

Forest View Veterinary Clinic)	Departmental
York County)	Findings of Fact and Order
East Lebanon, Maine)	Air Emission License
A-660-71-C-M)	Amendment #1

After review of the air emissions license amendment application, staff investigation reports and other documents in the applicant’s file in the Bureau of Air Quality, pursuant to 38 M.R.S.A., Section 344 and Section 590, the Department finds the following facts:

I. REGISTRATION

A. Introduction

Forest View Veterinary Clinic (FVVC) of East Lebanon, Maine was issued Air Emission License A-660-71-B-R on November 7, 2000 permitting the operation of emission sources associated with operation of their Class IV-A veterinary incinerator.

FVVC has requested a minor revision to their license in order to reduce the operating temperature in the secondary chamber from 1600°F to 1200°F.

B. Application Classification

The modification of a minor source is considered a major modification based on whether or not expected emission increases exceed the “Significant Emission Levels” as given in Maine’s Air Regulations. The changes proposed in this amendment will not change current licensed emissions. This modification is therefore determined to be a minor revision and has been processed as such.

II. BEST PRACTICAL TREATMENT (BPT)

In order to receive a license the applicant must control emissions from each unit to a level considered by the Department to represent Best Practical Treatment (BPT), as defined in Chapter 100 of the Department regulations. Separate control requirement categories exist for new and existing equipment as well as for those sources located in designated non-attainment areas.

FVVC has performed visual emissions testing according to EPA Method 9 during incinerator operation at the proposed lower temperature. The incinerator was able to meet its licensed opacity limit of 10% on a six minute block average basis

while operating at 1200°F. Therefore BPT for the veterinary incinerator shall include the following:

- Operating temperature in the secondary chamber or refractory lined stack shall be maintained at or above 1200°F with a stack gas retention time, at or above 1200°F, of at least 1.0 seconds.
- The secondary chamber shall be preheated, as specified by the manufacturer, until the pyrometer temperature measures a minimum of 1200°F.
- FVVC shall install, operate and maintain chart recorders to demonstrate compliance with the temperature requirements put forth in this license. FVVC shall not operate their incinerator at the 1200°F temperature, and shall continue to operate at 1600°F in the secondary chamber, until the chart recorders have been installed and are recording accurate and reliable data. FVVC shall have 120 days to demonstrate that continuous chart recorders have been installed and are recording accurate and reliable data, per the original Condition (27) of license A-660-71-B-R.

ORDER

Based on the above Findings and subject to conditions listed below, the Department concludes that the emissions from this source:

- will receive Best Practical Treatment,
- will not violate applicable emission standards,
- will not violate applicable ambient air quality standards in conjunction with emissions from other sources.

The Department hereby grants Air Emission License Minor Revision A-660-71-C-M, subject to the conditions found in Air Emission License A-660-71-B-R, and in the following conditions:

The following replaces Condition (19) of License A-660-71-B-R:

- (19) The secondary chamber shall be preheated as specified by the manufacturer to a minimum of 1200°F prior to combusting any waste and shall be maintained at a minimum of 1200°F during the duration of the burn.

The following replaces Condition (20) of License A-660-71-B-R:

- (20) Once the burn cycle has commenced by introduction of primary chamber combustion, the incinerator shall be operated in an efficient manner and as specified by the manufacturer for the period of time between preheat and reaching the set operational temperature to be a minimum of 1200°F in the secondary chamber.

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The following replaces Condition (21) of License A-660-71-B-R:

- (21) A pyrometer and ¼ inch test port shall be installed and maintained at that location of the incinerator or refractory lined stack which provides sufficient volume to insure a flue gas retention time of not less than 0.5 seconds at the minimum of 1200°F.

The following replaces Condition (27) of License A-660-71-B-R:

- (27) FVVC shall demonstrate that continuous chart recording devices have been installed and are recording accurate and reliable data within 120 days of the signature date of this license.

The following are new Conditions:

- (30) FVVC shall pay the annual air emission license fee within 30 days of December 31 of each year. Pursuant to 38 MRSA §353-A, failure to pay this annual fee in the stated timeframe is sufficient grounds for revocation of the license under 38 MRSA §341-D, subsection 3.
- (31) This amendment shall expire concurrently with Air Emission License A-660-71-B-R.

DONE AND DATED IN AUGUSTA, MAINE THIS _____ DAY OF _____ 2003.

DEPARTMENT OF ENVIRONMENTAL PROTECTION

BY: _____

DAWN R. GALLAGHER, COMMISSIONER

PLEASE NOTE ATTACHED SHEET FOR GUIDANCE ON APPEAL PROCEDURES

Date of initial receipt of application: March 3, 2003

Date of application acceptance: March 25, 2003

Date filed with the Board of Environmental Protection: _____

This Order prepared by Rachel E. Pilling, Bureau of Air Quality