

**DEPARTMENT OF ENVIRONMENTAL QUALITY  
AIR QUALITY DIVISION  
ACTIVITY REPORT: Scheduled Inspection**

N660955733

<b>FACILITY:</b> Lambda Energy Resources, LLC - Albert 16		<b>SRN / ID:</b> N6609
<b>LOCATION:</b> 4850 Winding Road, Sec 16 Albert TWP, LEWISTON		<b>DISTRICT:</b> Gaylord
<b>CITY:</b> LEWISTON		<b>COUNTY:</b> MONTMORENCY
<b>CONTACT:</b>		<b>ACTIVITY DATE:</b> 10/08/2020
<b>STAFF:</b> Bill Rogers	<b>COMPLIANCE STATUS:</b> Compliance	<b>SOURCE CLASS:</b> SM OPT OUT
<b>SUBJECT:</b> Site inspection for FCE		
<b>RESOLVED COMPLAINTS:</b>		

On October 8, 2020, I inspected the Albert 16 CPF for compliance with Permit to Install 213-07. See an earlier report, dated October 7, for a compliance review of records from this facility.

**PI 213-07 contains two Emission Units and two Flexible Groups:**

- EUDEHY, a glycol dehydrator processing gas from the Niagaran Zone
- EUENGINE1, a natural gas fired reciprocating engine
- FGMETHANOL, methanol storage less than 5000 gallons
- FG FACILITY, all equipment on site.

**FGMETHANOL:**

There are no permit conditions regarding FGMETHANOL. I did see some small drum on stilts methanol tanks around the facility; two or three, of 300 gallon size or perhaps a bit larger. The total of these would be well less than the 5000 gallons mentioned in the permit.

**EUDEHY:**

Condition 1.1 requires a flash tank. I saw what I believe to be a flash tank in the glycol dehydrator.

Condition 1.2 requires a condenser. There is a condenser on the glycol dehydrator.

Comments: The burner stack was perhaps 24 feet high and 4 inches diameter. It has what appears to be a no-loss cap, which would satisfy exhausting unobstructed vertically upward. I couldn't identify the still vent for certain. I believe I knew which it was, but there were several pipes that exhausted from the dehydrator's plumbing. They were all about 12 feet above ground level and 1 to 3 inches diameter.

**EUENGINE1**

Condition 2.4 requires that any add on control device should be installed and operating properly. EUENGINE1 is equipped with a catalytic oxidizer. It appeared to be installed. I found a temperature display which said pre oxidizer temperature was 851 degrees f and post temperature was 894 degrees f. A temperature rise across the catalytic oxidizer indicates that it is burning pollutants from the exhaust passing through, which in turn suggests that it is operating properly.

Condition 2.12 sets stack dimensions as a maximum diameter of 12 inches at a minimum elevation of 30 feet above ground level. The stack appears to meet these requirements.

The stack exhausts the compressor shed horizontally to a horizontal muffler, then turns upward terminating in a tall stack which exhausts unobstructed vertically upward. The catalytic oxidizer is in the horizontal exhaust pipe between the shed wall and the muffler. The temperature readouts for the catalytic oxidizer are inside the shed, on the wall near the point where the exhaust pipe exits.

The engine was running at 707 RPM. There was no opacity in its exhaust.

COMMENTS

The facility includes four 400 barrel oil field storage tanks and one high pressure storage tank, all inside a lined berm. Two of the 400 barrel tanks were labeled as crude oil. I didn't see labels on the other two. The pressure tank was labeled as condensate.

There are five process heaters or heater treaters on site. 4 of these are of moderate size, one is small.

NAME \_\_\_\_\_

DATE \_\_\_\_\_

SUPERVISOR \_\_\_\_\_

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Rogers Jr.

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