

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

N622128297

FACILITY: WARD LAKE ENERGY, CHARLTON 18 - CPF		SRN / ID: N6221
LOCATION: NW NW SEC 18, CHARLTON TWP		DISTRICT: Gaylord
CITY: CHARLTON TWP		COUNTY: OTSEGO
CONTACT:		ACTIVITY DATE: 01/14/2015
STAFF: Gloria Torello	COMPLIANCE STATUS: Compliance	SOURCE CLASS: MINOR OPT OUT 97
SUBJECT: 2015 Site Inspection.		
RESOLVED COMPLAINTS:		

Directions to site: From Sparr Road, go north on Sawyer Road, at Shell Road turn right, then immediately turn left and travel about ¼ mile into the facility.

During the site visit the engine operated. The engine had intermittent opacity of 5 percent. The glycol dehydrator is outside. The glycol dehydrator had a slight odor. There are two large tanks in a retaining area. There is one iron sponge. The engine does not have a catalytic converter. The site was snow covered, and tidy.

AQD requested records on 1/6/15. On 1/7/15 AQD received records showing the NOx 12-month rolling emissions were at a high in January 2014 at 76.172 tons (83.8 tpy permitted), and SO2 12-month rolling emissions were at a high in January 2014 at 5.717 tons (6.2 tpy permitted).

On 1/9/15 AQD received malfunction abatement plan (MAP) maintenance records. The record on 6/16/14 showed maintenance on the "AFR." The existing MAP does not include an AFRC. On 1/29/15 the permittee submitted a revised MAP that includes an AFRC on the engine. The revised MAP will be approved by the AQD.

Application. This is an Antrim gas facility with a "MOGA" permit from the mid-1990s which was revised in 2011. The revised application included: one CAT 3408 compressor engine, one dehydrator burner, and one dehydrator reboiler vent.

Permit 51-97B was issued on December 1, 2011 and include restrictions on the engine. The eval form states the source is a true minor, but emissions from exempt equipment could increase emissions over significance levels for Title V. Permit 51-97B also includes a condition that allows replacing the engine with an equivalent engine. The permit was issued as an opt out.

MAERS. SRN N6221 is not on AQD Gaylord's Opt out list, and MAERS was not requested because this facility was identified as a true minor source on the application. Torello will communicate with Janis Ransom DS AQD to put the SRN on the opt out list.

MACES. EPA Class was minor and this was changed to synthetic minor.

MACES. Regulatory Info includes: Regulatory Summary: HAPs minor, and Subject To 40 CFR Part 63 Subpart ZZZZ. Torello updated Regulatory Summary to include NOx synthetic minor, and Subject To 40 CFR Part 63 Subparts HH. This is an area source (minor for HAPs). The EPA has not delegated Subparts ZZZZ and HH to MI AQD and the Subparts were not reviewed.

Brochure: The inspection brochure will be forwarded to the permittee with the site inspection notes via email.

Conclusion. The facility is in compliance with the permit and required MAP conditions.



NAME Gloria Terello

DATE 2-3-15

SUPERVISOR 

