

DEPARTMENT OF ENVIRONMENTAL QUALITY

AIR QUALITY DIVISION

FCE Summary Report

Facility : Carbon Green Bioenergy	SRN : N7412
Location : 7795 Saddlebag Lake Rd	District : Grand Rapids
	County : BARRY
City : LAKE ODESSA State: MI Zip Code : 48849	Compliance Status : Compliance
Source Class : SM OPT OUT	Staff : Eric Grinstern
FCE Begin Date : 12/22/2019	FCE Completion Date : 12/22/2020
Comments :	

List of Partial Compliance Evaluations :

Activity Date	Activity Type	Compliance Status	Comments
12/22/2020	Off-site Inspection	Compliance	Off-Site Compliance Inspection
11/10/2020	Complaint Investigation	Non Compliance	Fallout complaint investigation - Woodbury Grain
10/21/2020	Complaint Investigation	Compliance	Investigation regarding fallout from Woodbury Grains
10/19/2020	NSPS (Part 60)	Compliance	CEMS quarterly Report and NSPS Db report TO operated 2,063 hours during the reporting period. The facility reported no incidences of excess NOx emissions for the reporting period. There reported that the thermal oxidizer was off-line on to occasions: 8/16/20 - 8/22/20 for planned maintenance and 8/18/20 for 2 hours due to a power outage. CEMS monitor downtime: 11 hours reported, various reasons provided - malfunction, maintenance, other.
10/07/2020	NSPS (Part 60)	Compliance	Semiannual Report for LDAR Monitoring Semiannual Compliance with Subpart VV 721 components monitored - 1 existing leak detected. The one leaking valve was replaced during shutdown but started to leak and will likely be replaced in September 2020. 18 LDAR monitoring points added and 2 removed during the semi-annual period.

Activity Date	Activity Type	Compliance Status	Comments
10/01/2020	CEM RATA	Compliance	CEMs RATA for NOx and O2 - Thermal Oxidizer stack Report documents compliance with the relative accuracy acceptance criteria of less than 20%.
07/09/2020	NSPS (Part 60)	Compliance	Quarterly CEMS for Q2 and NSPS Db report TO operated 2,183 hours during the reporting period. The facility reported no incidences of excess NOx emissions for the reporting period. Reported downtime of the thermal oxidizer: unplanned maintenance downtime - 6/15/20 - 05:00-06:00 CEMS monitor downtime: 14hr total, reasons include dryer malfunction, process malfunction, CEMS malfunction.
04/15/2020	MAERS	Compliance	Submittal appears to account for all applicable emission units and emissions.
04/13/2020	NSPS (Part 60)	Compliance	CEMS quarterly Report and NSPS Db report TO operated 2,184 hours during the reporting period. The facility reported no incidences of excess NOx emissions for the reporting period. There was no reported downtime of the thermal oxidizer CEMS monitor downtime: 1 hr total, reason listed as "other"
03/30/2020	NSPS (Part 60)	Compliance	NSPS Db report TO operated 1,857 hours during the reporting period. The facility reported no incidences of excess NOx emissions for the reporting period. Reported downtime: Planned downtime (fall shutdown) 10/01/19 (00:00) - 10/11/19 (11:00) CEMS monitor downtime: 2hrs. for CEMS Maintenance, 1hr. due to an unknown cause, 3hrs. Dryer malfunction, 5hrs. No Reason Code, 1hr. CEM malfunction

Activity Date	Activity Type	Compliance Status	Comments
03/12/2020	NSPS (Part 60)	Compliance	Semiannual Report for LDAR Monitoring Semiannual Compliance with Subpart VV 705 components monitored - 3 leak detected, 2 leaks were immediately repaired. Repair of 1 leak delayed until shutdown on the week of May 3, 2020, due to safety. 1 LDAR monitoring points added and 0 removed during the semi-annual period.

Name: Eric Grinstern Date: 12/23/2020 Supervisor: HH