

# Fact Sheet



## *For Final Minor Modification Permitting Action Under 45CSR30 and Title V of the Clean Air Act*

This Fact Sheet serves to address the changes specific to this Minor Modification, and shall be considered a supplement to the original Fact Sheet corresponding with the issuance of the initial Title V operating permit issued on January 9, 2009.

Permit Number: **R30-04900009-2009**  
Application Received: **November 20, 2009**  
Plant Identification Number: **049-00009**  
Permittee: **Monongahela Power Company**  
Facility Name: **Rivesville Power Station**  
Mailing Address: **800 Cabin Hill Drive, Greensburg, PA 15601**

*Permit Action Number: MM01, Revised: February 2, 2010*

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Physical Location:	Rivesville, Marion County, West Virginia
UTM Coordinates:	575.93 km Easting • 4374.28 km Northing • Zone 17
Directions:	Interstate I-79 to exit 137 (SR-310 North). Follow SR-310 North to downtown Fairmont. Turn right on US-250 (Adams Street). Follow Adams Street to the end and turn left onto Quincy Street (US-19). Follow Route 19 North to Rivesville Main Street. Continue on Main Street to the end and turn left onto Jackson Street. Rivesville Power Station will be on the right.

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### **Facility Description**

Rivesville is a fossil fuel-fired electric generating facility with two (2) main boilers. The facility also contains two (2) Auxiliary Boilers, an emergency generator; and supporting operations including coal handling, ash handling and storage tanks.

Monongahela Power Company (Mon Power) requests a minor modification to the existing Title V permit R30-04900009-2009, to revise language for the Compliance Assurance Monitoring (CAM) requirements in permit conditions 4.2.4. & 4.4.6.b. in order to be consistent with the other Mon Power facilities permitted in West Virginia.

## Emissions Summary

There are no changes in emissions associated with this modification.

## Title V Program Applicability Basis

With the proposed changes associated with this modification this facility maintains the potential to emit over 100 tons per year of criteria pollutants, over 10 tons per year of a single HAP and over 25 tons per year of aggregate HAPs. Therefore the Rivesville Power Station is required to have an operating permit pursuant to Title V of the Federal Clean Air Act as amended and 45CSR30.

## Legal and Factual Basis for Permit Conditions

The State and Federally-enforceable conditions of the Title V Operating Permits are based upon the requirements of the State of West Virginia Operating Permit Rule 45CSR30 for the purposes of Title V of the Federal Clean Air Act and the underlying applicable requirements in other state and federal rules.

This facility has been found to be subject to the following applicable rules:

### Federal and State:

45CSR30	Operating permit requirement.
40 C.F.R. Part 64	Compliance Assurance Monitoring

Each State and Federally-enforceable condition of the draft Title V Operating Permit references the specific relevant requirements of 45CSR30 or the applicable requirement upon which it is based. Any condition of the draft Title V permit that is enforceable by the State but is not Federally-enforceable is identified in the draft Title V permit as such.

The Secretary's authority to require standards under 40 C.F.R. Part 60 (NSPS), 40 C.F.R. Part 61 (NESHAPs), and 40 C.F.R. Part 63 (NESHAPs MACT) is provided in West Virginia Code §§ 22-5-1 *et seq.*, 45CSR16, 45CSR15, 45CSR34 and 45CSR30.

## Active Permits/Consent Orders

Permit or Consent Order Number	Date of Issuance	Permit Determinations or Amendments That Affect the Permit ( <i>if any</i> )
Consent Order	August 31, 1989	
NOx Budget Permit	February 1, 2002	
R13-1098B	June 1, 2004	
R33-3945-2012-3	December 18, 2007	Effective January 1, 2008

Conditions from this facility's Rule 13 permit(s) governing construction-related specifications and timing requirements will not be included in the Title V Operating Permit but will remain independently enforceable under the applicable Rule 13 permit(s). All other conditions from this facility's Rule 13 permit(s) governing the source's operation and compliance have been incorporated into this Title V permit in accordance with the "General Requirement Comparison Table B," which may be downloaded from DAQ's website.

## Determinations and Justifications

This Title V minor modification includes the following changes

### 40 CFR Part 64 - Compliance Assurance Monitoring (CAM)

- Language in the permit conditions 4.2.4. and 4.4.6.b. was modified so that it will be consistent with other Mon Power facilities permitted in West Virginia. It has been changed as follows:

**4.2.4.** The Data Acquisition System (DAS) shall be programmed to calculate PM emissions (lb/hr ~~and lb/MMBtu~~) from opacity data. The equation used to calculate TSP PM emissions will be developed using the opacity vs. TSP PM concentration correlation curves as determined by particulate testing with the TEOM 7000. The opacity vs. TSP PM concentration curve will be developed using at least 1,000 paired data points that will attempt to capture a normal full daily cycle of operations. An excursion ~~shall~~ will be defined as a 3-hour block an hourly average where the calculated PM emission rate ~~that~~ exceeds the limit established in 45CSR§2-4.1.a. (31.95 lb/hr for Boiler #5; 51.35 lb/hr for Boiler #6), or any six-minute block average opacity exceeding 10%

**4.4.6.b.** PM (CEMs and Calculated PM Emission Rates) - One minute data, calculated from the one-minute average opacity data shall be used to calculate a 1-hour block average which shall be used to calculate a 3-hour block average, all of which shall be stored on a certified DAS. ~~stored and averaged from continuous readings, and hourly averages in turn, shall be calculated and stored from the one minute data.~~

## Non-Applicability Determinations

The following requirements have been determined not to be applicable to the subject facility due to the following:

None.

## Request for Variances or Alternatives

None.

## Insignificant Activities

Insignificant emission unit(s) and activities are identified in the Title V application.

## Comment Period

Not applicable for minor modifications

## Procedure for Requesting Public Hearing

During the public comment period, any interested person may submit written comments on the draft permit and may request a public hearing, if no public hearing has already been scheduled. A request for public hearing shall be in writing and shall state the nature of the issues proposed to be raised in the hearing. The Secretary shall grant such a request for a hearing if he/she concludes that a public hearing is appropriate. Any public hearing shall be held in the general area in which the facility is located.

## Point of Contact

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Division of Air Quality  
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**Response to Comments (Statement of Basis)**

Not applicable