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JENNIFER M. GRANHOLM  
GOVERNOR

STATE OF MICHIGAN  
DEPARTMENT OF ENVIRONMENTAL QUALITY  
LANSING



STEVEN E. CHESTER  
DIRECTOR

May 12, 2009

Dear Interested Party:

Thank you for your interest regarding the Permit to Install application submitted by Northern Michigan University, to the Michigan Department of Environmental Quality (MDEQ), requesting installation and operation of a wood and coal-fired circulating fluidized bed (CFB) boiler to provide heat and electricity, proposed for location at Wright Street and Sugarloaf Avenue (1401 Presque Isle Avenue mailing address), Marquette, Michigan. This application is subject to the federal Prevention of Significant Deterioration (PSD) regulations.

Pursuant to state and federal requirements, the MDEQ held a 30-day public comment period and a public hearing on November 27, 2007, on its proposed conditional approval of the permit. In response to a request, the public comment period was extended for an additional 30 days and ended on December 27, 2007.

The Air Quality Division (AQD) received 14 written comments during the public comment period and 17 verbal comments were presented at the public hearing.

After careful consideration of the issues and pursuant to the delegation of authority from the Director of the MDEQ, I have approved Permit to Install No. 60-07, with modifications made to the proposed permit.

The enclosed Response to Comments (RTC) Document provides our responses to comments received during the public comment period and at the public hearing. It also identifies special conditions which have been modified and provides our rationale for modifying the proposed special conditions. The changes are listed in Section II of the RTC document. The RTC document and the Permit Terms and Conditions are also available at <http://www.deq.state.mi.us/aps/cwerp.shtml>.

Changes made to the permit include:

- Emission limits for fine particulate matter, identified as PM-2.5, have been added to the permit as Special Conditions (SC) 1.1bb and 1.1cc as well as testing (SC 1.9) and monitoring (SC 1.10) permit conditions for this regulated air pollutant. Presently, test methods for coarse particulate matter (PM-10) are used as a surrogate for PM-2.5.
- Technical clarifications were made in the Emission Limits table for required testing and emission calculations to demonstrate compliance with 12-month emission limits.
- Work practice standards for solid fuel were strengthened in SC 3.1 and 3.2 to assure that there will be no uncontrolled solid fuel storage stockpiles.
- After Northern Michigan University submitted additional information per MDEQ's request to verify the emission rates for hazardous air pollutants (HAP) from the entire University, enforceable emission limits for HAP emissions were added as SC 9.4 and 9.5.

The final permit decision shall become effective June 16, 2008, unless a timely request for review is filed with the Environmental Appeals Board (EAB) of the United States Environmental Protection Agency (USEPA) pursuant to Title 40 of the Code of Federal Regulations (CFR), Parts 124.15 and 124.19.

The EAB is the final federal decision maker on administrative appeals under the PSD program. The EAB has authority to hear permit appeals. Therefore, appeals of my decision may be filed with the EAB. The decision to accept and review an appeal is at the discretion of the EAB. Permit appeals are governed primarily by procedural regulations of 40 CFR, Part 124. Additional information regarding the appeal process may be obtained by either contacting the EAB, at 202-501-7060, or visiting their web site at [www.epa.gov/eab](http://www.epa.gov/eab).

This letter constitutes service of notice of my action. Therefore, in accordance with the PSD Appeal Procedures (40 CFR, Part 124.19), the period within which you may request review begins on the date of this letter and concludes at 4:30 p.m. EDT on June 16, 2008. Your petition for review must be received by the EAB before that date and time.

Thank you for your input regarding our review of this permit application. If you have any questions, please contact Mr. David K. Riddle, AQD, at 517-373-7081, or you may contact me.

Sincerely,

G. Vinson Hellwig, Chief  
Air Quality Division  
517-373-7069

Enclosures

cc/enc: Mayor Jerry Irby, City of Marquette  
Ms. Connie Branam, Marquette County Clerk  
Ms. Pamela Blakley, USEPA, Region 5  
Ms. Laura Cossa, USEPA, Region 5  
Mr. Brian Brady, MDEQ  
Mr. David Riddle, MDEQ