

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

N612245723

FACILITY: BREITBURN OPERATING LP- CHARLTON 8		SRN / ID: N6122
LOCATION: NW SE SEC 8 T29N R1W, CHARLTON TWP		DISTRICT: Gaylord
CITY: CHARLTON TWP		COUNTY: OTSEGO
CONTACT: Carolann Knapp , Environmental Specialist		ACTIVITY DATE: 08/21/2018
STAFF: Becky Radulski	COMPLIANCE STATUS: Compliance	SOURCE CLASS: MINOR
SUBJECT: scheduled site inspection		
RESOLVED COMPLAINTS:		

AQD Staff traveled to N6122 Breitburn Charlton 8 Central Production Facility (CPF) located in Charlton Township, Otsego County, for a scheduled inspection to determine compliance with PTI 680-96C. This is a minor source permit.

The Charlton 8 CPF is a natural gas production facility, extracting gas from the Antrim formation. Natural gas and brine fluids are extracted from wells drilled into producing reservoirs then transmitted through flow lines to a CPF. The gas is compressed by one engine, and water is removed by a glycol dehydrator.

LOCATION

The facility is located south of Johannesburg off Old State Road. The access drive is 0.5 miles west of Douglas Lake Road, on the north side of the road. The facility is 0.5 miles north of Old State Road. A map has been placed in the permit file.

REGULATORY DISCUSSION

PTI 680-96 was issued 11/13/96, voided 10/20/2005.

PTI 680-96A was issued 10/20/2005, voided 5/26/2011.

PTI 680-96B was issued 5/26/2011, voided 7/11/2012.

PTI 680-96C was issued 7/11/2012, and is currently active. The permit was modified to increase the stack diameter for the compressor from 8 to 12 inches, in an attempt to reduce noise from the facility. No other changes or installations were made.

The engine is subject to 40 CFR Part 63, Subpart ZZZZ, which has not been delegated to MDEQ from EPA.

The glycol dehydrator is subject to 40 CFR Part 63, Subpart HH, which has not been delegated to MDEQ from EPA.

INSPECTION NOTES

The source consists of one large building containing one engine and a glycol dehydrator. A tank storage area is located north of the facility. The doors were open during the inspection, the engine was loud. A large wall made of plywood wall is located on the east side of the building, between the engine exhaust stack and the neighborhood to the east, in an attempt to reduce noise. The gate into the facility was open.

The operator, Joe Cherwinski, arrived onsite during the inspection. Joe indicated that there have not been noise complaints in several years.

The engine, a Caterpillar 3516, was operating during the inspection. The engine was operating at 1185 RPM with 50 psi engine oil. No visible emissions or odors were detected. The exhaust stack had a silencer and muffler. Based on visual observations, the stack met the height and diameter requirements of the permit (12 inch maximum diameter, 27 feet minimum height). Several drums and small tanks containing oil and used oil are located inside the building.

The dehy system is at the north end of the building. No odors or visible emissions were noted. There are two 100-gallon tanks located outside the dehy wall, covered and in containment, containing methyl alcohol and triethylene glycol.

A bermed and lined tank storage area is located north of the engine building. There was one tank, 400 bbl, that was unlabeled.

COMPLIANCE DETERMINATION

Based on the scheduled inspection, the N6122 Breitburn Charlton 8 CPF was in compliance with the requirements of permit 680-96C. Records were reviewed separately.

NAME Becky Radulski

DATE 8/22/18

SUPERVISOR SN