

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

N622147302

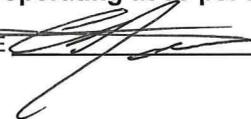
FACILITY: WARD LAKE ENERGY, CHARLTON 18 - CPF		SRN / ID: N6221
LOCATION: NW NW SEC 18, CHARLTON TWP		DISTRICT: Cadillac
CITY: CHARLTON TWP		COUNTY: OTSEGO
CONTACT:		ACTIVITY DATE: 12/11/2018
STAFF: Chance Collins	COMPLIANCE STATUS: Compliance	SOURCE CLASS: SM OPT OUT
SUBJECT: Scheduled Inspection for FCE		
RESOLVED COMPLAINTS:		

On December 11, 2018 AQD staff traveled to Otsego County to perform an inspection of the Ward Lake Energy Charlton 18 CPF. The purpose of the inspection was to determine the facility's compliance with Permit to Install No. 51-97B and applicable state and federal air pollution control regulations. AQD staff noted that the facility permit consists of a glycol dehydration system and a compressor engine.

AQD staff arrived on site at 12:33 p.m. to overcast conditions with a temperature of 26°F with a W wind of 6 mph. There were noticeable/no noticeable odors upon arrival.

The facility consisted of an engine shed, a glycol dehydrator, an iron sponge, and a tank farm. The tank farm included one large 400-bbl tank and one smaller tank in a berm. The 400-bbl tank was labeled Brine and the smaller tank was labeled Slop. The glycol dehydrator is located outside just south of the engine shed. The glycol dehydrator was operating at the time of inspection and had slight odors typically associated with glycol dehydration units.

Upon entering the engine shed, AQD staff noted that the compressor engine was running. The skid that the compressor engine was located on was labeled as NCGS 369. The engine was operating at 1606 RPM with engine oil pressure and temperature at 70 psi and 215°F respectively. The engine compressor was operating at 55 psi with a temperature of 268°F.

NAME  DATE 12/17/2018 SUPERVISOR 