# DEPARTMENT OF ENVIRONMENTAL QUALITY
## AIR QUALITY DIVISION
### ACTIVITY REPORT: Self Initiated Inspection

P031425556

| FACILITY: Lake Michigan Crematory Inc. | | SRN / ID: P0314 |
|---|---|---|
| LOCATION: 166 Fifth Ave, HOLLAND | | DISTRICT: Grand Rapids |
| CITY: HOLLAND | | COUNTY: OTTAWA |
| CONTACT: Steven Palmateer , Owner | | ACTIVITY DATE: 06/11/2014 |
| STAFF: April Lazzaro | COMPLIANCE STATUS: Compliance | SOURCE CLASS: MINOR |
| SUBJECT: Announced, unscheduled inspection. | | |
| RESOLVED COMPLAINTS: | | |

Staff, April Lazzaro arrived at the facility to meet with owner Steven Palmateer to discuss the requirements of Permit to Install No. 12-12D, and to observe the second crematory unit that has recently been installed.

The units are highly automated, and are remote accessed by the manufacturer weekly for operation observation, in case a burner needs tuning or other operation parameters need to be tweaked.  The units are equipped with an interlock so that the oven door does not unlock until the secondary chamber reaches 1,450F.  Mr. Palmateer maintains the base temperature at 1,500F to account for any possible temperature fluctuations.

The units are equipped with a strip chart to continuously record temperature.  When a burn is started, the operator will write the time and charge number.  The chart is marked at the end of the burn, which indicates the duration of the burn.  The dolly that is used to transport the charge to the crematory has a built in scale and therefore verifies that the charge weighs less than 750 pounds.  The permittee will maintain all records for the required five years.

The stacks were not measured but have been installed to the permitted specifications.  The company will follow manufacture's guidelines for maintenance, which is once every six months.  All maintenance will be maintained in the computer system that runs the automation of the unit.

The units have been labeled as required by the permit.

The facility was in compliance at the time of the inspection.

NAME _(signature)_       DATE 6-19-14       SUPERVISOR _PMB_