

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

N817066211

<b>FACILITY:</b> RIVERSIDE - MT. MARIA CPF		<b>SRN / ID:</b> N8170
<b>LOCATION:</b> MT. MARIA CPF NE NE OF SEC 32 T28N R7E, ALCONA		<b>DISTRICT:</b> Gaylord
<b>CITY:</b> ALCONA		<b>COUNTY:</b> ALCONA
<b>CONTACT:</b>		<b>ACTIVITY DATE:</b> 01/27/2023
<b>STAFF:</b> David Bowman	<b>COMPLIANCE STATUS:</b> Compliance	<b>SOURCE CLASS:</b> SM OPT OUT
<b>SUBJECT:</b> Scheduled inspection. No violations found		
<b>RESOLVED COMPLAINTS:</b>		

On January 27, 2023, I, David Bowman MI EGLE AQD, conducted a scheduled inspection of N8170, Riverside – Mt Maria. Mt Maria is an optout source operating under the conditions of permit to install (PTI) 329-08. The site is located by traveling south from Hubbard Lake on MT Maria rd. From consolidated hunt club rd travel South for 2.7 miles, then the road abruptly turns west, then travel 0.2 miles. Consolidated hunt club is a two track that is gated and has controlled access, ensure prior to coordination with Riverside for access.

At the time of inspection, the weather was snowing, temperature was 17°F and winds were calm. The source is in a small bowl/depression so very little wind was moving on the site. Upon arrival onsite there was no discernable odors and no visible signs of spills. The overall condition of the site was very clean and maintained. I met with Joshua, the site operator, and discussed the PTI, my process at the site, and went over my inspection results.

EUDEHY –

40 CFR part 63 Subpart HH has not been delegated to AQD so no compliance evaluation was conducted for this requirement. The pollution control equipment is listed as a flash tank and vapor recovery unit. There is a roughly 300-gallon tank with three small T covered stacks approximately 3 feet tall on a 45 degree angle from the tank. The tank is under cover, but outside the compressor building. At the time of inspection there was no odor and no VE from the stacks.

#### SC VIII. Stack/Vent Restrictions

Stack and Vent ID	Maximum Exhaust Dimension	Minimum Height Above Ground	Estimated Exhaust Diameter	Estimated Height Above Ground
SCDEHY	2"	10'	2" (with T top)	22'

**Note:** The estimated height above ground was completed using a Nikon Forestry Pro II laser range finder averaging three shots

There is no requirement for the stack for the heater; however, I estimated it at 8" diameter and I used the Nikon Forestry Pro II to estimate the stack height at 22' tall.

There was a 300-gallon barrel of glycol on stilts in, secondary containment, under cover, and is hard lined to EUDEHY.

EUENGINE1 is a natural gas fired reciprocating engine, lean burn. The Skid and control panel are labeled GCS 961. The information on the control panel matched the information on the daily check sheet.

**SC III. Process/Operational Restrictions**

1. Requires a preventative maintenance/malfunction abatement program (PM/MAP) ...

Discussion – The current PM/MAP was approved July 15, 2010 and is on file at the Gaylord District Office.

**SC VIII.**

Stack and Vent ID	Maximum Exhaust Dimension	Minimum Height Above Ground	Estimated Exhaust Diameter	Estimated Height Above Ground
SCDEHY	12"	36'	12"	56'

Note: The estimated height above ground was completed using a Nikon Forestry Pro II laser range finder averaging three shots

**SC IX. Other Requirements**

1/ The natural gas monitoring device....

Discussion – there is a device to measure the amount of natural gas used by EUENGINE1 and the amount of gas produced on site.

**FGFACILITY**

**SC II. Material Limits**

1. Shall not burn any sour natural gas...

The gas at site is from the Antrim Zone. There was no odors or other indications that any sour gas is processed or used at the site.

There was multiple 300-gallon tanks on stilts and in secondary containment. There are two oil tanks (1 x HDAX 3200 Low ash oil, 1 x Chevron Regal R&O ISO 100) and one tank labeled methanol that is not connected to any other parts of the machinery.

There were no violations noted during the site inspection.

NAME 

DATE 2-13-23

SUPERVISOR 