



Maryland
Department of
the Environment

Larry Hogan
Governor

Boyd Rutherford
Lieutenant Governor

Ben Grumbles
Secretary

June 30, 2016

Mr. Shawn M. Garvin
Regional Administrator
U.S. EPA Region 3
1650 Arch Street, Mail Code 3RA00
Philadelphia, PA 19103-2029

Dear Administrator Garvin:

Maryland Department of the Environment (MDE or the Department) is writing to notify EPA of MDE's selected methods for characterizing the 1-hour SO₂ source emissions in four areas of the state of Maryland. This notification is required under EPA's Data Requirements Rule for the 2010 1-Hour Sulfur Dioxide (SO₂) Primary National Ambient Air Quality Standard (NAAQS), 80 Federal Register, page 51087, August 21, 2015.

Of the four distinct SO₂ areas in Maryland, MDE is characterizing the 1-hour SO₂ emissions of three areas via modeling and one area via ambient air monitoring. Note that one of the four areas includes a cluster of three different large sources in the Baltimore region, while the other areas contain one large source. Between February and June 2016, the Department submitted to EPA Region 3 the required modeling protocols and monitoring plan for all four 1-hour SO₂ source areas. Please see the attachment.

If you have any questions about this submittal, please contact me or Mr. George (Tad) S. Aburn, Jr., Director of the Air and Radiation Management Administration, at 410-537-3255, or by email at george.aburn@maryland.gov.

Sincerely,

Ben Grumbles
Secretary

CC: Nikos Singelis, Acting Air Director, U.S. EPA Region 3
George (Tad) Aburn, Jr., Air Director, Air Quality Planning Program

Attachment

Maryland's 1-hour SO₂ Sources and Plans for Monitoring and Modeling their 1-Hour SO₂ Emissions under the Data Requirements Rule* 6/3/2016

<u>Facility Name</u>	<u>Facility ID (ORISPL)</u>	<u>Planned Method to Characterize Emissions</u>	<u>MDE Submission of Related Documentation to EPA Region 3</u>
Brandon Shores Generating Station	602	Modeling	(See Herbert A. Wagner Generating Station, below)
C P Crane Generating Station	1552	Modeling	(See Herbert A. Wagner Generating Station, below)
Chalk Point Generating Station	1571	Modeling	<ul style="list-style-type: none"> • Draft modeling protocol with revisions was submitted to EPA on June 7, 2016
Herbert A. Wagner Generating Station	1554	Modeling	<ul style="list-style-type: none"> • Modeling protocol for the H.A. Wagner area, including Brandon Shores, Wagner, and Crane plants, was sent to EPA on February 25, 2016 • Final modeling report and modeling files were sent to EPA on April 19, 2016
Luke Paper Company	50282	Monitoring	<ul style="list-style-type: none"> • Drafts of the Quality Assurance Project Plan (QAPP) were submitted to EPA on March 9 and May 2, 2016 • Modeling files for the siting of the monitors were sent to EPA on May 27, 2016 • Draft monitoring plan for the Luke Paper area was submitted to EPA on June 7, 2016. After a public comment period, MDE plans to make the plan an addendum to the state's Ambient Air Monitoring Network Plan for Calendar Year 2017, which was submitted to EPA on May 19, 2016
Morgantown Generating Station	1573	Modeling	<ul style="list-style-type: none"> • Draft modeling protocol with revisions was submitted to EPA on May 6, 2016

*See 80 Fed. Reg., pages 51051-51088, dated August 21, 2015.