

DEPARTMENT OF ENVIRONMENTAL QUALITY
AIR QUALITY DIVISION

FCE Summary Report

Facility : HOLLAND BOARD OF PUBLIC WORKS-East 5th Street	SRN : P0465
Location : 1 Energy Park Way	District : Grand Rapids
	County : OTTAWA
City : HOLLAND State: MI Zip Code : 49423	Compliance Status : Compliance
Source Class : MAJOR	Staff : Chris Robinson
FCE Begin Date : 9/13/2016	FCE Completion Date : 9/26/2017
Comments : FY '17 on-site inspection. See Activity Report No. CA_P046541530.	

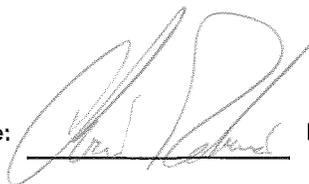
List of Partial Compliance Evaluations :

Activity Date	Activity Type	Compliance Status	Comments
09/22/2017	Other Non ROP	Compliance	EUFUELHTR notification of commencement of trial operation.
09/22/2017	Other Non ROP	Compliance	EUFENGINE notification of commencement of trial operation.
09/22/2017	Other Non ROP	Compliance	FGCTGHRSG Start Up / Shut Down Plan
09/22/2017	Other Non ROP	Compliance	EUCTGHRSG10 & EUCTGHRSG10 Net Heat Rate Performance Testing Protocol
09/13/2017	Scheduled Inspection	Compliance	FY '17 on-site inspection to determine the facility's compliance status with PTI No. 107-13E and other applicable air quality rules and regulations.
09/11/2017	Other Non ROP	Compliance	EUCOOLTWR Maintenance and Inspection Plan (MAP).
09/11/2017	NSPS (Part 60)	Compliance	AUXBOILER notification of commencement of trial operation.
09/11/2017	Other Non ROP	Compliance	EUCOOLTWR notification of trial operation.
09/11/2017	Other Non ROP	Compliance	FGCTGHRSG 10 & FGCTGHRSG 11 notification for commencement of trial operation.
09/11/2017	Other Non ROP	Compliance	Emissions Testing Protocol for FGCTGHRSG, AUXBOILER, NGENGINE and FUELHEATER; Testing Scheduled for week of April 5, 2017.

Activity Date	Activity Type	Compliance Status	Comments
08/01/2017	Excess Emissions (CEM)	Compliance	<p>Excess Emissions & Monitoring System Summary Report for Units 10 & 11 received (7/31/2017) complete and properly certified. This report covers the time period of 1/1/2017-6/30/2017. NSPS 60.7 requires semi-annual reporting unless an alternative frequency is required. CR contacted Ms. Visscher and discussed the quarterly reporting frequency required by their permit. Ms. Visscher thought the reporting frequency was semi-annual based on the rule. Going forward reports will be submitted quarterly, as required by their permit. There were no excess emissions of NOx, CO or SO2 reported for either units. Unit 10 CEMS downtimes are as follows: 3.2% NOX, 0.26% CO and 0.82% SO2 with a total operating time of 387.88 hours. Unit 11 CEMS downtimes are as follows: 9.34% NOX, 9.87% CO and 0.00% SO2 with a total operating time of 259.87 hours. Due to construction, initial startup and testing, the facility did not begin recording data until May 2017 (Q2).</p>
07/27/2017	Stack Test	Compliance	<p>Net Heat Rate Performance Test report, received in a timely manner (7/10/2017) and properly certified. The Facility Net Plant Electrical output did not meet the expected performance value listed in Section 1.4 of the Test Procedures. Therefore, facility used a more recent version of the Zachery heat balance (Oct. 26, 2016) which has an expected Facility Net Output of 121.776 MW, which they were able to meet.</p>
07/27/2017	Stack Test	Compliance	<p>Emissions Compliance and Guarantee Test report, received in a timely manner (7/10/2017) and properly certified. No issues noted.</p>

Activity Date	Activity Type	Compliance Status	Comments
07/24/2017	CEM RATA	Compliance	The CEMS Initial Certification report was received on time and complete (7/17/2017). The report includes CEMS testing results for NOx, CO and Oz for Units EUCTHRSG10 and EUCTHRSG11. The results indicate that the analyzers were within the EPA and DEQ requirements for all parameters.
06/30/2017	Telephone Notes		Telephone notes from 6/30/17 and 7/3/17
04/21/2017	Malfunction Abatement Plan	Compliance	MAP(s) for Units 10 and 11 (turbines); Emergency Generator; and Auxillary Boiler; as required by PTI # 107-13D. The stated purpose of the plans is to document proper operations and maintenance so as to Prevent, Detect and Abate malfunctions/abnormal conditions. (SLachance, 4/21/17)
04/03/2017	Stack Test Observation	Compliance	CEMS Certification and PM Testing - Unit 10
03/14/2017	NSPS (Part 60)	Compliance	Commencement of Trial Operation for EUNGINE -2/3/17
02/28/2017	Other Non ROP	Compliance	CEMS Monitoring Plan and CEMS Certification Protocol for this new facility; copies to ADQ-TPU; testing date to be determined. (SLachance, 2/28/17)
02/28/2017	ROP Other	Compliance	NOT REALLY AN ROP REPORT, but the 2/1/17 submittal of a NOTIFICATION for COMMENCEMENT of COMMERCIAL OPERATION for gas turbine Units 10 and 11 on 1/30/17 and 2/1/17, respectively starts the clock for submittal of an ROP application by 1/30/18. (SLachance, 2/28/17)

Name:



Date:

9/26/2017

Supervisor:

