

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

P000828420

FACILITY: Newberry Water & Light Board		SRN / ID: P0008
LOCATION: 307 E. McMillan Avenue, NEWBERRY		DISTRICT: Upper Peninsula
CITY: NEWBERRY		COUNTY: LUCE
CONTACT: Eric Buckler, Superintendent		ACTIVITY DATE: 01/28/2015
STAFF: Ed Lancaster	COMPLIANCE STATUS: Compliance	SOURCE CLASS: SM OPT OUT
SUBJECT: Conducted scheduled, unannounced inspection of the city's three generator units.		
RESOLVED COMPLAINTS:		

I arrived at the facility and met with Mr. Eric Buckler, Newberry Water and Light Board Superintendent. The facility has three diesel fuel-fired engine generators covered under General Permit to Install No. 272-09.

At the time of my inspection all three units were down. Mr. Buckler explained the Fairbanks Unit (Unit #1) went down approximately three years ago. Units #3 and 4 have been mothballed for years. Unit #4 was the secondary unit for when Unit #1 went down. Unit #1 had been rebuilt and shortly after coming back on-line a major mechanical failure occurred. During my inspection the unit was being worked on and Mr. Buckler hoped to have it operational again by spring. The Village keeps a maintenance log for all work done on the generator units (Special Condition (SC) Nos. 1.5 and 1.9)

To date the AQD has not requested the Village to conduct stack tests to determine the units NOx emission rates as outline in SC Nos. 1.1 and 1.7.

All three units are set up to burn only diesel fuel (SC No. 1.2) and records indicate the fuel has a low sulfur content (SC Nos. 1.3 and 1.10). The units only generate electricity under three conditions: 1) Loose Power (emergency generation); 2) Demand of Generation (when MISO calls for the units to be operated); and 3) Peak Shaving. Therefore the units, when operational, are rarely called on to produce power. Because of this the fuel usage is not being exceeded on a 12-month rolling time period (SC No. 1.4), as determined by the records DPW employees keep from observing and recording the fuel tank monitor located in their office (SC Nos. 1.8 and 1.11). Recently the facility discovered the diesel fuel oil tank had been contaminated with water and they are going to have to pump the remaining fuel oil out and clean the tank.

As of this time the Village remains in compliance with their permit conditions.

NAME Ed Lancaster

DATE 4/3/15

SUPERVISOR _____