STATE OF MAINE
DEPARTMENT OF ENVIRONMENTAL PROTECTION

JOHN ELIAS BALDACCI
GOVERNOR

BETH NAGUSKY
ACTING COMMISSIONER

Lohmann Animal Health International, Inc.
Kennebec County
China, Maine
A-986-71-B-M

Departmental Findings of Fact and Order Air Emission License Amendment #1

After review of the air emission license 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

Lohmann Animal Health International, Inc. (LAH) was issued Air Emission License A-986-71-A-N on March 7, 2008, permitting the operation of a Class IV-A (veterinary) incinerator, to dispose of animal remains.

LAH has requested to amend their License in order to increase the annual fuel limit from 10,000 to 20,000 gallons of propane fuel.

B. Application Classification

This amendment will increase emissions by less than 4 ton/year for each single pollutant and less than 8 ton/year for all pollutants combined. Therefore, this modification is determined to be a minor revision and has been processed as such.

II. BEST PRACTICAL TREATMENT

A. Introduction

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 *Definitions Regulation*, 06-096 CMR 100 (last amended December 24, 2005). Separate control requirement categories exist for new and existing equipment as well as for those sources located in designated non-attainment areas.

BPT for new sources and modifications requires a demonstration that emissions are receiving Best Available Control Technology (BACT), as defined in *Definitions Regulation*, 06-096 CMR 100 (last amended December 24, 2005). BACT is a top-down approach to selecting air emission controls considering economic, environmental and energy impacts.

B. Annual Emissions
   1. LAH shall be limited to firing 20,000 gallons of propane fuel, on a calendar year basis.
   2. LAH shall be restricted to the following annual emissions:

Total Licensed Annual Emissions for the Facility
Tons/year
(used to calculate the annual license fee)

	PM	PM_{10}	SO_2	NO_x	CO	VOC
Total TPY	**0.24**	**0.24**	**0.01**	**0.14**	**0.02**	**0.02**

III. AIR QUALITY ANALYSIS

According to 06-096 CMR 115 of the Department's regulations, the level of air quality analysis and monitoring are determined on a case-by-case basis. Based on analysis for similar sources, the size of the source, the allowable emissions, the location, and the stack height, ambient air quality standards, including increments, are not expected to be violated. Therefore, an ambient air impact analysis will not be required for this source at this time.

ORDER

Based on the above Findings and subject to conditions listed below the Department concludes that the emissions from this above 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 A-986-71-B-M, subject to the conditions found in A-986-71-A-N, and the following conditions.

Severability. The invalidity or unenforceability of any provision, or part thereof, of this License shall not affect the remainder of the provision or any other provisions. This License shall be construed and enforced in all respects as if such invalid or unenforceable provision or part thereof had been omitted.

The following shall replace Specific Condition 24 in Air Emission License A-986-71-A-N:

(24) Fuel use (based on a calendar year) shall be limited to 20,000 gallons of LP Gas. Compliance with the fuel use limits shall be demonstrated by receipts from the supplier documenting the quantity of fuel delivered. [06-096 CMR 115, BACT]

The following is a new Condition:

(26) LAH shall notify the Department within 48 hours and submit a report to the Department on a quarterly basis if a malfunction or breakdown in any component causes a violation of any emission standard (38 M.R.S.A. §605).

DONE AND DATED IN AUGUSTA, MAINE THIS 22nd DAY OF September 2010.

DEPARTMENT OF ENVIRONMENTAL PROTECTION

BY: James P. Brooks
BETH NAGUSKY, ACTING COMMISSIONER

The term of this amendment shall be concurrent with the term of Air Emission License A-986-71-A-N.

PLEASE NOTE ATTACHED SHEET FOR GUIDANCE ON APPEAL PROCEDURES

Date of initial receipt of application: 3/25/2010
Date of application acceptance: 4/1/2010

Date filed with the Board of Environmental Protection:

FILED
SEP 27 2010
BOARD OF ENVIRONMENTAL PROT.
STATE OF MAINE

This Order prepared by Jonathan Voisine, Bureau of Air Quality.