

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

N611629193

FACILITY: JORDAN DEVELOPMENT COMPANY, L.L.C. - PIGEON RIVER		SRN / ID: N6116
LOCATION: NW NE SEC 22 T31N R1W, CHARLTON TWP		DISTRICT: Cadillac
CITY: CHARLTON TWP		COUNTY: OTSEGO
CONTACT:		ACTIVITY DATE: 04/16/2015
STAFF: Kurt Childs	COMPLIANCE STATUS: Compliance	SOURCE CLASS: SM OPT OUT
SUBJECT: 2015 FCE including site inspection and records review.		
RESOLVED COMPLAINTS:		

2015 Full Compliance Evaluation

I conducted a Full Compliance Evaluation including site inspection and records review of the Jordan Development Company, Sawdust Pigeon River CPF. The Sawdust Pigeon River CPF is an opt-out facility with PTI 674-96A. The sky was mostly cloudy, air temperature 55 degrees and calm winds. There were no visible emissions or odors from any of the facility stacks/vents.

The facility consists of the following equipment:

- One 16,000 gallon storage tank.
- There was one dehydrator which was operating at the time of the inspection, no odors were noted. This dehy was equipped with a flash tank. The daily records indicate that total facility gas production is well below 85,000 cubic meters/day (3,000 mmbtu/day) therefore the dehy is exempt from subpart HH.


• The compressor building houses one compressor/engine. PTI application 674-96A indicates there is one CAT G398 TA engine equipped with a catalytic converter. At the time of the inspection there was a Caterpillar V-12 compressor engine meeting this description running the compressor. The engine was equipped with a catalytic converter. Engine RPM were 800 and oil pressure was 33 psi. The catalyst inlet temperature was 801 degrees F and the outlet temperature was 813 degrees F. The engine was also equipped with AFRC. The AFRC readings were as follows:

	O2 sensor reading	Stepper motor setting
Left Bank	779	1442
Right Bank	754	1461

A Malfunction abatement plan was approved on 2/29/08. The 2014 MAERS report was reviewed and was determined to be acceptable. Prior to the inspection I requested that the company provide the following records:

- Monthly NOx, CO, and VOC emissions calculations.
- Monthly fuel use.
- Maintenance logs.
- Monthly and 12 month rolling time period records of the hours the compressor engine was operated without the control device.

The records were provided on 11/05/2014, NOx and CO emissions were within the permit limits of 14.1tpy and 11.6 tpy respectively. The engine was not operated without the catalyst during the past year. The results of the inspection and records review indicate the facility is currently in compliance with PTI 674-96A.

NAME  DATE 4-19-15 SUPERVISOR 