

DEPARTMENT OF ENVIRONMENTAL QUALITY

AIR QUALITY DIVISION

FCE Summary Report

Facility : Green Plains Holdings II LLC	SRN : N7383
Location : 11440 CEMETERY RD PO Box 12	District : Jackson
	County : LENAWEE
City : RIGA State: MI Zip Code : 49276	Compliance Status : Compliance
Source Class : MAJOR	Staff : Zachary Durham
FCE Begin Date : 9/16/2015	FCE Completion Date : 5/3/2017
Comments : FCE of PCE.	

List of Partial Compliance Evaluations :

Activity Date	Activity Type	Compliance Status	Comments
05/01/2017	MAERS	Compliance	ROP Cert 1-17-17. MAERS audit completed.
02/23/2017	Scheduled Inspection	Compliance	This was a scheduled, announced inspection of MI-ROP-N7383-2014 that coincided with a voluntary stack test.
01/27/2017	Telephone Notes		Call with Tom Gasloli, AQD, regarding stack test protocol. He will first send me a draft of the approval letter, which states all necessary process data to be collected during testing, and then send a copy to the company.
01/27/2017	Stack Test	Compliance	Test Protocol for Fermentation Scrubber (CE016) and Vent Gas Scrubber (CE005) Emissions Testing.
01/19/2017	Stack Test	Compliance	Fermentation Scrubber and Vent Gas Scrubber Stack Testing Notification, proposal. Scheduled to take place the week of February 20th, 2017 for VOC/HAP emissions.
01/18/2017	ROP Annual Cert	Compliance	Annual Certification. 1 deviation reported for EUGENSET1 - hour meter failure, as identified in Semi 2 Certification. Repair date of 1/19/17 is scheduled. No other deviation for RY2016.

Activity Date	Activity Type	Compliance Status	Comments
01/18/2017	ROP SEMI 2 CERT	Compliance	Semi Annual Certification. 1 deviation reported for EUGENSET1 - hour meter failure. Repair scheduled for 1/19/17. Overall usage of the engine reported as not increasing.
01/18/2017	ROP Other	Compliance	Semi-Annual LDAR Monitoring Report. No leaks observed of 1,290 monitoring points.
07/27/2016	ROP Semi 1 Cert	Compliance	ROP Semi 1 certification report. Deviation report and MRR included. No deviations appear to be listed in the report. Appears acceptable.
05/16/2016	MAERS	Compliance	CO = 13 tons. NOx = 66 tons. PMs = 30 tons. VOC = 20 tons. Approx 18.25 million bushels of corn received or about 511,000 tons. 107,501 tons DDGS produced 1.7 million MMBTU of natural gas used. 50,247,115 gallons of Ethanol produced.
02/29/2016	ROP Other	Compliance	Semi-Annual LDAR Monitoring Report. No leaks reported from 1,286 monitored points.
02/29/2016	ROP Annual Cert	Compliance	Annual certification report. Four deviations reported and addressed. Appears acceptable.
02/29/2016	ROP SEMI 2 CERT	Compliance	Semi annual certification. 1 deviation reported and recorded as an excess emission event in 12-month rolling calendar. Deviation resulted from RTO temp set point causing burner to shut off and failure to relight, which then let the RTO to drop below 1600°F. Deviation lasted 30 minutes. Appears acceptable.

Activity Date	Activity Type	Compliance Status	Comments
02/17/2016	Telephone Notes		Nicole called to report that her Semi-annual LDAR report & Certification (ROP) sent Certified mail to DEQ-AQD Jackson, to my attention was just returned to her. The notations indicate it was delivered January 11, and marked as "unsecured location". It was then delivered January 30th and marked as "unclaimed" and again on Feb 5th it was not left. I spoke to Guard Station supervisor and was told that DHS signs all certified mail. Their staff rotates this responsibility on a daily basis. He thinks the postal carrier did not want to or choose to wait for signer. We may need to report to Post Office. Nicole is resending.
10/30/2015	ROP Semi 1 Cert	Compliance	Revised Report. Reflects the two deviations including the resolved multiclone record keeping and the data logger glitch, on which corrective action is being taken. Appears acceptable.
10/30/2015	ROP Annual Cert	Compliance	Revised Report
10/30/2015	ROP SEMI 2 CERT	Compliance	Revised Report. Reflects the one deviation for the multiclone record keeping. This issue is resolved and acceptable.
10/30/2015	ROP Semi 1 Cert	Compliance	Revised Report. Reflects the addition of deviations discussed during inspection. Deviations have been addressed and corrected. Acceptable.
10/02/2015	ROP Semi 1 Cert	Compliance	1st Semi-annual certi & deviation report. Reported malfunction of natural gas flow meters on Boilers (end of 2014 and into 2015) and RTO (end of reporting period). FCE FY15 verified installed & operating properly now with backups. Fuel is metered to facility and was pro-rated. Support records reviewed/acceptable. An additional Deviation was identified during inspection: recording of monitoring parameter on Multiclone/ wkly as opposed to daily. Co. to correct immediately. Monitoring is continuous however. MAP has incorrect range & this has been changed to meet permit condition & CAM Plan. Requires revision of all past Cert/Deviation forms.

Name: Tack Durham

Date: 5/3/17

Supervisor: 