

DEPARTMENT OF ENVIRONMENTAL QUALITY  
AIR QUALITY DIVISION  
ACTIVITY REPORT: On-site Inspection

M392459280

<b>FACILITY:</b> REST LAWN MEMORIAL PARK		<b>SRN / ID:</b> M3924
<b>LOCATION:</b> 3450 EASTERN AVE SE, GRAND RAPIDS		<b>DISTRICT:</b> Grand Rapids
<b>CITY:</b> GRAND RAPIDS		<b>COUNTY:</b> KENT
<b>CONTACT:</b> Jim Cogswell , Manager		<b>ACTIVITY DATE:</b> 08/10/2021
<b>STAFF:</b> April Lazzaro	<b>COMPLIANCE STATUS:</b> Compliance	<b>SOURCE CLASS:</b> MINOR
<b>SUBJECT:</b> Unannounced, scheduled inspection.		
<b>RESOLVED COMPLAINTS:</b>		

Staff, April Lazzaro arrived at the facility to conduct an unannounced, scheduled inspection. The purpose of the inspection was to verify whether two crematories permitted under Permit to Install (PTI) No. 26-811 and 907-93 were installed and operating properly. Accompanying staff on the inspection was Jim Cogswell, Manager. As I drove back to the cremation building, I observed the stacks which appeared in good condition. No visible emissions or odors were noted.

### **COMPLIANCE EVALUATION**

The newer oven was operating at the time of the inspection, and the company appears to be operating both units in accordance with PTI Nos. 26-811 and 907-93. The company only burns human remains and the associated container. Both units have a secondary afterburner located under the primary hearth. Neither permit has a requirement to record temperatures of the unit primary or secondary chamber. As such, a focus was made on the operating procedures and maintenance of the units.

Mr. Cogswell operates each unit per the manufacturer's specifications as required. The afterburner is brought up to a temperature of 1,600 °F for the required 30 minutes prior to the primary chamber burner igniting in accordance with the manufacturer's design. Each unit runs approximately 4 hours per burn. The stack dimensions appeared to be in compliance with applicable limits in the permits.

Mr. Cogswell and I talked at length about the preventative maintenance conducted on each unit. He was able to produce the manufacturer's paperwork for both, and discussed spare parts kept on site and he has an electrician on call in case one is needed. Mr. Cogswell has been operating these units since they were purchased. He maintains the photo eye, conducts all calibrations, and services the exhaust fan on a monthly basis. Mr. Cogswell also routinely inspects the refractory and replaces it as needed. The maintenance is conducted on a more frequent basis than the quarterly requirement. Visibly the exterior of the crematories were in very good condition.

The newer cremation unit, covered under PTI No. 907-93 was originally equipped with a temperature circular chart recorder which is no longer functional. However, the permit does not require that the company maintain temperature records. A review of the permit engineer's evaluation found that there is no information to note that there was an expectation for temperature monitoring. As such, this does not indicate a compliance issue. The AQD recommends that Rest Lawn Memorial Park purchase and install a new temperature circular chart recorder.

The company maintains records of the day, time, and identification of remains cremated and the hearth is swept clean after every cremation case.

Because the units are considered pathological incinerators, they are exempt from the Federal Plan requirements under 40 Part 62, Subpart HHH.

### **SUMMARY**

Rest Lawn Memorial Park appeared to be in compliance at the time of the inspection.

NAME April Lazzaro

DATE 08/16/2021

SUPERVISOR HH