

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

P007547764

FACILITY: Great Lakes Pet Memorial & Crematory LLC		SRN / ID: P0075
LOCATION: 1783 Perrys Loop, 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 and Review of Records		
RESOLVED COMPLAINTS:		

On February 5, 2019, AQD staff traveled to Grand Traverse County to perform an inspection of Great Lakes Pet Memorial & Crematory LLC. The purpose of the inspection was to determine the facility's compliance with Permit to Install No. 51-10 and applicable state and federal air pollution control regulations.

AQD staff arrived on site at 10:20 a.m. to snowy conditions with a temperature of 18°F, and a N wind of 8 mph. There were no noticeable odors or visible emissions upon arrival.

AQD staff met with Ms. Kerri Collier and provided a tour of the facility and answered all questions. The following discusses the findings of the inspection and review of records.

## EUCREMATORY

### I. Emission Limits

Pollutant	Limit	Compliant
PM	0.20 lb/1,000 lbs of gas, corrected to 50% excess air	Yes

### II. Material Limits

Permittee shall not burn any waste in EUCREMATORY other than: Pathological wastes. Records reviewed on site indicated that this condition is being met.

Permittee shall not charge more than 450 pounds per charge in EUCREMATORY. Records reviewed on site indicated that this condition is being met.

Permittee shall not burn any fuel in EUCREMATORY other than natural gas. Ms. Collier informed AQD staff that EUCREMATORY runs only on natural gas.

### III. Process/Operational Restrictions

Permittee shall not combust waste in EUCREMATORY unless a minimum temperature of 1600°F and a minimum retention time of 0.36 seconds in the secondary combustion chamber are maintained. EUCREMATORY was in operation at time of inspection. The temperature readout on the primary and secondary combustion chambers of 1603 and 1600 respectively.

The incinerator shall be installed, maintained, and operated in a satisfactory manner to control emissions from EUCREMATORY. Maintenance records reviewed on site indicated that this condition is being met. The latest maintenance performed on the equipment was a set of new thermocouples in January 2019.

### IV. Design/Equipment Parameters

Permittee shall install, calibrate, maintain and operate in a satisfactory manner a device to monitor and record the temperature in the secondary combustion chamber of EUCREMATORY on a continuous basis. This condition is being met. The permittee uses a circle chart recorder to record the temperature in the primary and secondary combustion chambers.

**V. Testing/Sampling**

NA

**VI. Monitoring/Recordkeeping**

Permittee shall monitor and record the temperature in the secondary combustion chamber of EUCREMATORY on a continuous basis. Records reviewed on site indicated that this condition is being met.

Permittee shall keep daily records of the time (duration of burn), description and weight of waste combusted in EUCREMATORY, as required by SC II.1 and SC II.2. Records reviewed on site indicated that this condition is being met.

Permittee shall keep Secondary combustion chamber temperature records for EUCREMATORY, as required by SC IV.1. Records reviewed on site indicated that this condition is being met.

**VII. Reporting**

NA

**VIII. Stack/Vent Restrictions**

Max exhaust 14" diameter, Min Height above ground 27'. The exhaust dimensions and stack height appeared to meet the requirements of the permit at time of inspection.

**IX. Other Requirements**

NA

NAME



DATE

2/7/2019

SUPERVISOR

