



Code of Federal Regulations

A point in time eCFR system



Title 40

QUALITY MANAGEMENT PLAN
Ambient Air and Fugitive Emissions
Monitoring Program
Clean Air Engineering, Inc.



Prepared By:
Clean Air Engineering, Inc.
500 West Wood Street
Palatine, Illinois 60067

Revision 1
September 2023

Quality Assurance Project Plan

Prepared By:
Clean Air Engineering, Inc.
500 West Wood Street
Palatine, Illinois 60067

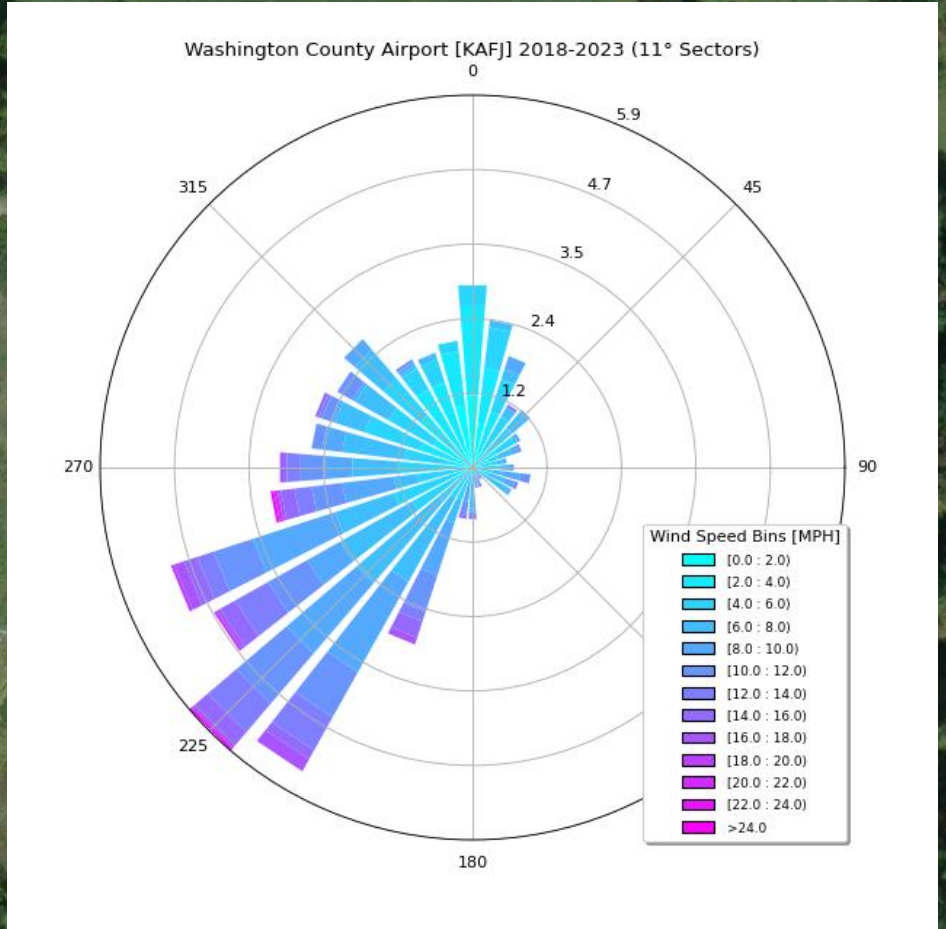
September 2023

Appendix A to 40 CFR Part 58: Quality Assurance Requirements for Monitors used in Evaluations of National Ambient Air Quality Standards

Upwind/Downwind Fenceline Monitoring

Monitor Siting Considerations:

1. Prevailing wind direction
2. Property boundaries
3. Topography
4. Distance to building obstructions and trees (US EPA criteria)
5. Distance to emission sources
6. Site operations



Morris Compressor Station

- Located in Greene County, PA
- 8x NG-fired compressors
- 2x Dehydration units

Morris Compressor Station

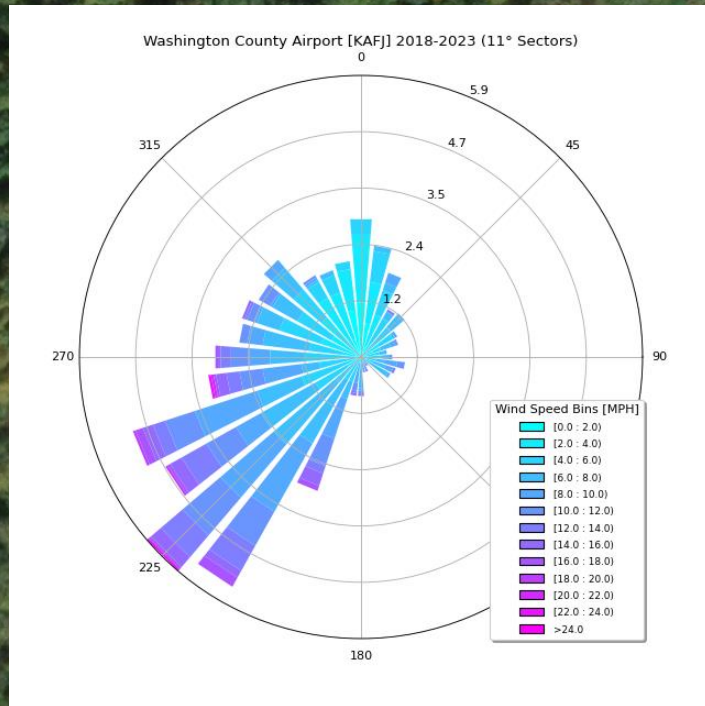
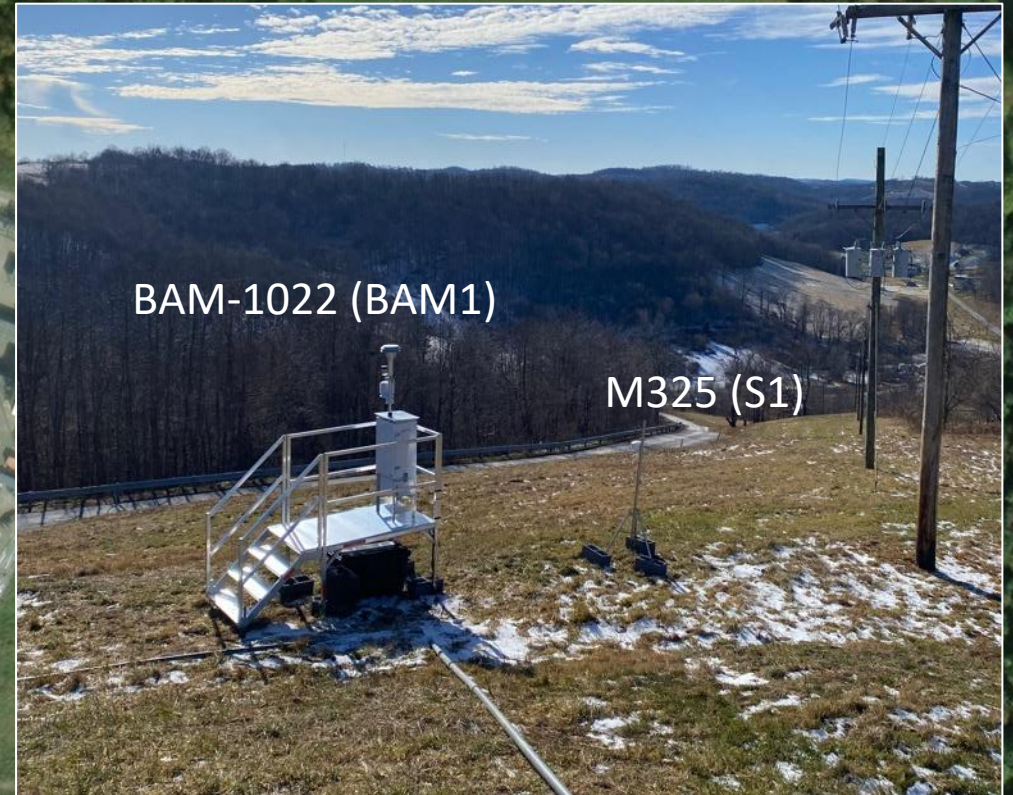


Met Station



Morris Compressor Station

Upwind Monitoring Location – View to SW

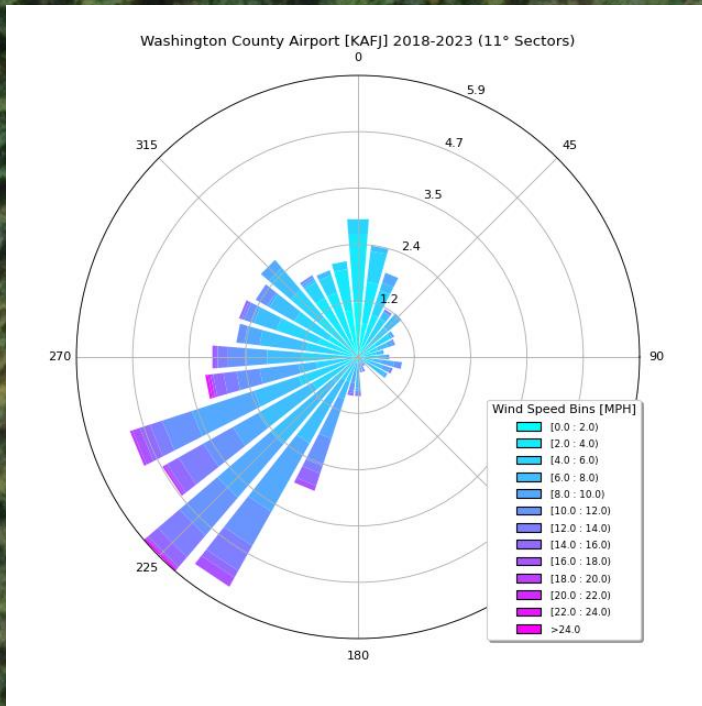


Upwind
Monitoring



Met Station

Morris Compressor Station



Upwind
Monitoring



Met Station

Downwind
Monitoring



Downwind Monitoring Location – View to NE



Morris Compressor Station

Crosswind M325
(S2)



Downwind
Monitoring



Crosswind M325
(S4)



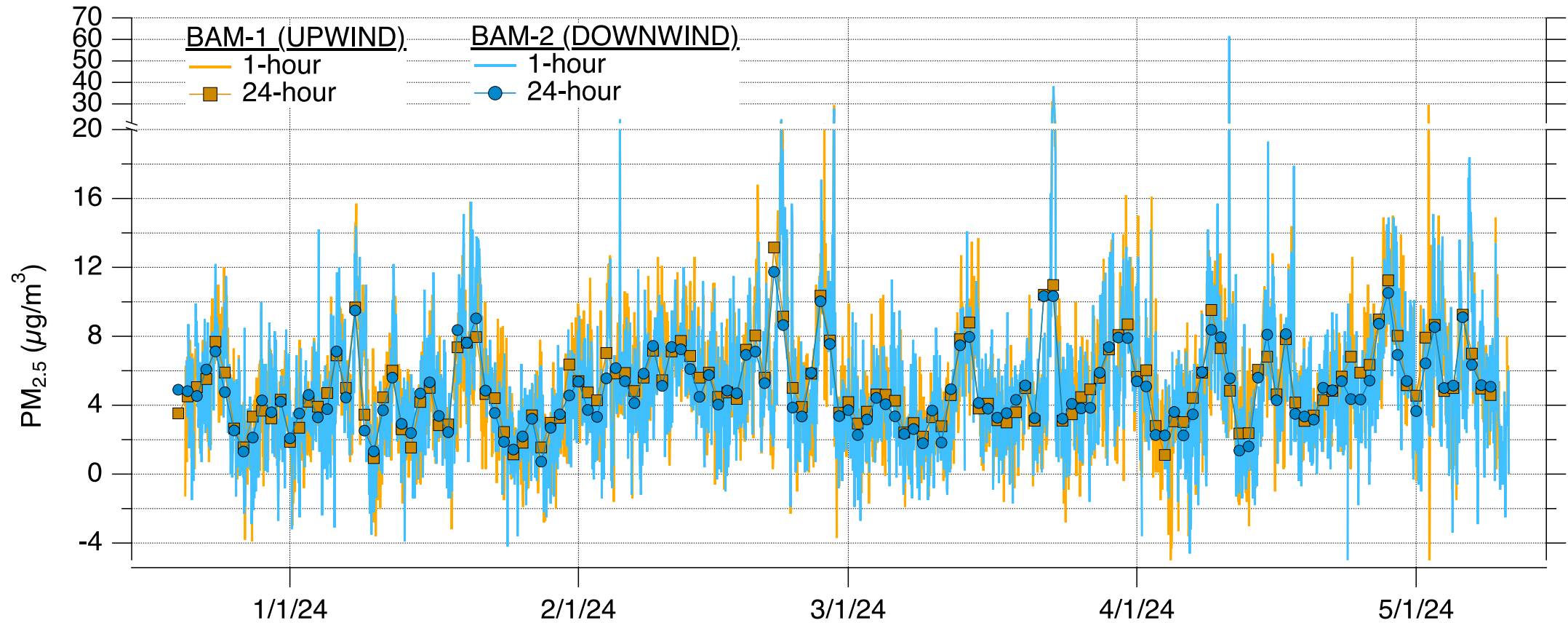
Upwind
Monitoring



Met Station

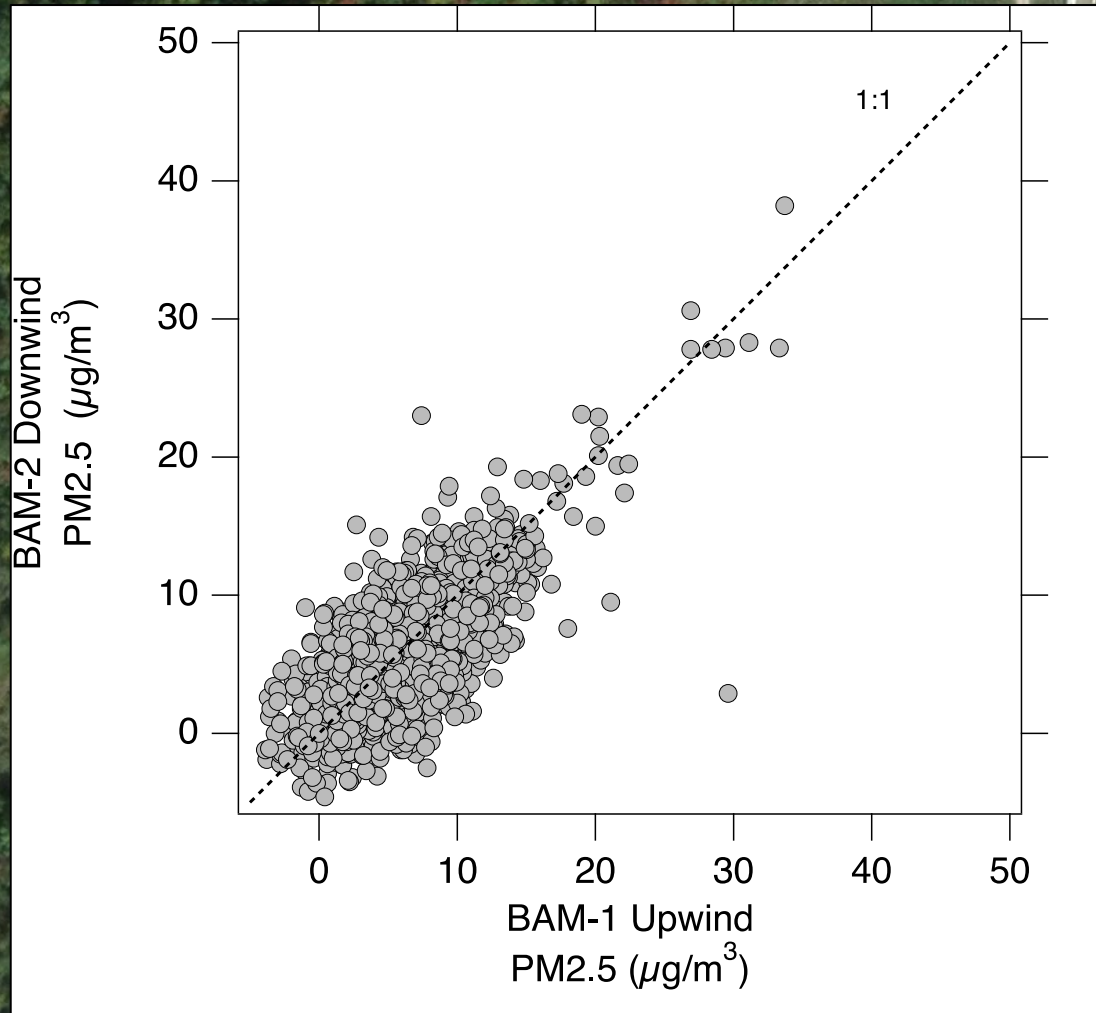


Fine Particulate Concentrations (PM_{2.5})



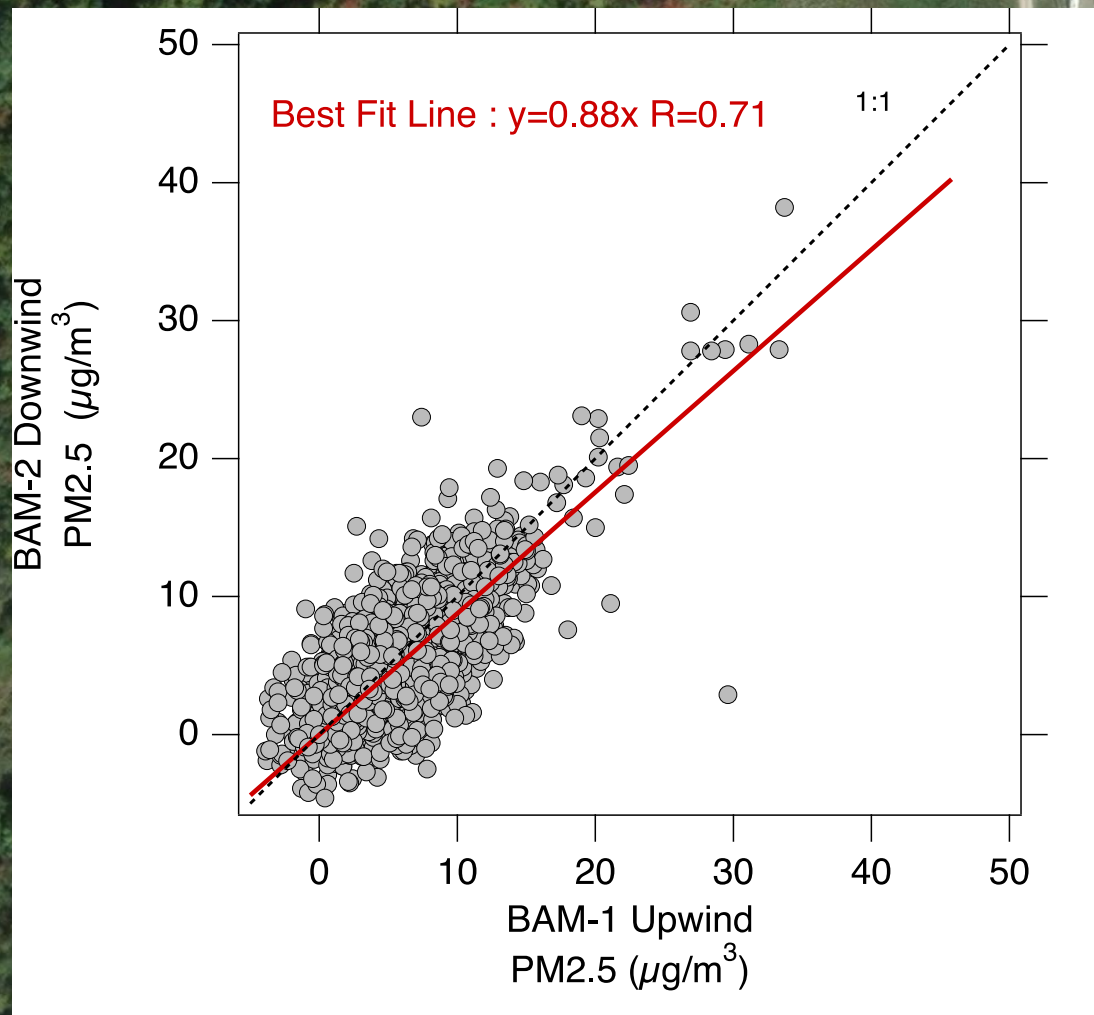
BAM1 vs BAM2 Concentrations

Hourly Concentrations



BAM1 vs BAM2 Concentrations

Hourly Concentrations



24 Hour Concentrations

