

DEPARTMENT OF ENVIRONMENTAL QUALITY

AIR QUALITY DIVISION

FCE Summary Report

Facility : Ottawa County Farms Landfill	SRN : N3294
Location : 15550 68th Avenue	District : Grand Rapids
	County : OTTAWA
City : COOPERSVILL E	State: MI Zip Code : 49404 Compliance Status : Compliance
Source Class : MAJOR	Staff : David Morgan
FCE Begin Date : 9/01/2021	FCE Completion Date : 9/9/2022
Comments :	

List of Partial Compliance Evaluations :

Activity Date	Activity Type	Compliance Status	Comments
09/02/2022	MACT (Part 63)	Compliance	Semiannual Compliance with Subparts A and AAAA and SSM Plan. MI-ROP-N3294-2019. SSM Report (Subpart AAAA)- During the reporting period, there were 8 startup, 8 shutdown and 3 malfunction events documented. The company indicated that all provisions of the SSM Plan were followed during the reporting period. SSM records are maintained on site and no changes were made to the plan.
09/02/2022	NSPS (Part 60)	Compliance	Semiannual NSPS report for Subpart WWW and Subpart XXX. The company fulfilled its semiannual NSPS report responsibilities.
09/02/2022	ROP SEMI 2 CERT	Compliance	The company reported deviations for oxygen or pressure exceedances, control system downtime and surface methane emission exceedances. In all cases, the company took corrective actions including installing new wells, re-drilling or re-monitoring. Alternate timeline approvals were approved by AQD. Original signatures for the responsible official were provided.

Activity Date	Activity Type	Compliance Status	Comments
09/02/2022	ROP Annual Cert	Compliance	Company submitted annual compliance certification in accordance with the ROP. The report was certified with an original signature by the responsible official. All deviations are accounted for in report.
09/02/2022	ROP SEMI 2 CERT	Compliance	Postmarked 3/14/22. Deviations for monitoring and system downtime were reported. All deviations were corrected.
09/02/2022	ROP Annual Cert	Compliance	Postmarked 3/14/22. Company submitted annual compliance certification in accordance with the ROP. The report was certified with an original signature by the responsible official. All deviations are accounted for in report.
09/02/2022	MACT (Part 63)	Compliance	Postmarked 3/14/22. Annual Report for Subpart ZZZZ
09/02/2022	MACT (Part 63)	Compliance	Postmarked 3/14/22. Semiannual Compliance with Subparts A and AAAA and SSM Plan. MI-ROP-N3294-2019. SSM Report (Subpart AAAA)- During the reporting period, there were 2 startup, 0 shutdown and 2 malfunction events documented. The company indicated that all provisions of the SSM Plan were followed during the reporting period. SSM records are maintained on site and no changes were made to the plan.
09/02/2022	MACT (Part 63)	Compliance	Postmarked 3/14/22. SSM plan for Subparts A and AAAA. Company fulfilled reporting obligations.
09/02/2022	NSPS (Part 60)	Compliance	Postmarked 3/14/22. Subpart XXX
09/02/2022	Stack Test	Compliance	A stack test report was received for the OCFL. The test was conducted per PTI No. 116-20 for the EUENCLOSEDFLARE. CO emissions were 0.004 lb/MMBtu which is below the 0.20 lb/MMBtu permit limit. All emissions were within applicable limits.
08/25/2022	On-site Inspection	Compliance	

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06/23/2022	Stack Test	Compliance	<p>All results were acceptable. See table below</p> <table border="0"> <tr> <td>Emission unit</td> <td></td> <td>NOx (lb/hr)</td> </tr> <tr> <td>CO (lb/hr)</td> <td></td> <td>VOC (lb/hr)</td> </tr> <tr> <td>HCOH (lb/hr)</td> <td></td> <td>SO2 (lb/hr)</td> </tr> <tr> <td>EUENGINE1</td> <td></td> <td>1.06</td> </tr> <tr> <td>4.57</td> <td></td> <td>1.01</td> </tr> <tr> <td>0.60</td> <td></td> <td>0.27</td> </tr> <tr> <td>EUENGINE3</td> <td></td> <td>1.00</td> </tr> <tr> <td>4.72</td> <td></td> <td>1.09</td> </tr> <tr> <td>0.70</td> <td></td> <td>0.24</td> </tr> <tr> <td>EUENGINE4</td> <td></td> <td>0.34</td> </tr> <tr> <td>5.22</td> <td></td> <td>1.40</td> </tr> <tr> <td>0.70</td> <td></td> <td>0.11</td> </tr> <tr> <td>EUENGINE5</td> <td></td> <td>2.87</td> </tr> <tr> <td>4.29</td> <td></td> <td>0.80</td> </tr> <tr> <td>0.55</td> <td></td> <td>0.33</td> </tr> <tr> <td>EUENGINE6</td> <td></td> <td>1.23</td> </tr> <tr> <td>5.11</td> <td></td> <td>1.16</td> </tr> <tr> <td>0.73</td> <td></td> <td>0.16</td> </tr> <tr> <td>Permit Limits</td> <td></td> <td>4.56</td> </tr> <tr> <td>7.8</td> <td></td> <td>1.7*</td> </tr> <tr> <td>0.76</td> <td></td> <td>1.1</td> </tr> </table> <table border="0"> <tr> <td></td> <td></td> <td>NOx</td> </tr> <tr> <td>CO</td> <td></td> <td>VOC</td> </tr> <tr> <td>HCOH</td> <td>SO2</td> <td></td> </tr> <tr> <td></td> <td></td> <td>(lb/hr) (g/bhp-hr)</td> </tr> <tr> <td>(lb/hr)</td> <td>(lb/hr)</td> <td>(g/bhp-hr) (lb/hr)</td> </tr> <tr> <td>EUENGINE7</td> <td>3.42</td> <td>0.71</td> </tr> <tr> <td>12.0</td> <td>2.50</td> <td>2.09</td> </tr> <tr> <td>0.11</td> <td>1.56</td> <td>0.40</td> </tr> <tr> <td>Permit Limits</td> <td>4.94</td> <td>3.0</td> </tr> <tr> <td>16.3</td> <td>5.0</td> <td>3.2*</td> </tr> <tr> <td>1.0**</td> <td>2.1</td> <td>1.91</td> </tr> </table>	Emission unit		NOx (lb/hr)	CO (lb/hr)		VOC (lb/hr)	HCOH (lb/hr)		SO2 (lb/hr)	EUENGINE1		1.06	4.57		1.01	0.60		0.27	EUENGINE3		1.00	4.72		1.09	0.70		0.24	EUENGINE4		0.34	5.22		1.40	0.70		0.11	EUENGINE5		2.87	4.29		0.80	0.55		0.33	EUENGINE6		1.23	5.11		1.16	0.73		0.16	Permit Limits		4.56	7.8		1.7*	0.76		1.1			NOx	CO		VOC	HCOH	SO2				(lb/hr) (g/bhp-hr)	(lb/hr)	(lb/hr)	(g/bhp-hr) (lb/hr)	EUENGINE7	3.42	0.71	12.0	2.50	2.09	0.11	1.56	0.40	Permit Limits	4.94	3.0	16.3	5.0	3.2*	1.0**	2.1	1.91
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05/26/2022	MAERS	Compliance	Report certification received on 3-8-22 for section 1 and 3/17/22 (postmarked 3/14/22) for section 2																																																																																																
05/10/2022	Stack Test Observation	Compliance	Stack Test Observations of landfill gas fired electric generators																																																																																																

Activity Date	Activity Type	Compliance Status	Comments
12/29/2021	ROP Semi 1 Cert	Compliance	Original signature provided. The company reported one deviation for a well exceeding O2 greater than 5% for greater than 15 days. The company took corrective actions by repairing/replacing lateral lines and maintaining water pumps. Alternate timelines were ultimately approved by AQD. Watered and/or failed wells. OCFL submitted alternative timeline requests for H16, HI 7, HIB 33R, 64A, and SUMP for, which EGLE approved. OCFL submitted request to abandon SC3 and SC4, which EGLE approved.
12/29/2021	MACT (Part 63)	Compliance	Semiannual Compliance with Subparts A and AAAA and SSM Plan. MI-ROP-N3294-2019. SSM Report (Subpart AAAA)- During the reporting period, there were 18 startup, 23 shutdown and 4 malfunction events documented. The company indicated that all provisions of the SSM Plan were followed during the reporting period. SSM records are maintained on site and no changes were made to the plan.
12/29/2021	ROP Semi 1 Cert	Compliance	Postmarked 9-15-20 Original signature from responsible official provided. During the reporting period Plant 1 landfill gas usage was continuously monitored and recorded except for two (2) brief instances lasting less than one hour, occurring 1/22/21 8:45 to 9:30, 5/7/21 9:00 to 9:30, and two (2) instances at least one hour in length, occurring 3/13/21 11:45 to 3/13/21 12:45, 4/12/21 3:15 to 7:15. Each noted instance was due to a data interruption in the CMS recording software. In each case, the system self-corrected and the deviation was not discovered until monthly data was reviewed. As the system had resumed normal operation and records showed no persistent data abnormalities, no corrective action was performed or warranted. During each event, the facility was not in compliance with the following continuous monitoring permit condition: FGTREATMENTSYS-XXX VI.1.a

Activity Date	Activity Type	Compliance Status	Comments
12/29/2021	MACT (Part 63)	Compliance	Semiannual SSM Report Semiannual Compliance with Subparts A and AAAAA and SSM Plan. MI-ROP-N3294-2019. SSM Report (Subpart AAAAA)- During the reporting period, there were 34 startup, 0 shutdown and 34 malfunction events documented. The company indicated that all provisions of the SSM Plan were followed during the reporting period. SSM records are maintained on site and no changes were made to the plan.
12/29/2021	NSPS (Part 60)	Compliance	Postmarked 9-15-21 Semiannual Compliance for Subpart WWW and XXX. The company fulfilled its semiannual NSPS report responsibilities.
09/21/2021	NSPS (Part 60)	Compliance	Annual Liquids Addition Reporting per Subpart XXX. No leachate recirculated.
09/10/2021	ROP Annual Cert	Compliance	Company submitted annual compliance certification in accordance with the ROP. The report was certified with an original signature by the responsible official. All deviations are accounted for in report.
09/10/2021	ROP Annual Cert	Compliance	No deviations reported. Original signature from responsible official provided.



9/9/2022



Name: _____

Date: _____

Supervisor: _____