

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

P044643146

FACILITY: CORE ENERGY LLC Dover 36 CPF		SRN / ID: P0446
LOCATION: SEC 36 (Lat: 45 02' 11.6" - Long: 84 30' 39.5"), DOVER TWP		DISTRICT: Cadillac
CITY: DOVER TWP		COUNTY: OTSEGO
CONTACT: Bob Tipsword , Operations Manager		ACTIVITY DATE: 01/10/2018
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 82-13. Review of records for this facility was performed and documented on 1/4/18. No odors or visible emissions were noted on site during the inspection. An inventory of pertinent equipment is as follows:

One Caterpillar 3516 LE, GCS 807, with catalytic control (Engine 1)
 One Caterpillar 3516LE, GCS 1171, no control (exempt engine per R 336.1285(2)(g))
 One Caterpillar 3412LE, GCS 157, no control (exempt engine R 336.1285(2)(g))
 One Waukesha F1197G, No control, not in operation (Engine 2)
 One glycol dehy (exempt under R 336.1288(2)(b)(ii))
 Eleven in line heaters (exempt under R 336.1282(2)(b)(i))
 Three process heaters (exempt under R 336.1282(2)(b)(i))
 Eight AST's (exempt under R 336.1284(2)(e))

There is a considerable amount of exempt equipment on this site. A PTE assessment of this equipment was requested by Bill Rogers in 2014. This assessment demonstrated that the issued opt out permit, 82-13, was correct and complete for the equipment on site.

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 engines listed are subject to 40 CFR 63 Subpart ZZZZ. Compliance is by routine maintenance and recordkeeping. Records previously reviewed indicate compliance. There is catalytic control on Engine 1. According to the permit, Engine 1 is subject to 40 CFR 60 Subpart JJJJ. According to 60.4230(4)(ii) for owners and operators installing after 2006, the date of manufacture for the engine to be subject to JJJJ must be on or after January 1, 2008. However, in the permit application, the engine vendor indicates the date of manufacture to be June of 2003. I will follow up with the facility to determine the regulatory status of this engine. Compliance with this is through installation and maintenance of the catalyst. This catalyst is installed and appears maintained.

The facility is required to control any storage tank on site with a capacity greater than 952 barrels. As indicated by the above inventory of equipment, there are no storage tanks on site greater than 952 barrels.

Should the AQD deem it necessary, a request could be made to test emissions from these engines. No such request has been sent and is not recommended at this time.

The facility is required to comply with 40 CFR 60 Subpart KKK. This facility does not process natural gas liquids and is not subject to this Subpart.

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

NAME



DATE

1/26/18

SUPERVISOR

