

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

N782339629

FACILITY: TRENDWELL ENERGY CORP		SRN / ID: N7823
LOCATION: E.ALBERT2 NW NW SW SEC2 T29N R2E, ALBERT TWP		DISTRICT: Gaylord
CITY: ALBERT TWP		COUNTY: MONTMORENCY
CONTACT:		ACTIVITY DATE: 04/28/2017
STAFF: Bill Rogers	COMPLIANCE STATUS: Compliance	SOURCE CLASS: MINOR
SUBJECT: Self initiated minor source inspection.		
RESOLVED COMPLAINTS:		

On April 28, 2017, I stumbled across the Trendwell Energy Corporation East Albert 2 Satellite CPF, while looking for another site. I conducted an inspection while I was there.

The facility sign identified it as Trendwell Oil Corporation / East Albert 2 Satellite Facility / NW/4 SW/4 SW/4 Section 2 / T29N R2E / Montmorency Co MI

This facility is permitted as a minor source under PI 203-07. The only equipment listed in the permit is a reciprocating engine, and that is the only equipment I found on site which I thought might need an air use permit.

PI 203-07, Special Condition 1.2, prohibits burning sour gas. I didn't see any evidence of sour gas at the facility.

Condition 1.3 requires a Malfunction Abatement Plan or equivalent. The company submitted one. We approved it on July 30, 2008.

Condition 1.5 requires that any add on control device be installed and operating properly. While on site I observed a catalytic oxidizer in the exhaust stack, which appeared to be installed properly. It had a temperature readout on the control panel; "Point 2" (usually the outlet temperature) was on the display as 956 degrees f. This does not say whether the catalytic oxidizer is operating properly, but at least everything appears to be hooked up correctly.

Condition 1.15 sets stack dimensions as a maximum diameter of 6 inches and a minimum height of 27 feet. Judging by eye, I noted its apparent dimensions as 6 inches diameter and "about 25 feet" high; therefore it is likely that it meets the permit condition. It was unobstructed vertically upward. The engine was operating at the time of the inspection. I could see heat shimmer in the exhaust but there was no actual opacity.

The engine was a Caterpillar natural gas fired compressor engine with a catalytic oxidizer. It was marked with the number 942 in metal characters welded to the engine mount. It was running at 965 RPM at the time of my inspection, according to its digital readout.

I did not find a glycol dehydrator on site.

I saw the following tanks on site:

Two 300 gallon drum on stilt style tanks inside the compressor shed, one labeled as Chevron HDAX Low Ash gas engine oil, one as Chevron Regal ISO 100 lubricating oil.

Outside, one 400 barrel size oilfield tank, unlabeled but typical in appearance for a brine tank, and one smaller tank about half the height and half the diameter. Both were inside a lined berm.

Maintenance looked good. I didn't see any stained soils or other evidence of leaks or spills.

NAME William J Rogers L.

DATE 5/3/2017

SUPERVISOR SN