



GRETCHEN WHITMER
GOVERNOR

STATE OF MICHIGAN
DEPARTMENT OF
ENVIRONMENT, GREAT LAKES, AND ENERGY
WARREN DISTRICT OFFICE



LIESL EICHLER CLARK
DIRECTOR

March 21, 2022

VIA E-MAIL

Mr. James Santeiu, Owner
Southern Michigan Cremation Services
4839 Fernlee Avenue
Royal Oak, MI 48073

SRN: P0932, Oakland County

Dear Mr. Santeiu:

VIOLATION NOTICE

On February 15, 2022, the Department of Environment, Great Lakes, and Energy (EGLE), Air Quality Division (AQD), conducted an inspection of Southern Michigan Cremation Services located at 4839 Fernlee Avenue, Royal Oak, Michigan. The purpose of this inspection was to determine Southern Michigan Cremation Services' 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) No. 113-18A for the human crematory.

During the inspection, staff observed the following:

| Process Description | Rule/Permit Condition Violated | Comments |
|---|---|---|
| EU-CREMATORY3 and EU-CREMATORY4 Process/Operational Restrictions and Design/Equipment Parameters. | EU-CREMATORY3 and EU-CREMATORY4 SC III.1, III.2, and IV.1 of PTI No. 113-18A for the human crematory. | Based on the cremation temperature log chart, the temperature of the secondary combustion chamber fell below 1600 °F, which is required by the permit when operating the crematory units. |

Per SC III.1, the permittee shall not combust waste in any crematory in FG750 unless a minimum temperature of 1600 °F and a minimum retention time of 1.0 seconds in the secondary combustion chamber is maintained. At the time of inspection, the AQD staff reviewed the cremation log data, and it appears the minimum temperature of 1600 °F in the secondary combustion chamber was not maintained during the following time periods:

| Date | First and Last Name | Start Time | End Time | Temperature was above 1600 °F for the following duration: | Temperature was below 1600 °F for the following duration: | Average Burning Temperature |
|-------------|----------------------------|-------------------|-----------------|--|--|------------------------------------|
| 12/12/2021 | Robert Old | 12:50 a.m. | 4:45 a.m. | 1:30 a.m. - 2:15 a.m. | 2:15 a.m. - 4:45 a.m. | 1200 °F |
| 11/06/2021 | Jerome Schmidt | 8:25 p.m. | 1:30 a.m. | | 8:25 p.m. - 1:30 a.m. | 1100 °F |
| 11/30/2020 | Jonathan Brennan | 10:30 p.m. | 2:30 a.m. | 10:30 p.m. - 11:00 p.m. | 11:00 p.m. - 2:30 a.m. | 1350 °F |
| 11/26/2020 | Patricia Hurlbert | 3:00 p.m. | 7:00 p.m. | | 3:00 p.m. - 7:00 p.m. | 1000 °F |
| 10/06/2021 | Rentude Tulmen | 12:50 a.m. | 4:45 a.m. | 12:50 a.m. - 1:15 a.m. | 1:15 a.m. - 4:45 a.m. | 1200 °F |
| 09/26/2021 | William Vernia | 9:00 a.m. | 12:14 p.m. | 9:00 a.m. - 12:14 p.m. | | 1190 °F |
| 09/29/2021 | Ianette Donathe | 10:45 p.m. | 2:30 a.m. | | 10:45 p.m. - 2:30 a.m. | 1100 °F |

Please initiate actions necessary to correct the cited violation and submit a written response to this Violation Notice by April 11, 2022 (which coincides with 21 calendar days from the date of this letter). The written response should include: the dates the violation occurred; an explanation of the causes and duration of the violation; whether the violation is ongoing; a summary of the actions that have been taken and are proposed to be taken to correct the violation and the dates by which these actions will take place; and what steps are being taken to prevent a reoccurrence.

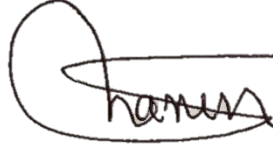
Please submit the written response to EGLE, AQD, Warren District, at 27700 Donald Court, Warren, Michigan 48092 and submit a copy to Ms. Jenine Camilleri, Enforcement Unit Supervisor at EGLE, AQD, P.O. Box 30260, Lansing, Michigan 48909-7760.

If Southern Michigan Cremation Services believes the above observations or statements are inaccurate or do not constitute violations of the applicable legal requirements cited, please provide appropriate factual information to explain your position.

Thank you for your attention to resolving the violation cited above and for the cooperation that was extended to me during my inspection of Southern Michigan Cremation Services. If you have any questions regarding the violation or the actions necessary to bring this facility into compliance, please contact me at the number or email listed below.

Mr. James Santeiu
Southern Michigan Cremation Services
Page 3
March 21, 2022

Sincerely,

A handwritten signature in black ink, appearing to read 'Shamim', enclosed within a large, hand-drawn oval.

Shamim Ahammod
Environmental Engineer
Air Quality Division
586-212-0508 or ahammod@michigan.gov

cc: Ms. Mary Ann Dolehanty, EGLE
Dr. Eduardo Olaguer, EGLE
Ms. Jenine Camilleri, EGLE
Mr. Christopher Ethridge, EGLE
Ms. Joyce Zhu, EGLE, EGLE