

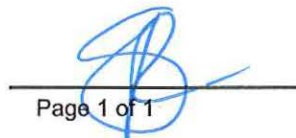
DEPARTMENT OF ENVIRONMENTAL QUALITY  
AIR QUALITY DIVISION

**FCE Summary Report**

Facility : Paxton Resources, J.A. Bott	SRN : N6907
Location : NW NW NE Sec 13 T29N R03W	District : Gaylord
	County : OTSEGO
City : GAYLORD      State: MI      Zip Code : 49735	Compliance Status : Compliance
Source Class : SM OPT OUT	Staff : Gloria Torello
FCE Begin Date : 1/13/2015	FCE Completion Date : 1/13/2016
Comments : 2016 FCE.	

**List of Partial Compliance Evaluations :**

Activity Date	Activity Type	Compliance Status	Comments
12/15/2015	Scheduled Inspection	Compliance	2016 FCE.
02/13/2015	MAERS		2014 MAERS, Check MAERS for any review comments

Name: *Gloria Torello*      Date: 1-13-16      Supervisor: 

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

N690732706

FACILITY: Paxton Resources, J.A. Bott		SRN / ID: N6907
LOCATION: NW NW NE Sec 13 T29N R03W, GAYLORD		DISTRICT: Gaylord
CITY: GAYLORD		COUNTY: OTSEGO
CONTACT:		ACTIVITY DATE: 12/15/2015
STAFF: Gloria Torello	COMPLIANCE STATUS: Compliance	SOURCE CLASS: SM OPT OUT
SUBJECT: 2016 FCE.		
RESOLVED COMPLAINTS:		

**SRN: N6907 Name: Paxton**

**Directions:** The facility is located in Otsego County, Otsego Lake Township. The facility is located on the south side of Old State Road between Lower Chub Lake Road and Viking Club Road.

**Application:** This is an Antrim gas facility. The application included: compressor engine, dehydrator, and glycol reboiler-glycol. The compressor engine’s uncontrolled PTE NOx is 48 tpy, making the source a true minor. Currently the facility is on the AQD’s Opt-out list; this will be updated to move the facility to the AQD’s minor list.

**Permit.** On December 20, 2000 the AQD issued permit to install number 355-00. The permit does not include a requirement for a malfunction abatement plan (MAP). Because the engine does not have control, a MAP will not be requested.

**Records:** The permittee supplied the August 2015 tpy 12-month rolling NOx emission record showing 4.5 tons of NOx emitted. The permit limit is 11 lb/hr, (or 11 lb/hr x 24 hr/day x 365 day/yr x 1ton/2000 lb = 48.2 tpy).

**MACTS:** This is an area source, minor for HAPs. The application describes the facility as a true minor for HAPs (below 10/25 tpy for individual/total HAPs) making the facility an area source for this MACT:

- 40 CFR, Part 63, Subpart ZZZZ, National Emission Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines for Area Sources.

The EPA has not delegated this Subpart to MI AQD and the Subpart was not reviewed.

**MACES:**

- Facility Information was reviewed, and in Description was added: Antrim gas production.
- Regulatory Info was reviewed. The following changes were made:
  - Regulatory Summary: TV PTE will be updated from NOx Synthetic Minor to NOx Minor.
  - MACT: added Subpart ZZZZ.

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

**Compliance:** A review of AQD files and MACES report generator show no outstanding violation.

**Inspection:** On December 12, 2015 Gloria Torello and Becky Radulski of AQD were at the facility for a site inspection. Chris Hansen and Ron of Paxton were on site. The engine was operating. The engine does not have a catalytic converter. The engine skid had an identifying mark of: GLS 879. No visible emissions were observed from the engine stack. Based on a visual assessment, the stack vent met the restrictions of a maximum of 9 inches in diameter and a minimum of 25 feet above ground level. The engine clip board had a December 2015 record including: Oil Pressure, Manifold Pressure, Battery Voltage, Engine Oil Pressure and Temperature. Ear plugs are necessary. Also on site are a dehydrator and separator. Four tanks are on site. The site is very tidy.

**Permit Conditions:**

1. The permittee supplied the August 2015 tpy 12-month rolling NOx emission record showing 4.5 tons of NOx emitted. The permit limit is 11 lb/hr, (or  $11 \text{ lb/hr} \times 24 \text{ hr/day} \times 365 \text{ day/yr} \times 1 \text{ ton}/2000 \text{ lb} = 48.2 \text{ tpy}$ ).
2. The permittee supplied a record of volume of natural gas burned. The permit does not limit the use of natural gas.
3. The permittee supplied a record showing monthly and 12-month rolling NOx emissions. NOx emissions are below the permitted limit.
4. Based on a visual assessment, the stack vent met the restrictions of a maximum of 9 inches in diameter and a minimum of 25 feet above ground level.

**Conclusions:**

Torello will follow-up on:

- MACES Regulatory Info was reviewed. The following changes will be made:
  - Regulatory Summary: TV PTE will be updated from NOx Synthetic Minor to NOx Minor
- Currently the facility is on the AQD's Opt-out list; this will be updated to move N6907 to the AQD's minor list.

Via onsite inspection and review of records, the permittee demonstrates compliance with the conditions of permit 355-00.

NAME

Gloria Torello

DATE

1-13-16

SUPERVISOR

[Signature]