

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 : Diane Kavanaugh-Vetort
FCE Begin Date : 9/15/2014	FCE Completion Date : 9/15/2015
Comments : Major Title V Facility FCE/PCE.	

List of Partial Compliance Evaluations :

Activity Date	Activity Type	Compliance Status	Comments
09/15/2015	Scheduled Inspection	Compliance	Complete scheduled compliance inspection. Major Source, ROP, PCE of FCE
08/04/2015	NSPS (Part 60)	Compliance	Semi-Annual LDAR Monitoring Report. Distillation/Fermentation/Tank Farm compliance groups were monitored, 1,211 pumps & valves. No leaks were found/reported.
07/06/2015	Other		Correspondence received. Equipment Ownership Change Notification. Specific equipment transferred to a newly formed subsidiary, Green Plains Ethanol Storage LLC (GP Storage). EUNATGASTANK, EUDENATTANK1, 2, EU200TANK1, 2, EUTRUCKLOAD, EURAILLOAD, CE009 (FLARE). GP Riga states will continue to be responsible for all required monitor/record/repting. Will be delegated responsibility for all RO required certifications. No RO change (not sectioned currently and not requested)

Activity Date	Activity Type	Compliance Status	Comments
05/18/2015	Telephone Notes		Received call with questions regarding change in RO and submittal requirements. Verified current ROP number is correct; sending to District/Permits. AQD question to Nicole regarding Fermentation scrubber bypass and what happens if scrubber down. She ck'd with Acting RO Brad Gramon. THERE IS NO BYPASS. If scrubber is down for long, would have to vent Ferm Tank and report/ track as release. This is OK note to verify/ next inspection.
05/18/2015	MAERS	Compliance	ROP Cert 3-25-15. Major Source/GHGs. 54 tpy NOx; 13 tpy CO; 40 tpy PMs; 20 tpy VOC. Mass Balance and support records attached. Grain thruput: 529,234 tons processed; 114,871 wet DDGS through dryer conveyor/loading. Ethyl Alcohol thruput: 176,479 tons and truck/rail load out 177,617 tons. Ethanol thruput: 53921 E3 gal.
03/06/2015	Other		Rule 215(4) insignificant change (letter in file) notice received but not required. GP proposed replacement of existing Yeast Propagation Tank (in FGFERM) with a smaller like-for-like yeast tank. It is in need of repair and is oversized for needs. FGFERM components are controlled by fermentation scrubber (CE016). Exemptions reviewed R278, R284 (i), and R285(a). AQD determined it appears acceptable.
02/26/2015	ROP Annual Cert	Compliance	Report rec'd without 1st Semi deviation included. Tx to Nicole Z. resent rept w/correction to 2nd Semi-deviation (1) and missing portion on 3/3/15. Support documentation was attached. Otherwise acceptable and compliant.

Activity Date	Activity Type	Compliance Status	Comments
02/26/2015	ROP SEMI 2 CERT	Compliance	2nd Semi Cert/Dev and Annual Report. One deviation-FGBoilers gas meters failed/down for 2 months. Had to have manuf rebuild and has been corrected. Now will have two backups on hand. Est. gas usage instead by facility wide average during this time. No emission limits only monitor/record. Tx to Nicole, Corrective Action updated/resubmitted per request 3/3/15. Acceptable.
01/20/2015	NSPS (Part 60)	Compliance	ROP Semi-Annual LDAR Monitoring Report: 2014 2nd Semi-annual 40 CFR 60 Subpart VV for Leak Detection and Repair report.
01/20/2015	Telephone Notes		Received inquiry regarding exemptions and three possible changes being proposed at facility. Questions re: approval process /I explained exemption demonstration, Rule 201, R278 and Permit modify/revision options. Items: Raise Dryer stack 2 feet; replace Yeast propagation tank with smaller one; Replace CO2 scrubber with more efficient scrubber. Processes are covered by existing ROP. May submit written determination whether exempt and why and/or PTI application.
09/17/2014	ROP Semi 1 Cert	Compliance	1st Semi-annual cert & deviation report received timely. Deviation: RTO continuous temperature logger unknown failure during May 2014. Discovered at monthly data download. Submitted back up manual 2 hour log for the month. Shows temperature complied permit limit at 2 hr intervals. Plan: incorporate Temp log into DCS plant's computer control system if possible. If not, will download data daily instead of monthly. Tx to Nicole 9/17 to confirm, said plant shutdown this week /looking into this - she agreed to let me know which option works out.

Name:

W. Kay G. Vittori

Date:

10/13/15

Supervisor:

[Signature]
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