

DEPARTMENT OF ENVIRONMENTAL QUALITY

AIR QUALITY DIVISION

FCE Summary Report

Facility : Kent County Waste to Energy Facility	SRN : N1604
Location : 950 Market Ave SW	District : Grand Rapids
	County : KENT
City : GRAND RAPIDS State: MI Zip Code : 49503	Compliance Status : Compliance
Source Class : MAJOR	Staff : Eric Grinstern
FCE Begin Date : 8/31/2019	FCE Completion Date : 8/31/2020
Comments :	

List of Partial Compliance Evaluations :

Activity Date	Activity Type	Compliance Status	Comments
06/23/2020	Scheduled Inspection	Compliance	Compliance Inspection
04/22/2020	Other	Compliance	1st Quarter 2020, January 1 - March 31, Excess Emission and Monitoring Systems Performance Report
04/22/2020	Excess Emissions (CEM)	Compliance	1st Quarter Excess Emissions and Monitoring Systems Performance Report See Report No. CA_N160453401 for details
04/21/2020	MAERS	Compliance	ROP Certification form for MAERS received 3/13/20 Submittal accounts for all applicable emission units and emissions.
04/06/2020	NSPS (Part 60)	Compliance	Semiannual Compliance with Subpart Cb (G) report See activity report No.CA_N160453220 for details.
04/06/2020	NSPS (Part 60)	Compliance	Semiannual Compliance with Subpart Cb (H) report See activity report No.CA_N160453225 for details.

Activity Date	Activity Type	Compliance Status	Comments
04/06/2020	ROP Annual Cert	Compliance	The facility reported 3 deviations that covered numerous individual incidents. 1. Excess emission and monitor downtime report - the facility documented 823.02 hours of CEM and COM downtime. 2. Days when 100% of data was not collected - the facility provided attachment detailing days when less than 100% of data was not collected. 3. Opacity: On October 29, 2019 - the facility has two 6-minute periods when the opacity was 14% and 17%.
04/06/2020	Other	Compliance	Semiannual Emission Guideline Operating and Data Availability Summary Report (The "G" Report) July 1, 2019 - December 31, 2019
04/06/2020	Other	Compliance	Semiannual Emission Guideline Excess Emission Report (The "H" Report) July 1 - December 31, 2019
04/01/2020	CAM Excursions/Exceedances	Compliance	The facility reported two events, one for each unit. The excursion was a low pressure drop associated with startup. The facility monitored opacity during the event, which showed no change.
04/01/2020	CAM monitor downtime	Compliance	The facility reported 6 monitor downtime events that occurred over 3 time periods affected both units. The first event occurred when the units were not operating. The other 2 events were associated with loss of communication with data logger.
04/01/2020	Excess Emissions (CEM)	Compliance	4th Quarter Excess Emissions and Monitoring Systems Performance Report See Activity report No. N160453136 for details
04/01/2020	Other	Compliance	4rd Quarter - Quarterly Excess Emission and Monitoring Systems Performance Report October 1 - December 31, 2019
11/19/2019	Other	Compliance	3rd Quarter - Quarterly Excess Emission and Monitoring Systems Performance Report July 1 - September 30 2019

Activity Date	Activity Type	Compliance Status	Comments
11/19/2019	Excess Emissions (CEM)	Compliance	3rd Quarter Excess Emissions Report See activity report No. CA N160451426 for details
09/30/2019	ROP Semi 1 Cert	Compliance	Facility reported 4 deviations. One deviation for the late submittal of CAM report and 3 associated with low carbon feed rate. The low carbon feed rate was also documented in the "G" Report. Eight-hour block periods when the facility operated below the minimum specified carbon injection rate during the reporting period. Deviation reported for 1/26/2019 from 08:00 - 16:00, Unit 2, carbon flow rate of 9.3, which is below the established rate of 9.4 lbs/hr. From 6/11/19 to 6/27/19, continuous, Units 1&2, carbon flow rate of 9.3 lb/hr. Reason given was adjusting prior to stack testing allowed by regulations. Note: facility did not seek prior approval from AQD as required. 6/28/2019 from 16:00-24:00, Unit 2, carbon flow rate of 4.7, reason, missed alarm.
09/30/2019	CAM Excursions/Exceedances	Compliance	Facility reported 3 excursions. All three excursions were associated with a low baghouse pressure drop during startup. Each excursion lasted less than an hour. Facility documented an opacity of 0% during each excursion.
09/30/2019	CAM monitor downtime	Compliance	Facility reported no CAM monitor downtime for the reporting period.
09/27/2019	Excess Emissions (CEM)	Compliance	2nd Quarter Excess Emissions Report See activity report No. CA N160450634 for details
09/27/2019	NSPS (Part 60)	Compliance	Semiannual Emissions (H) Report See activity report No. CA N160450630 for details
09/27/2019	NSPS (Part 60)	Compliance	Semiannual Emissions (G) Report See activity report No. CA N160450618 for details
09/27/2019	Other	Compliance	Semiannual Emission Guideline Operating and Data Availability Summary Report (The "G" Report) January 1 - June 30, 2019

Activity Date	Activity Type	Compliance Status	Comments
09/27/2019	Other	Compliance	Semiannual Emission Guideline Excess Emission Report (The "H" Report) January 1 - June 30, 2019
09/27/2019	Other	Compliance	2nd Quarter - Quarterly Excess Emission and Monitoring Systems Performance Report April 1 - June 30 2019

Name: Eric Grinstern Date: 8/31/2020

Supervisor: HH