

# Fact Sheet



For Proposed 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 Fact Sheet corresponding with the Title V operating permit issued on December 30, 2008.

Permit Number: **R30-06500001-2008**  
Application Received: **February 2, 2010**  
Plant Identification Number: **03-54-065-00001**  
Permittee: **U.S. Silica Company**  
Facility Name: **Berkeley Springs Plant**  
Mailing Address: **P.O. Box 187, Berkeley Springs, WV 25411**

Permit Action Number: *MM01* Revised: *Proposed*

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Physical Location: Berkeley Springs, Morgan County, West Virginia  
UTM Coordinates: 739.59 km Easting • 4398.48 km Northing • Zone 17  
Directions: Off of Route 522 approximately 3 miles north of Berkeley Springs.

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## Facility Description

Sandstone mining, quarrying, and processing facility. SIC Code - 1446.

## Emissions Summary

The proposed change will result in a 3.4 TPY increase in potential emissions of particulate matter. Prior to this modification the PTE for PM<sub>10</sub> was 1,033 TPY (*cf.* Renewal Title V permit's Fact Sheet).

No other emissions changes are associated with this permitting action.

## Title V Program Applicability Basis

With the proposed changes associated with this modification, this facility maintains the potential to emit 1,036.4 TPY of PM<sub>10</sub> and 267 TPY of SO<sub>2</sub>. Due to this facility's potential to emit over 100 tons per year of a criteria pollutant, U.S. Silica Company 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.

The modification to this facility has been found to be subject to the following applicable rules:

Federal and State:	45CSR13	Construction permit requirements
	45CSR30	Operating permit requirement.
State Only:	None	

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, 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> )
R13-2015C	November 20, 2009	

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

#### Permit R13-2015C

Underlying permit R13-2015B was modified to increase the annual particulate matter limit for the Trash Vibrating Screen (Stack #25) from 1.0 TPY to 4.4 TPY. This change was issued in permit R13-2015C, condition A.1. According to the Engineering Evaluation for R13-2015C, the proposed limit increase is based upon July 17, 2008 stack test results. That Engineering Evaluation also mentioned that DAQ set the limit at 1.0 TPY in R13-2015 even though the permittee had estimated emissions greater than this and stated so in the application for R13-2015. In order to reflect the new limit in R13-2015C, A.1., the annual PM limit is modified in Title V permit condition 5.1.6.1. There are no changes to the MRR conditions associated with this limit, which are: 5.1.11., 5.4.7., 5.4.12. through 5.4.14., and 5.5.2. Finally, the alphabetic suffix and issue date in permit subsection 1.2. are revised for this underlying permit.

#### Annual Compliance Certification Submittal

U.S. EPA has instructed DAQ that permittee's are to submit their annual compliance certification to U.S. EPA via e-mail only (*i.e.*, no paper "hard copies" to U.S. EPA). The language of conditions 3.5.3. and 3.5.5. have been modified to provide for this new stipulation.

**45CSR34 and 40 C.F.R. Part 61**

The citation of permit condition 3.1.3. was revised to reflect the fact that 45CSR34 now adopts the NESHAPs under 40 C.F.R. Part 61.

**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**

Beginning Date: Not Applicable for minor modifications.

Ending Date: N/A

All written comments should be addressed to the following individual and office:

Denton B. McDerment, PE  
Title V Permit Writer  
West Virginia Department of Environmental Protection  
Division of Air Quality  
601 57<sup>th</sup> Street SE  
Charleston, WV 25304

**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**

Denton B. McDerment, PE  
West Virginia Department of Environmental Protection  
Division of Air Quality  
601 57<sup>th</sup> Street SE  
Charleston, WV 25304  
Phone: 304/926-0499 ext. 1221 • Fax: 304/926-0478

**Response to Comments (Statement of Basis)**