

DEPARTMENT OF ENVIRONMENTAL QUALITY

AIR QUALITY DIVISION

**FCE Summary Report**

<b>Facility :</b> RED LEAF RNG LLC	<b>SRN :</b> P1268
<b>Location :</b> 113 N LEE ROAD	<b>District :</b> Grand Rapids
	<b>County :</b> IONIA
<b>City :</b> SARANAC <b>State:</b> MI <b>Zip Code :</b> 48881	<b>Compliance Status :</b> Compliance
<b>Source Class :</b> MAJOR	<b>Staff :</b> Eric Grinstern
<b>FCE Begin Date :</b> 5/3/2023	<b>FCE Completion Date :</b> 5/3/2024
<b>Comments :</b> FY 24 FCE	

**List of Partial Compliance Evaluations :**

Activity Date	Activity Type	Compliance Status	Comments
04/22/2024	Stack Test	Compliance	Stack test results for sampling conducted on February 21, 2024 and April 10, 2024. February 21, 2024: The results of the samples collected showed sulfur content that varied greatly from the continuous monitor and stain tube results. The results demonstrated compliance (34.3 pph), however, the facility believed that the discrepancy between the testing results and the continuous monitor and stain tube samples resulted from an error at the third-party lab. The facility proposed to resample, which was completed on April 10, 2024. The samples from the April 10, 2024, event utilized a Tedlar bag, with the samples driven to a lab in Traverse City, MI. Sampling on April 10, 2024, showed the H2S as reported by the continuous monitor (10,790 ppm) and colorimetric indicator tube (10,666 ppm) to be slightly higher than the average total sulfur content reported for the samples analyzed via test method ASTM D5504 (10,390 ppmv). The mass emission rate calculated from the ASTM testing equates to 17.3 pph.

Activity Date	Activity Type	Compliance Status	Comments
04/19/2024	Annual Emissions Report (or MAERS)	Compliance	Submittal appears to account for all applicable emission units and associated emissions. The facility supplied an attachment that provides supporting calculations. Emission calculations were based on established emission factors used in the permit application as well continuous monitor data.
03/11/2024	Other Non ROP	Compliance	Updated PM/MAP received
02/21/2024	On-site Inspection	Compliance	Onsite compliance inspection
02/21/2024	Stack Test Observation	Compliance	Sampling gas going to the thermal oxidizer the verify total sulfur content.
10/17/2023	Other Non ROP	Compliance	Notification that EUGCU commenced operations on September 30, 2023.
09/06/2023	Other Non ROP	Compliance	Notification that EUBOILER commenced operations on August 15, 2023.
08/16/2023	Other Non ROP	Compliance	Notification of Completion of Emission Unit ID EUFLARE. Commenced operation on August 3, 2023.
05/08/2023	Other Non ROP	Compliance	Nuisance Minimization Plan received

Name: Eric Grinstern Date: 05/03/2024 Supervisor: HH