

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

P009039951

FACILITY: Linn Operating, LLC - Unit 6647		SRN / ID: P0090
LOCATION: SE ¼ Section 18, T29N, R4E, Rust Township, HILLMAN		DISTRICT: Gaylord
CITY: HILLMAN		COUNTY: MONTMORENCY
CONTACT: Diane Lundin , Senior EHS Representative		ACTIVITY DATE: 05/19/2017
STAFF: Bill Rogers	COMPLIANCE STATUS: Compliance	SOURCE CLASS: SM OPT OUT
SUBJECT: Inspection and record review for FCE		
RESOLVED COMPLAINTS:		

On May 19, 2017, I inspected the Unit 6647 Booster, SRN P0090. I did not find any violations of their permit or of State or Federal air quality regulations.

The facility is located beyond a locked gate which had a combination lock on it at the time of my inspection. Fortunately this was not locked when I got there. It would be best to get the combination before trying to inspect this facility. Approach it by going south from the intersection of Beauregard Road and Solomon Road, ultimately along a road called Hunt Club Trail on my map, passing around the south end of a small lake. As far as I could tell the road shown on the map as passing around the north end of that lake does not exist.

This booster engine is covered by PI 69-10.

PI 69-10, Table EUENGINE1, Conditions I.1 and I.2 set emission limits of 65 tons nitrogen oxides (NOx) and 6 tons of carbon monoxide (CO) per 12 month rolling time period. Emissions estimates provided by Linn Operating claim NOx emissions of 42 tons and CO emissions of 2 tons in the 12 months ending March 2017. This complies with the permit conditions.

Condition II.1 prohibits burning sour gas in the engine. I did not see or smell any evidence of sour gas in the area.

Condition III.1 requires a Malfunction Abatement Plan. The company submitted one. AQD approved it on June 1, 2010. This complies with the permit condition.

Conditions III.2 prohibits operating without any add-on control device for more than 200 hours per year. This engine does not have an add on control device so this condition is not applicable.

Condition IV.1 requires proper operation of any add on control device. This engine does not have one, so this condition is not applicable.

Condition VI.2 requires monitoring natural gas usage. I did not find anything I could identify as a natural gas flow monitor on site, but the information on fuel use is on the attached emission calculation sheet. This indicates the facility is probably in compliance with this permit condition.

Condition VI.3 requires a maintenance logs. Representative sheets of the maintenance log are attached. This complies with the permit condition.

Condition VI.4 requires logging hours of operation without any add on control device which may be installed. This engine does not have one, so this condition is not applicable.

Condition VI.5 requires recording fuel use for EUENGINE1. Fuel use is included on the emissions sheet, attached. This complies with the permit condition.

Condition VI.5 requires monthly and 12 month NOx emission calculations. Condition VI.6 requires monthly and 12 month CO emission calculations. This information is included on the attached emission sheet. This complies with the permit conditions.

Condition IX.1 sets dimensions of the engine exhaust stack as a maximum 6 inches diameter and a minimum of 30 feet above ground level. During my inspection, judging by eye and (as best I could) by the

length of the stack's shadow compared to the length of my own, it appeared the stack met these requirements.

NAME William J Rogers 2

DATE 5/29/17

SUPERVISOR SN