

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

N623170087

<b>FACILITY:</b> Lambda Energy Resources LLC - Chester 34		<b>SRN / ID:</b> N6231
<b>LOCATION:</b> 6790 Bass Lake Trl, GAYLORD		<b>DISTRICT:</b> Gaylord
<b>CITY:</b> GAYLORD		<b>COUNTY:</b> OTSEGO
<b>CONTACT:</b>		<b>ACTIVITY DATE:</b> 12/11/2023
<b>STAFF:</b> David Bowman	<b>COMPLIANCE STATUS:</b> Compliance	<b>SOURCE CLASS:</b> SM OPT OUT
<b>SUBJECT:</b> scheduled inspection FY 24		
<b>RESOLVED COMPLAINTS:</b>		

On 11 December 2023 I, David Bowman MI EGLE AQD, conducted a site inspection for N6231 Chester 34 (Lambda) operating under the conditions of permit to install (PTI) 99-97. The weather conditions at the time of inspection were 27°F, calm winds, and overcast skies.

The site has an address stake in front of the gate of 6970 Bass Lake Trail, Johannesburg, MI. To find the site travel north on Turtle Lake Rd from Old State Road for approximately 2.7 miles, then turn east on Bass Lake Trail Rd. Approximately 1.1 miles after turning onto Bass Lake Trail Rd the site is on the south side of the road. It can be seen from the road.

The site appears to be well maintained, there was no indication of spills at the site. The site appeared to be clean and free of debris. Maintenance of the site and equipment appeared to be conducted correctly meeting the requirements of SC 19.

There is a tank battery in secondary containment at the site. There are 3 x 450 bbl tanks labeled "crude" and 1 x 300 bbl tank labeled "water." Each of the tanks appeared to be connected to a vapor recovery unit (VRU). There was a slight odor of petroleum near the tank battery, a level one odor. SC 20 does not apply to the tank battery because the tanks are not 952 bbl tanks or larger.

There is also a 250-350 bbl tank with a stack, in secondary containment, at the site that is used as a blowdown tank. There was no odors or visible emissions coming from this tank or the area near it.

There are 3 x large heater/treaters and 3 x medium heater/treaters at the site. None of them appeared to be operating. There was no heat from the stacks, although flow could be heard from them indicating that they could be used if necessary for the process.

The DEHY located at the site appeared to be in operation. I was not able to locate a data plate for the DEHY. There was an approximately 250 gallon barrel of triethylene glycol in secondary containment hard lined to the DEHY and the DEHY appeared to have a flash tank installed to capture any over flow. There was a level one odor of natural gas near the dehy, but I could not discern where in the system it would be coming from. The gauges on the DEHY indicated that the temp was 65 °F 9(+/-5 °F) and 550 PSI. There were no there gauges or operations data at the DEHY.

The engine shed had a single engine with out control in it. The check sheet was present, but the site operator did not appear to have been to the site yet today, so it was not filled out. The sheet indicated it was for Unit 608. I was not able to find a data plate for the engine, there was a small plate located on the engine that I could not safely get access to. It was about the size of a

business card and not legible. I was not able to verify the make or model of the engine. Operating data at the time of inspection was temperature was approximately 140 °F and the engine was at 767 rpm. The stack on the engine was routed over the cooling fan on the back of the building. Using the Nikon Forestry Pro II I estimated that the stack height is 10.5' above ground level and not more than 8" diameter. The PTI has no stack requirements.

NAME

DATE 1-29-24

SUPERVISOR

