

DEPARTMENT OF ENVIRONMENTAL QUALITY
AIR QUALITY DIVISION

FCE Summary Report

Facility : DETROIT RENEWABLE POWER, LLC		SRN : M4148
Location : 5700 RUSSELL ST		District : Detroit
		County : WAYNE
City : DETROIT	State: MI Zip Code : 48211	Compliance Status : Non Compliance
Source Class : MAJOR	Staff : Joyce Zhu	
FCE Begin Date : 10/1/2013	FCE Completion Date :	9/30/2014
Comments : There are still a lot of odor complaints this summer. The facilities has not solved the problem although they have proposed to install odor controls in the near future.		

List of Partial Compliance Evaluations :

Activity Date	Activity Type	Compliance Status	Comments
09/29/2014	NSPS (Part 60)	Compliance	The company has reported 67 excess emission incidents for CO emissions during the period. Out of the 67 incidents, 2 of them was due to start-up/shut-down during which period, there is higher emission limit; as a result, those emissions during such period were within the corresponding permit limits. Since the total hours of the deviation was < 1% of the total operational hours, the company was expected to operate in compliance with the ROP requirements during the reporting period. In addition to the CO exceedance, the company also reported opacity exceedance for Boiler No. 11. One of the incidents lasted about 36 minutes on 4/22/2014. This was only 0.074% of operating time during the quarter. I consider DRP to be in substantive compliance with these conditions, at this time. I have notified the company to monitor the excessive emissions closely & correct the opacity problems ASAP.
09/24/2014	Complaint Investigation	Unknown	September 24, 2014 Complaint Investigation
09/22/2014	Scheduled Inspection	Non Compliance	annual inspection
09/08/2014	Complaint Investigation	Unknown	September 8, 2014 Complaint Investigation

Activity Date	Activity Type	Compliance Status	Comments
09/07/2014	Complaint Investigation	Unknown	September 7, 2014 Complaint Investigation
09/04/2014	Excess Emissions (CEM)	Compliance	The company has reported 37 excess emission incidents for CO emissions during the period. Out of the 37 incidents, 1 of them was due to start-up/dhut-down during which period, there is higher emission limit; as a result, those emissions during such period were within the corresponding permit limits. Since the total hours of the deviation was < 1% of the total operational hours, the company was expected to operate in compliance with the ROP requirements during the reporting period.
08/27/2014	Complaint Investigation	Unknown	August 27, 2014 Complaint Investigation
08/26/2014	Complaint Investigation	Unknown	August 26, 2014 Complaint Investigation
08/24/2014	Complaint Investigation	Non Compliance	August 24, 2014 Complaint Investigations
08/23/2014	Complaint Investigation	Non Compliance	Odor complaint investigation
08/17/2014	Complaint Investigation	Non Compliance	August 17, 2014 Complaint Investigation
08/11/2014	Complaint Investigation	Non Compliance	Investigation of odor complaints
08/10/2014	Complaint Investigation	Non Compliance	Investigation of odor complaints
08/09/2014	Complaint Investigation	Non Compliance	August 9, 2014 Complaint Investigation
08/08/2014	Complaint Investigation	Non Compliance	Investigation of odor complaints
08/06/2014	Complaint Investigation	Unknown	August 6, 2014 Complaint Investigation
08/03/2014	Complaint Investigation	Non Compliance	August 3, 2014 Complaint Investigation
07/27/2014	Complaint Investigation	Non Compliance	
07/20/2014	Complaint Investigation	Non Compliance	Investigation of odor complaints
07/19/2014	Complaint Investigation	Non Compliance	Investigation of odor complaints
07/15/2014	Complaint Investigation	Unknown	July 15, 2014 Complaint Investigation - PEAS No. 11313
07/14/2014	Complaint Investigation	Unknown	July 14, 2014 Odor Complaint Investigation
07/13/2014	Complaint Investigation	Non Compliance	Odor complaint investigation

Activity Date	Activity Type	Compliance Status	Comments
07/11/2014	Complaint Investigation	Non Compliance	Odor complaint investigation
07/08/2014	Complaint Investigation	Unknown	July 8, 2014 Complaint Investigation
07/07/2014	Complaint Investigation	Non Compliance	July 7, 2014 Complaint Investigation
06/29/2014	Complaint Investigation	Non Compliance	June 29, 2014 Complaint Investigation
06/26/2014	Complaint Investigation	Unknown	Odor Complaint Investigation
06/19/2014	Complaint Investigation	Non Compliance	July 19, 2014 Complaint Investigation
06/16/2014	Excess Emissions (CEM)	Compliance	Out of the 30 reported deviation, 1 of them was due to start-up/dhut-down during which period, there is higher emission limit; as a result, those emissions during such period were within the corresponding permit limits. Since the total hours of the deviation was < 1% of the total operational hours, the company was expected to operate in compliance with the ROP requirements during the reporting period.
06/15/2014	Complaint Investigation	Non Compliance	Odor complaint investigation
06/14/2014	Complaint Investigation	Non Compliance	Odor complaint investigation
06/08/2014	Complaint Investigation	Non Compliance	Odor complaint investigation
06/05/2014	Complaint Investigation	Unknown	June 5, 2014 Complaint Investigation
05/28/2014	Complaint Investigation	Non Compliance	Odor complaint investigation
05/20/2014	Complaint Investigation	Unknown	PEAS No 10980 Complaint Investigation
05/18/2014	Complaint Investigation	Non Compliance	Complaint investigation
05/14/2014	Complaint Investigation	Unknown	May 14, 2014 Complaint Investigation
05/01/2014	Complaint Investigation	Unknown	odor survey
04/27/2014	Complaint Investigation	Non Compliance	Odor survey
04/23/2014	MAERS	Compliance	Reviewed MAERS.
04/23/2014	ROP Other	Compliance	2013 MAERS Report/ROP Certification Form. Reviewed the MAERS.

Activity Date	Activity Type	Compliance Status	Comments
04/14/2014	NSPS (Part 60)	Compliance	Out of the 33 reported deviation, 5 of them were due to start-up/dhut-down during which period, there is higher emission limit; as a result, those emissions during such period were within the corresponding permit limits. Since the total hours of the deviation was < 1% of the total operational hours, the company was expected to operate in compliance with the ROP requirements during the reporting period.
04/14/2014	NSPS (Part 60)	Compliance	Out of the 62 reported deviation, 13 of them were due to start-up/dhut-down during which period, there is higher emission limit; as a result, those emissions during such period were within the corresponding permit limits. Since the total hours of the deviation was < 1% of the total operational hours, the company was expected to operate in compliance with the ROP requirements during the reporting period.
03/29/2014	Complaint Investigation	Unknown	March 29, 2014 Complaint Investigation
03/24/2014	CAM Excursions/Exceedances	Compliance	Out of the 21 EE reported deviation, 3 of them were due to start-up/dhut-down during which period, there is higher emission limit; as a result, those emissions during such period were within the corresponding permit limits. Since the total hours of the EE was < 1% of the total operational hours, & the CEMS ddowntime was < 0.3% of the total operational hours for the same period, the company was expected to operate in compliance with the ROP during the reporting period.
03/24/2014	ROP SEMI 2 CERT	Compliance	Out of the 32 reported deviation, 5 of them were due to start-up/dhut-down during which period, there is higher emission limit; as a result, those emissions during such period were within the corresponding permit limits. Since the total hours of the deviation was < 1% of the total operational hours, the company was expected to operate in compliance with the ROP requirements during the reporting period.

Activity Date	Activity Type	Compliance Status	Comments
03/24/2014	ROP Annual Cert	Compliance	Out of the 62 reported deviation, 13 of them were due to start-up/dhut-down during which period, there is higher emission limit; as a result, those emissions during such period were within the corresponding permit limits. Since the total hours of the deviation was < 1% of the total operational hours, the company was expected to operate in compliance with the ROP requirements during the reporting period.
03/14/2014	Complaint Investigation	Unknown	complaint investigation
03/03/2014	CEM RATA	Compliance	This report is regarding greenhouse gas RATA test. The report shows that the company passed the RATA test.
02/28/2014	CEM RATA	Compliance	The company passed the RATA test for all the CEMs.
02/10/2014	Stack Test	Compliance	Annual stack test on fiberic filters from the processing area. The test result shows that the PM emission from the primary as well as the secondary shredder of Line 2 is << the permit limit, 0.0028 (lbs/1000lb).
02/03/2014	Rule 912	Non Compliance	Report CO Hrly emission exceedance during 3 - 4 PM. The company has identified the cause was due to auger speed control & corrected the problem.
12/16/2013	ROP Qrtly Cert	Compliance	The company reported 18 deviations regarding to the excess emission as well as the performance of the CEM & COM. Out of the 18, two deviations are due to startup/shutdown of the boilers. The permit allows the emission to be higher during such period; as a result, the two is within the corresponding permit limit. The duration of excess emissions for CO was less than 0.5% of all the operating period. The CEM downtime period was less than 0.35% of the operating period; & the COM downtime period was less than 0.21% of the operating period.
10/07/2013	Complaint Investigation	Unknown	Odor survey

Name: Joyce 52

Date: 9/30

Supervisor: W. M.

