

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

P043547763

FACILITY: Core Energy - Beaver Creek C3-11		SRN / ID: P0435
LOCATION: KING ROAD, GRAYLING		DISTRICT: Cadillac
CITY: GRAYLING		COUNTY: CRAWFORD
CONTACT: Luke Franklin , HES - Michigan		ACTIVITY DATE: 01/09/2019
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 48-13A. Review of records for this facility was performed and documented on 1/15/19. No odors or visible emissions were noted on site during the inspection. An inventory of pertinent equipment is as follows:

- One Waukesha F2895GL, Unit 74189
- One waste flare
- One glycol dehydrator
- Four 400 bbl condensate tanks

Unit 74189 is a Waukesha model F2895GL lean burn engine. This engine has no catalytic control. Engine parameters recorded on site include:

- Coolant temperature – 184 degrees
- Oil pressure – 62 pounds
- RPM – 836

These parameters appear consistent with the daily operation parameters taken on site. This engine was swapped out with a Caterpillar model 3512 in September of 2018. There is a device installed to measure natural gas flow to this engine. The stack for this engine is to be 1.5 times the height of the building housing it. It appears to be in compliance with this parameter. 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.

The compressor does not send gas directly to a sales pipeline and is exempt from 40 CFR 60, Subpart OOOO. Additionally, based on information obtained on site, the pneumatic controllers appear to be non-continuous bleed and are also exempt from Subpart OOOO.

There is a glycol dehydrator on site. It has a flash tank installed. The facility is permitted for two glycol dehyds but only one appears to have been installed. There is a waste flare associated with this dehy that is to be in operation whenever the dehy is operating. This flare was not in operation at the time of the inspection. This flare appears to have an auto ignition system installed.

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.

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

NAME 

DATE 2/7/19

SUPERVISOR 