



west virginia department of environmental protection

Division of Air Quality
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Addendum to the WVDEP 2016 Ambient Air Monitoring Annual Network Plan

On October 17, 2006, the US Environmental Protection Agency (EPA) published final amendments to 40CFR Part 53 and 58 “Revisions to Ambient Air Monitoring Regulations; Final Rule”. This rule became effective on December 18, 2006.

Under Part 58, Subpart B-Monitoring Network, §58.10 Annual Monitoring Network Plan and Periodic Assessments (a)(1): “ Beginning July 1, 2007, the State, or where applicable local, agency shall adopt and submit to the Regional Administrator an annual monitoring network plan which shall provide for the establishment and maintenance of an air quality surveillance system that consists of a network of SLAMS monitoring stations including FRM, FEM, and ARM monitors that are part of SLAMS, NCore stations, STN stations, State speciation stations, SPM stations, and/or, in serious, severe and extreme ozone nonattainment areas, PAMS stations, and SPM monitoring stations. The plan shall include a statement of purposes for each monitor and evidence that siting and operation of each monitor meets the requirements of appendices A, C, D, and E of this part, where applicable. The annual monitoring network plan must be made available for public inspection for at least 30 days prior to submission to EPA. “

On March 28, 2016 (effective April 27, 2016) EPA finalized revisions to 40CFR Part 58 “Revision to Ambient Monitoring Quality Assurance and Other Requirements; Final Rule”.

Under Part 58 §58.10 (a)(1) “Annual monitoring network plan and periodic network assessment” EPA amended the 2006 language to clarify the handling of any public comment received on the plan: “The annual monitoring network plan must be made available for public inspection and comment for at least 30 days prior to submission to the EPA and the submitted plan shall include and address, as appropriate, any received comments.”

On May 3, 2016 the WV Department of Environmental Protection Division of Air Quality’s (DAQ) posted the ambient air monitoring Annual Network Plan (ANP) for 2016 to provide for the public inspection of, and obtain comments on, the ANP. The DAQ did not receive any comments and submitted the ANP to USEPA Region 3 on June 22, 2016. The 2016 ANP is available at:

<http://www.dep.wv.gov/daq/Documents/2016%20Ambient%20Air%20Monitoring%20Network%20Plan.pdf> .

SO₂ Data Requirement Rule (DRR)

On August 10, 2015, the USEPA finalized requirements for air agencies to monitor or model ambient sulfur dioxide (SO₂) levels in areas with large sources of SO₂ emissions to help implement the 1-hour SO₂ NAAQS. The rule establishes that, at a minimum, air agencies must characterize air quality around sources that emit 2,000 tons per year (tpy) or more of SO₂. The rule requires agencies to use either modeling of actual source emissions or appropriately sited ambient air quality monitors to assess SO₂ concentrations near the qualifying emission source.

As stated in the DAQ's 2016 ANP, no WV sources subject to the DRR rule have elected to conduct ambient air monitoring for SO₂. However, the Verso Paper Corporation Luke Mill, an SO₂ source in Maryland, has submitted a monitoring proposal to the Maryland Department of the Environment to conduct SO₂ monitoring. One of the SO₂ monitoring sites will be located in WV. There are also two SO₂ sources in Ohio; American Electric Power's James M. Gavin and the Ohio Valley Electric Corporation Kyger Creek power plants. Both facilities are electric generating utilities that are located within two miles of each other along the Ohio River in Gallia County. These facilities have proposed to conduct SO₂ air monitoring under the SO₂ DRR. More information on the SO₂ DRR may be found at: <https://www.epa.gov/so2-pollution>.

The Verso Luke Mill, located in Alleghany County, MD has elected to perform air monitoring under the SO₂ DRR. One of the facilities SO₂ air monitoring sites will be located in Mineral County, WV. Additional site details may be found in Addendum 1 to Maryland's Air Monitoring Network Plan 2017 Monitoring to meet SO₂ Data Requirements Rule located at: <http://www.mde.maryland.gov/programs/Air/AirQualityMonitoring/Pages/Network.aspx>.

The James M. Gavin and Kyger Creek electric generating utilities located in Gallia County, Ohio have also elected to perform air monitoring under the SO₂ DRR. As proposed, one of the facilities SO₂ air monitoring sites will be located in Lakin, Mason County, WV.

The purpose of this addendum to the 2016 WV ANP is to provide for a public inspection and a comment period on the two SO₂ air monitoring sites proposed to be sited in WV by the aforementioned MD and OH facilities under the SO₂ DRR. Public comments will be received for a 30-day period from the date of posting on our website at www.dep.wv.gov/daq/. Comments received during the public inspection period, and the DAQ response will be forwarded to USEPA Region 3.

Please send written comments to:

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Comments may also be submitted via email to: tim.j.carroll@wv.gov.