



west virginia department of environmental protection

Appendix G: WV DEP Modeling Concurrence Letter to U.S. EPA

West Virginia Division of Air Quality
601 57th Street, SE
Charleston, WV 25304

Promoting a healthy environment.

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west virginia department of environmental protection

Executive Office
601 57th Street
Charleston, WV 25304
Office: 304-926-0440

Austin Caperton, Cabinet Secretary
dep.wv.gov

May 1, 2019

Cosmo Servidio, Regional Administrator
U.S. Environmental Protection Agency (3RA00)
1650 Arch Street
Philadelphia, PA 19103-2029

Re: Supplement to Ohio's Attainment Demonstration for the Sulfur Dioxide National Ambient Air Quality Standard for the Steubenville OH-WV Nonattainment Area

Dear Administrator Servidio:

The Steubenville OH-WV 1-hour sulfur dioxide (SO₂) nonattainment area is a multi-state nonattainment area, comprised of the Cross Creek Tax District of Brooke County, West Virginia, and Jefferson County, Ohio (partial) including the Cross Creek, Steubenville, Warren and Wells Townships and Steubenville City. The area was designated as nonattainment with the 2010 1-hour SO₂ National Ambient Air Quality Standard (NAAQS) in the August 5, 2013 Federal Register [78 FR 47191], effective October 4, 2013.

The West Virginia Department of Environmental Protection (DEP) submitted an attainment plan SIP to the U.S. Environmental Protection Agency, Region 3, for the 2010 1-hour SO₂ NAAQS on April 25, 2016 and a supplement on November 27, 2017. The West Virginia DEP worked closely with Ohio EPA to develop modeling to support the attainment demonstration, which was included as part of the April 25, 2016 attainment plan.

On March 25, 2019, Ohio EPA provided public notice of proposed amendments to Ohio Administrative Code (OAC) rule 3745-18-47 to incorporate a revised SO₂ emission limit for the coal-fired boilers at the Cardinal Power Plant in Jefferson County, Ohio. Ohio EPA is submitting these proposed amendments to OAC Chapter 18 as a supplement to Ohio's attainment demonstration for the 2010 1-hour SO₂ NAAQS for the Steubenville OH-WV Nonattainment Area, along with a draft redesignation request and maintenance plan which contains the technical justification and air quality modeling demonstrating the revised emission limit provides for attainment and maintenance of the SO₂ NAAQS in the entire nonattainment area.

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Cosmo Servidio, Regional Administrator

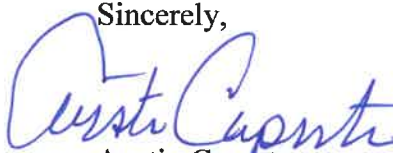
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May 1, 2019

The West Virginia DEP has reviewed Ohio EPA's air quality modeling demonstration that relies on revised SO₂ emission limit for the coal-fired boilers at the Cardinal Power Plant in Jefferson County and concurs with Ohio EPA that the modeling demonstration ensures attainment and maintenance of the 2010 1-hour SO₂ NAAQS throughout the Steubenville OH-WV Nonattainment area, including the West Virginia portion. Consequently, West Virginia DEP considers Ohio's new modeling to be the most current and representative of the modeling demonstrations submitted to date, including West Virginia's April 2016 modeling.

If you have questions, please contact Laura Crowder, Director of the Division of Air Quality at (304) 926-0499, extension 1238.

Sincerely,



Austin Caperton
Cabinet Secretary

cc: Laura M. Crowder, Director, WV DAQ



Shipment Receipt

Address Information

Ship to:

Cosmo Servidio
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US EPA Region 3
1650 Arch Street (3RA00)
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Ship from:

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Shipment Information:

Tracking no.: 775108168880
Ship date: 05/01/2019
Estimated shipping charges: 3.98 USD

Package Information

Pricing option: FedEx Standard Rate
Service type: FedEx Ground
Package type: Your Packaging
Number of packages: 1
Total weight: 1 LBS
Declared Value: 0.00 USD
Special Services:
Pickup/Drop-off: Drop off package at FedEx location

Billing Information:

Bill transportation to: WV DEP-556
Your reference: Brooke Co. SO2
P.O. no.:
Invoice no.:
Department no.:

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