

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

M073233303

FACILITY: COMMUNITY HEALTH CENTER		SRN / ID: M0732
LOCATION: 274 EAST CHICAGO RD, COLDWATER		DISTRICT: Kalamazoo
CITY: COLDWATER		COUNTY: BRANCH
CONTACT: Bill Earl , Director of Facility Operations		ACTIVITY DATE: 02/09/2016
STAFF: Dale Turton	COMPLIANCE STATUS: Compliance	SOURCE CLASS: MINOR
SUBJECT:		
RESOLVED COMPLAINTS:		

Staff conducted an unannounced inspection at the Community Health Center facility to determine compliance with Air Pollution Control Rules. The facility is a hospital and medical care operation. Staff met with Bill Earl, Director of Facility Operations. During the inspection, Staff observed the following equipment.

Boilers

The facility has two identical Superior boilers that were installed in 1969. These boilers fire on natural gas and can use fuel oil as a backup. The Btu rating for each of the boilers is 6900 pounds of steam per hour (roughly equivalent to 8 Million Btu/hr). Only one of the boilers was operating during the inspection. They usually only operate one of the two boilers at a given time, except for a short overlap period during a switchover. Currently, the schedule for switching over the boilers is every six months. The boilers have not run on oil for several years except for a brief test burn about 5 years ago.

A company called Fuel Tank Services periodically comes in to recertify the fuel oil and remove any sediment from the fuel oil storage tank. They pump the oil into a tanker and run it through filtration and recondition it by adding additives.

The boilers appear to be exempt from the requirements in the boiler MACT regulation (40 CFR 63 Subpart JJJJJ) except for maintaining records to demonstrate the exemption, including records of the boiler's fuel design and fuel usage. The boilers are considered "gas fired" since the oil is only expected to be fired during times of a gas curtailment or other interruption.

Emergency Generator

A Cummins built, Model KTA19 diesel-fired generator was installed in 2003. The generator produces 500 KVA (kilovolts amps) per hour and the engine is rated over 500 Hp. It is located outside on the northeast side of the main building. This is only started up during electrical outages or for required testing purposes.

The generator is not to be subject to 40 CFR Parts 60, Subpart IIII, Standard of Performance for New Stationary Compression Ignition Internal Combustion Engines since it was manufactured prior to April 1, 2006.

This unit is subject to 40 CFR Parts 63, Subpart ZZZZ, National Emission Standards for Reciprocating Internal Combustion Engines, otherwise known as the RICE MACT. The facility is an area source for hazardous air pollutants (HAPs). The requirements are to keep records of the maintenance, have an hours meter, change the oil and filter every 500 hours or annually, inspect the hoses every 500 hours or annually, and inspect the air cleaner every 500 hours or annually. All of this is being done. Cummins-Bridgeway performed the maintenance in October of 2015. The hour meter showed 199 hours for the life of the unit, which means they have never operated up to 500 hours.

Other

There are no ethylene oxide sterilizers (ETO) at the facility.

NAME Dale TurtonDATE 2/10/2016SUPERVISOR MA 2/16/2016