

DEPARTMENT OF ENVIRONMENTAL QUALITY
AIR QUALITY DIVISION
ACTIVITY REPORT: Self Initiated Inspection

N554531742

FACILITY: CROSWELL LIGHT AND POWER DEPT		SRN / ID: N5545
LOCATION: 120 E SANBORN AVE, CROSWELL		DISTRICT: Saginaw Bay
CITY: CROSWELL		COUNTY: SANILAC
CONTACT: Peck John , Lead Linesman		ACTIVITY DATE: 10/14/2015
STAFF: Sydney Bruestle	COMPLIANCE STATUS: Compliance	SOURCE CLASS: SM OPT OUT
SUBJECT:		
RESOLVED COMPLAINTS:		

I (slb) performed an unannounced inspection at Croswell Light and Power Department on October 14, 2015. The City of Croswell Power and Light Department has one active air permit with AQD, PTI 438-94 is for 5-Faribanks Morse engines. PTI 438-94 is a Title V Opt-Out permit to limit criteria pollutant emissions.

Facility Description

The City of Croswell Power and Light Department (facility) operates five compression ignition opposing piston engines. Currently the City uses the engines for emergencies and is not in a contractual agreement to provide energy. Engines 1 and 3 are diesel fueled and engines 2, 4, and 5 have dual fuel capability, however the natural gas lines are not connected.

Compliance Determination

The facility is permitted under 438-94, which is a synthetic minor source with limits on NOx, CO, and fuel usage. I met with John Peck, lead linesman, and Ted McLachlan to view the required records for the facility. The Facility has not operated the engines since the last inspection in 2013. Emissions for NOx and CO are well below the permitted limits in 2013. Special condition 15 in the permit is for a fuel usage threshold of 191.145 gallons of diesel fuel per year. As shown in the table below, the engines used 451.7 gallons of diesel for the year 2013. (see attached fuel and hour log records for 2013).

I toured the engine room with Ted McLachlan, who operates and repairs the engines when needed. The shop was very clean and orderly. Mr. McLachlan was very knowledgeable about the operation and maintenance of the engines.

At the time of my inspection the City of Croswell Light & Power Department was in compliance with the Air Quality regulations and the active synthetic minor permit it holds.

NAME Sydney Bruestle DATE 10/14/2015 SUPERVISOR C. Hare