BASIC
AIR CONTAMINANT DISCHARGE PERMIT

Lane Regional Air Protection Agency
1010 Main Street
Springfield, OR 97477
(541) 736-1056

This permit is being issued in accordance with the provisions of LRAPA's Rules and Regulations and based on the land use compatibility findings included in the permit record.

ISSUED TO:

Musgrove Crematorium
1152 Olive Street
Eugene, OR 97401

PLANT SITE LOCATION:

1152 Olive Street
Eugene, OR 97401

INFORMATION RELIED UPON:

Application No.: 54302
Date Received: October 13, 2009

LAND USE COMPATABILITY STATEMENT:

Approving Authority: City of Eugene
Approval Date: May 14, 2001

PERMIT PREVIOUSLY ISSUED TO:

Musgrove Family Mortuary

ISSUED BY THE LANE REGIONAL AIR PROTECTION AGENCY

APR 15 2010

Merlyn L. Hough, Director — Dated

Source(s) Permitted to Discharge Air Contaminants (LRAPA Section 37-0020):

Table 1 Code	Source Description	SIC
Part A, 4	Crematory and pathological waste incinerators with less than 20 tons per year material input.	4953

1.0 STATEMENT OF PURPOSE

1.1 Permitted Activities

The permittee is allowed to discharge air contaminants from processes and activities related to the air contaminant source(s) listed on the first page of this permit until this permit expires, is modified, revoked or rescinded as long as the permittee complies with the conditions of this permit.

2.0 EMISSION STANDARDS AND LIMITS

2.1 Production limits

The permittee is prohibited from cremating 20 or more tons of material per year without first applying for and being assigned to a General Air Contaminant Discharge Permit AQGP-012.

2.2 Visible emission limits

No visible emissions may be present except for a period aggregating no more than six (6) minutes in any 60 minute period, and not exceeding 20% opacity as measured by EPA Method 9. At no time shall visible emissions exceed an opacity of 10%.

2.3 Particulate Matter Emissions

Particulate matter must not exceed 0.080 grains per dry standard cubic foot of exhaust gases corrected to 7% O_2 at standard conditions.

2.4 Work Practices

The permittee may not burn any material other than human and/or animal bodies and materials normally used in cremations in the incinerator(s). No other waste, including infectious waste as defined in LRAPA Title 30 may be incinerated unless approved in advance by LRAPA.

2.5 Temperature Requirements

The permittee must comply with the following standards:

a. For incinerators installed prior to March 13, 1993, the exit temperature at the final chamber must be at or above 1600°F with a residence time of at least 0.5 seconds.

b. For incinerators installed or modified on or after March 13, 1993, the exit temperature at the final chamber must be at or above 1800°F with a residence time of at least 0.5 seconds.

c. The temperature in the final chamber must be 1400°F prior to igniting the primary burner.

2.6 Operator Training

The incinerator(s) must be operated at all times under the direction of individuals who have received training necessary for proper operation. The following must be

available on-site at all times for LRAPA inspection:

a. A description of a LRAPA approved training program. New facilities must submit a description of the operator training program to LRAPA for approval within 60 days after the permit is assigned.

b. A written statement signed by each operator stating that the operator has undergone and understood the training program.

2.7 Fugitive Emissions

The permittee must take reasonable precautions for preventing fugitive dust emissions.

2.8 Particulate Matter Fallout

The permittee must not cause or permit the emission of any particulate matter larger than 250 microns in size at sufficient duration or quantity, as to create an observable deposition upon the real property of another person. LRAPA will verify that the deposition exists and will notify the permittee that the deposition must be controlled.

2.9 Nuisance and Odors

The permittee must not cause or allow air contaminants from any source to cause a nuisance. Nuisance conditions will be verified by LRAPA personnel.

2.10 Other Regulations

In addition to the specific requirements listed in this permit, the permittee must comply with all other legal requirements enforceable by the Department.

3.0 COMPLIANCE DEMONSTRATION AND MONITORING

3.1 Visible Emissions and Particulate Matter Emissions

The permittee must demonstrate compliance with the visible emissions and particulate matter emission standards contained in Conditions 2.2 and 2.3:

a. If the source is a new crematory incinerator;

b. If the source violates the requirements of Conditions 2.2 or 2.3; or

c. At LRAPA's request.

3.2 Compliance Demonstration Procedures

As proof of compliance, the permittee may submit to the Department:

a. A source test conducted in accordance with the Department's Source Sampling Manual; or,

b. The results of testing performed on a crematory incinerator that LRAPA agrees is comparable to the incinerator in question.

3.3 Temperature Monitoring Requirement

All crematory incinerators must operate and maintain continuous monitoring for final combustion chamber exit temperature. The monitoring device must be installed and operated in accordance with the manufacturer's instructions, and must be located in an area of the secondary combustion chamber that will allow evaluation of compliance with temperature requirements in Condition 2.5.

4.0 RECORDKEEPING AND REPORTING REQUIREMENTS

4.1 Records

The permittee must maintain records of the following information for at least 2 years from the date of the record:

a. All records associated with continuous temperature monitoring data, including, but not limited to, original data sheets, charts, calculations, calibration data, production records and final reports.

b. The tons of material incinerated each calendar month.

4.2 Reports

The permittee is required to report to LRAPA by **February 15th** of each year the amount of material cremated during the previous calendar year.

4.3 Permit Renewal

An application to renew the permit is due February 15, 2020.

4.4 Construction or Modification Notices

The permittee must notify LRAPA before adding new or modifying existing equipment to the extent that process equipment is substantially changed or added to, or emissions are significantly changed or increased.

4.5 Notice of Change of Ownership or Company Name

The permittee must promptly notify LRAPA of any change of mailing address, company name, or plant ownership. The permit will expire 60 days after a change in the legal entity owning/operating the facility unless application, with appropriate fees, is made to transfer the permit to the new entity.

4.6 Where to Send Reports and Notices

The reports and notices, with the permit number prominently displayed, must be sent to the LRAPA office identified on the cover page of the permit.

5.0 FEES

5.1 Fees

The Annual Fee specified in LRAPA Section 37-0020, Table 2, Part 2 for a Basic ACDP is due on **December 1** of each year this permit is in effect. An invoice indicating the

amount, as determined by LRAPA regulations, will be mailed prior to the above date.

6.0 GENERAL CONDITIONS

6.1	**Masking of Emissions**	The permittee must not cause or permit the installation of any device or use any means designed to mask the emissions of an air contaminant that causes or is likely to cause detriment to health, safety, or welfare of any person or otherwise violate any other regulation or requirement.
6.2	**Open Burning**	The permittee may not conduct any open burning except as allowed by LRAPA Title 47.
6.3	**Asbestos**	All activities involving asbestos-containing materials, including, but not limited to, demolition, renovation, repair, construction, and maintenance must be performed by persons certified for asbestos abatement projects. Accumulation of asbestos containing material is prohibited. If you have asbestos questions, contact the LRAPA office identified below.
6.4	**Permit Availability**	The permittee must have a copy of the permit available at all times.
6.5	**LRAPA Inspections**	The permittee must allow LRAPA's representatives access to the plant site and pertinent records at all reasonable times for the purposes of performing inspections, surveys, collecting samples, obtaining data, reviewing and copying air contaminant emissions discharge records and conducting all necessary functions related to this permit in accordance with ORS 468.095.
6.6	**Legal Disclaimers**	The issuance of this permit does not convey any property rights in either real or personal property, or any exclusive privileges, nor does it authorize any injury to private property or any invasion of personal rights, nor any infringement of federal, state, or local laws or regulations.
6.7	**Permit Revocation**	This permit is subject to revocation for cause as provided in LRAPA Section 37-0082.
6.8	**LRAPA Contact**	Call the LRAPA office at (541) 736-1056.

Lane Regional Air Protection Agency

BASIC
AIR CONTAMINANT DISCHARGE PERMIT
REVIEW REPORT

Musgrove Crematorium
1152 Olive Street
Eugene, OR 97401
541-686-2818

Reports			NSPS	Size	Public Notice
Annual	Semi-annual	Excess Emissions			
x	na	x	na	B	1

1. The proposed permit is a renewal for an existing Air Contaminant Discharge Permit (ACDP) which was issued on June 1, 2006 and was originally scheduled to expire on May 31, 2011. The ACDP is being converted from a Minimal ACDP to a Basic ACDP in accordance with the rules adopted in 2008 and 2010.

2. The permittee operates a crematory incinerator at 1152 Olive Street in Eugene. A description of the processes, equipment, and activities is provided in the application on file at LRAPA.

3. This facility qualifies for a Basic ACDP because the production will be less than 20 tons per year.

4. The source is located in an attainment area for all pollutants except PM_{10}. The Eugene Springfield Air Quality Maintenance Area is a nonattainment area for PM_{10}.

5. LRAPA has determined that sources that qualify for a Basic ACDP will not have significant emissions. In most cases the emission will not exceed 5 tons of PM or PM_{10} or 10 tons of any other pollutant. Therefore, the Basic ACDP does not include Plant Site Emission Limits and it is not necessary to estimate emissions for each individual source.

6. Pursuant to LRAPA Section 37-0056(4), issuance of a new or renewed Basic Air Contaminant Discharge Permit requires public notice in accordance with LRAPA Section 31-0030(3)(a). Therefore, there will be no prior notice or public participation. However, LRAPA will maintain a list of all permit actions processed under Category I and make the list available for public review.