

## 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.

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**ISSUED TO:**

**Rest-Haven Memorial Park  
Funeral Home**  
3900 Willamette Street  
Eugene, Oregon 97405

**INFORMATION RELIED UPON:**

Application No.: 66077  
Date Received: 02/21/20

**PLANT SITE LOCATION:**

3900 Willamette Street  
Eugene, Oregon 97405

**LAND USE COMPATIBILITY STATEMENT:**

Approving Authority: City of Eugene  
Approval Date: 11/13/98

**ISSUED BY THE LANE REGIONAL AIR PROTECTION AGENCY**



Merlyn L. Hough, Director

MAR 3 2020

Dated

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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.	7261

## 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air contaminant source(s) listed on the first page of this permit until this permit expires, is modified, revoked or rescinded as long as the permittee complies with the conditions of this permit. If there are other emission activities occurring at the site besides those listed on the cover page of this permit, the permittee may be required to obtain a General, Simple, or Standard ACDP, if applicable.
- 1.2 Operation of Pollution Control Device and Processes** The permittee must operate and maintain air pollution control devices and emission reduction processes at the highest reasonable efficiency and effectiveness to minimize emissions. Air pollution control devices and components must be in operation and functioning properly at all times when the associated emission source is operating. [LRAPA 32-005]
- 1.3 Relation to Local Land Use Laws** This permit is not valid in outside of Lane County, or at any location where the operation of the permittee's processes, activities, or insignificant activities would be in violation of any local land use or zoning laws. For operation in outside of Lane County, contact Oregon Department of Environmental Quality for any necessary permits at (503) 229-5696. It is the permittee's sole responsibility to obtain local land use approvals as, or where, applicable before operating this facility at any location. [LRAPA 37-0040(1)(a)(K)]

## 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. [LRAPA 37-0025(4)]
- 2.2 Visible Emission Limits** The permittee must comply with the following visible emission limit, as applicable: [LRAPA 30-045(2)]
- a. No visible emissions must be present except for a period aggregating no more than three (3) minutes in any sixty (60) minute period.
  - b. At no time shall visible emissions exceed and opacity of 10%.
  - c. The visible emission limitation in this condition is based upon a period or periods aggregating more than three (3) minutes in any one (1) hour. Observations shall be recorded at 15-second intervals as specified in LRAPA 30-045(2) and 32-010(2).
  - d. The visible emission standards in this condition does not apply to fugitive emission from the source.

- 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<sub>2</sub> at standard conditions. [LRAPA 30-045(1)]
- 2.4 Work Practices** The permittee may not burn any material other than human and/or animal bodies, containers, or other items normally allowed during cremations within the crematory incinerator(s). However, no waste material intended for disposal, including infectious waste as defined in LRAPA 30-010, may be cremated. [LRAPA 30-010]
- 2.5 Temperature Requirements** The permittee must comply with the following standards, as applicable: [LRAPA 30-050(1)]
- a. For a crematory incinerator installed prior to March 13, 1993, the exit temperature at the final chamber (afterburner) must be at or above 1600°F during the entire cremation, with a residence time of at least 0.5 seconds.
    - i. The temperature within the final chamber (afterburner) must be at or above 1200°F prior to igniting the primary burner.
  - b. For a crematory incinerator installed or modified on or after March 13, 1993, the exit temperature at the final chamber (afterburner) must be at or above 1800°F during the entire cremation, with a residence time of at least 0.5 seconds.
    - i. The temperature within the final chamber (afterburner) must be at or above 1400°F prior to igniting the primary burner.
- 2.6 Operator Training** The permittee must require that the incinerator(s) 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: [LRAPA 30-050(2)]
- 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 issued.
  - 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 emission from becoming airborne from all site operations from which it may be generated. [LRAPA 48-015]
- 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 32-055]
- 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. [LRAPA Title 49]
- 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 LRAPA.

### 3.0 COMPLIANCE DEMONSTRATION AND MONITORING

- 3.1 Monitoring Requirements** The permittee must comply with the following monitoring requirements: [LRAPA 32-007(1)]
- a. Inspect plant operations and associated air contaminant control devices at least annually to ensure compliance with this permit.
  - b. Documents the operations and maintenance of the plant including associated air contaminant control devices. All operating and maintenance logs are to be maintained at the site and made available when requested.
  - c. Conduct weekly visual emission observations of the plant and associated air contaminant control devices. If visible emissions exceed a standard or limit in Condition 2.0, the permittee is to take immediate corrective actions. The visual observation and corrective actions are to be maintained in a log at the plant site and made available when requested.
- 3.2 Visible Emissions and Particulate Matter Emission** The permittee must demonstrate compliance with the visible emissions and particulate matter emission standards contained in Condition 2.2 and 2.3: [LRAPA 30.045(1) and (2)]
- 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
- 3.3 Compliance Demonstration Procedures** As proof of compliance the permittee may submit to the LRAPA:
- a. A source test conducted in accordance with DEQ's Source Sampling Manual; or, [LRAPA 30-060(1)(a)]
  - b. The results of testing performed on a crematory incinerator the LRAPA agrees is comparable to the incinerator in question. [LRAPA 35-060(1)(b)]
- 3.4 Temperature Monitoring Requirement** The permittee must operate and maintain continuous monitoring for final combustion chamber exit temperature for all crematory incinerators. 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 Conditions 2.5. [LRAPA 30-055(1)-(3)]

### 4.0 RECORDKEEPING AND REPORTING REQUIREMENTS

- 4.1 Records** The permittee must maintain records of the following information for at least five (5) years from the date of the record: [LRAPA 34-016]
- 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 incinerate each calendar month.

- c. The information identified in Condition 3.0
- d. Written log of all air quality or nuisance complaints and how each complaint was handled.

- 4.2 Reports** The permittee is required to report to LRAPA by **February 15<sup>th</sup>** of each year the following information: [LRAPA 34-016(2)]
- a. The tons of material incinerated each calendar month.
  - b. Written log of all air quality or nuisance complaints and how each complaint and handled.
- 4.3 Permit Renewal** A permittee that wishes to remain covered by this permit must submit an application to renew the permit at least 30 days before the expiration date listed on this permit. The application must be sent to LRAPA office at the address Condition 4.6. [LRAPA 37-0040(2)(b)(A)]
- 4.4 Construction or Modification Notices** The permittee must notify LRAPA before adding new and modifying existing equipment to the extent that process equipment is substantially changed or added to, or emissions are significantly changed or increased. [LRAPA 37-0040(3)]
- 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 regional office identified on the cover page of the permit.

Lane Regional Air Protection Agency  
1010 Main Street  
Springfield, Oregon 97477

**5.0 FEES**

- 5.1 Fees** The Annual Basic ACDP fee specified in LRAPA Section 37-8020, Table 2, Part 2 and 3 for a Basic ACDP is due on **December 1<sup>st</sup>** 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. [LRAPA 37-0056(2)]

**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. [LRAPA 32-050]
- 6.2 Outdoor Burning**      The permittee may not conduct any outdoor burning except as allowed by LRAPA Title 47.
- 6.3 Asbestos**      The permittee must comply with the asbestos abatement requirement in LRAPA Title 43 for all activities involving asbestos-containing materials, including but not limit to, demolition, renovation, repair, construction, and maintenance.
- 6.4 Permit Availability**      The permittee must have a copy of the permit available at all times.
- 6.5 LRAPA Access**      The permittee must all LRAPA's employees and 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 Property Rights**      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**      LRAPA may modify or revoke this permit as authorized under LRAPA Section 37-0082 and 37-0084.
- 6.8 LRAPA Contact**      Call the LRAPA office in Springfield at (541) 736-1056.

Lane Regional Air Protection Agency

**BASIC  
 AIR CONTAMINANT DISCHARGE PERMIT  
 REVIEW REPORT**

Rest-Haven Memorial Park Funeral Home  
 3900 Willamette Street  
 Eugene, Oregon 97405  
 (541) 345-8521

Reports			NSPS	NESHAP	Public Notice
Annual	Semi-annual	Excess Emissions			
Feb 15	NA	X	NA	NA	1

- The proposed permit is a renewal for an existing Air Contaminant Discharge Permit (ACDP) which was issued on April 15, 2010 and was originally scheduled to expire on April 15, 2020.
- The permittee operates a crematory incinerator. The facility was initially permitted in 1974. LRAPA approved construction on November 2, 1993, for the installation of a new crematory unit. A description of the processes, equipment, and activities is provided application below:
 

The facility operates an "All" Crematory unit model No. L-2001. The crematory, fueled by natural gas, was put in service in 1993. Emissions are controlled, as required by regulation, by an afterburner and exhaust gases from the afterburner are vented to atmosphere.

A performance stack test for particulate matters, as required by regulation, was performed by Horizon Engineering on May 19, 1994. The result of the stack test was 0.033 gr/dscf corrected to 7% O<sub>2</sub>.
- Notice of Non-Compliance (NON) 2130 was issued to Rest-Haven on November 21, 2000, for open-burning violation related to land-clearing activities. LRAPA proceeded with Notice of Violation and Civil Penalty (NCP) 00-2130 for the violations. NCP 00-2130 included a civil penalty in the amount of \$240. On February 14, 2001, the NCP 00-2130 file was closed after LRAPA received payment of the \$240 civil penalty.
- This facility qualifies for a Basic ACDP because the production will be less than 20 tons per year material input.
- The source is located in an attainment area for PM, PM<sub>2.5</sub>, NO<sub>x</sub>, SO<sub>2</sub> and VOC, and a maintenance area for PM<sub>10</sub> and CO.

6. 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<sub>10</sub> 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.
7. Pursuant to LRAPA 37-0056(4), issuance of a new or renewed Basic Air Contaminant Discharge Permit requires public notice in accordance with LRAPA 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.

BE:rr  
Document1  
3/3/2020