

DEPARTMENT OF ENVIRONMENTAL QUALITY  
AIR QUALITY DIVISION

**FCE Summary Report**

<b>Facility :</b> ADA COGENERATION LIMITED PARTNERSHIP		<b>SRN :</b> N1784
<b>Location :</b> 7575 FULTON STREET EAST BLDG 74-1A		<b>District :</b> Grand Rapids
		<b>County :</b> KENT
<b>City :</b> ADA	<b>State:</b> MI	<b>Zip Code :</b> 49355
<b>Compliance Status :</b>		Compliance
<b>Source Class :</b> MAJOR	<b>Staff :</b> Steve Lachance	
<b>FCE Begin Date :</b> 12/5/2015	<b>FCE Completion Date :</b>	12/5/2016
<b>Comments :</b> FCE for FY '017		

**List of Partial Compliance Evaluations :**

Activity Date	Activity Type	Compliance Status	Comments
12/05/2016	ROP Semi 1 Cert	Compliance	Review of Required semi-annual ROP Reports for the period ending June 30, 2016. See CA_N178437811. (SLachance, 12/5/16)
12/05/2016	Excess Emissions (CEM)	Compliance	3rd Quarter Excess Emissions report; See CA_N178437812. (SLachance, 12/5/16)
12/05/2016	Scheduled Inspection	Compliance	On-Site Scheduled Inspection Activities for FY '017; see CA_N178437791. (SLachance, 12/5/16)
12/05/2016	Other	Compliance	Review of Required ROP Semi-Annual Reports (Excess Emissions/Deviations) for the first half of 2016, including separate analysis of the 2nd Quarter 2016 Report
12/05/2016	Other	Compliance	Review of 3rd Quarter 2016 Excess Emissions Report

Activity Date	Activity Type	Compliance Status	Comments
10/10/2016	Rule 912	Compliance	Andy K called; Facility shut down after 11 PM on Saturday 10/8/16 to address a "gas leak" in the turbine. After suitable repairs, the turbine was re-ignited at 2:59 AM, Sunday 10/9/16. NOx water introduced at 3:34 AM; and tested water:fuel ratios reached by 6 AM. This results in a couple-to-three hours of defined "excess emissions" per 40 CFR 60 Subpart GG, to be addressed in future reporting. Unit has operated at compliant injection rates since 6 AM, 10/9/16. (SLachance, 10/10/16)
07/06/2016	Stack Test	Compliance	Compliance Emission Sampling Report for NOx, CO, PM and NMOC, as well as for establishing NOx Injection Water:Fuel Ratios at each load. All results indicate compliance with applicable emission limits; report is subject to further possible review by AQD-TPU. (SLachance, 7/6/16)
07/06/2016	Other	Compliance	Review of reported results from the recent stack test establishes the following Water:Fuel Injection rates for establishing compliance at each operating condition: Low with duct burner (DB): 0.60 Low w/o DB: 0.65 High with DB: 0.83 (SLachance, 7/6/16)
05/17/2016	Stack Test Observation	Compliance	On-site review and observation of required stack testing (EU-TURBINE, FG-ENERGY) per ROP. Testing by Network Environmental. Lansing TPU oversight by KKajiya-Mills. Day 1, low-load gases. Day 2, high load gases, PM and HNMOC. Establishes water:fuel injection rates for NOx compliance from turbine as well as compliance with mass emission limits. No issues noted, none reported, no VE observed either day. Water:Fuel ratios recorded, 0.60 for Low rate w/ dB, 0.66 for Low rate w/o dB, 0.83 for High rate w/ dB. (SLachance, 5/18/16)
05/06/2016	Other	Compliance	Review of Q1 2016 Excess Emissions/CMS Reports (SLachance, 5/6/16)

Activity Date	Activity Type	Compliance Status	Comments
05/06/2016	Excess Emissions (CEM)	Compliance	1st Quarter Excess Emissions Report (none); see CA_N178434429. (SLachance, 5/6/16)
03/08/2016	MAERS	Compliance	ROP Certification form for MAERS received 3/7/16; passed along without audit this year based on low score. (SLachance, 3/8/16)
02/24/2016	ROP Annual Cert	Compliance	Required ROP Annual Report of Certified Deviations; see CA_N178433466. (SLachance, 2/24/16)
02/24/2016	ROP SEMI 2 CERT	Compliance	Required ROP Semi-Annual Report of Certified Deviations; see CA_N178433466. (SLachance, 2/24/16)
02/24/2016	Other	Compliance	Review of required Annual Certified Report of Deviations per MI-ROP-N1784-2015 (SLachance, 2/24/16)
01/26/2016	Other	Compliance	Review of Semi-Annual Certification of Deviations for the Period Ending December 31, 2015
01/26/2016	ROP SEMI 2 CERT	Compliance	Certified deviation for the semi-annual period ending December 31, 2015; see CA_N178433089. (SLachance, 1/26/16)
01/20/2016	Excess Emissions (CEM)	Compliance	4th Quarter 2015 Excess Emissions Report; see CA_N178433020. (SLachance, 1/20/16)
01/20/2016	Other	Compliance	Review of Q4 2015 Excess Emissions Report (SLachance, 1/20/16)

Name:



Date:

12/8/16

Supervisor:

