

DEPARTMENT OF ENVIRONMENTAL QUALITY  
AIR QUALITY DIVISION  
ACTIVITY REPORT: Self Initiated Inspection

N613526044

FACILITY: LINN Operating, Inc. - Dover 36 CPF (classics)		SRN / ID: N6135
LOCATION: SW4 NW4 T31N R2W SEC 36, DOVER TWP		DISTRICT: Gaylord
CITY: DOVER TWP		COUNTY: OTSEGO
CONTACT:		ACTIVITY DATE: 07/11/2014
STAFF: Bill Rogers	COMPLIANCE STATUS: Compliance	SOURCE CLASS: SM OPT OUT
SUBJECT: Unscheduled inspection		
RESOLVED COMPLAINTS:		

On July 11, 2014, I inspected the Linn Operating Dover 36 CPF. This facility is off Kubaki Road in Dover Township. The larger Core Energy facility is immediately adjacent and is more or less between the Linn facility and the road. To reach the Linn facility use the drive at the north edge of the Core facility and drive to the back fence.

This was an unscheduled, unannounced inspection. I was there to inspect the Core Energy facility and inspected the adjacent Linn Operating facility while I was at it.

The facility includes a dehy shed and a compressor shed.

The dehydrator burner stack was approximately 8 inches diameter and 24 feet high, terminating as a T shaped pipe with the side arms of the T angled slightly downward. I did not see the glycol vent. There was no opacity. There were moderate glycol odors near this shed.

The compressor shed contains one medium-sized Caterpillar natural gas-fired engine with a catalytic oxidizer. The engine was labeled as GCS 807 in metal letters welded to the engine mount, identifying it as Unit 807 of Gas Compression Services. Stack diameter was about 12 inches. I saw that the catalytic oxidizer was installed. The exhaust pipe exits the building through the wall to a horizontal muffler outside the building. A pipe elbow then directs the exhaust back toward the ground from an elevation of about 20 feet. There was no opacity.

Engine instruments indicated 1058 RPM, engine oil pressure 60, coolant temperature 190 degrees f, compressor oil pressure 65.

I was not able to get catalyst temperatures with the infrared thermometer I carried. However a clipboard hanging near the engine listed temperatures on the day of my inspection as pre-cat, 1024 degrees f, post-cat 1083 degrees f.

The compressor shed also contained one orange-painted metal tank labeled as waste oil and one 300 gallon size drum on stilts style tank labeled as Delo 400 LE SAE 15W-40 (motor oil presumably).

A large pressure vessel near the compressor was labeled as "Inlet Gas Separator- Low pressure natural gas."

The compressor shed contained one large orange drum-style tank labeled as waste oil, and one drum on stilt style tank about 100 gallon size labeled engine oil SAE 15w-30.

The facility has outdoor tanks, including one large tank inside a lined berm. It was near the dehy shed. It was slightly smaller than the standard 400 barrel size. I didn't notice any label on it. I thought it was a brine tank but previous inspections at this facility note only one tank which was labeled as slop oil.

There were two pressure tanks of the kind used to hold propane or condensate, near the dehy shed. Each was about 15 feet long and 3.5 or 4 feet diameter, approximately.

Building maintenance appeared fair to poor.

NAME William J Rogers L.

DATE 7/23/2014

SUPERVISOR \_\_\_\_\_