

DEPARTMENT OF ENVIRONMENTAL QUALITY
AIR QUALITY DIVISION

FCE Summary Report

Facility : Granger Grand River Avenue Landfill	SRN : N5996
Location : 8550 W. Grand River Avenue	District : Lansing
	County : CLINTON
City : GRAND LEDGE State: MI Zip Code : 48837	Compliance Status : Compliance
Source Class : MAJOR	Staff : Michelle Luplow
FCE Begin Date : 2/13/2013	FCE Completion Date : 7/27/2015
Comments :	

List of Partial Compliance Evaluations :

Activity Date	Activity Type	Compliance Status	Comments
07/27/2015	Scheduled Inspection	Compliance	Announced, scheduled compliance inspection.
03/20/2015	ROP Annual Cert	Compliance	Reporting period 1/1/2014 to 12/31/2014. No deviations were reported during this time period; in compliance with all monitoring/recordkeeping ROP requirements. Certified by Ralph Nuerenberg, Responsible Official.
03/20/2015	ROP SEMI 2 CERT	Compliance	Reporting period 7/1/2014 to 12/31/2014. No deviations were reported; in compliance with all monitoring/recordkeeping ROP requirements. Certified by Ralph Nuerenberg, Responsible Official.
03/20/2015	MAERS	Compliance	MAERS certification for 1/1/2014 - 12/31/2014 received March 12, 2014; certified by responsible official Ralph Nuerenberg. Check MAERS for any review comments.
03/20/2015	Stack Test	Compliance	Tier 2 NMOC emission rate calculations based on collected sample of landfill gas from July 2011. Tier 2 NMOC emissions for 2014 = 10.34 Mg/yr.
09/30/2014	ROP Semi 1 Cert	Compliance	Reporting period 1/1/2014 to 6/30/2014. No deviations were reported, in compliance with all monitoring/recordkeeping ROP requirements. Certified by Ralph Nuerenberg, Responsible Official.

Activity Date	Activity Type	Compliance Status	Comments
04/02/2014	Stack Test	Compliance	Tier 2 NMOC emission rate calculations based on collected sample of landfill gas from July 2011. Tier 2 NMOC emissions for 2013 = 10.65 Mg/yr.
03/19/2014	MAERS	Compliance	MAERS certification for 1/1/2013 - 12/31/2013 received March 4, 2014; certified by responsible official Ralph Nuerenberg. Check MAERS for any review comments.
03/19/2014	ROP SEMI 2 CERT	Compliance	Reporting period 7/1/2013 to 12/31/2013. No deviations were reported, in compliance with all monitoring/recordkeeping ROP requirements. Certified by Ralph Nuerenberg, Responsible Official.
03/19/2014	ROP Annual Cert	Compliance	Reporting period 1/1/2013 to 12/31/2013. No deviations were reported during this time period, in compliance with all monitoring/recordkeeping ROP requirements. Certified by Ralph Nuerenberg, Responsible Official.
09/24/2013	ROP Semi 1 Cert	Compliance	Reporting period 1/1/2013 to 6/30/2013. No deviations were reported, in compliance with all monitoring/recordkeeping ROP requirements. Certified by Ralph Nuerenberg, Responsible Official.

Activity Date	Activity Type	Compliance Status	Comments
05/06/2013	MAERS	Compliance	<p>MAERS certification for 1/1/2012 - 12/31/2012 received March 25, 2013; certified by responsible official Ralph Nuerenberg. Audit Result: Passed 5/6/13.</p> <p>Source Type HAPs in AQD Field changed to "Major" because source is major for formaldehyde.</p> <p>Updated EUICE and EULANDFILL AQD Fields for MACT, NSPS and/or NESHAP regulatory applicability.</p> <p>Under RG_ENGINES, SO2 does not have an AP-42 emission factor. A recalculated SO2 value for RG_ENGINES was sent with updated attachments for MAERS as the originally reported SO2 value to MAERS was incorrect. The values/attachments currently in MAERS for SO2 are the correct, updated versions. SO2 was calculated based on Mass balance and AP-42 concentrations in landfill gas (Table 2.4-1) for carbon disulfide, and carbonyl sulfide, and based on H2S concentrations in landfill gas which was determined based on a strip test in the gas stream. SO2 was recalculated to reflect the concentration determined from the strip test.</p> <p>Landgem was used to calculate fugitive emissions from the closed site 1996 - 2011, EUHISTFUGITIVE. This should only show up in this MAERS report only to account for fugitive emissions from the closed landfill that had not been previously included in MAERS reports.</p>
03/21/2013	ROP Annual Cert	Compliance	<p>Reporting period 1/1/2012 to 12/31/2012. No deviations were reported during this time period, in compliance with all monitoring/recordkeeping ROP requirements. Certified by Ralph Nuerenberg, Responsible Official.</p>

Activity Date	Activity Type	Compliance Status	Comments
03/21/2013	ROP SEMI 2 CERT	Compliance	Reporting period 7/1/2012 to 12/31/2012. No deviations were reported, in compliance with all monitoring/recordkeeping ROP requirements. Certified by Ralph Nuerenberg, Responsible Official.
03/18/2013	Stack Test	Compliance	Tier 2 NMOC emission rate calculations based on collected sample of landfill gas from July 2011. Tier 2 NMOC emissions for 2012 = 10.65 Mg/yr. This calculation includes both the closed and open landfills where previous NMOC emission rate reports only included open landfill NMOC emissions. A copy of the corrected NMOC emission rates (to incorporate the closed landfill) from years 1996-2012 is attached to the report.

Name: Melvin M. Lopez Date: 8-28-15 Supervisor: B.M.