

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

M231529980

FACILITY: ROSEDALE MEMORIAL PARK CEMETERY		SRN / ID: M2315
LOCATION: 0-50 LAKE MICHIGAN DR NW, GRAND RAPIDS		DISTRICT: Grand Rapids
CITY: GRAND RAPIDS		COUNTY: OTTAWA
CONTACT: William Burke, President		ACTIVITY DATE: 06/15/2015
STAFF: Kaitlyn DeVries	COMPLIANCE STATUS: Non Compliance	SOURCE CLASS: Minor
SUBJECT: The purpose of this visit was to determine compliance with PTI 67-08 and 61-74I and any other applicable Air Quality Rules and Regulations.		
RESOLVED COMPLAINTS:		

AQD staff April Lazzaro (AL) and Kaitlyn DeVries (KD) arrived at the facility at approximately 9:15 am to conduct an unannounced scheduled inspection. The purpose of this visit was to determine compliance with PTI 67-08 and 61-74I and any other applicable Air Quality Rules and Regulations.

No odors or visible emissions were observed. The DEQ Environmental Inspections: Rights and Responsibilities brochure was presented and briefly discussed with Bill Burke Sr. and later with Bill Burke Jr. AL and KD left the facility at approximately 10:00 am.

Facility Description:

Rosedale Memorial Gardens (Rosedale) is a human remains crematorium. The facility is permitted to cremate only human remains. The facility consists of two incinerators (EUCREMATORY2 and ALLINCINERATOR) both of which are natural gas fired.

Compliance Evaluation:

According to Mr. Burke Sr, Matthews Crematory tends to the maintenance of the two units, which is done on an annual basis, or when further maintenance is needed. Annual maintenance was most recently done in April of 2014 for both units.

The All incinerator is permitted under PTI 61-74I. This unit had some minor reconstruction done in 2007, and some major reconstruction done in 2010. Cumulatively, this was less than the 50% capital cost associated with a new emission unit, thus allowable under Rule 285. Please reference the e-mail located in the file for complete details, the Cost estimates from Matthews Crematory (which did the major repairs), as well as the letter sent to Rosedale in 2007. This unit has a set-point temperature of 1600 ° F. During the inspection, the unit was running at a temperature of approximately 1587 °F. Per the inspection report from Matthews Crematory, the unit appears to be running per the manufacturers specifications. There are no other special requirements for this unit.

The EUCREMATORY2 is permitted under PTI 67-08. Mr. Burke Sr. stated that that they are always well below the Max Charge of 750 lbs., which will keep their emissions well below the limit of 0.2 lbs. /1000 lbs. The unit's temperature is recorded on the recording disc, however, Mr. Burke indicated that since Matthews maintains the unit, and due to the associated cost of the recording discs, the temperature and weights were not being recorded for the unit. Rather they keep track of the weight and other pertinent information using a token. Per the manufacturers most recent inspection report the set point for the combustion chamber is 1750°F and 1675°F for the afterburner. The permit requires a minimum temperature of 1600°F, for which the set points are above. While this could be considered a violation, staff instead explained that keeping these records is a requirement of PTI 67-08. The last available records were dated September, 2014. Mr. Burke agreed to maintain the records, stating they were unaware they needed to do this, and would contact Matthews for more discs to record the data. Staff will conduct a follow up inspection to ensure that records are properly being maintained in a few months to follow. If at that time the records are not complete, a violation notice will be sent.

Compliance Determination:

Based on the information observed during the inspection and the records reviewed, Rosedale is currently in not in compliance with all applicable Air Quality Rules and Regulations as well as the conditions outlined in PTI's 67-08 and 64-74I. However, no violation notice will be sent at this time.

NAME



DATE

7/15/15

SUPERVISOR

PAB