

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

N715863019

FACILITY: Rainbow Bridge		SRN / ID: N7158
LOCATION: 5646 Commerce St Unit H, LANSING		DISTRICT: Lansing
CITY: LANSING		COUNTY: INGHAM
CONTACT: Curt Russel ,		ACTIVITY DATE: 05/18/2022
STAFF: Samantha Davis	COMPLIANCE STATUS: Compliance	SOURCE CLASS: MINOR
SUBJECT: Unannounced, scheduled inspection for compliance with PTI 123-02C.		
RESOLVED COMPLAINTS:		

N7158

Unannounced, scheduled inspection to determine compliance with PTI 123-02C.

EGL – AQD Staff Present: Samantha Davis

Environmental Contact: Curt Russel, General Manager, rainbowbridgemi@gmail.com – 517-882-1700

Shane Brown, Cremation Technician

Facility Description:

Rainbow Bridge is a pet crematory with two small pathological waste incinerators covered by Permit to Install (PTI) No. 123-02C. Most recently Rainbow Bridge was bought in July 2021 by Gateway. Curt Russel, former owner, is now General Manager.

Location:

The building is at the end of a dead-end road. The building is divided into four separate business units. Rainbow Bridge used to be located in the northern most unit, but recently have moved to the southernmost unit, Unit H.

Inspection:

I arrived at the facility at 10:10 am. I was met by Shane Brown, Cremation Technician. The facility's website indicates that the Lansing location office hours are Monday through Friday from 9 am to 5 pm. There were no visible emissions or odors coming from the facility upon my arrival. There were heat waves coming from the stack associated with EUINCINERATOR2, indicating that the unit was operating.

EUINCINERATOR1: This incinerator is the original unit from when Rainbow Bridge bought the facility in 2013. This unit was dismantled and removed from the facility.

EUINCINERATOR2: This unit was operating during my inspection. This incinerator is a refurbished Matthews unit that was installed in 2018 with the modification of this permit from 123-02 to 123-02A. This is the main unit that performs majority of the charges at this facility. They preheat the unit until it reaches 1600-degree F and set the unit at 1650 degrees to ensure it stays at the minimum temperature of 1600 required by the permit. They start out with bigger charges in the

morning and move to the smaller charges throughout the day, this helps limit any smoke being emitted. They also do a cool-down of the unit halfway through the day.

EUINCINERATOR3: This new incinerator was added with modification of the permit from 123-02B to 123-02C when the facility moved to Unit H. It is a Matthews unit that operates off natural gas and has a 250 lbs/hr burn rating with a 1,000 lb maximum charge limit. This unit was not operating during my visit. It has been down since November 2021 due to the power source. They are in the process of fixing the issue.

Permit Review:

SC 3.2 & 4.1 – These conditions require that the unit be maintained and operated in a satisfactory manner. It appears this condition was being met.

SC 4.3 – There is a scale on site to verify the weight of charges.

SC 6.2 & 6.6 – Temperature recorders are installed and used on the incinerator units; however, dates are not kept on all of the sheets. I recommended to Shane that he start keeping the date on every chart and filing them away for the required five-year period.

SC 6.3 – Daily records of charges are now being kept on an online database called Angelpaw. This database keeps a description of the pet, weight, date of pick-up. It even keeps track of where it is at in the cremation process, including what incinerator was used.

SC 6.6 – A record of all service, maintenance and equipment inspections was being kept.

Conclusion:

Rainbow Bridge Pet Crematory was doing a good job maintaining temperature during charges in their units. The facility should be more diligent about writing the dates on the temperature recording charts. The facility appeared to be in compliance with PTI 123-02C.

NAME Samantha Davis

DATE 5/26/22

SUPERVISOR BM