

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

N817759794

FACILITY: RIVER'S EDGE PET CREMATORY, LLC		SRN / ID: N8177
LOCATION: N10186 BURT ST, RAMSAY		DISTRICT: Marquette
CITY: RAMSAY		COUNTY: GOGEBIC
CONTACT: Joy Smith , Owner		ACTIVITY DATE: 09/02/2021
STAFF: Sydney Hewson	COMPLIANCE STATUS: Compliance	SOURCE CLASS: MINOR
SUBJECT: Onsite inspection to verify compliance with PTI 334-08 and all other applicable state and federal air quality regulations		
RESOLVED COMPLAINTS:		

On September 2, 2021 I (Sydney Hewson) performed an onsite inspection of River's Edge Pet Crematory located at N 10186 Burt Street Ramsay, MI. When I arrived onsite the incinerator was operating but there was no one onsite. I was able to view the stack and observed 0% opacity while in operation. I send a records request to the owner, Joy Smith to complete the inspection.

Facility Description:

River's Edge Pet Crematory operates a Matthews Cremation Division IE43-PPJ Power Pak Jr. Crematory Incinerator that is Propane Gas Fired. The permit states the unit runs on natural gas, this is an error. I am looking into how to proceed with correcting this. The unit has a maimum charge of 300 lbs and a burn rate of 75 lbs/hr. The facility operates under Permit to Install (PTI) 334-08 and is only permitted to charge Animal "Pet" Remains.

PTI 334-08 Requirements/Records Reviewed:

Emission Unit: EUCREMATORY

Emission Limit:

Pollutant	Limit	Time Period / Operating Scenario	Equipment	Testing / Monitoring Method	Underlying Applicable Requirements
1. PM	0.20 pounds per 1,000 pounds of exhaust gases, corrected to 50% excess air.	Test Protocol ¹	EUCREMATORY	GC 11, GC 13	R 336.1331

The facility shows compliance with the PM limit through proper temperature of the secondary combustion chamber and maintaining 0% opacity from the stack while operating.

Material Limits:


The facility only incinerates pathological waste in EUUCREMATORY, and typically limits the charge weight to 150-180 lbs maximum which is below the permit limit of 300 lbs. The permit states the facility is only allowed to burn natrual gas in EUCREMATORY, they have never burned natural gas, only propane. Correcting this in the permit will require a permit modification.

Process/Operational Restrictions:

The facility is required to maintain a minimum temperature of 1600°F and a minimum retention time of 1.0 seconds in the secondary combustion chamber. Ms. Smith sent me live footage of the temperature monitor and records for the months of February 2021 and June 2021. Temperature readings were around 1650 degrees F. The temperature is monitored on a continuous basis while EUCREMATORY is operating. (Records are attached to the hard file of this report)

Compliance Determination:

At the time of my inspection it appeared the facility was in compliance with PTI 334-08 and all other applicable state and federal air quality regulations. River's Edge will submit a permit modification to correct the fuel use in EUCREMATORY.

NAME 

DATE 9/15/21 SUPERVISOR 