

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

N608870458

FACILITY: Lambda Energy Resources, LLC - CASE 33		SRN / ID: N6088
LOCATION: WALTER HWY, MILLERSBURG		DISTRICT: Gaylord
CITY: MILLERSBURG		COUNTY: PRESQUE ISLE
CONTACT:		ACTIVITY DATE: 01/05/2024
STAFF: David Bowman	COMPLIANCE STATUS: Compliance	SOURCE CLASS: SM OPT OUT
SUBJECT: Scheduled Inspection FY 24		
RESOLVED COMPLAINTS:		

On 5 January 2024 I, David Bowman MI EGLE AQD, conducted a site inspection of N6088 lambda Case 33, an Optout source, operating under the conditions of permit to install (PTI) 646-96. The site address is Hawks, but it is actually south/southwest of Millersburg. From the intersection of Rainy Lake Rd and Walter Highway travel west on Walter Highway for approximately 0.5 miles and the drive is on the south side of the road. The site is not easily seen from Walter highway. There is a gate and fence around the facility, at the time of inspection the gate was open.

Weather at the time of the inspection winds were calm at zero, it was cloudy, and the temperature was 24°F. There was a light coating of snow on the ground. The facility was not operating but had some vehicle traffic in it that day.

There was no odors present, no obvious areas of spillage or leaks from the processes. It appeared that the site had recently been shut in, on many of the valves that were closed orange ribbon was observed – most likely to indicate what to open back up once the plant comes back online. The valves in all the buildings and in the main lines coming from the fields all had valves with the orange tape marking them. The marking of the valves around the facility indicated to me that it was to be used to help bring the plant back online in a timely manner. Based upon the “Do Not Operate” tag for the engine it appears that the site was shut in on or near 20 December 2023. The site had power and the lights and warning lights were operational.

SC 19 requires that the owner/operator of the site conduct all necessary maintenance....

Discussion – the site appeared to be maintained and based upon the status of the site and notes on the check sheet it appeared that the site was closed down for a maintenance issue.

SC 20 applies to crude oil or condensate storage tanks with capacity equal to or greater than 952 barrels...

Discussion – The site had 6 approximately 450-barrel tanks on it so this condition does not apply. The tanks are located in secondary containment and are vented to atmosphere. There was four labeled crude oil and four labeled process water. There were no discernable odors near the tank battery.

SC 24 facility shall only process sweet gas...

Discussion – there was no indication on the site that any gas other than sweet gas is processed.

There are four operational process heaters at the site with data plates that indicate 2.4 MMBtu/Hr for the heat input. They were not operating, but the condition and piping indicated

that they could be ran when needed. There were two larger process heaters that appeared to be out of service based upon the parts missing. They did not have a data plat that I could find, but they appeared to be slightly larger than the four operational heaters. The gauges on the process heaters showed zero PSI and there was no heat from the stacks.

There is a separator building located near the tank battery. Although it was not operating at the time of inspection it was obvious that it is maintained on a regular basis. There were several valves in the closed position marked with orange marking tape in this building.


There is an approximately 300-barrel tank with a vent stack (vertical and to atmosphere) located on the site. This is the same type of system I have seen at many other CPF used for blowing down of the lines. There was no control on the tank.

The compressor engine is a Waukesha that exhausts to a catalytic oxidizer before venting vertically out of the stack. The PTI has no requirements for the engine type or the stack. The engine was not operating and there were several valves that were closed and marked with orange marking tape. On the engine was a Do Not Operate tag with "No Oil" written on it. There was no check sheet present at the engine. The control panel was labeled 0015 and there was an air fuel ratio controller (AFRC) that appeared to be wired into the engine. The engine data plate listed the S/N as 394300; model number as 1704260; the size is listed as 9 3/8 x 8L/2.

I used the Nikon forestry Pro III to estimate the height of the exhaust stack at 16.5 feet above ground. The diameter of the exhaust was approximately 10".

There was an approximately 350-gallon drum, on stilts, in secondary containment, labeled Methyl Alcohol on the south side of the site perimeter road near the compressor shed.

In the dehy shed there were several valves that were closed and marked with orange marking tape. The system was not functioning. The burner stack is approximately 20' above ground level with an estimated diameter of 8". It appears to be piped to a flash tank outside of the dehy shed.

NAME 

DATE 1-29-24

SUPERVISOR 