

DEPARTMENT OF ENVIRONMENTAL QUALITY

AIR QUALITY DIVISION

FCE Summary Report

Facility : POET Biorefining - Caro, LLC	SRN : N6996
Location : 1551 Empire Drive	District : Bay City
	County : TUSCOLA
City : CARO State: MI Zip Code : 48723	Compliance Status : Compliance
Source Class : MAJOR	Staff : Adam Shaffer
FCE Begin Date : 6/24/2020	FCE Completion Date : 6/24/2021
Comments : 2021 FCE Report	

List of Partial Compliance Evaluations :

Activity Date	Activity Type	Compliance Status	Comments
06/24/2021	On-site Inspection	Compliance	Scheduled announced inspection.
04/06/2021	ROP SEMI 2 CERT	Compliance	As required by MI-ROP-N6996-2018, a Semi-Annual Compliance Report, was received by the AQD on 03/15/21. The reporting time period was from 07/01/20 through 12/31/20. One deviation was reported during this time period. The deviation was regarding FGFERM&DIST. The MAP requires dosing the scrubber with 20 gallons per day of SBS to control acetaldehyde. Only 19.1 gallons were used on the day of the deviation. Several errors were noted in the deviation report and were discussed / clarified with POET staff. The Sem-Annual Compliance Report was concluded to be acceptable. (AShaffer, 04/06/21)

Activity Date	Activity Type	Compliance Status	Comments
04/06/2021	ROP Annual Cert	Compliance	As required by MI-ROP-N6996-2018, an Annual Compliance Report, was received by the AQD on 03/15/21. The reporting time period was from 01/01/20 through 12/31/20. One deviation was reported during this time period. The deviation was regarding FGFERM&DIST. The MAP requires dosing the scrubber with 20 gallons per day of SBS to control acetaldehyde. Only 19.1 gallons were used on the day of the deviation. Several errors were noted in the deviation report and were discussed / clarified with POET staff. The Annual Compliance Report was concluded to be acceptable. (AShaffer, 04/06/21)
04/06/2021	MAERS	Compliance	As required by MI-ROP-N6996-2018, a MAERS Report Certification was submitted for the 2020 MAERS Report which was submitted on 03/10/21. One minor error was noted in the report certification regarding the reporting time periods. The 2020 MAERS Report Certification was concluded to be acceptable. (AShaffer, 04/06/21)
04/06/2021	CAM Excursions/Exceedances	Compliance	As required by MI-ROP-N6996-2018, a CAM Excursion / Exceedance Report was submitted to the AQD. The reporting time periods were 07/01/2020 through 12/31/2020. During this time period one incident was identified regarding the FGFERM&DIST with the cause stated being a restriction in line feeding to the scrubber. The date of the incident was 12/18/2020. Corrective actions taken included installing new alarms and the SBS throughpoint set point was raised to ensure there was a buffer between the minimum daily requirement and actual dose. This incident had been previously reported to the AQD. No additional excursions / exceedances were reported. (AShaffer, 04/06/21)

Activity Date	Activity Type	Compliance Status	Comments
04/06/2021	CAM monitor downtime	Compliance	As required by MI-ROP-N6996-2018, a CAM Monitor Downtime Report was submitted to the AQD. The reporting time periods were 07/01/2020 through 12/31/2020. During this time period no monitoring downtime events occurred. The report was properly certified and received on time. (AShaffer 04/06/21)
04/06/2021	NSPS (Part 60)	Compliance	As required by MI-ROP-N6996-2018, a Semi-Annual VVa Report was submitted to the AQD. The reporting time periods were 07/01/2020 through 12/31/2020. During this time period one leak was identified by POET staff. In the records provided there appeared to be a second leak not mentioned. This was made aware to POET staff and after further discussion had determined to have been a false reading. A retest had been completed with the unit passing. This appears acceptable. The hours applicable units had been shut down were provided for each month with a total of 110 hours. (AShaffer, 04/06/21)
01/12/2021	Rule 912	Compliance	Ferm&Dist affected units. Sodium bi-sulfate flow was 19.1 gpm for 12/18-12/19, MAP requires 20 gpm for acetaldehyde control. Plugging in lines were not corrected right away. Did not cause excess emissions. Release amount based on last stack test results and conservative assumptions.
09/16/2020	ROP Semi 1 Cert	Compliance	No deviations
09/08/2020	CAM Excursions/Exceedances	Compliance	No excursions
09/08/2020	CAM monitor downtime	Compliance	No downtime

Name: Adam Shaffer Date: 09/08/2021

Supervisor: Chris Hare