

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

D588447783

FACILITY: Munson Medical Center		SRN / ID: D5884
LOCATION: 1105 Sixth St, TRAVERSE CITY		DISTRICT: Cadillac
CITY: TRAVERSE CITY		COUNTY: GRAND TRAVERSE
CONTACT:		ACTIVITY DATE: 02/05/2019
STAFF: Chance Collins	COMPLIANCE STATUS: Compliance	SOURCE CLASS: MINOR
SUBJECT: Scheduled Inspection		
RESOLVED COMPLAINTS:		

On February 5, 2019, AQD staff traveled to Grand Traverse County to perform an inspection of Munson Medical Center. The purpose of the inspection was to determine the facility's compliance with Permit to Install No. 32-96 and Permit to Install No. 102-72I and applicable state and federal air pollution control regulations. Permit to Install No. 32-96 covers an Ethylene Oxide (EtO) scrubber. Permit to Install No. 102-72I covers an incinerator.

AQD staff arrived on site at 11:55 a.m. to snowy conditions with a temperature of 20°F, and a N wind of 6 mph. There were no noticeable odors upon arrival.

The ethylene oxide scrubber was not operating during the inspection. Control equipment and vacuum pump appear to be installed correctly and is being maintained. The ethylene oxide emission rate is not to exceed 35.6 grams per year based upon a 12-month rolling time period. This is equivalent to two loads per day and a maximum of 365 loads per year. Records provided at time of inspection indicated an average of 10 loads per month. Monthly sterilant usage records are being kept and were reviewed. The stack dimensions and height appeared to meet the requirements of the permit during the inspection.

AQD staff inquired about the incinerator covered under Permit to Install No. 102-72I and was informed that the incinerator had been removed almost 20 years ago. AQD staff will forward this information and request Permit to Install No. 102-72I be voided.

During the inspection AQD staff also viewed 5 boilers in use on the premises. There are three WP200 boilers and two Cleaver Brooks boilers. The following discusses the details of the boilers. All information for boilers located on individual boiler tags.

WP200 Boiler #1: ECIW 1964, Keystone 1964 SN: 96804 20,000 lb/hr (has been De-Rated down to 90 lb/hr). 90 lb/hr converted to 93,600 btu/hr per online conversion calculator.

WP200 Boiler #2: ECIW 1964, Keystone 1964 SN: 96801 20,000 lb/hr (has been De-Rated down to 90 lb/hr). 90 lb/hr converted to 93,600 btu/hr per online conversion calculator.

WP200 Boiler #3: ECIW 1964, Keystone 1970 SN: 98246 20,000 lb/hr (has been De-Rated down to 90 lb/hr). 90 lb/hr converted to 93,600 btu/hr per online conversion calculator.

Cleaver Brooks Boiler #1: Heating Value 1,000 BTU/Ft<sup>3</sup>. 9362 MBH (converted to 9,362,000 btu/hr per online conversion ). Model M418859m. 2007

SN: BT10110. Water Maximum AWP 160 psi, Water Max temp: 250°F, BHS: 729.9 sq. ft., WWHS 128.9 sq. ft.

Cleaver Brooks Boiler #2: Heating Value 1,000 BTU/Ft<sup>3</sup>. 9362 MBH (converted to 9,362,000 btu/hr per online conversion ). Model M418859m. 2007

SN: BT10111. Water Maximum AWP 160 psi, Water Max temp: 250°F, BHS: 729.9 sq. ft., WWHS 128.9 sq. ft.

NAME



DATE

2/15/2019

SUPERVISOR

