

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 : 12/11/2017	FCE Completion Date : 12/11/2018
Comments :	

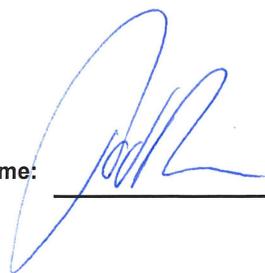
List of Partial Compliance Evaluations :

Activity Date	Activity Type	Compliance Status	Comments
12/11/2018	Scheduled Inspection	Compliance	December 11, 2018 Inspection
11/07/2018	Excess Emissions (CEM)	Compliance	3rd Quarter 2018 (July 1, 2018 through September 30, 2018) PEMS Monitor Downtime and Excess Emission Reports and RAA. The facility reports no excess emissions. The facility reports 0.18% monitor downtime for Boiler 6 and 0.56% monitor downtime for Boiler 7.
09/25/2018	ROP Semi 1 Cert	Non Compliance	The facility reports two deviations for the reporting period (1/1/2018 through 6/30/2018). The facility reports that the 2017 Annual ROP Certification and 2nd half 2017 Semiannual ROP Certification were untimely. A violation notice was issued for these instances. Please see Violation Notices dated April 11, 2018 and May 18, 2018. The ROP Certifications were received June 15, 2018 (3 months late).
08/08/2018	Excess Emissions (CEM)	Compliance	2nd Quarter 2018 (April 1, 2018 through June 30, 2018) PEMS Monitor Downtime and Excess Emission Reports and RAA. The facility reports no excess emissions and no monitor downtime for Boilers 6 and 7.

Activity Date	Activity Type	Compliance Status	Comments
06/21/2018	ROP Annual Cert	Non Compliance	The facility reports deviations for excess emissions of the NOx emission limit (0.036 lb/MMBtu) at FG-Boiler_6,7. These exceedances were previously documented through the violation notices issued on January 10, 2018 (3rd Quarter) and June 26, 2017 (1st Quarter).
06/20/2018	Other	Compliance	2017 MAERS Audit
06/15/2018	ROP SEMI 2 CERT	Non Compliance	The facility reports deviations for excess emissions of the NOx emission limit (0.036 lb/MMBtu) at FG-Boiler_6,7. These exceedances were previously documented through the violation notice issued on January 10, 2018 (3rd Quarter).
05/08/2018	Stack Test	Compliance	PM and CO Compliance Testing Report for Boilers 6 and 7 received on May 7, 2018. Testing results indicate compliance with MI-ROP-B2814-2014, FG-BOILER_6,7, SC 1.1a (CO - 0.073 lb/MMBtu), SC 1.1c (CO - 84.6 lb/hour), SC 1.1h (PM10 - 0.007 lb/MMBtu), and SC 1.1j (PM10 - 21.8 lb/hour). Boiler 6 average emission rates are as follows: PM - <0.4 lb/hour and <0.003 lb/MMBtu; CO - 0.15 lb/hr and 0.0012 lb/MMBtu. Boiler 7 average emission rates are as follows: PM - <0.6 lb/hour and <0.005 lb/MMBtu; CO - 0.13 lb/hr and 0.0011 lb/MMBtu.
02/05/2018	Other	Compliance	Review of PEMS 4th Quarter 2017 Downtime and Excess Emissions Report
02/02/2018	Excess Emissions (CEM)	Compliance	4th Quarter (October 1, 2017 through December 31, 2017) PEMS Monitor Downtime and Excess Emission Reports and RAA. See MACES report CA_B281443222.

Activity Date	Activity Type	Compliance Status	Comments
02/02/2018	Excess Emissions (CEM)	Compliance	1st Quarter 2018 (January 1, 2018 through March 31, 2018) PEMS Monitor Downtime and Excess Emission Reports and RAA. The facility reports no excess emissions and no monitor downtime for Boilers 6 and 7. A violation notice was issued on May 18, 2018 for failure to submit the 1st Quarter 2018 excess emission report per ACO AQD No. 24-2016, Paragraph 9.B.1. This report is considered late.
01/10/2018	Other	Non Compliance	Review of PEMS Third Quarter 2017 Downtime and Excess Emissions Report
01/02/2018	Stack Test	Compliance	RATA Results for Boiler 6 and 7 PEMS - The relative accuracy was less than 20% for Boilers 6 and 7 (at approximately 55% load for each boiler) demonstrating compliance with 40 CFR Part 60, Appendix B. Measured NOx emission rates from Boilers 6 and 7 were less than the permitted limit (0.036 lb/MMBtu) during all RATA runs. The maximum NOx emission rates as follows: Boiler 6 - 0.0156 lb/MMBtu (Run 3), Boiler 7 - 0.0142 lb/MMBtu (Run 7).
12/12/2017	Excess Emissions (CEM)	Non Compliance	3rd Quarter (July 1, 2017 through September 30, 2017) PEMS Monitor Downtime and Excess Emission Reports and RAA. See MACES report CA_B281442636.

Name: \_\_\_\_\_



Date: \_\_\_\_\_

1/29/19

Supervisor: \_\_\_\_\_

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