

DEPARTMENT OF ENVIRONMENTAL QUALITY

AIR QUALITY DIVISION

**FCE Summary Report**

<b>Facility :</b> Kent County Waste to Energy Facility	<b>SRN :</b> N1604
<b>Location :</b> 950 Market Ave SW	<b>District :</b> Grand Rapids
	<b>County :</b> KENT
<b>City :</b> GRAND RAPIDS <b>State:</b> MI <b>Zip Code :</b> 49503	<b>Compliance Status :</b> Compliance
<b>Source Class :</b> MAJOR	<b>Staff :</b> Kaitlyn DeVries
<b>FCE Begin Date :</b> 8/6/2021	<b>FCE Completion Date :</b> 8/5/2022
<b>Comments :</b> FY 2022 FCE	

**List of Partial Compliance Evaluations :**

Activity Date	Activity Type	Compliance Status	Comments
08/02/2022	ROP Annual Cert	Compliance	The Annual compliance Report pursuant to MI-ROP-2018a was received on time and complete. Six (6) deviations were reported for the reporting period. The deviations have all been previously reported and were for downtime for CEMS, downtime for the baghouses associated with Units 1 and 2, the carbon injection system, and for failing to collect 100% of the data in the DAS system.
08/02/2022	ROP SEMI 2 CERT	Compliance	The Second Semi-Annual Compliance Report was received on time and complete. Three (3) deviations were reported for the reporting period. Two (2) deviations were for the downtime for the baghouses associated with FGCOMBUSTORS (Unit 1 and Unit 2). The third deviation was for several instances of CEMS downtime.
08/02/2022	CAM Excursions/Exceedances	Compliance	The CAM excursion/exceedance report was received on time, but was initially missing the certification for the CAM report. This was resubmitted and was on time and complete. No excursions or exceedances were reported for the reporting period. No further action is necessary at this time.

Activity Date	Activity Type	Compliance Status	Comments
08/02/2022	CAM monitor downtime	Compliance	The CAM monitor downtime report was received on time, and complete. The facility had to-resubmit the certification form as the CAM report was not initially identified, but the form was resubmitted and is complete. Two (2) instances of downtime was reported for FGCOMBUSTERS and the baghouses associated with both units having communication errors for 5.72 hours and 7.3 hours for each instance. These were also reported as deviations. This did not result in any exceedances.
07/22/2022	Other	Compliance	2nd Quarter Excess Emissions and Monitoring Systems Performance Report
06/28/2022	On-site Inspection	Compliance	The purpose of the inspection was to determine compliance with MI-ROP-N1604-2018a.
06/28/2022	Stack Test Observation	Compliance	Stack Test Observation Notes - June 27, 2022 - June 29, 2022
06/10/2022	Excess Emissions (CEM)	Compliance	Semiannual Emission Guideline Excess Emission Report (The "H" Report) January 1 - June 30 2021. - See MACES report for further details.
05/10/2022	MAERS	Compliance	CEM and Stack test data primarily used for Unit 1 and 2 emissions estimates. The facility stack tests annually so numbers are always updated. Stack test data provided (pph*hours of operation) = emissions. Supporting docs too large to upload, but AQD has stack test data and was verified for items such as lead and mercury. CE's have been included for PM emissions. No changes were made to the report.
04/18/2022	Other	Compliance	1st Quarter Excess Emissions and Monitoring Systems Performance Report
03/14/2022	Other	Compliance	The Semiannual Emission Guideline Operating and Data Availability Summary Report (The "G" Report) for the time frame of July 1 – December 31, 2021.
02/16/2022	Other	Compliance	Semiannual Emission Guideline Excess Emission Report (The "H" Report) January 1 - June 30 2021.

Activity Date	Activity Type	Compliance Status	Comments
02/14/2022	Other	Compliance	Review of 4th Quarter Excess emissions and Monitoring Systems Performance Report
02/14/2022	Excess Emissions (CEM)	Compliance	4th Quarter Excess Emissions Report - See MACES report
01/31/2022	NSPS (Part 60)	Compliance	Semiannual G Report
01/31/2022	Other	Compliance	The Semiannual Emission Guideline Operating and Data Availability Summary Report (The "G" Report) for the time frame of January 1 – June 30, 2021.
11/19/2021	Other	Compliance	Review of 3rd quarter Excess Emission and Monitoring Systems Performance Report
11/19/2021	Other	Compliance	Semiannual Emission Guideline Excess Emission Report (The "H" Report) January 1 - June 30 2021.
11/19/2021	NSPS (Part 60)	Compliance	Semiannual H Report
11/19/2021	Excess Emissions (CEM)	Compliance	The 3rd Quarter Excess Emission and Monitoring Systems Performance Report was received on time and complete. The submittal was made in accordance with MI-ROP-N1604-2018, FGCOMBUSTORS. See Activity Report: for additional Details.
10/14/2021	Stack Test	Compliance	Emissions Testing Report
10/14/2021	CEM RATA	Compliance	<p>The Annual Relative Accuracy Test Audit (RATA) Report for Units 1 and 2 pursuant to the requirements of 40 CFR Part 60 Appendix B and F was received on time and complete. The RATA was conducted on the primary and the backup monitors for Units 1 and 2.</p> <p>For both the primary and the backup CEMS, the results indicated result less than the required absolute mean difference or the relative accuracy (RA) required by the standards.</p>
10/14/2021	Other	Compliance	Review of Stack Test Report
10/04/2021	Other	Compliance	Review of the 2nd quarter Excess Emission and Monitoring Systems Performance Report

Activity Date	Activity Type	Compliance Status	Comments
10/04/2021	Excess Emissions (CEM)	Compliance	The 2nd Quarter Excess Emission and Monitoring Systems Performance Report was received on time and complete. The submittal was made in accordance with MI-ROP-N1604-2018, FGCOMBUSTORS. See Activity Report: for additional Details.

Name: Kaitlyn Dineen Date: 8/5/2022 Supervisor: HH