



RICK SNYDER  
GOVERNOR

STATE OF MICHIGAN  
DEPARTMENT OF ENVIRONMENTAL QUALITY  
SAGINAW BAY DISTRICT OFFICE



DAN WYANT  
DIRECTOR

March 27, 2014

Mr. Gisele Duehring  
Northern Michigan University  
Facilities/Heating Plant  
1401 Presque Isle Avenue  
Marquette, MI 49855-5301

SRN: M3792, Marquette County

Dear Ms. Duehring:

**VIOLATION NOTICE**

On March 13, 2014, the Department of Environmental Quality (DEQ), Air Quality Division (AQD), received a copy of the results of stack sampling conducted on January 29, 2014. The test was conducted on the biomass boiler (EU-RGSBBOILER) at Northern Michigan University (NMU), Ripley Heating Plant located at 1401 Presque Isle Avenue, Marquette, Michigan. The purpose of this test was to determine Northern Michigan University's compliance with the requirements of the conditions of permit to install number 29-11.

The results of the testing indicate the following:

| Process Description | Rule/Permit Condition Violated                        | Comments  |
|---------------------|---|---|
| Biomass Boiler      | PTI 29-11 condition I (5)<br>PM limit is .03 lb/MMBtu | The boiler did not meet the limit when tested per the approved test plan. |

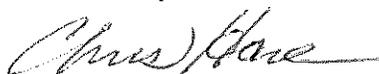
NMU submitted a stack test plan on November 5, 2013 which was subsequently approved by the MDEQ-AQD. However, the test results indicated the unit could not comply with the particulate matter (PM) limit when operating at the approved maximum routine operating conditions. Two test runs were above the permitted limit and the average of all three test runs were measured at 0.044 lb/MMBtu.

Please initiate actions necessary to correct the cited violations and submit a written response to this Violation Notice by April 18, 2014. The written response should include: the dates the violations occurred; an explanation of the causes and duration of the violation; whether the violations are ongoing; a summary of the actions that have been taken and are proposed to be taken to correct the violations and the dates by which these actions will take place; and what steps are being taken to prevent a reoccurrence.

If NMU believes the above observations or statements are inaccurate or do not constitute violations of the applicable legal requirements cited, please provide appropriate factual information to explain your position.

Thank you for your attention to resolving the violation cited. If you have any questions regarding the violation, or the actions necessary to bring this facility into compliance, please contact me at the number listed below.

Sincerely,



Chris Hare  
District Supervisor  
Air Quality Division  
989-894-6215

cc/via email: Ms. Lynn Fiedler, DEQ  
Ms. Teresa Seidel, DEQ  
Mr. Thomas Hess, DEQ  
Mr. Tom Maki, DEQ