

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

N612145672

FACILITY: BREITBURN OPERATING LP- CHARLTON EAST		SRN / ID: N6121
LOCATION: NE NW NE SEC 3 T29N R1W, CHARLTON TWP		DISTRICT: Gaylord
CITY: CHARLTON TWP		COUNTY: OTSEGO
CONTACT: Carolann Knapp , Environmental Specialist		ACTIVITY DATE: 06/28/2018
STAFF: Becky Radulski	COMPLIANCE STATUS: Compliance	SOURCE CLASS: SM OPT OUT
SUBJECT: scheduled inspection		
RESOLVED COMPLAINTS:		

AQD Staff traveled to N6121 Breitburn Operating Charlton East Central Production Facility (CPF) located in Charlton Township, Otsego County, for a scheduled inspection to determine compliance with PTI 679-96. This is an opt out permit.

The Charlton East 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

This facility had incorrect latitude and longitude coordinates in MAERS. InfoMAERS was contacted and provided the correct coordinates.

The facility is located southeast of Johannesburg. From Johannesburg, go east on M-32 to Dagon Road, turn south. Travel 2 miles; the road will turn 90 degrees to the east. Immediately on that curve will be the dirt access road traveling to the west to the CPF. The facility is approximately ¾ miles from Dagon Road. A map is attached.

REGULATORY DISCUSSION

PTI 679-96 was issued 11/13/96 for two compressor engines.

The engines are subject to 40 CFR Part 63, Subpart ZZZZ, which has been delegated to EGLE from EPA. However, the AQD is not completing compliance determinations for Subpart ZZZZ for area sources at this time.

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

INSPECTION NOTES

The source consists of one large building containing two engines, a tank farm with one tank and a glycol dehydrator. The doors to the compressor building were open.

One engine was operating during the inspection. No visible emissions or odors were detected. Several drums and small tanks containing oil and used oil are located inside the building.

The north engine, a Caterpillar 399TA, identified as Unit 803 was operating at 1087 RPM, 60 psi engine oil pressure. The engine has a catalytic convertor. The inlet temperature to the catalytic convertor was 963 degrees Fahrenheit, while the outlet was 1008 degrees Fahrenheit. These temperatures are within the range established in the Malfunction Abatement Plan.

The east engine, a Caterpillar 399, was not operating. The clipboard associated with this engine was last dated July 2005. The engine was noted as not operating during inspections in 2006, 2010 and 2014.

A bermed, lined tank farm is located to the south of the building. One tank was inside the containment berm - a 400 barrel tank which was not labeled.

The glycol dehydrator unit was emitting steam, light odor detected.

COMPLIANCE DETERMINATION

Based on the scheduled inspection, N6121 Breitburn Charlton East CPF appears to be in compliance with PTI 679-96. Records were reviewed separately.

NAME Becky Radulski

DATE 7-6-23

SUPERVISOR Shane Nixon