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

P003830889

FACILITY: CHEVRON MICHIGAN, LLC - FOSTERS LAGER CPF		**SRN / ID:** P0038
LOCATION: NE NW SW Sect 22 T31N-R4E, HILLMAN		**DISTRICT:** Gaylord
CITY: HILLMAN		**COUNTY:** MONTMORENCY
CONTACT:		**ACTIVITY DATE:** 08/28/2015
STAFF: Bill Rogers	**COMPLIANCE STATUS:** Compliance	**SOURCE CLASS:** MINOR
SUBJECT: Scheduled inspection, minor source		
RESOLVED COMPLAINTS:		

On August 28, 2015, I inspected the Chevron Fosters Lager CPF, located in NE NW SW Section 22, T31N-R04E, Hillman Township, near Hillman. This is a minor source. The facility was once covered under Permit to Install 17-10. Chevron contends that the facility is a minor source and all equipment on site is exempt from state permitting requirements, consequently they asked AQD to void the permit. AQD voided the permit on 12/5/2013.

The facility includes one natural gas fired compressor engine. It is much smaller than the compressor shed's size would lead one to expect. The compressor shed was set up to contain the radiator of a much larger engine. The stack appears to be as was specified in PI 17-10. I estimated height as something around 40 feet, judging by eye, and 12 inch diameter; PI 17-10 called for maximum 12 inch diameter and minimum 44 feet height. It appeared that a much smaller engine had been fitted into a CPF which had started out with a large one. Logically this might have been done about the time Chevron asked us to void the permit.

The engine had no catalytic oxidizer. It was running at the time of my inspection. Engine readouts reported 1387 RPM, engine oil pressure 70 psi, compressor oil pressure 58 psi. I looked for unit numbers on this engine but didn't find any. Stack was about 12 inches in diameter and approximately 40 feet high; the original permit called for 44 feet tall, it could be that tall. There was no opacity from this stack.

The facility includes a glycol dehydrator. The dehydrator has a Wenco flame arrested burner rated at 125,000 (BTU per hour, presumably). The dehy still vent was about 20 feet above ground level, two inches diameter with a T pipe fitting as a cap. The burner stack was about 8 inches diameter by 20 feet tall, unobstructed vertically upward. I noticed minor glycol odors near the dehy and wisps of "steam" from the still vent. There was no opacity from the burner stack.

The facility includes one 400 barrel-sized tank, unlabeled but probably a brine tank. It is inside a lined berm. It appears to be a newer tank with an epoxy or similar coating.

There was a 300 gallon drum on stilts style tank labeled triethylene glycol near the dehy, outside the compressor building. Near the end of the compressor building, under shelter in the area where the radiator of a larger engine would have been, was a 300 gallon drum on stilts tank labeled methyl alcohol.

Maintenance looked good. I didn't see any stained soils which might have indicated leaks or spills.

NAME William J Rogers I DATE 8/31/15 SUPERVISOR