

DEPARTMENT OF ENVIRONMENTAL QUALITY

AIR QUALITY DIVISION

FCE Summary Report

Facility : Whitefeather Landfill	SRN : N5985
Location : 2401 E. Whitefeather Road	District : Bay City
	County : BAY
City : PINCONNING State: MI Zip Code : 48650	Compliance Status : Compliance
Source Class : MAJOR	Staff : Gina McCann
FCE Begin Date : 9/25/2020	FCE Completion Date : 8/3/2022
Comments : FCE for FY 2022	

List of Partial Compliance Evaluations :

Activity Date	Activity Type	Compliance Status	Comments
07/13/2022	On-site Inspection	Compliance	Scheduled inspection of MI-ROP-N5985-2019 for both section 1 and section 2.
04/06/2022	ROP Annual Cert	Compliance	No deviations. Reported under NSPS WWW and Part 62 Subpart OOO (federal plan). Landfill is <34 Mg/year. Tier 2 results from 8/17/2020 indicated that NMOC emissions rate of 32.11 Mg/year during the year 2025.
04/05/2022	MAERS	Compliance	
04/05/2022	MAERS	Compliance	
04/05/2022	ROP SEMI 2 CERT	Compliance	FGICEENGINES Engine hours of operation, KW production, and LFG flow were not continuously monitored and records. three (3) instances total during the reporting period totally approximately twenty-four (24) hours.

Activity Date	Activity Type	Compliance Status	Comments
04/05/2022	ROP Annual Cert	Compliance	<p>SEMI1 FGRICEENGINES Engine hours of operation, KW production, and LFG flow were not continuously monitored and recorded. Deviation occurred due to an unknown interruption in the CMS recordkeeping system. As the system immediately self-corrected prior to discovery and the system records showed no further disturbances in operation no corrective action was performed. Happened on (4) four separate events ranging from 23 minutes to nearly 22 hours.</p> <p>SEMI2 FGICEENGINES Engine hours of operation, KW production, and LFG flow were not continuously monitored and records. three (3) instances total during the reporting period totally approximately twenty-four (24) hours.</p>
04/05/2022	MACT (Part 63)	Compliance	<p>Subpart ZZZZ Annual Report FGICEENGINES Engine hours of operation, KW production, and LFG flow were not continuously monitored and records. three (3) instances total during the reporting period totally approximately twenty-four (24) hours.</p>
04/04/2022	ROP SEMI 2 CERT	Compliance	<p>No deviations. Reported under NSPS WWW and Part 62 Subpart OOO (federal plan). Landfill is <34 Mg/year. Tier 2 results from 8/17/2020 indicated that NMOC emissions rate of 32.11 Mg/year during the year 2025.</p>
03/18/2022	Stack Test	Compliance	<p>FGICEENGINES EUICEENGINE1 CO 11.1 pph Limit 16.23 pph NOx 2.79 pph Limit 4.92 pph VOC 0.13 g/bhp-hr Limit 1.0 g/bhp-hr</p> <p>EUICEENGINE2 CO 12.0 pph Limit 16.23 pph NOx 2.85 pph Limit 4.92 pph VOC 0.14 g/bhp-hr Limit 1.0 g/bhp-hr</p>

Activity Date	Activity Type	Compliance Status	Comments
09/27/2021	ROP Semi 1 Cert	Compliance	FGRICEENGINES Engine hours of operation, KW production, and LFG flow were not continuously monitored and recorded. Deviation occurred due to an unknown interruption in the CMS recordkeeping system. As the system immediately self-corrected prior to discovery and the system records showed no further disturbances in operation no corrective action was performed. Happened on (4) four separate events ranging from 23 minutes to nearly 22 hours.
09/27/2021	ROP Semi 1 Cert	Compliance	No deviations reported.
09/27/2021	ROP Other	Compliance	Initial Design Capacity and NMOC Emission Rate Reports as required per Part 62 Subpart 000. Uncontrolled emissions for 2021 were calculated to be 25.05 Mg/year using a site-specific NMOC concentration obtained from a Tier 2 five-year retest conducted pursuant to NSPS WWW on 8-17-20. Next test to be completed on or before 8-17-25.
07/07/2021	MAERS	Compliance	MAERS
04/15/2021	Stack Test	Compliance	FGICEENGINES EUIICEENGINE1 CO 13.0 pph limit 16.23 pph 2.75 g/bhp-hr limit 3.3 g/bhp-hr NOx 3.78 pph limit 4.92 pph 0.80 g/bhp-hr limit 1.0 g/bhp-hr VOC 0.12 g/bhp-hr limit 1.0 g/bhp-hr EUIICEENGINE2 CO 12.3 pph limit 16.23 2.60 g/bhp-hr limit 3.3 g/bhp-hr NOx 3.00 pph limit 4.92 pph 0.64 g/bhp-hr limit 1.0 g/bhp-hr VOC 0.12 g/bhp-hr limit 1.0 g/bhp-hr

Activity Date	Activity Type	Compliance Status	Comments
03/23/2021	MACT (Part 63)	Compliance	Subpart ZZZZ Due to recorder fault, the monitoring and recordkeeping for the two engines was interrupted for a total of 17 minutes. Failed to capture KW output, fuel flow and hours of operation for approximately 17 minutes on 9/9/2020. Software interruption was the cause. Deviation was not discovered until the end of month data review. No corrective action was needed as the system had resumed normal operation and records showed no persistent data abnormalities.
03/23/2021	ROP Annual Cert	Compliance	No deviations
03/23/2021	ROP SEMI 2 CERT	Compliance	No deviations
03/23/2021	ROP Annual Cert	Compliance	Due to recorder fault, the monitoring and recordkeeping for the two engines was interrupted for a total of 17 minutes. Failed to capture KW output, fuel flow and hours of operation for approximately 17 minutes on 9/9/2020. Software interruption was the cause. Deviation was not discovered until the end of month data review. No corrective action was needed as the system had resumed normal operation and records showed no persistent data abnormalities.
03/23/2021	ROP SEMI 2 CERT	Compliance	Due to recorder fault, the monitoring and recordkeeping for the two engines was interrupted for a total of 17 minutes. Failed to capture KW output, fuel flow and hours of operation for approximately 17 minutes on 9/9/2020. Software interruption was the cause. Deviation was not discovered until the end of month data review. No corrective action was needed as the system had resumed normal operation and records showed no persistent data abnormalities.
02/25/2021	Stack Test Observation	Unknown	NSPS JJJJ test observation
10/23/2020	ROP Other	Compliance	Tier 2 Test Report - Subpart WWW Results were 25.05 Mg/yr. <50 Mg/year trigger, next Tier 2 test before 8/17/2025.
10/12/2020	ROP Semi 1 Cert	Compliance	No deviations.

Activity Date	Activity Type	Compliance Status	Comments
10/12/2020	ROP Semi 1 Cert	Compliance	No deviations.



Name: _____

Date: _____

8/3/2022

Supervisor: _____

