



NATURAL RESOURCES

Eric R. Greitens, Governor

Carol S. Comer, Director

FEB 21 2018

Mr. Chuck Schiwitz
 Environmental & Health Safety Manager
 SEMO Milling, LLC
 261 River Road
 Scott City, MO 63780

RE: New Source Review Permit Amendment - Permit Number: 122017-012A
 Project Number: 2018-01-011; Installation Number: 031-0112

Dear Mr. Schiwitz:

On January 10, 2018, the Air Pollution Control Program received your request to amend Permit # 122017-012. SEMO Milling, LLC will be adding a new baghouse (C152) and rerouting various pieces of equipment piping to the new and existing control devices as described in Special Condition 2 of this amendment. Special Condition 1 from Permit # 122017-012 is being amended to show the new baghouses associated with each piece of corresponding equipment. EU-315 used to be controlled by baghouse C110 but it is now a fully sealed unit which does not vent directly to the atmosphere. EU-319 is no longer used. These adjustments to the system will create no increase in emission from Permit # 122017-012.

While this amendment was in house it was pointed out that there was an error on the spreadsheet with an emission factor used to come up with the original PTE calculations. PM_{2.5} potential emissions decreased from the correction being made. Table 2 of this amendment replaces Table 4 in permit 122017-012 to fix this mistake.

Table 2: Emissions Summary (tpy)

Pollutant	Regulatory <i>De Minimis</i> Levels	Existing Potential Emissions	Existing Actual Emissions (2016 EIQ)	Potential Emissions of the Project	Conditioned Potential Emissions of the Project
PM	25.0	N/D	N/A	16.05	4.66
PM ₁₀	15.0	25.88	2.42	8.90	1.95
PM _{2.5}	10.0	6.66	1.43	3.52	0.59
SO _x	40.0	0.1	0.0004	N/A	N/A
NO _x	40.0	5.3	0.30	N/A	N/A
VOC	40.0	0.7	0.04	N/A	N/A
CO	100.0	4.5	0.26	N/A	N/A
GHG (CO ₂ e)	N/A	N/D	N/D	N/A	N/A
GHG (mass)	N/A	N/D	N/D	N/A	N/A
HAPs	10.0/25.0	0.5	0.00	N/A	N/A

N/A = Not Applicable; N/D = Not Determined

Mr. Chuck Schiwitz
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If you were adversely affected by this permit decision, you may be entitled to pursue an appeal before the administrative hearing commission pursuant to Sections 621.250 and 643.075.6 RSMo. To appeal, you must file a petition with the administrative hearing commission within 30 days after the date this decision was mailed or the date it was delivered, whichever date was earlier. If any such petition is sent by registered mail or certified mail, it will be deemed filed on the date it is mailed; if it is sent by any method other than registered mail or certified mail, it will be deemed filed on the date it is received by the administrative hearing commission, whose contact information is: Administrative Hearing Commission, United States Post Office Building, 131 West High Street, Third Floor, P.O. Box 1557, Jefferson City, Missouri 65102, phone: 573-751-2422, fax: 573-751-5018, website: www.oa.mo.gov/ahc.

If you have any questions regarding this amendment, please do not hesitate to contact Jordan Hull, at the department's Air Pollution Control Program, P.O. Box 176, Jefferson City, MO 65102 or at (573) 751-4817. Thank you for your attention to this matter.

Sincerely,

AIR POLLUTION CONTROL PROGRAM



Kendall B. Hale
Permits Section Chief

KBH:jhj

Enclosures

c: Southeast Regional Office
PAMS File: 2018-01-011

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SPECIAL CONDITIONS:

The permittee is authorized to construct and operate subject to the following special conditions:

The special conditions listed in this permit were included based on the authority granted the Missouri Air Pollution Control Program by the Missouri Air Conservation Law (specifically 643.075) and by the Missouri Rules listed in Title 10, Division 10 of the Code of State Regulations (specifically 10 CSR 10-6.060). For specific details regarding conditions, see 10 CSR 10-6.060 paragraph (12)(A)10. "Conditions required by permitting authority."

SEMO Milling, LLC
Cape Girardeau County, S28, T30N, R14E

1. **Superseding Condition**
The conditions of this permit supersede Special Condition 1 – Control Device Requirement – Baghouse of Construction Permit 122017-012 previously issued by the Air Pollution Control Program.
2. **Control Device Requirement-Baghouse**
 - A. SEMO Milling, LLC shall control emissions from the equipment in Table 1 using baghouses as specified in the permit application.

Table 1: Equipment Controlled by Baghouses

Emission Unit:	Description:	Control Device ID:
EU-267	#7 Satake degermer: 2nd FL	C107
EU-309	Pneumatic transfer system gravity table top cut	C108
EU-310	Positive pneumatic transfer system 610	C107
EU-311	Cones negative lift transfer system 1 East :4th FL	C152
EU-312	Cones negative lift transfer system 2 East :4th FL	C152
EU-313	2nd Reduction negative lift transfer system 1 East: 4th FL	C110
EU-314	2nd Reduction negative lift transfer system 2 East: 4th FL	C110
EU-315	Norvell sifter 6 box: 3rd FL	Completely sealed unit
EU-316	Positive pneumatic transfer system #7 Satake tailstock: 4th FL	C107
EU-317	Davis corn cutters #1	C109
EU-318	Davis corn cutter #1 positive pneumatic transfer system: 4th FL	C107
EU-321	Positive pneumatic transfer to Greatwestern sifter	C107
EU-322	Positive pneumatic transfer to Macrowave	C152
EU-323	Macrowave feed in conveyor	C152
EU-325	Macrowave feed out conveyor	C152
EU-326	Positive pneumatic transfer to aspirator/cooler	C152

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SPECIAL CONDITIONS:

The permittee is authorized to construct and operate subject to the following special conditions:

Emission Unit	Description	Control Device ID
EU-327	Macrowave aspirator cooler	C152
EU-328	Positive pneumatic transfer Macrowave asp/cool to storage	C123
EU-329	Thermal treatment screw feed in conveyor	C152
EU-330	Thermal treatment screw feed out conveyor	C152
EU-331	Positive pneumatic transfer from thermal to mill	C152

- B. The baghouses shall be operated and maintained in accordance with the manufacturer's specifications. The baghouse shall be equipped with a gauge or meter, which indicates the pressure drop across the control device. These gauges or meters shall be located such that Department of Natural Resources' employees may easily observe them.
- C. Replacement bags for the baghouses shall be kept on hand at all times. The bags shall be made of fibers appropriate for operating conditions expected to occur (i.e. temperature limits, acidic and alkali resistance, and abrasion resistance). The replacement filter material type shall meet or exceed the specifications of the existing filter. The air to cloth ratio shall not be increased when filter replacement is performed.
- D. SEMO Milling, LLC shall monitor and record the operating pressure drop across the baghouses at least once every 24 hours. The operating pressure drop shall be maintained within the design conditions specified by the manufacturer's performance warranty.
- E. SEMO Milling, LLC shall maintain a copy of the baghouse and bags manufacturer's performance warranties on site.
- F. SEMO Milling, LLC shall maintain an operating and maintenance log for the baghouses which shall include the following:
 - 1) Incidents of malfunction, with impact on emissions, duration of event, probable cause, and corrective actions; and
 - 2) Maintenance activities, with inspection schedule, repair actions, and replacements, etc.