

PLANT

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 : 10/1/2018	FCE Completion Date : 9/30/2019
Comments :	

List of Partial Compliance Evaluations :

Activity Date	Activity Type	Compliance Status	Comments
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.

Activity Date	Activity Type	Compliance Status	Comments
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
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
06/25/2019	Scheduled Inspection	Compliance	Scheduled Inspection
06/06/2019	Other	Compliance	1st Quarter - Quarterly Excess Emission and Monitoring Systems Performance Report January - March 2019
06/06/2019	Other	Compliance	Semiannual Emission Guideline Excess Emission Report (The "H" Report) July1 - December 31, 2018
06/06/2019	Other	Compliance	Semiannual Emission Guideline Operating and Data Availability Summary Report (The "G" Report) July 1-December 31, 2018
06/06/2019	ROP Annual Cert	Compliance	2018 Semi-annual deviation report and annual certification. A total of 11 deviations reported for the year. Reported deviations include: CEM/COM downtime, failure to collect 100% of monitor data, CO emission deviation, carbon injection rate deviation. The only deviation not previously reported was the carbon injection deviation.
06/06/2019	ROP SEMI 2 CERT	Compliance	Reported deviations include: CEM/COM downtime, failure to collect 100% of monitor data, CO emission deviation, carbon injection rate deviation. The only deviation not previously reported was the carbon injection deviation.

Activity Date	Activity Type	Compliance Status	Comments
06/06/2019	NSPS (Part 60)	Compliance	Semiannual H Report See Report No. CA N160449074 for details
06/06/2019	NSPS (Part 60)	Compliance	Semiannual G Report See Report No. N160449074 for details
06/06/2019	CAM Excursions/Exceedances	Compliance	The facility reported no CAM Excursions/Exceedances for the reporting period.
06/06/2019	CAM monitor downtime	Compliance	The facility reported no CAM monitor downtime for the reporting period.
06/06/2019	Excess Emissions (CEM)	Compliance	Quarterly Excess Emissions Report
06/04/2019	Scheduled Inspection	Compliance	Compliance inspection with Region 5 USEPA
04/12/2019	MAERS	Compliance	ROP Certification form for MAERS received on 3/15/19
02/25/2019	Other	Compliance	4th Quarter EER Review Due to State of Emergency, the report could not be hand delivered by January 30th, but was delivered the next business day the State of Michigan was open.
12/20/2018	Excess Emissions (CEM)	Compliance	3rd Quarter Excess Emissions Report
12/20/2018	Other	Compliance	3rd Quarter excess emission and monitoring systems performance report.
12/20/2018	Stack Test	Compliance	Annual Stack Test and RATA reports No issues identified by TPU staff on RATA. No issues identified by TPU on stack test. No operational issues to invalidate test. Results were compared to permit limits, which indicate compliance.
10/22/2018	NSPS (Part 60)	Compliance	Semiannual "G" Report
10/22/2018	ROP Semi 1 Cert	Compliance	One not previously reported deviation included regarding a failure to collect 100% of monitoring data due to scheduled/unscheduled DAHS maintenance activities. In this case it took 24-hours and no facility upsets or excess emissions are believed to have occurred.
10/22/2018	NSPS (Part 60)	Compliance	Semiannual "H" Report

Activity Date	Activity Type	Compliance Status	Comments
10/05/2018	Rule 912	Compliance	Operator could not compensate for a over-fire (hot burn) issue fast enough and CO emissions from Unit 2 spiked. The issue lasted 20 minutes w/ some lingering effects for another 10 minutes. These events happen occasionally but the effects are minimized to the best of the operators ability.

Name:  Date: 9/30/19

Supervisor: 