

DEPARTMENT OF ENVIRONMENTAL QUALITY
AIR QUALITY DIVISION
ACTIVITY REPORT: On-site Inspection

B914965507

FACILITY: Lambda Energy Resources LLC - Frederic 2		SRN / ID: B9149
LOCATION: 11770 LYNN LAKE RD, GAYLORD		DISTRICT: Gaylord
CITY: GAYLORD		COUNTY: CRAWFORD
CONTACT:		ACTIVITY DATE: 11/17/2022
STAFF: David Bowman	COMPLIANCE STATUS: Compliance	SOURCE CLASS: SM OPT OUT
SUBJECT: Site has been shut in and is undergoing removal of some equipment.		
RESOLVED COMPLAINTS:		

On 17 November 2022 I, David Bowman MI EGLE AQD, conducted a site inspection of B9149 Frederic 2, located at 11770 Lynn Lake R, Gaylord, operating under the conditions of permit to install (PTI) 201-97. The site is actually located on Nueman rd in Frederic. From Frederic travel North on Od US 27 and then turn West on Tin Peaks Rd. Travel West for approximately 0.5 Miles and then turn North on Nueman Rd. Travel North for approximately 1.5 miles. The site is located approx. 0.5 miles East and on a hill side. It can be seen through the trees as you approach the drive. It was 28°F and snowing when I arrived.

The site is shut in. Records indicate that the site did not operate during CY 2021 and not during CY 2022 YTD. There was no odors and no apparent spills visible in the fresh snow. Lambda Energy requested voiding PTI 201-97 on 11-16-2022. They are not going to close the site, but it will operate only with equipment exempt under the Michigan Air Pollution Control Rules Exemptions. As of 11-17-2022 the equipment is still present and wired/piped to operate if source wanted to. I have emailed with Lambda and they are going to notify me when all PTI covered equipment has been disconnected so I can inspect and continue on with the voiding process. Until that date the site is still going to be covered under the conditions of PTI 201-97.

The site has one drive that is one way clock wise around the facility. The site had no odors and no apparent spills.

SC 19 – requires that all necessary maintenance be completed. The site is not operating any equipment so it was not possible to determine if any items are not being maintained. There was no equipment that appeared broken or tore apart. When I arrived there was a vacuum truck at the amine plant building cleaning up from work that was being conducted in that building. Inspecting the building it appeared to be clean and orderly. The same for the two buildings with the engines in them.

There is an area with four 400 bbl storage tanks with two labeled process water and two labeled crude. (These are below SC 20 tanks of 952 bbls or more so SC 20 does not apply.) The drive then continues around the facility where there is a small field with barrels on stills that look to be storage and not part of the site.

SC 20 – sites with crude or condensate tank storage of 952 bbls or greater requirements. There are found tanks onsite, two labeled crude and two labeled process water, that are approx. 400 bbl in size so this does not apply.


SC 24 – site may only process sweet gas. There was no gas processing at the facility to be able to confirm or deny this SC.

SC 25 and SC 26 apply to the Sweetening Facility. This was not operating and is part of what has been requested to void and Lambda plans to remove. Using the Nikon Forestry Pro II I was able to estimate the stack height at 30' tall and visually estimated the opening to be 18 inches diameter.

SC 27 and SC 28 apply to the onsite flare. The flare was not operating at the time of inspection. The pilot was not lit and no gas was being processed at the facility. I used the Nikon Forestry Pro II to estimate the height of the flare at 101.8'

SC 29 requires proper disposal of iron sponge absorbent media. There was no media openly stored onsite so I assume that when they changed it last it was taken to the proper disposal site.

The two engines at the site are Waukesha engines. Neither were in operation. They did have Air Fuel Ratio Controllers installed on each. Using the Nikon Forestry Pro II I estimated the stack height to be approximately 20' and visually estimated the openings at 14 inches diameter.

NAME 

DATE 2-13-23

SUPERVISOR 