

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

N754855093

FACILITY: DETROIT WILBERT CREMATION SERVICES EAST, LLC		SRN / ID: N7548
LOCATION: 44481 GROESBECK HWY, CLINTON TWP		DISTRICT: Warren
CITY: CLINTON TWP		COUNTY: MACOMB
CONTACT: Christopher Sanda , Manager, Aftercare Specialist		ACTIVITY DATE: 08/26/2020
STAFF: Shamim Ahammod	COMPLIANCE STATUS: Compliance	SOURCE CLASS: MINOR
SUBJECT: Conducted a scheduled inspection to determine the company's compliance with the requirements of (PTI) Nos. 33-14, 151-06, 296-05A.		
RESOLVED COMPLAINTS:		

On August 26, 2020, the Michigan Department of Environment, Great Lakes, and Energy-Air Quality Division (EGLE-AQD) staff, I (Shamim Ahammod) conducted a scheduled inspection of Detroit Wilbert Cremation Services (SRN: N7548) located at 44481 Groesbeck Hwy, Clinton TWP, Michigan. The purpose of the inspection was to determine the company's compliance with the requirements of the federal Clean Air Act; Part 55, Air Pollution Control, of the Natural Resources and Environmental Protection Act, 1994 PA 451, as amended (Act 451); the Air Pollution Control Rules; and the conditions of Permit to Install (PTI) Nos. 33-14, 151-06, 296-05A.

Permit History

Permit to Install (PTI) No. 33-14 was approved on March 18, 2014, for the installation and operation of Matthews cremation division power Pak II ultra-human crematory (EUCREMATORY2)

PTI No. 151-06 for pet cremation (EUPETCREMATORY) was approved on May 18, 2006.

Permit to Install (PTI) No. 296-05A was approved on December 3, 2007, for the installation and operation of Matthews cremation division power Pak II ultra-human crematory (EUCREMATORY)

Inspection Arrangement

Due to the COVID-19 pandemic, I prearranged this announced inspection on August 26, 2020.

Onsite Inspection

On August 25, 2020, at 11.30 AM, I arrived at the facility and was greeted by Mr. Christopher Sanda, Manager of Detroit Wilbert Cremation Services. I introduced myself, provided credentials, and stated the purpose of the inspection. Mr. Sanda and I toured the facility.

Mr. Sanda explained the process of the operation. At the time of inspection, EUCREMATORY2 was operating and the minimum operating temperature was 1664-degree Fahrenheit. EUPETCREMATORY and EUCREMATORY were not operating at the time of my inspection. Emission units were labeled.

Source Description

The facility provides human and pet cremation services.

REGULATORY ANALYSIS

Permit to Install (PTI) No. 33-14 was approved on March 18, 2014, for the installation and operation of Matthews cremation division power Pak II ultra-human crematory (EUCREMATORY2)

The following conditions apply to EUCREMATORY2

DESCRIPTION: Matthews Cremation Division
Power Pak II Plus (IE43-PPII Plus)

Fuel Type: Natural Gas
Maximum Charge: 750 Pounds
Burn Rate: 175 Pounds/Hour
Charge Type: Human Remains

MATERIAL LIMITS

Per SC II.1, the permittee does not burn any waste in EUCREMATORY1 other than pathological wastes, according to Mr. Sanda.

Per SC II.2, I reviewed the cremation log; and it appears the permittee does not charge more than 750 pounds per charge in EU-CREMATORY.

Per SC II.3, the permittee burns only pipeline natural gas in EUCREMATORY2 according to Mr. Sanda.

PROCESS/OPERATIONAL RESTRICTIONS

Per SC III.1, I reviewed the cremation log; and it appears the minimum temperature of 1600°F in the secondary combustion chamber was maintained.

DESIGN/EQUIPMENT PARAMETERS

Per SC IV.1, The 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 EU-CREMATORY2 on a continuous basis. I reviewed the daily continuous temperature records during the inspection.

Per SC IV.2, at the time of inspection, I observed the permittee uses a scale to verify the charge weight.

MONITORING/RECORDKEEPING

Per SC VI.2, The permittee shall monitor and record the temperature in the secondary combustion chamber of EU-CREMATORY2 on a continuous basis. I reviewed the daily continuous temperature records during the inspection.

Per SC VI.3, The permittee shall keep, in a manner satisfactory to the AQD District Supervisor, daily records of the time (duration of burn), description, and weight of waste combusted in EU-CREMATORY1, as required by SC II.2. At the time of my inspection, I reviewed the cremation log that specifies the daily records of the time (duration of burn), description, and weight of waste combusted in EUCREMATORY2.

Per SC VI.6, The permittee shall keep, in a satisfactory manner, a record of all service, maintenance, and equipment inspections for EUCREMATORY2. The record shall include the description, reason, date, and time of the service, maintenance, or inspection. Tune-up inspection of the machine was completed on 06/27/2020 by American Crematory Equipment Co. There were no issues in the machine per the tune-up inspection report. PTI No. 151-06 for pet cremation (EUPETCREMATORY) was approved on May 18, 2006.

The following conditions apply to EUPETCREMATORY**DESCRIPTION:**

B&L Cremation Systems, Inc. Model BLP-500/150

Fuel Type: Natural Gas

Burn Rate: 150 Pounds/Hour

Maximum Charge: 500 Pounds

MATERIAL LIMITS

Per SC 1.2, the permittee does not burn any waste in EUPETCREMATORY other than pathological wastes, according to Mr. Sanda.

Process/Operational Restrictions

Per SC 1.3, I reviewed the cremation log and it appears the minimum temperature of 1600°F in the secondary combustion chamber was maintained in EUPETCREMATORY.

Monitoring

Per SC 1.5, The 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 EUPETCREMATORY on a continuous basis. I reviewed the daily continuous temperature records during the inspection.

Permit to Install (PTI) No. **296-05A** was approved on December 3, 2007, for the installation and operation of Matthews cremation division power Pak II ultra-human crematory (EUCREMATORY)

The following conditions apply to EUCREMATORY

Emission Unit ID	Emission Unit Description
EUCREMATORY	Matthews Cremation Division Power-Pak II Ultra Human Crematory Natural Gas Fired Burn Rate: 150 Pound/Hour Maximum Charge: 500 Pounds

MATERIAL LIMITS

Per SC 1.2, the permittee does not burn any waste in EUCREMATORY other than pathological wastes, according to Mr. Sanda.

Process/Operational Restrictions

Per SC 1.3, I reviewed the cremation log and it appears the minimum temperature of 1400°F in the secondary combustion chamber was maintained in EUCREMATORY.

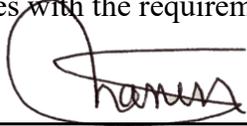
MONITORING/RECORDKEEPING

Per SC 1.7 and SC 1.5, The permittee shall monitor and record the temperature in the secondary combustion chamber of EUCREMATORY continuously. I reviewed the daily continuous temperature records during the inspection.

Per SC 1.6, The permittee shall keep, in a manner satisfactory to the AQD District Supervisor, daily records of the time (duration of burn), description and weight of waste combusted in EU-CREMATORY1, as required by SC II.2. At the time of my inspection, I reviewed the cremation log that specifies the daily records of the time (duration of burn), description, and weight of waste combusted in EUCREMATORY.

Conclusion

Based on the on-site inspection and record review, it appears Detroit Wilbert Cremation Services complies with the requirements of PTI Nos. 33-14, 151-06, and 296-05A.

NAME 

DATE September 14, 2020

SUPERVISOR 