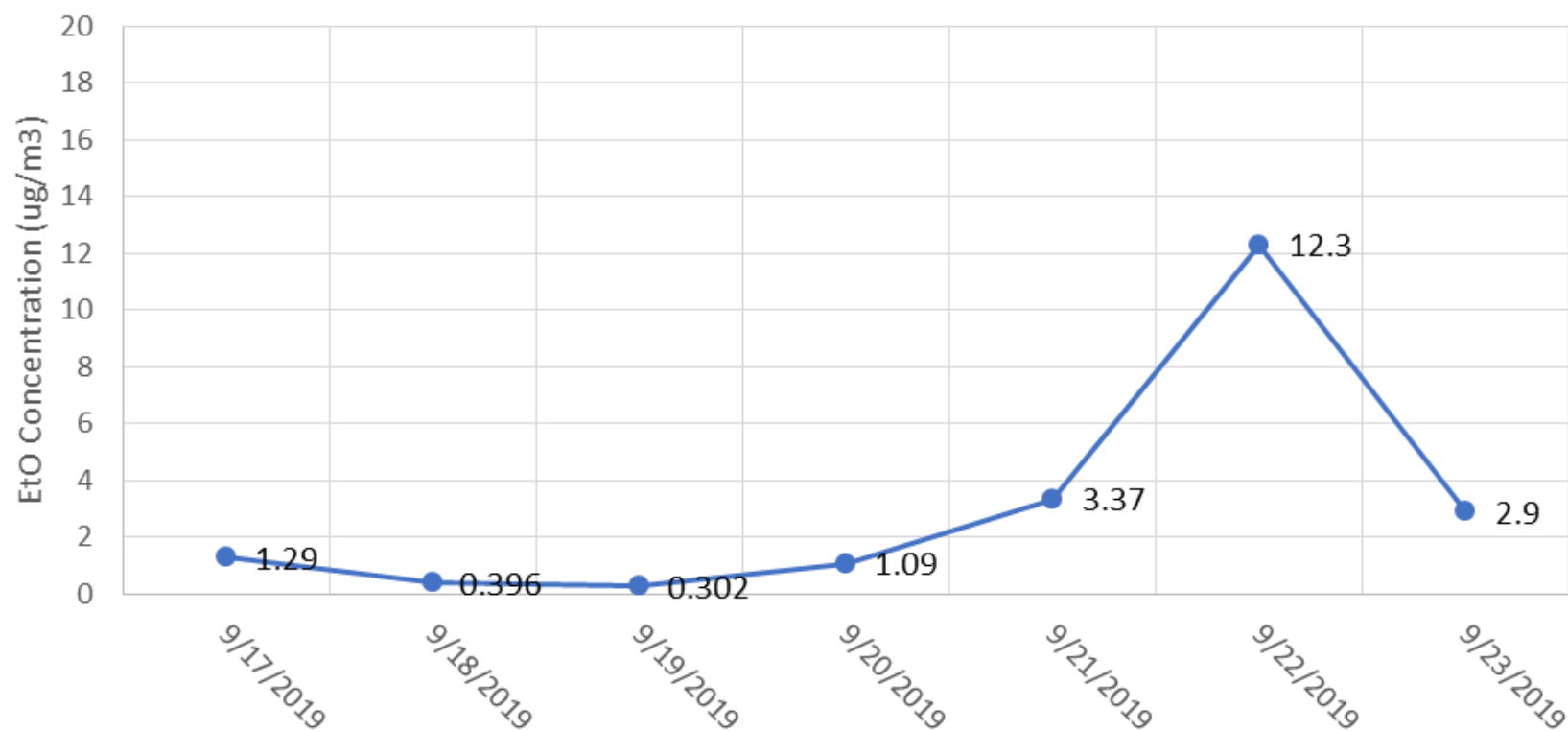


Sampling Location	
Sample Type	Concentration ppbv $\mu\text{g}/\text{m}^3$

- Legend
- Air Sample Location
 - Weather Station
 - Facility
 - P Primary Sample
 - D Duplicate Sample
 - E ERG Analyzed Duplicate

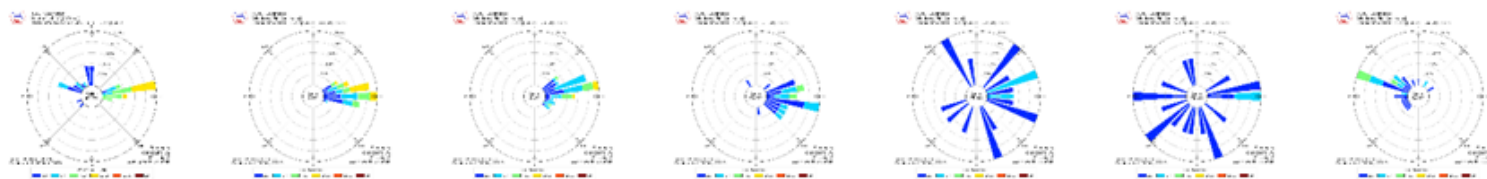
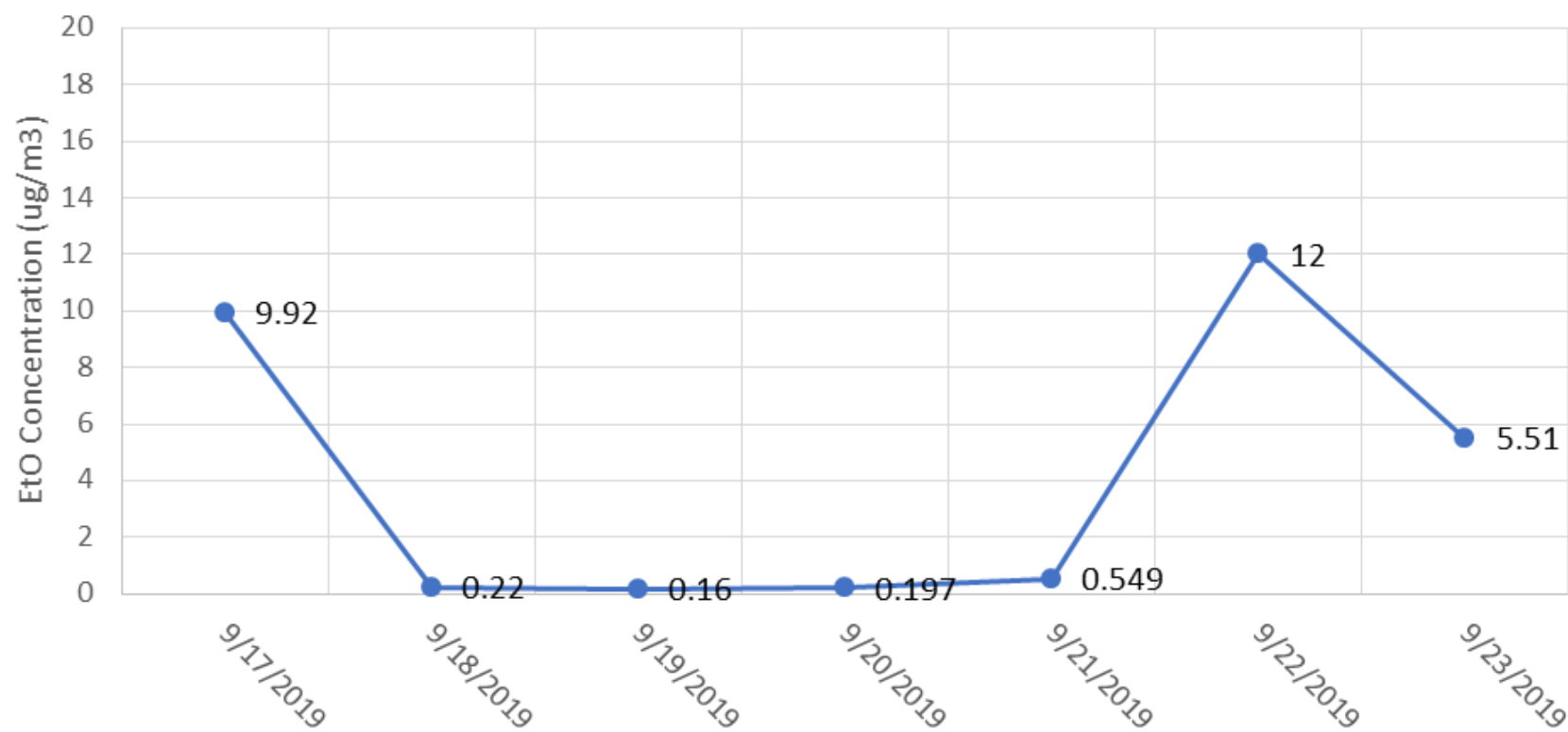


Site 1-Rear of BD Facility



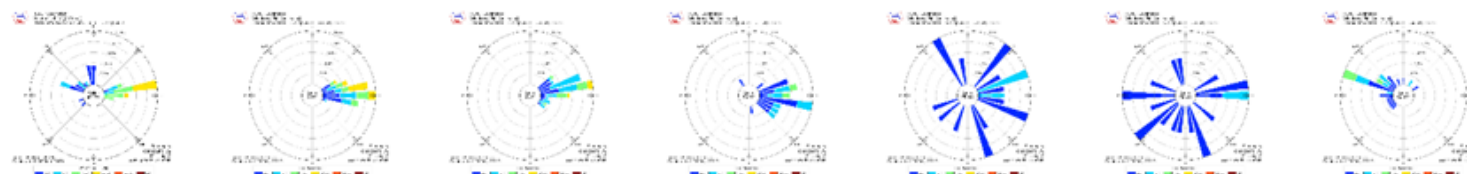
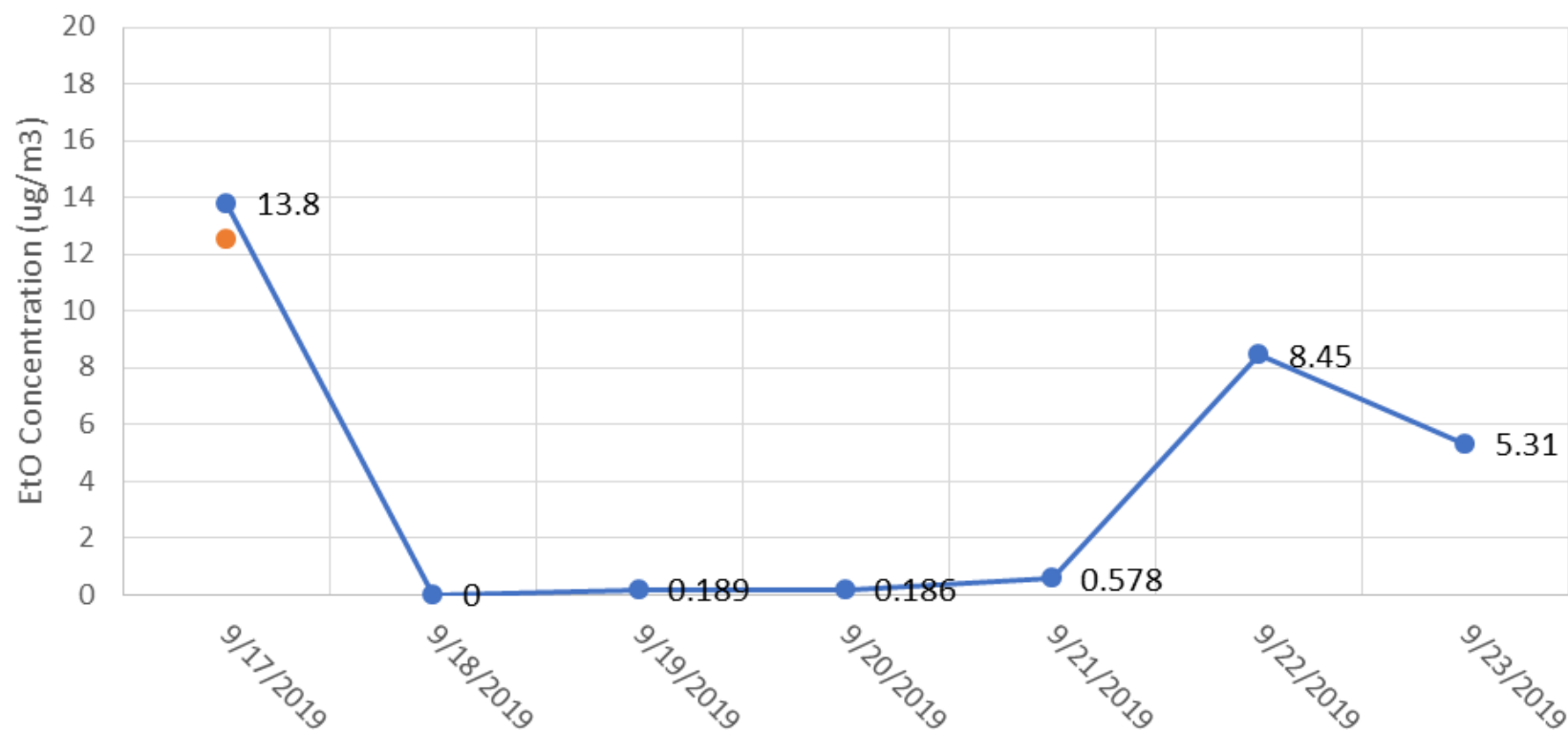
—●— Enthalpy Result

Site 2-BD Employee Parking Entrance



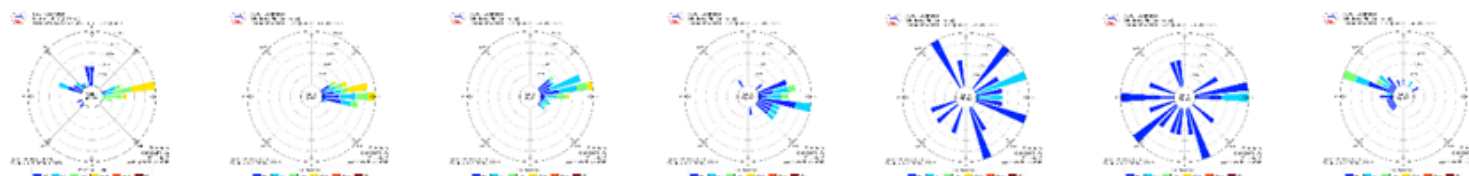
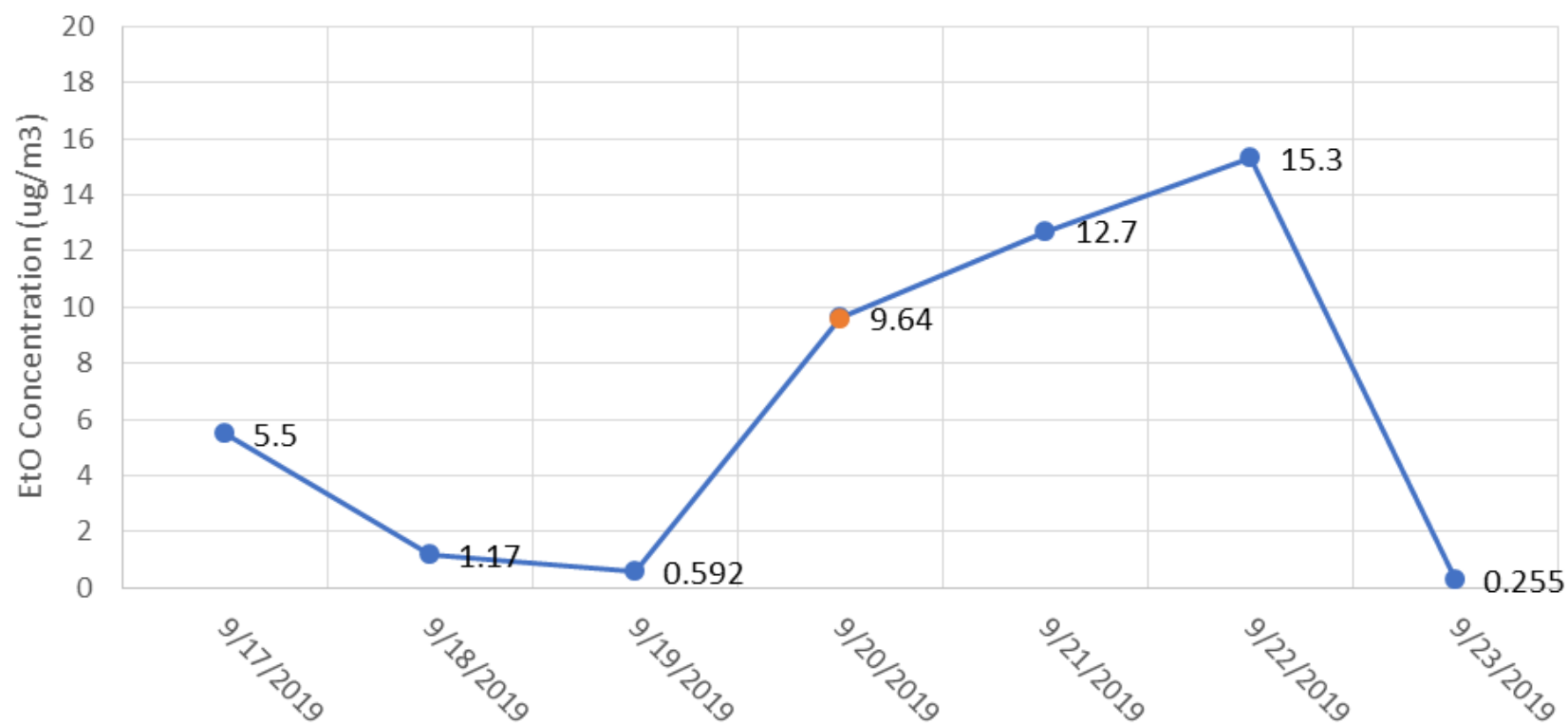
—●— Enthalpy Result

Site 3-Settlers Grove Area



● Enthalpy Result ● Enthalpy Duplicate Result

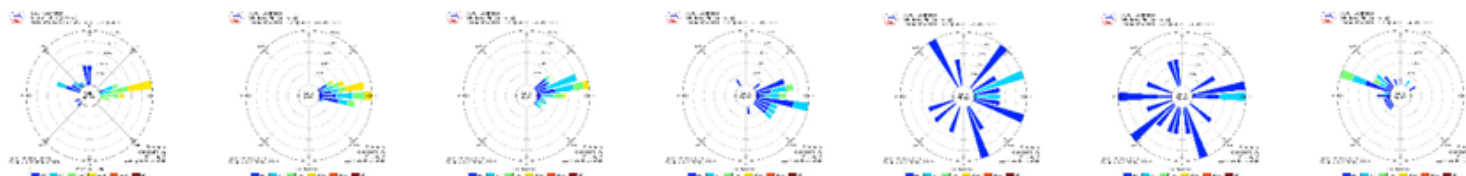
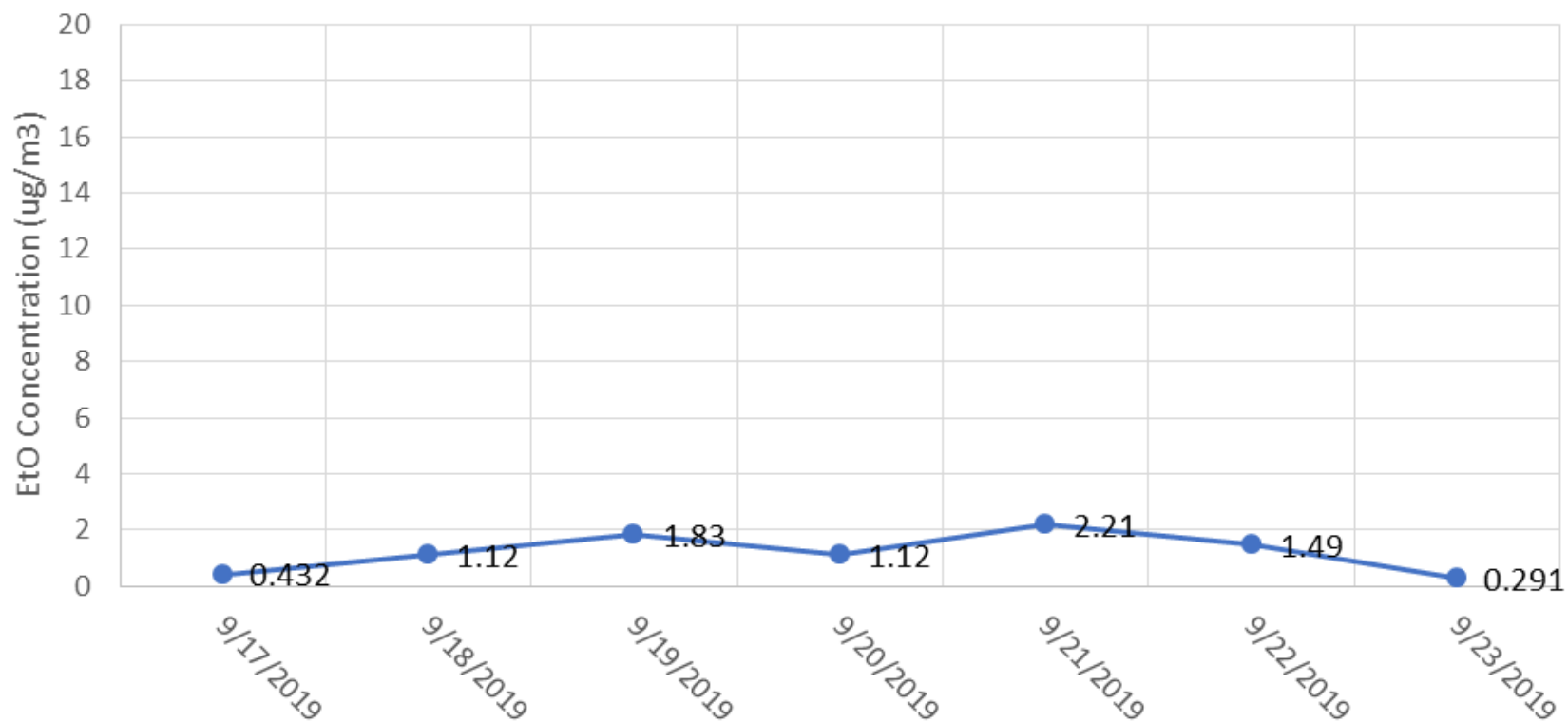
Site 4-Covington Mill Area



—●— Enthalpy Result

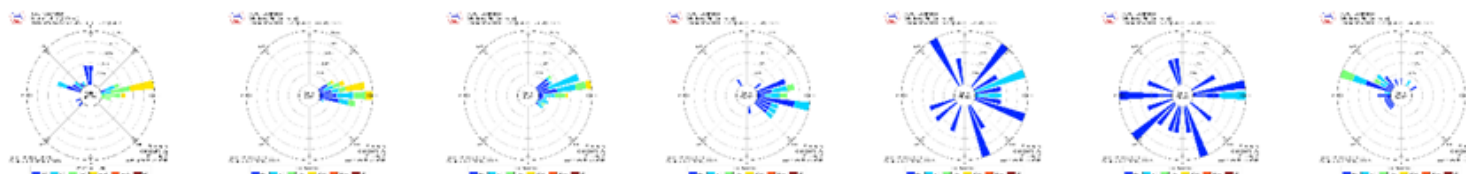
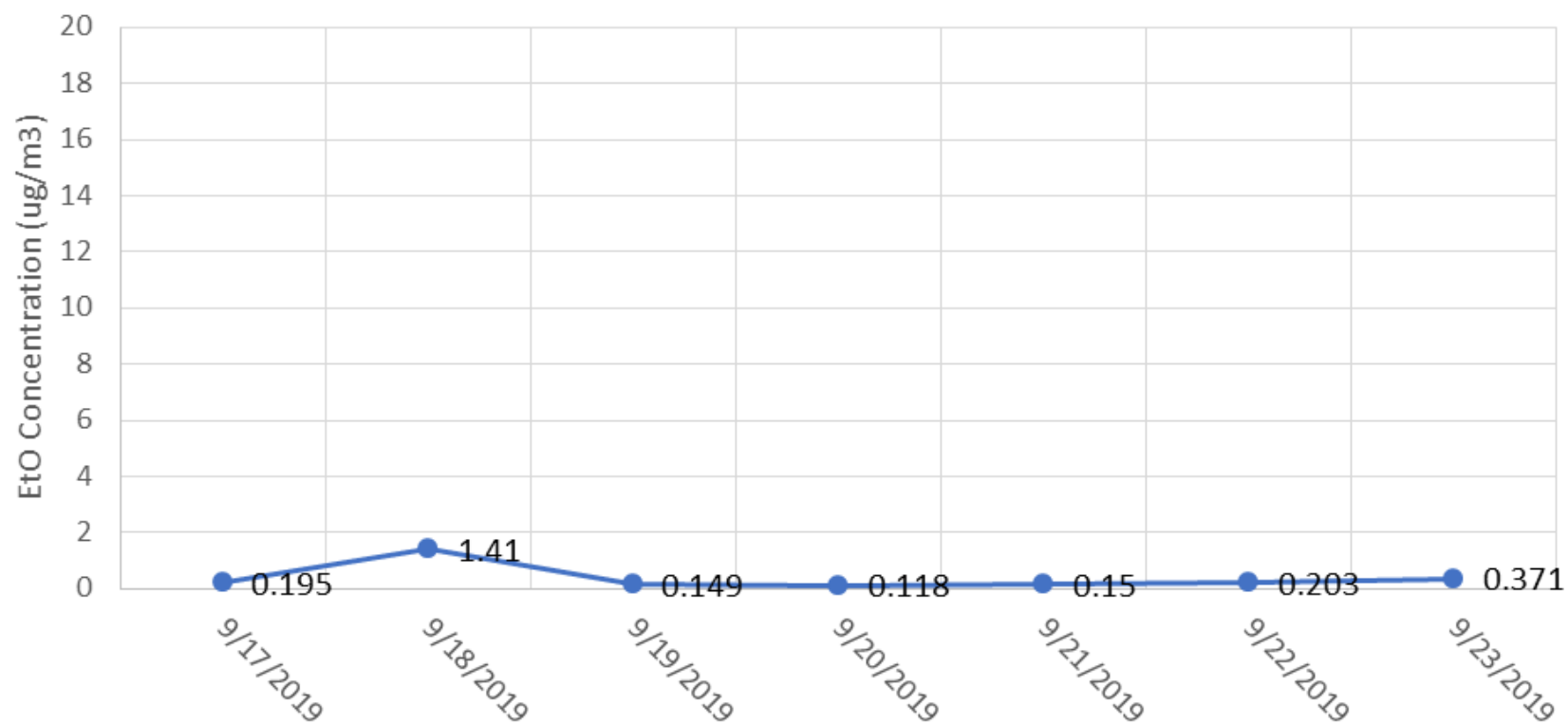
—●— Enthalpy Duplicate Result

Site 5-Williams Street Water Plant



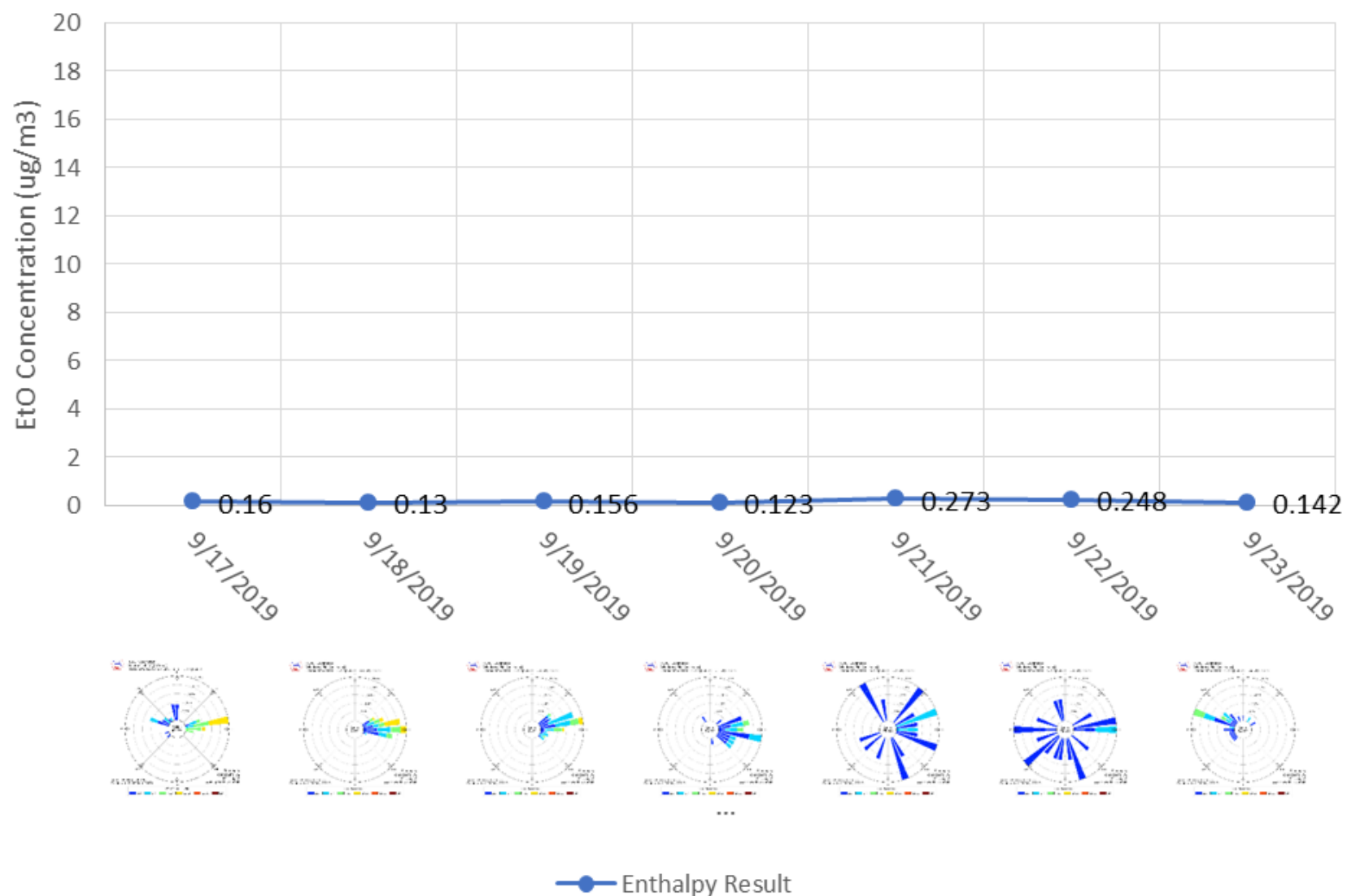
—●— Enthalpy Result

Site 6-Mount Pleasant

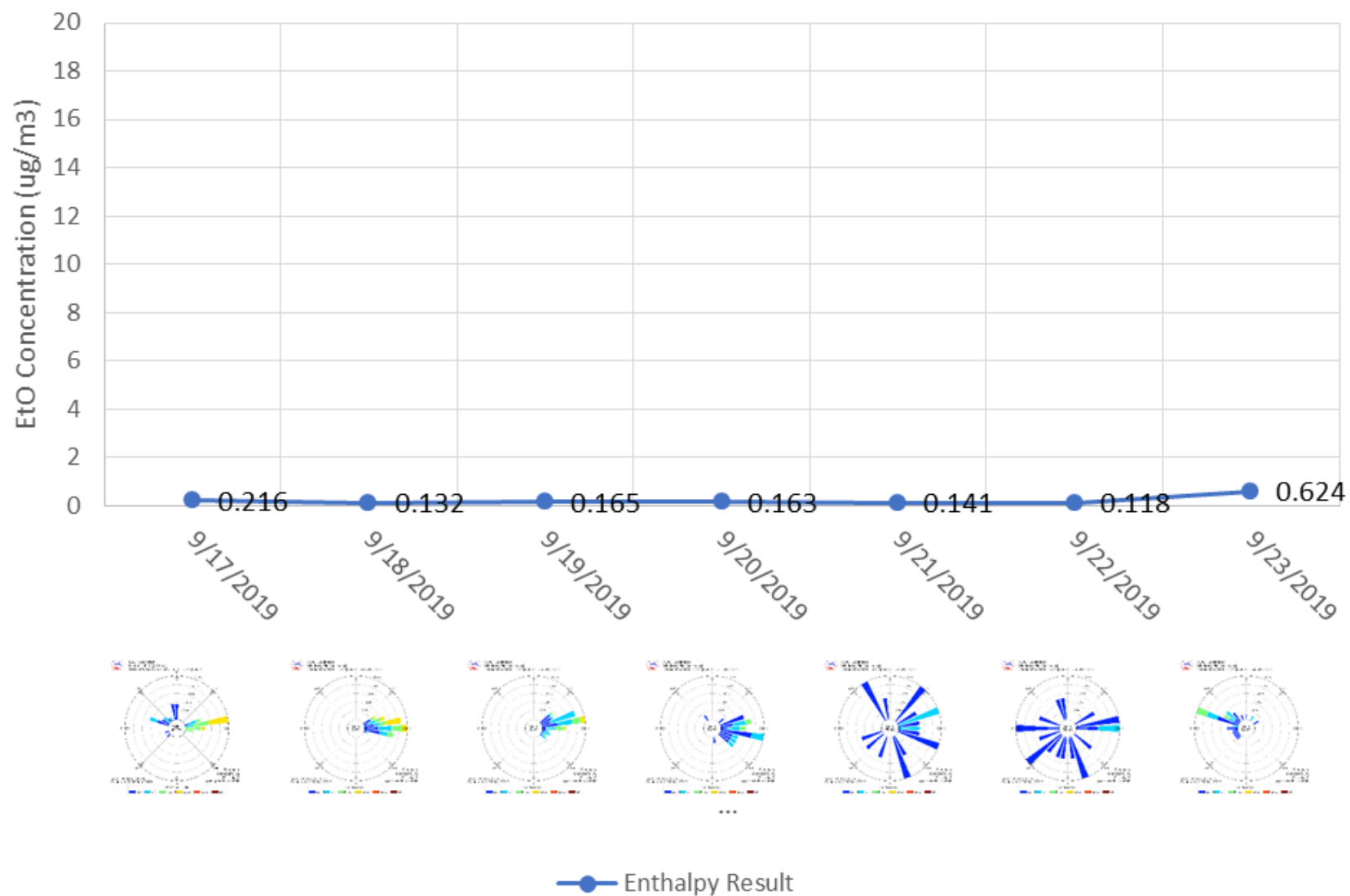


—●— Enthalpy Result

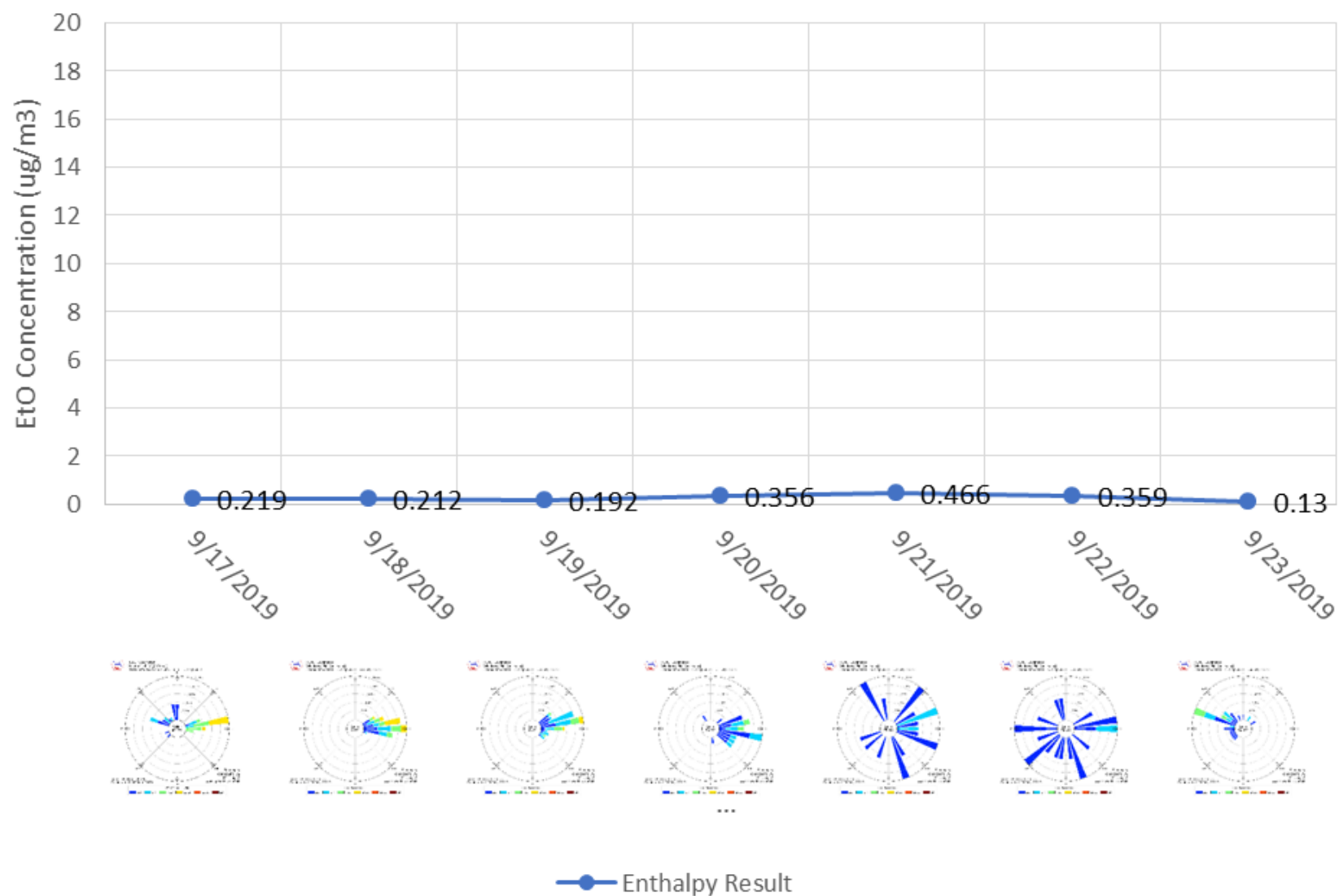
Site 7-Covington Airport



Site 8-Rural SE Newton County



Site 9-South Covington Area



Site 10-Conyers, GA Location

