

MARYLAND DEPARTMENT OF THE ENVIRONMENT
Air and Radiation Management Administration / Air Quality Permits Program
1800 Washington Boulevard, STE 720 Baltimore, MD 21230-1720
(410) 537-3230 • 1-800-633-6101 • www.mde.state.md.us

Mail application to

MDE/ARMA

**1800 Washington Blvd, Suite 720
Baltimore, MD 21230-1720**

Don't forget to:

✓ *Sign the application*

✓ *Include all the attachments!*

Air Quality Permit to Construct & Registration Application for
ANIMAL CREMATORIES

1) Applicability

You must check off all the following items to use this application form

- That you have zoning approval for the crematory
- That the crematory has a secondary combustion chamber
- That there is a temperature monitoring and recording device on both the primary and secondary combustion chambers
- That you will maintain a log of maintenance and operation of the crematory
- That you will burn no plastics, including plastic bags
- That no animals used in medical research will be loaded into the crematory

2) Business/Institution/Facility where the animal crematory will be located

Check if this is a federal facility

Name: _____ Phone: _____

Street Address: _____

City: _____ State: _____ Zip Code: _____ County: _____

3) Owner/Operator of the animal crematory (if different than above)

Name: _____ Phone: _____

Mailing Address: _____

City: _____ State: _____ Zip Code: _____

4) Installer

Check if installer is applying for permit. If checked, complete this section:

Name: _____ Phone: _____

Mailing Address: _____

City: _____ State: _____ Zip Code: _____

5) Workers Compensation (Environmental article §1-202)

Workers insurance policy or binder number: _____

Check if self employed or otherwise exempt from this requirement



6) Animal Crematory Information

Installation Date _____

Crematory make and model _____

Crematory rated capacity _____

Number of Crematories _____

Primary chamber firing rate
(MMBTU/HR) _____

Secondary chamber firing rate
(MMBTU/HR) _____

Fuel type _____

Primary chamber:

Height _____

Diameter _____

Temperature _____

Secondary chamber:

Height _____

Diameter _____

Temperature _____

Retention time _____

Stack:

Height _____

Width _____

Exit velocity or acfm _____

5) Operating Information (typical or averaged, per crematory)

Lbs of animals cremated
(per hour) _____

Lbs of animals cremated
(per day) _____

Running time
(hours per day) _____

Running time
(days per year) _____

6) Required Attachments

(Check off that they are attached)

- Zoning approval letter from your county
- Drawing or aerial photograph showing:
 - Property boundaries of the facility
 - Location of the crematory on the facility
 - Location of nearby residences
 - Distance from the crematory to the nearest property boundary
 - Distance from the crematory to the nearest residence
- Vendor literature showing the following:
 - The crematory maximum hourly burning capacity
 - Primary chamber operating temperature
 - Secondary chamber operating temperature
 - Secondary chamber retention time
 - Temperature monitoring and recording devices for the primary and secondary combustion chambers
- Toxics compliance demonstration consisting of either:
 - A written vendor guarantee of a secondary chamber 1.5 second retention time at 1800 degrees F
 - OR
 - Burn test data for this type of crematory that shows emissions pass Maryland air toxics

"I CERTIFY UNDER PENALTY OF LAW THAT THE INFORMATION SUBMITTED IN THIS REQUEST FOR COVERAGE IS, TO THE BEST OF MY KNOWLEDGE AND BELIEF, TRUE, ACCURATE, AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT FOR KNOWING VIOLATIONS."

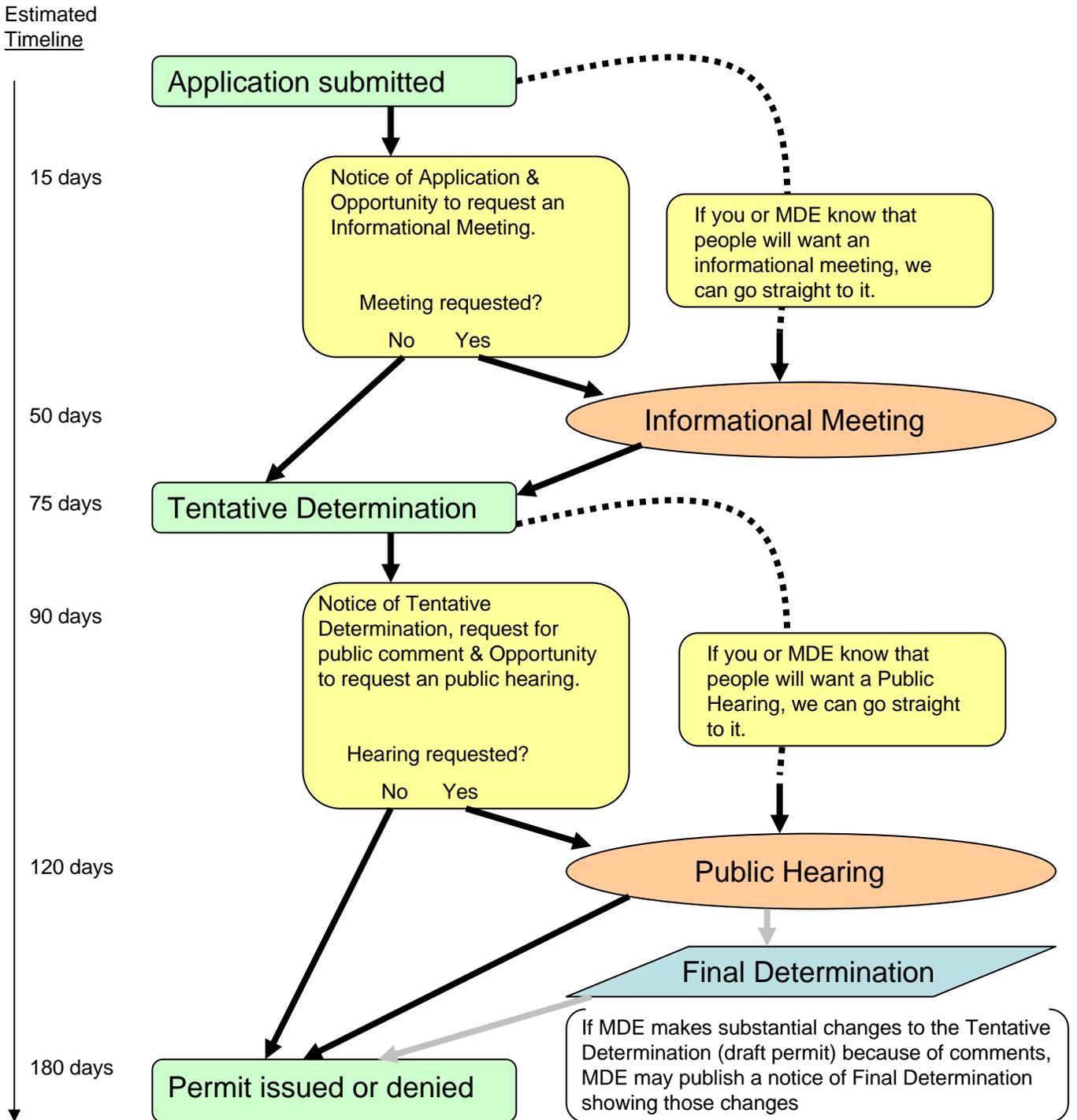
Owners Signature

Printed Name & Title

Date

The Permitting Process

Your permit is a public review permit. This means it will go through a somewhat complex and time consuming review process. This is a outline guide to give you an understanding of the steps, and a rough idea of the time involved.



**MARYLAND DEPARTMENT OF THE ENVIRONMENT
AIR AND RADIATION MANAGEMENT ADMINISTRATION**

**SUMMARY OF THE PUBLIC PARTICIPATION REQUIREMENTS
DURING THE PERMIT TO CONSTRUCT REVIEW PROCESS**

I. INFORMATIONAL MEETING

An informational meeting provides an opportunity for communication between the company, the Department, and citizens. This meeting may or may not be held depending upon the level of public interest in the application.

II. TECHNICAL REVIEW OF THE APPLICATION

The Department performs a technical review of the application to determine if the proposed equipment will comply with all applicable air pollution control regulations.

III. TENTATIVE DETERMINATION

After the technical review and the informational meeting, if one is held, the Department prepares a tentative determination, which will include a proposal to either issue or deny the permit. A copy of the tentative determination will be available for review by citizens.

IV. PUBLIC HEARING

Citizens must be given the opportunity to request a public hearing. If a hearing is requested, or if the Department decides to require one, the Department will schedule the hearing, which serves as a way to formally receive comments from citizens on the tentative determination. Written comments about the tentative determination can also be sent directly to the Department.

V. FINAL DETERMINATION

If adverse written and/or oral comments are received concerning the tentative determination or if the Department intends to make a final determination that is substantively different from the tentative determination, the Department responds in writing to the comments received and prepares a final determination. The final determination will, as in the tentative determination, include a proposal either to issue or to deny the permit.