

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

N324730772

FACILITY: FOGELSONGER VAULT CO		SRN / ID: N3247
LOCATION: 1617 LEWIS ST MARQUETTE INDUSTRIAL PARK, BAY CITY		DISTRICT: Saginaw Bay
CITY: BAY CITY		COUNTY: BAY
CONTACT: Gary Fogelsonger , Previous Owner		ACTIVITY DATE: 08/24/2015
STAFF: Gina McCann	COMPLIANCE STATUS: Pending	SOURCE CLASS: MINOR
SUBJECT: Inspection of PTIs 44-15. PTI 44-15 was issued to resolve temperature violations leading to excessive opacity. glm		
RESOLVED COMPLAINTS:		

I (glm) arrived onsite at approximately 10:30 a.m. I met with Mr. Gary Fogelsonger. I gave Mr. Fogelsonger the inspection brochure a business card and explained the inspection process.

Sunset Valley Cremation has been in business since the early 1990's. Mr. Fogelsonger began the business with one human cremation unit and has since expanded to three Mathews Power Pak II units (PTI 44-15), with a maximum charge of 300 pounds, and a B&L Systems Phoenix II unit, with a maximum charge of 1,000 pounds, and lastly a B&L Systems BLP 200/75 unit for animal "pet" remains (both units on PTI 105-11). The facility has five units total, four for human remains and one for pets. I asked Mr. Fogelsonger if the expansions included an increase in gas supply to the facility. He explained that Consumer's Energy was involved during each expansion to ensure the appropriate amount of fuel is being supplied to the facility.

We began by looking at records for PTI 44-15. The facility maintains daily records of the start and stop time (duration of burn), description and weight of the charge combusted in each incinerator as required by S.C. VI. 3. The facility installed a Hobo data logger that continuously records the temperature for units 1, 2 and 3. Mr. Fogelsonger provided temperature charts back to March 2015, which was when the data logger was installed.

At the time of the inspection units 1, 2, and 3 were in operation. The units were charged at 9:30, 8:50, and 9:32 respectively. I reviewed the temperature logs and was unable to determine if the facility was in compliance with the temperature requirement in S.C. III 3. The temperature in the secondary combustion chamber shall not fall below 1600 °F while the load is burning. The data logger did not appear to be collecting the temperature on a fast enough interval. Mr. Fogelsonger and I called the technical support center at Hobo data loggers. We changed the collection to one second intervals. Once the collection interval was changed it appeared the 1600°F was being met.

Compliance cannot be determined from previous temperature charts. Data was being collected at 30 minute intervals and charges burn for approximately 2.5-3 hours. The charts show a temperature spike to 1600°F, but will then show a rapid decline in temperature because the data wasn't collected for another 30 minutes. I will revisit within a few months to view temperature records again now that the data is being collected at an appropriate interval.

NAME Gina L. McCann

DATE 8/25/2015

SUPERVISOR C. Hare