

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

N725559101

FACILITY: CRONKHITE VAULT SERVICE		SRN / ID: N7255
LOCATION: 371 INDUSTRIAL AVENUE, BRONSON		DISTRICT: Kalamazoo
CITY: BRONSON		COUNTY: BRANCH
CONTACT: Lucas Cronkhite , Owner		ACTIVITY DATE: 05/13/2021
STAFF: Chance Collins	COMPLIANCE STATUS: Compliance	SOURCE CLASS:
SUBJECT: Scheduled Inspection		
RESOLVED COMPLAINTS:		

On May 13, 2021 AQD staff traveled to Branch County to perform an inspection of Cronkhite Vault Service. The purpose of the inspection was to determine the facility's compliance with Permit to Install No. 116-03 and applicable state and federal air pollution control regulations. Permit to Install No. 116-03 includes a B & L Cremation System model N-20 human crematory.

AQD staff arrived on site at 1:45 p.m. to partly cloudy conditions with a temperature of 63°F with a N wind of 5 mph. There were no noticeable odors or visible emissions upon arrival.

AQD staff met with Lucas Cronkhite (owner) who walked staff through the facility and answered all questions. The crematory was not operating at the time of the visit. The following discusses the results of the on-site inspection and review of records:

EU-Crematory:

Emission Limit: PM limit of 0.20 pounds per 1,000 pounds of exhaust gases, corrected to 50% excess air.

Material Usage Limits: Shall not burn any waste other than human or animal remains, anatomical parts, and/or tissue. This condition appears to be in compliance.

Process/Operation limits: EU-Crematory is only operated at 1600°F or higher and a minimum retention time of 1.0 seconds in the secondary combustion chamber is maintained. Temperature records were reviewed on-site and appeared to be in compliance.

Monitoring: A device to monitor and record the temperature in the secondary combustion chamber of EU-Crematory on a continuous basis is installed and working in a satisfactory manner.

Recordkeeping/Reporting/Notification: Records were reviewed at the time of inspection. AQD staff had a discussion with Mr. Cronkhite on-site regarding satisfactory recordkeeping for description and weight of waste combusted in EU-Crematory and a change was made to the recordkeeping process at the facility. A violation notice will not be sent at this time.

Stack/Vent Requirements: Stack height and diameter requirements appeared to be in compliance with the permit.

At the time of inspection, the facility appears to be in compliance with Permit to Install No. 116-03.

NAME 

DATE 6/1/21

SUPERVISOR RIL 6/4/21