

DEPARTMENT OF ENVIRONMENTAL QUALITY  
AIR QUALITY DIVISION

**FCE Summary Report**

Facility : Viking Energy of McBain		SRN :	N1160
Location : 6751 W. Gerwoude Dr.		District :	Gaylord
		County :	MISSAUKEE
City :	MCBAIN	State:	MI Zip Code : 49657 Compliance Status :
Source Class :	MAJOR	Staff :	Bill Rogers
FCE Begin Date :	2/28/2016	FCE Completion Date :	2/28/2017
Comments :			

**List of Partial Compliance Evaluations :**

Activity Date	Activity Type	Compliance Status	Comments
02/28/2017	Scheduled Inspection	Compliance	Scheduled inspection for FCE
02/24/2017	MAERS	Compliance	2016 MAERS, Check MAERS for any review comments. WR accepted the report; some minor issues to correct with company, which should not change the reported emissions.
02/17/2017	Stack Test	Compliance	Stack test review report from Jeremy Howe of AQD. Report states the test is acceptable for determining compliance. All emissions were within permit limits: PM-10, VOC, Pb, dioxin/furan, Hg, As, total chromium, benzo-a-pyroxene, and H2SO4.
01/30/2017	Excess Emissions (CEM)	Compliance	4th Quarter 2016 EER. Properly certified. Highest excess emissions was CO, 1.04% of operating time. Highest CEM downtime was CO, 0.31% of operating time.
12/14/2016	ROP Other	Compliance	Fuel Procurement and Handling Plan, Rev. 11-16-16. Approval letter sent 12/14.
12/14/2016	ROP Other	Compliance	Fugitive Dust Control Plan, Rev. 11-16-16. Approval letter sent 12/14/2016.
12/06/2016	ROP Other	Compliance	Proposed changes to fuel handling plan and fugitive dust plan received by email. Copies attached. I suggested some changes by email, copy attached.

Activity Date	Activity Type	Compliance Status	Comments
11/15/2016	Rule 912	Compliance	Letter of Notification (CO in excess of limits due to large slag fall in fire box). Properly certified and within the required time. Company cleared slag by water blasting and returned equipment to service.
11/02/2016	Telephone Notes	Compliance	Malfunction report
10/28/2016	Excess Emissions (CEM)	Compliance	3rd Quarter EER for ROP No. MI-ROP-N1160-2012. Properly certified. Highest excess emissions CO at 1.11% operating time, highest monitor downtime opacity at 1.20% operating time.
10/26/2016	Stack Test	Compliance	5 year stack test on the Wood Fired Boiler. Properly certified. Claims compliance with all limits. Note that PM10 was not measured directly; see CA_N116037338
10/26/2016	Other	Compliance	Stack test report, detailed review
10/05/2016	ROP Semi 1 Cert	Compliance	Compliance except report was late. VN sent for late report. Properly certified. Deviations for opacity excursions and monitor downtime.
10/05/2016	CAM Excursions/Exceedances	Compliance	Compliance except report was late. VN sent for late report. Opacity excursions and some monitor downtime reported. Properly certified.
09/15/2016	ROP Other	Compliance	Excess CO emissions. Exceeded 24 hour rolling average.
08/16/2016	Stack Test Observation	Compliance	Stack test observation
08/10/2016	Excess Emissions (CEM)	Compliance	2016, 2nd Quarter EER. Note operating times on summary sheets were, apparently, incorrect because facility sent updated and corrected versions.
08/10/2016	Excess Emissions (CEM)	Compliance	Correction to EER and downtime report 2nd quarter 2016 summary pages. The operating time changed, therefore percentages calculated against operating time also changed. Properly certified, and on time even with replacement coming in after originals.
08/09/2016	Telephone Notes	Non Compliance	CO exceedance
07/29/2016	Telephone Notes	Compliance	Discussed new CO monitor

Activity Date	Activity Type	Compliance Status	Comments
05/03/2016	Excess Emissions (CEM)	Compliance	1st Quarter EER for ROP No. MI-ROP-N1160-2012. Gas excess emissions claimed 0, opacity 0.01% operating time. Monitors down opacity 0.03% and gas 0.84% of operating time.
04/11/2016	Telephone Notes	Compliance	Discussion of ROP pre-application meeting
03/22/2016	MAERS	Compliance	See MAERS database for further info. Audited, passed audit.
03/17/2016	ROP Annual Cert	Compliance	ROP No. MI-ROP-N11602-2012 Properly certified. Monitor downtime: VE, 10.7 hr, CO, NOx and SO2 42.15 hr each. Excess emissions VE 24.21 hr, CO 111 hr, NOx and SOX none listed
03/16/2016	ROP Other	Compliance	Notification of SO2 Analyzer malfunction, MI-ROP-N1160-2012 Properly certified. Followed malfunction plans.
03/16/2016	ROP SEMI 2 CERT	Compliance	For ROP No. MI-ROP-N1160-2012. Properly certified. Does not include detailed corrective actions, but these were included in quarterly reports for same period (also certified) so It's acceptable.
03/16/2016	CAM Excursions/Exceedances	Compliance	CAM Excursions and /or Exceedences For ROP No. MI-ROP-N1160-2012. Properly certified. Does not include detailed corrective actions, but these were included in quarterly reports for same period (also certified) so It's acceptable.
03/16/2016	CAM monitor downtime	Compliance	CAM - Semi Annual CAM monitor downtime For ROP No. MI-ROP-N1160-2012. Properly certified. Does not include detailed corrective actions, but these were included in quarterly reports for same period (also certified) so It's acceptable.

Name: William J Lopez Date: 3/8/17  
7/17/1

Supervisor: 

