

DEPARTMENT OF ENVIRONMENTAL QUALITY  
AIR QUALITY DIVISION

**FCE Summary Report**

<b>Facility :</b> HOLLAND BOARD OF PUBLIC WORKS-Holland Energy Park	<b>SRN :</b> P0465
<b>Location :</b> 1 Energy Park Way	<b>District :</b> Grand Rapids
	<b>County :</b> OTTAWA
<b>City :</b> HOLLAND <b>State:</b> MI <b>Zip Code :</b> 49423	<b>Compliance Status :</b> Compliance
<b>Source Class :</b> MAJOR	<b>Staff :</b> Kaitlyn DeVries
<b>FCE Begin Date :</b> 4/9/2018	<b>FCE Completion Date :</b> 4/8/2019
<b>Comments :</b> FY 2019 FCE	

**List of Partial Compliance Evaluations :**

Activity Date	Activity Type	Compliance Status	Comments
04/01/2019	Excess Emissions (CEM)	Compliance	<p>The 4th Quarter Excess Emissions pursuant to MI-ROP-P0465-2018 was received on time and complete.</p> <p>Unit 10 reported a total of 1870 hours of operation for the reporting period with 1 hour of downtime reported for each NOx and CO CEMs. Neither resulted in excess emissions. For both, the downtime was due to equipment malfunctions.</p> <p>Unit 11 reported a total of 1719 hours of operation for the reporting period with no downtime or excess emissions reported for NOx and CO CEMs.</p> <p>The results of the Linearity test and the Cylinder Gas Audit was also received. No issues were noted for either.</p>
04/01/2019	ROP Annual Cert	Compliance	<p>The Annual ROP Certification report pursuant to MI-ROP-P0465-2018 was received on time and complete. The ROP was issued on October 24, 2018, thus starting the reporting period. No deviations were reported for the reporting period.</p>

Activity Date	Activity Type	Compliance Status	Comments
04/01/2019	ROP SEMI 2 CERT	Compliance	The Semi-annual ROP Certification report pursuant to MI-ROP-P0465-2018 was received on time and complete. The ROP was issued on October 24, 2018, thus starting the reporting period. No deviations were reported for the reporting period.
04/01/2019	CAM Excursions/Exceedances	Compliance	This report was received late due to it being a new reporting requirement for the facility since ROP issuance. The report is pursuant to MI-ROP-P0465-2018. No CAM excursions or exceedances were reported for the reporting period. The AQD will not take action on the tardiness of this report at this time, with the exception of this being reported as a deviation in the future. No further action is required.
04/01/2019	CAM monitor downtime	Compliance	This report was received late due to it being a new reporting requirement for the facility since ROP issuance. The report is pursuant to MI-ROP-P0465-2018. A total of four (4) hours of CEMS CO Monitor downtime was reported all due to repairs and recalibrations of the equipment. This did not result in any exceedances. The AQD will not take action on the tardiness of this report at this time. The AQD will look for this as a deviation during the next reporting period. No further action is required.
03/27/2019	MAERS	Compliance	The ROP Certification form for MAERS was received 3/14/19. A combination of MAERS EF's, CEM data, and Stack Test Data was used to compile the emissions data. All reported data is consistent with the FY 2019 Inspection data. The 2018 emissions were lower than the 2017 emissions primarily due to better efficiency at the facility since the startup in 2017 and due to fewer required stack tests. 3/27/2019 - KDeVries
03/21/2019	Scheduled Inspection	Compliance	The purpose of this inspection was to determine compliance with MI-ROP-P0465-2018.

Activity Date	Activity Type	Compliance Status	Comments
11/02/2018	Excess Emissions (CEM)	Compliance	<p>The 3rd Quarter Excess Emissions pursuant to PTI No. 107-31F, and subsequent recently issued MI-ROP-P0465-2018.</p> <p>Unit 10 reported a total of 1525 hours of operation for the reporting period with 1 hour of downtime reported for each NOx and CO CEMs. Neither resulted in excess emissions. For both, the downtime was due to equipment malfunctions.</p> <p>Unit 11 reported a total of 1886.0 hours of operation for the reporting period with 2 hours of downtime reported for each NOx and CO CEMs. Neither resulted in excess emissions. For both, the downtime was due to equipment malfunctions.</p> <p>The results of the Linearity test and the Cylinder Gas Audit was also received. No issues were noted for either.</p>
08/03/2018	CEM RATA	Compliance	<p>The Continuous Emission Monitoring Systems (CEMS) Relative Accuracy Test Audit (RATA) report for Units 10 &amp; 11 was received on time and complete. The results for both units indicated RA less than 10% or less than 0.015 lb/mmBTU, as required by 40 CFR Parts 60 and 75. The full results will be evaluated by AQD's TPU.</p>

Activity Date	Activity Type	Compliance Status	Comments
08/02/2018	Excess Emissions (CEM)	Compliance	<p>The Second Quarter Excess Emissions Report was received on time and complete.</p> <p>Unit 10: The total operating time for this unit was 1789 hours. A total of 1.06% NOx CEMS downtime was reported and 0.61% CO CEMS downtime was reported. No excess emissions were noted for either pollutant.</p> <p>Unit 11: The total operating time for this unit was 1881 hours. A total of 3.34% NOx CEMS monitor downtime and 1.86% CO CEMS downtime was reported. No excess emissions were reported.</p> <p>In addition to the excess emission and downtime reports, the unit 10 and unit 11 linearity and cylinder gas audit (CGA) results were included in the report. The results were passing and no issues noted.</p>
06/28/2018	Stack Test Observation	Compliance	Stack Test Observation - Unit 10
05/07/2018	Excess Emissions (CEM)	Compliance	<p>The first Quarterly Excess Emissions Report was received on time and complete.</p> <p>Unit 10: The total operating time for this unit was 1887 hours. A total of 0.79% NOx CEMS downtime was reported and 0.48% CO CEMS downtime was reported. No excess emissions were noted for either pollutant.</p> <p>Unit 11: The total operating time for this unit was 2050 hours. A total of 1.85% NOx CEMS monitor downtime and 1.41% CO CEMS downtime was reported. No excess emissions were reported.</p> <p>In addition to the excess emission and downtime reports, the unit 10 and unit 11 linearity and cylinder gas audit (CGA) results were included in the report. These were done twice during the reporting period, with one being for diagnostic purposes and the other for QA. The results were passing and no issues noted.</p>

Name: Kaulip Dahi Date: 4/8/2019

Supervisor: 