

DEPARTMENT OF ENVIRONMENTAL QUALITY
AIR QUALITY DIVISION

FCE Summary Report

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|---|---------------------------------------|
| 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 : 8/2/2016 | FCE Completion Date : 8/2/2017 |
| Comments : | |

List of Partial Compliance Evaluations :

| Activity Date | Activity Type | Compliance Status | Comments |
|---------------|----------------------|-------------------|--|
| 07/26/2017 | Scheduled Inspection | Compliance | Unannounced Scheduled Inspection |
| 05/17/2017 | MAERS | Compliance | |
| 03/24/2017 | MACT (Part 63) | Compliance | Semi-Annual SSM Report. The facility reported that 14 start-ups, 14 shutdowns, and 0 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. |
| 03/24/2017 | 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. |
| 03/24/2017 | MACT (Part 63) | Compliance | Semi-Annual SSM Report. The facility reported that 13 start-ups, 10 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. For a copy of the report refer to the ROP Certification File. |

| Activity Date | Activity Type | Compliance Status | Comments |
|---------------|-----------------|-------------------|---|
| 03/24/2017 | NSPS (Part 60) | Compliance | Although they don't specifically mention it in their submittal, this NSPS report is included as part of their semi-annual and annual ROP certification and relates to operation of their treatment system. This report has a few things that need to be reported if necessary but it typically just lists the downtimes of the control system greater than one hour. In the past, staff hasn't specifically added this report as a report received but will do so from now on. Please see the semi-annual/annual ROP certifications for comments as well as that file for a copy of the report. |
| 03/24/2017 | ROP SEMI 2 CERT | Compliance | The facility reported one deviation for when the landfill gas flow and KW output wasn't being recorded for a period of 29 minutes. This hasn't been a common occurrence and the facility appears to have taken steps to help prevent it in the future. Staff will not consider it to be a violation at this time. |
| 03/24/2017 | ROP Annual Cert | Compliance | The facility reported one deviation for when the landfill gas flow and KW output wasn't being recorded for a period of 29 minutes. This hasn't been a common occurrence and the facility appears to have taken steps to help prevent it in the future. Staff will not consider it to be a violation at this time. |
| 03/24/2017 | MACT (Part 63) | Compliance | Annual ZZZZ report. See comments made under ROP Semi-Annual/Annual Certification and for a copy of the report refer to the ROP Certification File. |
| 03/24/2017 | ROP Annual Cert | Compliance | The facility reported one deviation for when the landfill gas flow wasn't being recorded to the control device or bypass valve for approximately 6 hours. This hasn't been a common occurrence and the facility appears to have taken steps to help prevent it in the future. Staff will not consider it to be a violation at this time. |

| Activity Date | Activity Type | Compliance Status | Comments |
|---------------|------------------------|-------------------|--|
| 03/24/2017 | ROP SEMI 2 CERT | Compliance | The facility reported one deviation for when the landfill gas flow wasn't being recorded to the control device or bypass valve for approximately 6 hours. This hasn't been a common occurrence and the facility appears to have taken steps to help prevent it in the future. Staff will not consider it to be a violation at this time. |
| 03/23/2017 | 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). Results indicate compliance with permit limits. |
| 02/08/2017 | Stack Test Observation | Compliance | Stack test observation of the two internal combustion engines. |
| 09/28/2016 | ROP Semi 1 Cert | Compliance | The facility certified that no deviations occurred during the reporting period. |
| 09/28/2016 | MACT (Part 63) | Compliance | Semi-Annual SSM Report. The facility reported that 11 start-ups, 9 shutdowns, and 2 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. |
| 09/28/2016 | ROP Semi 1 Cert | Compliance | The facility certified that no deviations occurred during the reporting period. |
| 09/28/2016 | MACT (Part 63) | Compliance | Semi-Annual SSM Report. The facility reported that 15 start-ups, 15 shutdowns, and 0 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. |
| 09/28/2016 | 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. |

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| 09/28/2016 | NSPS (Part 60) | Compliance | Although they don't specifically mention it in their submittal, this NSPS report is included as part of their semi-annual and annual ROP certification and relates to operation of their treatment system. This report has a few things that need to be reported if necessary but it typically just lists the |

Name: Matt Dehn

Date: 8-3-17

Supervisor: MD 8/3/17