

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

N272650118

FACILITY: Sebewaing Light and Water Dept.		SRN / ID: N2726
LOCATION: 350 Pine Street, SEBEWAING		DISTRICT: Saginaw Bay
CITY: SEBEWAING		COUNTY: HURON
CONTACT: Charlene Hudson , Superintendent		ACTIVITY DATE: 08/14/2019
STAFF: Matthew Karl	COMPLIANCE STATUS: Compliance	SOURCE CLASS: SM OPT OUT
SUBJECT: Scheduled inspection to determine compliance with PTI No. 146-17.		
RESOLVED COMPLAINTS:		

On Wednesday (8/14/19) I (Matt Karl) conducted a site visit at the Sebewaing Light & Water facility located at 350 Pine Street, Sebewaing, Michigan. The purpose of this site visit was to observe progress on the construction project to install two (2) new engine sets at an electrical power generation facility. The project is permitted under Permit to Install (PTI) No. 146-17.

Facility Description

Sebewaing Light & Water is in the process of constructing an electrical power generating facility at the Pine Street location. The engines are two natural gas-fired lean-burn four-cycle spark-ignited engines, one with maximum engine rating of 4,601 HP with 3.3 MW generation capacity and one with maximum engine rating of 6,023 HP with 4.4 MW generation capacity. Both units have a heat recovery system equipped. Both units have oxidation catalysts to control CO and VOC emissions.

Site Inspection

I spoke with Ryan of Clarke Energy who stated that the new engines will probably be ready to start trial testing by the end of September. I recorded information from the boiler plates on each of the engines in the table below.

Unit No.	Make	Model	Serial No.	HP	KW	RPM	Fuel
1	GE Jenbacher	JMS-620 GS-J02	1353294	4,601	3,334	-	Natural Gas
2	GE Jenbacher	JMS-624 GS-H02	1353319	6,023	4,376	-	Natural Gas

Summary

At the time of my inspection it appeared that Sebewaing Light & Water was in compliance with PTI No. 146-17.

NAME Matthew R. Karl DATE 8/29/19 SUPERVISOR C. Gase