

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

N803244394

FACILITY: Ward Lake - Bear Lake 28		SRN / ID: N8032
LOCATION: NE NE NE SEC 28, BEAR LAKE TWP		DISTRICT: Cadillac
CITY: BEAR LAKE TWP		COUNTY: MANISTEE
CONTACT: Jeff Riling , Operations Manager		ACTIVITY DATE: 05/17/2018
STAFF: Chance Collins	COMPLIANCE STATUS: Compliance	SOURCE CLASS: SM OPT OUT
SUBJECT: Scheduled Inspection for FCE		
RESOLVED COMPLAINTS:		

On May 17, 2018 AQD staff traveled to Manistee County to perform an inspection of the Ward Lake Energy Bear Lake 28 CPF. The purpose of the inspection was to determine the facility's compliance with Permit to Install No. 113-08B and applicable state and federal air pollution control regulations. AQD staff noted that the facility permit consists of two compressor engines.

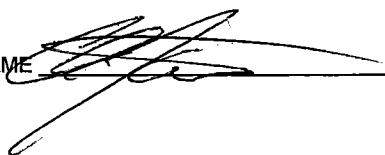
AQD staff arrived on site at 11:00 a.m. to sunny conditions with a temperature of 68°F, and a NE wind at 5 mph. There were no noticeable odors upon arrival.

There are 2 large storage tanks and one smaller storage tank labeled slop located just south of the engine shed. The storage tanks are located inside a berm. The berm had roughly 3 inches of water inside, with no noticeable sheen on the surface. An above ground storage tank with an opening at the bottom was located west of the engine shed. The site also included one small jack pump on the west side of the site and one large jack pump on the north end of the site. Neither jack pump ran during the inspection.

The glycol dehydrator shed is located just north of the engine shed. Inside the shed were two glycol dehydrators. One dehydrator was running and had minimal odors present that are typically associated with glycol dehydrators.

The engine shed contained EUENGINE1, two 300-gallon oil tanks, one 55-gallon oil drum, separating equipment, a glycol dehydrator, and one drum-on-stilt variety Triethylene glycol container. EUENGINE1 (CAT 3516LE) was running during the inspection. The engine block is labeled as NGCS 138. The engine RPM was 1133, temperature and oil pressure were at 130°F and 64 psi respectively. Compressor oil pressure was at 60 psi. The engine was equipped with an Air to Fuel Ration Controller (AFRC). The AFRC was located to the side of the engine block. Readings taken on AFRC were "Oxy 7.25-7.30" the status of the AFRC was on. M.C.F. was read at 78167 from the log sheet.

A door leading outside the engine shed on the east side led to EUENGINE2. The engine was not operating at time of inspection. There were no signs of recent operation as the control panel had been winterized and covered with plastic and taped down. Wear of the tape and covering looks as though it has not run in a long time.

NAME 

DATE 5/17/2018

SUPERVISOR 