

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

N759247336

FACILITY: RIVERSIDE - CUSTER 7 CPF		SRN / ID: N7592
LOCATION: 3996 DB Trail, CUSTER TWP		DISTRICT: Cadillac
CITY: CUSTER TWP		COUNTY: ANTRIM
CONTACT: Brandon McDowell , Field Representative		ACTIVITY DATE: 12/04/2018
STAFF: Rob Dickman	COMPLIANCE STATUS: Compliance	SOURCE CLASS: SM OPT OUT
SUBJECT: Scheduled inspection of this opt out source.		
RESOLVED COMPLAINTS:		

Performed the onsite portion of the inspection for this facility. The inspection was performed per Permit to Install 96-06D. Review of records for this facility was performed and documented on 12/13/18. No odors or visible emissions were noted on site during the inspection. An inventory of pertinent equipment is as follows:

- One Caterpillar 3516LE, Unit 191
- One Caterpillar 3512LE, Unit 192
- One glycol dehy
- One 400 bbl storage tank

Unit 191 is a Caterpillar model 3516LE lean burn engine. This engine is uncontrolled. Engine parameters recorded on site include:

- Coolant temperature – 194 degrees
- Oil pressure – 53 pounds
- RPM – 1288

These parameters appear consistent with the daily operation parameters taken on site. This engine has not been swapped out since the previous inspection in 2011. There is a device installed to measure natural gas flow to this engine. The stack for this engine is to have a maximum diameter of 12 inches and a minimum height of 38 feet. It appears to be in compliance with these parameters. Verification of Nitrogen Oxides (NOx) and Carbon Monoxide (CO) emissions from this engine has not been requested by the AQD and is not recommended at this time.

Unit 192 is a Caterpillar model 3512LE lean burn engine. This engine is uncontrolled. Engine parameters recorded on site include:

- Coolant temperature – 184 degrees
- Oil pressure – 61 pounds
- RPM – 1005

These parameters appear consistent with the daily operation parameters taken on site. This engine has not been swapped out since the previous inspection in 2011. There is a device installed to measure natural gas flow to this engine. The stack for this engine is to have a maximum diameter of 12 inches and a minimum height of 38 feet. It appears to be in compliance with these parameters. Verification of Nitrogen Oxides (NOx) and Carbon Monoxide (CO) emissions from this engine has not been requested by the AQD and is not recommended at this time.

There is a glycol dehydrator on site. It is required to be in compliance with 40 CFR 63 Subpart HH. Currently, the AQD has not taken compliance and enforcement authority of this regulation. Therefore, this dehy was not evaluated for compliance purposes with respect to the air permit.

The wells feeding this facility pull from Antrim formations only, therefore, only sweet natural gas is combusted at this facility. The AQD can request sulfur content verification from the facility, however, no request has been made and is not recommended.

The storage tank on site appeared in good condition and was labelled “Not In Use”. This tank would likely be exempt from permitting as it’s capacity is less than 952 barrels per R 336.1284(2)(e).

At the time of this inspection, this facility appeared in compliance with applicable air permitting.

NAME 

DATE 12/18/18 SUPERVISOR _____