

DEPARTMENT OF ENVIRONMENTAL QUALITY

AIR QUALITY DIVISION

FCE Summary Report

Facility : Venice Park RDF	SRN : N5910
Location : 9536 Lennon Rd.	District : Lansing
	County : SHIAWASSEE
City : LENNON State: MI Zip Code : 48449	Compliance Status : Non Compliance
Source Class : MAJOR	Staff : Julie Brunner
FCE Begin Date : 9/1/2014	FCE Completion Date : 9/28/2015
Comments : Noncompliance with PTI 166-11 was identified. For FGEngines1-2, the 12-month rolling MMBtu data up to August 2015 was 158,980.8 MMBtu/12-month rolling. The LF gas usage limit on PTI 166-11 is 158,832 MMBtu/12-month rolling.	

List of Partial Compliance Evaluations :

Activity Date	Activity Type	Compliance Status	Comments
09/28/2015	MACT (Part 63)	Compliance	SMI-ROP-N5910-2010, Sec.1. Startup, shutdown malfunction report; 40 CFR 63, Subpart AAAA; Res. official, John Gall, WM District Manager.
09/28/2015	ROP Semi 1 Cert	Compliance	SMI-ROP-N5910-2010, Sec.1; 40 CFR Subpart WWW; 40 CFR 63, Subpart AAAA; Res. official, John Gall, WM District Manager. EUACTIVECOLL, deviation, wellhead O2 > 5% for > 15 days, EW 179 - O2 exceedance due to suspected pinched or water remote leg, cleared in 4/2015 and 6 new wells added in 5/2015; 3 within 120-day of initial exceedance. EW15 and EW17R - O2 exceedance due to age of waste and declining gas production, HOV request sent 7/6/2015.
09/28/2015	NSPS (Part 60)	Compliance	MI-ROP-N5910-2010, Sec.2; 40 CFR 60, Subpart WWW. Res. official, Robert Evans. NANR gas engine plant.
09/28/2015	MACT (Part 63)	Compliance	SMI-ROP-N5910-2010, Sec.2. Startup, shutdown malfunction report; 40 CFR 63, Subpart AAAA; Res. official, Robert Evans. NANR gas engine plant.

09/21/2015	Other	Compliance	<p>Email to Lori Winter regarding letter request dated July 6, 2015 for an alternative operating scenario pursuant to 40 CFR 60.755(a)(5) for two (2) existing collectors identified as EW15 and 17R which was approved. The approval is contingent on following the procedures in USEPA applicability determination index (ADI) Control No. 0600062 that includes the following components:</p> <ol style="list-style-type: none"> <li>1. Nonproductive wells where oxygen concentrations do not decline to acceptable levels after more than one hour of reduced vacuum will be shut off until the gas quality recovers.</li> <li>2. The monthly monitoring required by 40 CFR 60.755 will be conducted for nonproductive wells that have been shut down, but positive pressure or elevated oxygen concentrations will not be considered exceedances of the operating limits in 40 CFR 60.753.</li> <li>3. If monthly monitoring indicates that pressure has built up in the nonproductive well and the oxygen concentration still exceeds five (5) percent, the well will be opened to relieve the pressure and will be shut down until it is monitored the following month.</li> <li>4. If the monthly monitoring indicates that gas quality has improved (i.e. oxygen concentration has dropped below five (5) percent), the well will be brought back on line until the gas quality declines again.</li> <li>5. The quarterly methane surface concentration monitoring per 40 CFR 60.755 will be conducted for wells that have been shut down. Standard remediation steps, including evaluating the need to return wells to full-time service, will be followed if exceedances of the 500 ppm methane surface concentration limit are detected.</li> <li>6. Facility diagrams must be updated to indicate which wells have been shut down because</li> </ol>
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09/21/2015	Other	Compliance	landfill gas production rates are too low to permit continuous extraction.
09/14/2015	Scheduled Inspection	Non Compliance	Scheduled inspection, a Partial Compliance Evaluation (PCE) activity, conducted as part of a Full Compliance Evaluation (FCE).
03/17/2015	MACT (Part 63)	Compliance	MI-ROP-N5910-2010. Res. official, John Gall. Startup, Shutdown, and Malf. Plan. required by MACT subpart AAAA. 2 events total occurred.
03/17/2015	ROP Annual Cert	Compliance	MI-ROP-N5910-2010. Res. official, John Gall.
03/17/2015	NSPS (Part 60)	Compliance	MI-ROP-N5910-2010. Res. official, John Gall. NSPS report includes summary of methane monitoring and well head data exceedances. All exceedances followed ROP requirements and timelines. No deviations associated with report.
03/17/2015	ROP SEMI 2 CERT	Compliance	MI-ROP-N5910-2010. Res. official, John Gall.
03/17/2015	MAERS	Compliance	MI-ROP-N5910-2010. Res. official, John Gall. Cert. received 3/12/2015. Not recommended for audit this year.
03/17/2015	ROP SEMI 2 CERT	Compliance	MI-ROP-N5910-2010. Res. official, Robert Evans. NANR gas engine plant.
03/17/2015	ROP Annual Cert	Compliance	MI-ROP-N5910-2010. Res. official, Robert Evans. NANR gas engine plant.
03/17/2015	MAERS	Compliance	ROP certification received on 3/16/15 for electric plant. Not recommended for audit this year.
03/17/2015	MACT (Part 63)	Compliance	Subpart AAAA; Startup, shutdown, malfunction report. MI-ROP-N5910-2010. Res. official, Robert Evans. NANR gas engine plant.
03/17/2015	NSPS (Part 60)	Compliance	Subpart WWW.. MI-ROP-N5910-2010. Res. official, Robert Evans. NANR gas engine plant.
01/20/2015	ROP R215 Notification	Compliance	C-001 form: Notification of minor modification PTI 123-11A for 4 - 3516 and 4 - 3520 ICE at NANR for MI-ROP-N5910-2010.

Activity Date	Activity Type	Compliance Status	Comments
11/06/2014	Stack Test	Compliance	Stack test results for NANR G3520C ICES 7R, 8R, 9, and 10 at Venice Park RDF for CO, VOC, NOx, and PM2.5 (ICES 7R, 8R only), pursuant to JJJJ, NANR's PTI, and consent order. Results indicate that units were in compliance with their emission limits and operating at near 100% load conditions of 1600 KW. On 11/13/14 LDO received confirmation from TPU's David Patterson that the results are acceptable to the AQD.
10/23/2014	Malfunction Abatement Plan	Compliance	Revised MAP for EUWMENGINE1 and EUWMENGINE2 as required by PTI 166-11.
09/16/2014	ROP Semi 1 Cert	Compliance	No deviations.
09/16/2014	MACT (Part 63)	Compliance	40 CFR Part 63, Subpart AAAA, startup, shutdown and malfunction plan report. No deviations.
09/16/2014	ROP Semi 1 Cert	Compliance	No deviations.
09/16/2014	NSPS (Part 60)	Compliance	NSPS semi-annual report, combined with ROP semi-annual deviation report.
09/09/2014	MACT (Part 63)	Compliance	40 CFR Part 63 Subpart AAAA, startup, shutdown and malfunction plan report. No deviations.

Name: Julie L. Brown Date: 9/29/15 Supervisor: B.M.