

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

N609947374

FACILITY: Ward Lake Energy - Livingston 34		SRN / ID: N6099
LOCATION: 685 E. M-32, LIVINGSTON TWP		DISTRICT: Cadillac
CITY: LIVINGSTON TWP		COUNTY: OTSEGO
CONTACT:		ACTIVITY DATE: 12/18/2018
STAFF: Chance Collins	COMPLIANCE STATUS: Compliance	SOURCE CLASS: SM OPT OUT
SUBJECT: Scheduled Inspection for FCE		
RESOLVED COMPLAINTS:		

On December 18, 2018 AQD staff traveled to Otsego County to perform an inspection of the Ward Lake Energy Livingston 34 SPF. The purpose of the inspection was to determine the facility's compliance with Permit to Install No. 225-04B 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 11:45 a.m. to overcast conditions with a temperature of 24°F with a S wind of 5 mph. There were noticeable/no noticeable odors upon arrival.

The facility consisted of an engine shed, a glycol dehydrator, and a tank battery. The tank battery included 1 400-bbl tank labeled Brine and 1 smaller tank labeled Slop. The glycol dehydrator is located just south of the engine shed and was operating at the time of the inspection. There were slight odors present that are 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 GCS 158. The engine was operating at 1140 RPM with engine oil pressure and temperature at 74 psi and 170°F respectively. The engine catalyst temperatures were marked in the daily log at the following temperatures: Cat IN: 871°F, Cat OUT: 865°F. The engine compressor was operating at 59 psi with a temperature of 173°F. Inside the engine shed were various pieces of separating equipment, a lube oil tank, and a waste oil tank. The oil tanks were both of the drum-on-stilt variety over a berm.

NAME

DATE

12/21/2018

SUPERVISOR

SN