

DEPARTMENT OF ENVIRONMENTAL QUALITY
AIR QUALITY DIVISION

FCE Summary Report

Facility : DETROIT THERMAL BEACON HEATING PLANT	SRN : B2814
Location : 541 MADISON AVE	District : Detroit
	County : WAYNE
City : DETROIT State: MI Zip Code : 48226	Compliance Status : Compliance
Source Class : MAJOR	Staff : Todd Zynda
FCE Begin Date : 11/18/2015	FCE Completion Date : 11/18/2016
Comments :	

List of Partial Compliance Evaluations :

Activity Date	Activity Type	Compliance Status	Comments
11/18/2016	Scheduled Inspection	Compliance	Scheduled Inspection
11/09/2016	Excess Emissions (CEM)	Compliance	3rd Quarter (June 1, 2016 through September 30, 2016) PEMS Monitor Downtime and Excess Emission Reports. The reports indicates no monitor downtime and no excess emissions for Boiler 6. The report indicates no excess emissions and 1 hour of monitor downtime for Boiler 7.
09/22/2016	ROP Semi 1 Cert	Non Compliance	The facility reports 1st Quarter NOx excess emissions for Boiler 6 (597 hrs) and Boiler 7 (332 hrs). The facility reports 2nd Quarter NOx excess emissions for Boiler 6 (10 hrs) and Boiler 7 (11 hrs). Consent Order AQD No. 24-2016 (effective date 6/22/2016) addresses the hourly exceedances of the NOx limit (0.036 MMBtu/hr). The facility does not report any excess emissions after the effective date of the Consent Order. However, the facility failed to submit the 2nd Quarter excess emission report within 30 days per AQD No. 24-2016, 9B.

Activity Date	Activity Type	Compliance Status	Comments
09/13/2016	Stack Test	Compliance	<p>Stack test Report for PM and CO. Measured PM and CO emissions were less than emission limits specified in MI-ROP-B2814-2014. The report also included a RATA Summary Report for Boilers 6 and 7. The percent relative accuracy was less than 20% for both Boiler 6 and Boiler 7. The RATA resulted in identifying problems with the PEMS when boilers were operating at low loads. The facility made adjustments to the PEMS and met RATA requirements. Follow up information regarding hourly NOx emission data indicated an exceedance of the hourly limit of 0.036 lb/MMBtu for both Boiler 6 and 7. This issue was ultimately resolved through Consent Order No. 24-2016.</p>
04/21/2016	ROP SEMI 2 CERT	Non Compliance	<p>The facility reports that there may have been deviations. However, the facility did not include a deviation report. The facility was not in compliance with MI-ROP-B2814-2014: FG-BOILERS_6,7, SC I.1.1d and was referred to enforcement.</p> <p>The facility states that an updated deviation report will be submitted once the company confirms that deviations occurred. The facility admitted to deviations and a consent order will be going out for public comment in the coming weeks. An updated deviation report has not been received.</p>
04/19/2016	ROP Annual Cert	Non Compliance	<p>The facility reports that there may have been deviations. However, the facility did not include a deviation report. The facility was not in compliance with MI-ROP-B2814-2014: FG-BOILERS_6,7, SC I.1.1d and was referred to enforcement.</p> <p>The facility states that an updated deviation report will be submitted once the company confirms that deviations occurred. The facility admitted to deviations and a consent order will be going out for public comment in the coming weeks. An updated deviation report has not been received.</p>

Activity Date	Activity Type	Compliance Status	Comments
03/31/2016	MAERS	Compliance	2015 MAERS
03/31/2016	ROP Other	Compliance	2015 MAERS Report/ROP Certification Form - Report received late
03/31/2016	Other	Compliance	2015 MAERS Review

Name: 
 Date: 11/28/16
 Supervisor: JIK