

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

N609443999

FACILITY: WARD LAKE ENERGY, CHESTER 23 CPF		SRN / ID: N6094
LOCATION: SE SW NE T31N R3W SEC 23, CHESTER TWP		DISTRICT: Cadillac
CITY: CHESTER TWP		COUNTY: OTSEGO
CONTACT:		ACTIVITY DATE: 03/21/2018
STAFF: Chance Collins	COMPLIANCE STATUS: Compliance	SOURCE CLASS: SM OPT OUT
SUBJECT: Scheduled Inspection		
RESOLVED COMPLAINTS:		

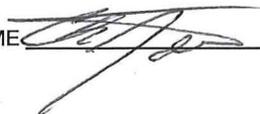
AQD staff traveled to Otsego County to perform an inspection of the Ward Lake Chester 23 CPF facility. The purpose of the inspection was to determine the facility's compliance with Permit to Install No. 112-97A and applicable state and federal air pollution control regulations. The facility consisted of a compressor engine, small glycol dehydrator, and a slop tank.

AQD staff arrived on site to sunny conditions with a temperature of 23°F, with a NE wind at 10 mph. There were no noticeable odors on arrival to the facility.

The glycol dehydrator was located outside of the engine shed. There were minimal odors associated with glycol dehydrators at time of inspection.

The engine was operating when AQD entered the engine shed. The Caterpillar Model 3408 was equipped with an Air to Fuel Ratio Controller. AQD staff noted the skid number as NGCS 69. The engine RPM was 1150 with the oil pressure of 46 psi and engine oil temperature of 180°F. The compressor oil pressure and temperature were at 56 psi and 160°F respectively.

Inside the engine shed there were two 300-gal oil drums which contained multi-purpose R&O oil and EXD SAE 40 oil. Both oil drums were over a berm with no sign of sheen inside.

NAME  DATE 4/09/2018 SUPERVISOR 