

DEPARTMENT OF ENVIRONMENTAL QUALITY
AIR QUALITY DIVISION

FCE Summary Report

Facility : ORCHARD HILL SANITARY LANDFILL	SRN : N5719
Location : 3290 HENNESEY RD	District : Kalamazoo
	County : BERRIEN
City : WATERVLIET State: MI Zip Code : 49098	Compliance Status : Compliance
Source Class : MAJOR	Staff : Matthew Deskins
FCE Begin Date : 8/21/2014	FCE Completion Date : 8/21/2015
Comments :	

List of Partial Compliance Evaluations :

Activity Date	Activity Type	Compliance Status	Comments
08/14/2015	Scheduled Inspection	Compliance	Unannounced Scheduled Inspection. Chip Shaw was the contact for Section 1 (OHSL) and Tim (TJ) Robertson and Dan Zimmerman were my contacts for Section 2 (Granger Electric).
05/13/2015	Stack Test	Compliance	Granger Engine Testing to determine compliance with NOx, CO, and VOC emissions limits as set forth in the NSPS for spark fired internal combustion engines (40 CFR Part 60 Subpart JJJJ).
04/06/2015	MAERS	Compliance	
04/01/2015	ROP SEMI 2 CERT	Compliance	The facility certified that there were no deviations during the reporting period.
04/01/2015	ROP Annual Cert	Compliance	The facility certified that there were no deviations during the reporting period.

Activity Date	Activity Type	Compliance Status	Comments
04/01/2015	MACT (Part 63)	Compliance	This is the SSM Report for Granger Electric. The facility wasn't aware that they had to submit this because they thought the landfill wasn't subject to AAAA yet. The landfill became subject to AAAA when the plant was constructed because it made them both a major source of HAPs due to Formaldehyde emissions from the engines. Staff did not send a violation notice in this instance because they had an SSM Plan and were keeping the information. For this reporting period they reported 22 start-ups, 13 shutdowns, and 9 malfunction events. They stated that actions taken during SSM events were consistent with the procedures listed in their plan and no revisions had to be made to the SSM Plan.
04/01/2015	MACT (Part 63)	Compliance	Annual ZZZZ Report. There is not many requirements of this regulation to the facility except that they have to track fuel usage and show that greater than or equal to 10% of their fuel used in their engines is landfill gas (they use 100%).
04/01/2015	ROP SEMI 2 CERT	Compliance	The facility certified that they were in compliance with all the conditions contained in their ROP and that no deviations occurred during the reporting period.
04/01/2015	ROP Annual Cert	Compliance	The facility certified that they were in compliance with all the conditions contained in their ROP and that no deviations occurred during the reporting period.
04/01/2015	NSPS (Part 60)	Compliance	Semi-Annual NSPS/GCCS Report. See comments made under ROP Semi-Annual/Annual Certification and for a copy of the report refer to the ROP Certification File.
04/01/2015	MACT (Part 63)	Compliance	Semi-Annual SSM Report. The facility reported that 26 start-ups, 25 shutdowns, and 3 malfunctions occurred during the reporting period. They stated that no plan revisions had to be made due to actions taken during an SSM event not consistent with the SSM Plan. See a copy of the report in the ROP Certification File.

Activity Date	Activity Type	Compliance Status	Comments
12/05/2014	Complaint Investigation	Compliance	Odor Complaint Investigation
10/16/2014	MACT (Part 63)	Compliance	This is the SSM Report for Granger Electric. The facility wasn't aware that they had to submit this because they thought the landfill wasn't subject to AAAA yet. The landfill became subject to AAAA when the plant was constructed because it made them both a major source of HAPs due to Formaldehyde emissions from the engines. Staff did not send a violation notice in this instance because they had an SSM Plan and were keeping the information. For this reporting period they reported 9 start-ups, 5 shutdowns, and 4 malfunction events. They stated that actions taken during SSM events were consistent with the procedures listed in their plan and no revisions had to be made to the SSM Plan.
09/29/2014	ROP Semi 1 Cert	Compliance	The facility certified that no deviations occurred during the reporting period. However, the facility didn't submit an SSM Report. After staff looked at the file, the NSR Permit didn't include the EU-Treatment System table that includes the SSM Reporting. The ROP was then modified to roll in the NSR Permit which still didn't include the treatment system table. Staff will get with the company to see if they could submit a new NSR to incorporate the EU-Treatment System requirements. We will then have to modify the ROP again afterwards.
09/29/2014	NSPS (Part 60)	Compliance	Semi-Annual NSPS/GCCS Report. See comments made under ROP Semi-Annual/Annual Certification and for a copy of the report refer to the ROP Certification File.
09/29/2014	ROP Semi 1 Cert	Compliance	The facility certified that there were no deviations during the reporting period.

Activity Date	Activity Type	Compliance Status	Comments
09/29/2014	MACT (Part 63)	Compliance	Semi-Annual SSM Report. The facility reported that 12 start-ups, 12 shutdowns, and 7 malfunctions occurred during the reporting period. They stated that no plan revisions had to be made due to actions taken during an SSM event not consistent with the SSM Plan. See a copy of the report in the ROP Certification File.

Name: Matt Dahl

Date: 8-26-15

Supervisor: ma 8/26/2015