

STATE OF MISSOURI
DEPARTMENT OF NATURAL RESOURCES

Jeremiah W. (Jay) Nixon, Governor • Kip A. Stetzler, Acting Director

www.dnr.mo.gov

SEP 13 2010

CERTIFIED MAIL: 70082810000020166506
 RETURN RECEIPT REQUESTED

Mr. Jason McCauley
 Environmental Manager
 Tyson Foods, Inc. - Sedalia
 19571 Whitfield Road
 Sedalia, MO 65301

RE: New Source Review Temporary Permit Request - Project Number: 2010-08-040
 Installation ID Number: 159-0037; Temporary Permit Number:
 Expiration Date: November 15, 2010 **092010-004**

Dear Mr. McCauley:

The Missouri Department of Natural Resources' Air Pollution Control Program has completed a review of your request for the use of a temporary 1000 HP boiler at Tyson Foods, Inc. - Sedalia, located in Sedalia, Missouri. The Air Pollution Control Program is hereby granting your request to conduct this temporary operation at this location in accordance with Missouri State Rule 10 CSR 10-6.060(3).

According to your Application for Authority to Construct dated August 12, 2010, Tyson Foods, Inc. - Sedalia, is seeking authority to utilize a temporary boiler to continue operations while the existing 1200 HP boiler (Emission Unit 0030) is under going internal piping repair. Initial start up of the temporary boiler is planned for the middle of September 2010. The temporary boiler is rated at 1000 horsepower with a 41.8 million Btu per hour maximum design heat input rate. The boiler will combust natural gas.

The emission factors used in this analysis were obtained from Environmental Protection Agency document AP-42, Compilation of Air Pollutant Emission Factors, Fifth Edition, Section 1.3, Natural Gas Combustion (July 1998). Projected emissions are based on 1500 hours of operation.

Table 1: Emissions Impact from Temporary Boiler

Criteria Air Pollutant	Potential Emissions for Boiler (lb/hr)	Projected Emissions (tons)
PM ₁₀ ¹	0.31	0.23
SO ₂	4.10	3.07
NO _x	0.02	0.02
VOC	0.23	0.17
CO	3.44	2.58
HAPs	2.05E-05	1.54E-05

¹PM₁₀ includes both filterable and condensable PM₁₀ emissions.

REC'D 11/17/10

Mr. Jason McCauley

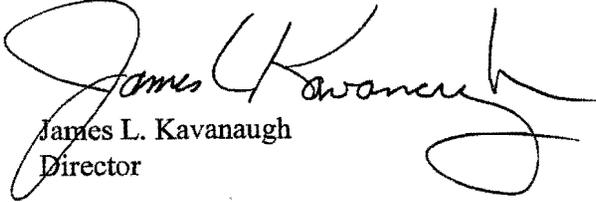
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You are still obligated to meet all applicable air pollution control rules, Department of Natural Resources' rules, or any other applicable federal, state, or local agency regulations. Specifically, you should avoid violating 10 CSR 10-6.045 *Open Burning Requirements*, 10 CSR 10-6.220, *Restriction of Emission of Visible Air Contaminants*, 10 CSR 10-3.090 *Restriction of Emission of Odors*, 10 CSR 10-6.170 *Restriction of Particulate Matter to the Ambient Air Beyond the Premises of Origin*, and 10 CSR 10-3.090, *Restriction of Emission of Odors*; and 10 CSR 10-3.060, *Maximum Allowable Emissions of Particulate Matter From Fuel Burning Equipment Used for Indirect Heating*.

A copy of this letter should be kept with the unit and be made available to Department of Natural Resources' personnel upon verbal request. If you have any questions regarding this determination, please do not hesitate to contact Gerad Fox at the Departments' Air Pollution Control Program, P.O. Box 176, Jefferson City, MO 65102, or by telephone at (573) 751-4817. Thank you for your time and attention to this matter.

Sincerely,

AIR POLLUTION CONTROL PROGRAM



James L. Kavanaugh
Director

JLK:gfk

c: Kansas City Regional Office
PAMS File: 2010-08-040