

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 : 6/1/2015	FCE Completion Date :	9/7/2016
Comments :		

List of Partial Compliance Evaluations :

Activity Date	Activity Type	Compliance Status	Comments
09/05/2016	Complaint Investigation		September 5, 2016 Complaint Investigation
09/04/2016	Complaint Investigation	Non Compliance	September 4, 2016 Complaint Investigation
09/03/2016	Complaint Investigation		September 3, 2016 Morning Investigation
08/29/2016	Complaint Investigation	Non Compliance	August 29, 2016 Complaint Investigation
08/24/2016	Complaint Investigation		August 24, 2016 Complaint Investigation
08/21/2016	Complaint Investigation	Non Compliance	August 21, 2016 Complaint Investigations
08/07/2016	Complaint Investigation	Non Compliance	Odor complaint investigations
08/05/2016	Complaint Investigation	Non Compliance	Odor complaint investigation
08/02/2016	Complaint Investigation	Non Compliance	Odor complaint investigation
07/31/2016	Complaint Investigation	Non Compliance	Odor complaint investigations
07/30/2016	Complaint Investigation	Non Compliance	Odor complaint investigation
07/29/2016	Complaint Investigation	Non Compliance	Odor complaint investigation
07/26/2016	Complaint Investigation	Non Compliance	Odor complaint investigation
07/24/2016	Complaint Investigation	Non Compliance	Odor complaint investigation
07/22/2016	Complaint Investigation	Non Compliance	Odor complaint investigation

Activity Date	Activity Type	Compliance Status	Comments
07/19/2016	Complaint Investigation	Compliance	July 19, 2016 Complaint Investigation
07/10/2016	Complaint Investigation	Non Compliance	July 10, 2016 Complaint Investigations
07/04/2016	Complaint Investigation		July 4, 2016 Complaint Investigation
07/03/2016	Complaint Investigation		July 3, 2016 Morning Complaint Investigation
06/29/2016	Complaint Investigation	Compliance	Odor survey
06/27/2016	Complaint Investigation	Non Compliance	Odor complaint investigation
06/27/2016	Scheduled Inspection	Non Compliance	Annual insepction
06/22/2016	Complaint Investigation	Non Compliance	Odor complaint investigation
06/21/2016	Complaint Investigation	Non Compliance	Odor complaint investigation
06/12/2016	Complaint Investigation	Non Compliance	June 12, 2016 Complaint Investigation
06/08/2016	Complaint Investigation		PEAS No. 14711 Complaint Investigation
06/05/2016	Complaint Investigation	Compliance	June 5, 2016 Complaint Investigation
05/31/2016	Complaint Investigation	Compliance	May 31, 2016 Complaint Investigation
05/21/2016	Complaint Investigation	Compliance	May 21, 2016 Complaint Investigation
03/28/2016	MAERS	Compliance	Have reviewed the MAERS. Have changed some of the emissions from the boilers as well as the process lines based on the recent emission test results.
03/23/2016	Excess Emissions (CEM)	Non Compliance	The deviations include CEM & COM downtime for the 3 boilers & excess emission for CO and SO2. Since the downtime is less than 3% of the corresponding operating time, no action is taken at this time. There are 3 VN issued to the company during the 4th quarter regarding the excess emission for CO & SO2.
02/24/2016	Stack Test Observation		STK retest for PM
12/10/2015	Stack Test Observation	Non Compliance	Stack Test Observation on 10/26, 27, 28, & 12/1, 2, 8, 9, 10.
11/16/2015	Complaint Investigation	Compliance	November 16, 2015 Complaint Investigation
11/09/2015	Excess Emissions (CEM)	Non Compliance	The company notified AQD there was an CO exceedance for 1-hr limit as well as 24-hr limit. A VN has been issued as a result.

Activity Date	Activity Type	Compliance Status	Comments
11/06/2015	Excess Emissions (CEM)	Compliance	The company has reported 50 deviation incidents during the period. Out of the 50 deviations, 38 of them are regarding to CO exceedences. 12 of the CO deviations occurred during startup period & were in compliance with the corresponding emission limit. Since the total hours of the CO deviation was < 3% of the total operational hours, the company was expected to operate in compliance with the ROP requirements during the reporting period.
10/05/2015	Complaint Investigation	Compliance	
10/04/2015	Complaint Investigation	Non Compliance	October 4, 2015 Complaint Investigations
09/30/2015	Complaint Investigation	Compliance	September 30, 2015 Complaint Investigation
09/25/2015	ROP Semi 1 Cert	Non Compliance	The company has reported 41 deviation incidents during the period. Out of the 41 deviations, 35 of them are regarding to CO exceedences. 5 of the CO deviations occurred during startup period & were in compliance with the corresponding emission limit. Since the total hours of the CO deviation was < 1% of the total operational hours, the company was expected to operate in compliance with the ROP requirements during the reporting period. The other three deviation was for SO2 exceedences based on 24-hr geometric average. NV was issued in June for the SO2 exceedences. Another 3 deviations were related to the malfunction of the roof exhaust filter, velometer, & the MSW door closing. The company has corrected the problems.

Activity Date	Activity Type	Compliance Status	Comments
09/25/2015	NSPS (Part 60)	Non Compliance	The company has reported 38 deviation incidents during the period. Out of the 38 deviations, 35 of them are regarding to CO exceedences. 5 of the CO deviations occurred during startup period & were in compliance with the corresponding emission limit. Since the total hours of the CO deviation was < 1% of the total operational hours, the company was expected to operate in compliance with the ROP requirements during the reporting period. The other three deviation was for SO2 exceedences based on 24-hr geometric average. NV was issued in June for the SO2 exceedences.
09/25/2015	NSPS (Part 60)	Non Compliance	The company has reported 38 deviation incidents during the period. Out of the 38 deviations, 35 of them are regarding to CO exceedences. 5 of the CO deviations occurred during startup period & were in compliance with the corresponding emission limit. Since the total hours of the CO deviation was < 1% of the total operational hours, the company was expected to operate in compliance with the ROP requirements during the reporting period. The other three deviation was for SO2 exceedences based on 24-hr geometric average. NV was issued in June for the SO2 exceedences.
09/25/2015	ROP Qrtly Cert	Compliance	The company has reported 14 excess emission incidents during the period. Out of the 14 incidents, 3 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 < 0.5% of the total operational hours, the company was expected to operate in compliance with the ROP requirements during the reporting period.
09/23/2015	Complaint Investigation	Compliance	September 23, 2015 Complaint Investigation

Activity Date	Activity Type	Compliance Status	Comments
09/22/2015	Complaint Investigation	Compliance	September 22, 2015 Complaint Investigation
09/21/2015	Complaint Investigation	Compliance	September 21, 2015 Complaint Investigation
09/21/2015	Complaint Investigation	Compliance	PEAS No. 13467 Complaint Investigation
09/20/2015	Complaint Investigation	Compliance	Complaint Investigation
08/31/2015	Complaint Investigation	Unknown	odor survey
08/20/2015	Complaint Investigation	Non Compliance	August 20, 2015 Complaint Investigation
08/09/2015	Complaint Investigation	Compliance	August 9, 2015 Complaint Investigation
08/08/2015	Complaint Investigation	Compliance	August 8, 2015 Complaint Investigation
08/06/2015	Complaint Investigation	Compliance	August 6, 2015 Complaint Investigation
07/31/2015	Scheduled Inspection	Non Compliance	Annual inspection. The noncompliance status due to non resolved odor problems.
07/27/2015	Complaint Investigation	Non Compliance	July 27, 2015 Complaint Investigation
07/26/2015	Complaint Investigation	Compliance	Investigation to resolve multiple odor complaints received by the DEQ PEAS call center on July 26, 2015 and verbal complaints recorded in voice mails.
07/11/2015	Complaint Investigation	Non Compliance	PEAS odor complaint investigation
07/11/2015	Complaint Investigation	Compliance	PEAS No 13086 and 13089 Complaint Investigation
07/09/2015	Complaint Investigation	Compliance	PEAS No. 13079 Complaint Investigation
07/03/2015	Complaint Investigation	Non Compliance	Odor complaint investigation
06/26/2015	Other	Compliance	visible emission complaint

Activity Date	Activity Type	Compliance Status	Comments
06/26/2015	ROP Qrtly Cert	Non Compliance	The company has reported 24 deviation incidents during the period. Out of the 24 deviations, 21 of them are regarding to CO exceedences. Two of the CO deviations occurred during startup period & were in compliance with the corresponding emission limit. Since the total hours of the CO deviation was < 1% of the total operational hours, the company was expected to operate in compliance with the ROP requirements during the reporting period. The other three deviation was for SO2 exceedences based on 24-hr geometric average. NV will be issued on 6/29 for the SO2 exceedences.
06/21/2015	Complaint Investigation	Non Compliance	Odor complaint investigation
06/20/2015	Complaint Investigation		PEAS No. 12892 Complaint Investigation
06/19/2015	Complaint Investigation	Compliance	Investigation of odor complaint.
06/15/2015	NSPS (Part 60)	Compliance	The company has reported 17 deviations during the period. Out of the 17 incidents, 5 of them was opacity exceedences; however, the total hours of these deviation was < 0.5% of the total operational hours, the company was expected to operate in compliance with the ROP requirements during the reporting period.
06/15/2015	ROP Annual Cert	Compliance	The company has reported 75 excess emission incidents during the period. Out of the 75 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.

Activity Date	Activity Type	Compliance Status	Comments
06/15/2015	ROP SEMI 2 CERT	Compliance	The company has reported 17 deviations during the period. Out of the 17 incidents, 5 of them was opacity exceedences; however, the total hours of these deviation was < 0.5% of the total operational hours, 1 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.
06/06/2015	Complaint Investigation	Non Compliance	PEAS odor complaint investigation

Name: Joyce ZC

Date: 9/7/16

Supervisor: W.M