

DEPARTMENT OF ENVIRONMENTAL QUALITY
AIR QUALITY DIVISION
ACTIVITY REPORT: Complaint Investigation

N575362867

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| FACILITY: Faithful Companion Memorials, Inc. | | SRN / ID: N5753 |
| LOCATION: 4900 FERNLEE, ROYAL OAK | | DISTRICT: Warren |
| CITY: ROYAL OAK | | COUNTY: OAKLAND |
| CONTACT: | | ACTIVITY DATE: 05/13/2022 |
| STAFF: Robert Elmouchi | COMPLIANCE STATUS: Compliance | SOURCE CLASS: MINOR |
| SUBJECT: Unannounced visible emission observations in response to Complaint No. C-22-00780 (PEAS No. 24097). | | |
| RESOLVED COMPLAINTS: | | |

On May 13, 2022, I conducted a complaint investigation of Faithful Companion Memorials (State Registration Number: N5753), located at 4900 Fernlee, Royal Oak, Michigan, in response to Complaint No. C-22-00780 in which it was alleged the source was frequently emitting black smoke.

Faithful Companion Memorials, Inc. was formerly S. M. Services / Faithful Companion Memorials, located at 4900 Fernlee Avenue. S. M. Services / Faithful Companion Memorials was permitted to operate two (2) human cremation units and four (4) animal cremation units. After April 1, 2021, S. M. Services moved the two (2) human cremation units from 4900 Fernlee Avenue to 4839 Fernlee Avenue. The company also changed its name to Southern Michigan Cremation Services R.O., Inc.

Faithful Companion Memorials (SRN: N5753) remains at 4900 Fernlee Avenue and is permitted to operate six (6) animal cremation units per PTI 310-05D.

Southern Michigan Cremation Services R.O., Inc. (SRN: P0392) occupies 4839 Fernlee Avenue and is permitted to operate four (4) human cremation units per PTI 113-18A.

EVALUATED RULES

R 336.1301 (Rule 301) states in part, *“Except as provided in subrules (2), (3), and (4) of this rule, a person shall not cause or permit to be discharged into the outer air from a process or process equipment a visible emission of a density greater than the most stringent of the following:*

(a) A 6-minute average of 20% opacity, except for 1 6-minute average per hour of not more than 27% opacity.”

R 336.1910 (Rule 910) states, *“An air-cleaning device shall be installed, maintained, and operated in a satisfactory manner and in accordance with these rules and existing law.”*

The purpose of this complaint investigation was to determine if excess opacity was being emitted by the animal cremation units at Faithful Companion Memorials.

INSPECTION

On May 13, 2022, I conducted visible emission observations from 11:45 a.m. to 12:45 p.m. I conducted observations from the parking lot at 4815 Delemere Avenue. At this address, I was able to observe all six exhaust stacks (photo attached) with the sun behind me as required per the Method 9 visible emissions test method. During this observation period, I detected visible emissions from the third stack from the north (center-right), and the southernmost stack (left stack). I observed zero percent visible emissions from the other four exhaust stacks.

The sky was clear, the temperature was approximately 82 degrees F, and the wind was 5 to 7 mph from the east.

THIRD STACK FROM THE NORTH (CENTER-RIGHT)

At 12:07 p.m. I observed 70% opacity and zero percent opacity for the remainder of the six-minute observation period. Per Method 9 data reduction, the six-minute average opacity was 3%.

SOUTHERNMOST STACK (LEFT STACK)

At 11:49 a.m., 12:18 p.m., and 12:26 p.m., I detected opacity from the southernmost stack (left stack). Per the Method 9 data reduction procedure, the six-minute average opacity beginning at 11:49 a.m. was 3%. The six-minute average opacity beginning at 12:18 p.m. was 3%. The six-minute average opacity beginning at 12:26 p.m. was 16%.

CONCLUSION

All the six-minute average opacities observed per this inspection appear to indicate compliance with Rule 301. Also, the duration, frequency, and intensity of visible emissions I observed appeared to indicate the secondary combustion chamber control devices were operating in a satisfactory manner as required per Rule 910.

Faithful Companion Memorials appears to be in compliance with visible emission limits. Additional complaints or information are necessary before further action can be taken.



Image 1(20220513 115248.jpg) : View of exhaust stacks at 4900 Fernlee from 4815 Delemere Avenue. From left to right, the stacks are aligned from south to north. At this location, the view of the north most stack is partly obstructed by the adjacent stack.

NAME Robert Umarchi

DATE 5/18/2022

SUPERVISOR Joyce ZH