

DEPARTMENT OF ENVIRONMENTAL QUALITY
AIR QUALITY DIVISION
ACTIVITY REPORT: Other

N622147435

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: 01/03/2019
STAFF: Chance Collins	COMPLIANCE STATUS: Compliance	SOURCE CLASS: SM OPT OUT
SUBJECT: Review of Records for FCE		
RESOLVED COMPLAINTS:		

On January 3, 2019 AQD staff received copies of records for the Ward Lake Energy Charlton 18 CPF. A printed copy of these records is attached.

The purpose of the records review was to determine the facility's compliance with Permit to Install No. 51-97B and applicable state and federal air pollution control regulations. Facility is subject to 40 CFR Part 63 Subpart ZZZZ which the DEQ is not delegated to enforce. This source is not subject to NSPS Subpart JJJJ due to engine manufacture date prior to compliance date.

The following discusses the review of records supplied by ECT on behalf of Ward Lake Energy.

EUENGINE

EUENGINE NO_x emission limit: 83.8 tons per year (TPY) based on 12-month rolling time period. Actual NO_x emissions: As of October 2018, the 12-month rolling time period NO_x emissions were 5.810 tons. The highest monthly NO_x emissions occurred in November 2017 (0.548 tons).

EUENGINE CO emission limit: 6.2 TPY based on 12-month rolling time period. Actual CO emissions: As of October 2018, the 12-month rolling time period CO emissions were 5.346 tons. The highest monthly CO emissions occurred in November 2017 (0.504 tons).

EUENGINE is not equipped with an add-on control device.

The permittee shall maintain a log of all maintenance activities according to the PM/MAP. A maintenance log is being kept and has been reviewed.

EUENGINE natural gas usage has been recorded on a monthly and 12-month rolling time period.

FGFACILITY

FGFACILITY NO_x emission limit: 84 TPY based on 12-month rolling time period. Actual NO_x emissions: As of October 2018, the 12-month rolling time period NO_x emissions were 22,716.4 tons. The highest monthly NO_x emissions occurred in November 2017 (2,130.4 tons).

FGFACILITY CO emission limit: 39 TPY based on 12-month rolling time period. Actual CO emissions: As of October 2018, the 12-month rolling time period CO emissions were 5.853 tons. The highest monthly CO emissions occurred in November 2017 (0.552 tons).

FGFACILITY natural gas usage has been recorded on a monthly and 12-month rolling time period.

FGFACILITY uses only sweet natural gas. No sour gas is burned at the facility.

NAME  _____

DATE 1/4/2019

SUPERVISOR  _____