



MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
AIR QUALITY DIVISION

**RENEWABLE OPERATING PERMIT
DEVIATION REPORT**

Authorized by 1994 P.A. 451, as amended. Failure to provide this information may result in civil and/or criminal penalties.

This form may be submitted in conjunction with the Renewable Operating Permit Report Certification form (EQP 5736) to report deviations from all general conditions and special conditions in the Renewable Operating (RO) Permit for which deviations required to be reported by Rule 213(3)(c) have occurred. Additional information regarding the reports and documentation listed below must be kept on file for at least 5 years, as described in General Condition No. 22 in the RO Permit and be made available to the Department of Environmental Quality, Air Quality Division, upon request. Items 1 - 8 must be completed for all deviations being reported.

Source Name University of Michigan County Washtenaw

Source Address 1239 Kipke Drive City Ann Arbor

AQD Source ID (SRN) M0675 RO Permit No. MI-ROP-M0675-2014a RO Permit Section No. _____

RO Permit Section Contact Danielle Sheen Contact Phone No. 734-647-1143

Reporting Period (provide inclusive dates): From 1/1/2018 to 12/31/2018

Report Type: Annual Semi Annual Other (Describe) _____

1. Group or Source Wide ID FG-BoilerMact	2. Table/Condition No. IX.3.	3. Date(s) of Occurrence 10/22/2018	4. Previously reported ? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If Yes, Date	5. Duration of Deviation NA
6. Method Used to Determine Compliance Status (if different from method specified in RO Permit) NA		7. Description of Deviation Boiler MACT initial notification was not submitted within 15 days of startup NCRB		
8. Reason for Deviation and Description of Corrective Action Taken The initial notification for the installation of two new boilers was submitted late. The notification was submitted on October 29, 2018. Reminder messages were sent out on the boiler notification requirements.				

1. Group or Source Wide ID EU-T0260-09	2. Table/Condition No. VI.3.	3. Date(s) of Occurrence 7/12/2018 and 7/17/2018	4. Previously reported ? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If Yes, Date	5. Duration of Deviation 3.6 hrs and 3.4 hrs
6. Method Used to Determine Compliance Status (if different from method specified in RO Permit) Temperature and fuel was monitored		7. Description of Deviation Loss data for Nox water due to Delta V software upgrade.		
8. Reason for Deviation and Description of Corrective Action Taken During a software upgrade for the Delta V system, data for the NOx water was not shown and loss. The water to fuel ratio prior and after the loss data, showed no discrepancies. There were no changes in fuel usage or temperature. Additional hardware is being investigated to mitigate loss data.				

1. Group or Source Wide ID EU-T0260-10	2. Table/Condition No. VI.3.	3. Date(s) of Occurrence 7/12/2018 and 7/17/2018	4. Previously reported ? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If Yes, Date	5. Duration of Deviation 3.6 hrs and 3.4 hrs
6. Method Used to Determine Compliance Status (if different from method specified in RO Permit) Temperature and fuel was monitored		7. Description of Deviation Loss data for Nox water due to Delta V software upgrade.		
8. Reason for Deviation and Description of Corrective Action Taken During a software upgrade for the Delta V system, data for the NOx water was not shown and loss. The water to fuel ratio prior and after the loss data, showed no discrepancies. There were no changes in fuel usage or temperature. Additional hardware is being investigated to mitigate loss data.				



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Reporting Period (provide inclusive dates): From 1/1/2018 to 12/31/2018

Report Type: Annual Semi Annual Other (Describe) _____

1. Group or Source Wide ID FG-BT0260-CO	2. Table/Condition No. VI.5.	3. Date(s) of Occurrence 7/12/2018 and 7/17/2018	4. Previously reported ? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If Yes, Date	5. Duration of Deviation 3.6 hrs and 3.4 hrs
6. Method Used to Determine Compliance Status (if different from method specified in RO Permit) Temperature and fuel was monitored		7. Description of Deviation Loss data for Nox water due to Delta V software upgrade.		
8. Reason for Deviation and Description of Corrective Action Taken During a software upgrade for the Delta V system, data for the NOx water was not shown and loss. The water to fuel ratio prior and after the loss data, showed no discrepancies. There were no changes in fuel usage or temperature. Additional hardware is being investigated to mitigate loss data.				

1. Group or Source Wide ID FG-BOILERMACT	2. Table/Condition No. VI.1.b and IX.2.b	3. Date(s) of Occurrence 12/31/2018	4. Previously reported ? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If Yes, Date	5. Duration of Deviation NA
6. Method Used to Determine Compliance Status (if different from method specified in RO Permit) Annual State Boiler inspection was performed		7. Description of Deviation Boiler tune-up per Boiler MACT rule was missed. Laundry Boiler ID MIR101959M		
8. Reason for Deviation and Description of Corrective Action Taken Boiler tune up was missed. The annual state boiler inspection was performed and the boiler tune-up per the Boiler MACT rule is scheduled for March 2019. Reminders to the facility and calendar appointment were scheduled to ensure the the next inspection is not overlooked.				

1. Group or Source Wide ID	2. Table/Condition No.	3. Date(s) of Occurrence	4. Previously reported ? <input type="checkbox"/> Yes <input type="checkbox"/> No If Yes, Date	5. Duration of Deviation
6. Method Used to Determine Compliance Status (if different from method specified in RO Permit)		7. Description of Deviation		
8. Reason for Deviation and Description of Corrective Action Taken				