

Missouri Department of

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NATURAL RESOURCES

Eric R. Greitens, Governor

Carol S. Comer, Director

OCT 11 2017

Mr. Colby Hitchcock
Director of Operations
Baue Care and Cremation Center
608 Jefferson Street
St. Charles, MO 63301

RE: New Source Review Permit Amendment - Permit Number: 112016-001A
Project Number: 2017-08-073; Installation Number: 183-0242

Dear Mr. Hitchcock:

Baue Care and Cremation Center asked the Air Pollution Control Program to re-evaluate the mercury emission factor for their incinerator. The original emission factor came from a stack test submitted by the applicant. Mercury emission from the incinerator results from dental fillings. The stack test submitted did not state how many dental fillings were in the test. The stack test gave a emission factor of 0.015 pound per body (lb/body) which is significantly higher than the EPA WebFIRE (SCC 3-15-021-01) emission factor of 0.003 lb/body. With the use of mercury fillings decreasing, it was a program decision that the WebFIRE emission factor was to be used to evaluate the potential to emit (PTE) from the incinerator for all emissions. This gives a PTE of 0.0096 ton per year (tpy) of mercury which is below the Screening Model Action Level (SMAL) of 0.01 tpy. Therefore Special Condition 1 from construction permit #112016-001 is no longer needed since the original emission factor gave a PTE above the SMAL and the new PTE is below.

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 thirty 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.ao.mo.gov/ahc.



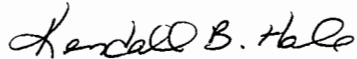
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Mr. Colby Hitchcock
Page Two

If you have any questions regarding this amendment, please do not hesitate to contact Sam Anzalone, 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:saj

Enclosures

c: St. Louis Regional Office
PAMS File: 2017-08-073

Page No.	3
Permit No.	112016-001A
Project No.	2017-08-073

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."

Baue Care and Cremation Center
St. Charles County, S28, T47N, R4E

1. **Superseding Condition**

The conditions of this permit supersede the following special conditions found in the previously issued construction permit 112016-001 issued by the Air Pollution Control Program.

A. **Special Condition 1**