

**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:**

Oregon State Hospital  
29398 Recovery Way  
Junction City, OR 97448

**INFORMATION RELIED UPON:**

Application No.: 60648  
Date Received: 08/06/15

**PLANT SITE LOCATION:**

29398 Recovery Way  
Junction City, OR 97448

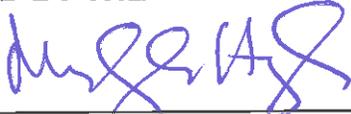
**LAND USE COMPATIBILITY STATEMENT:**

Approving Authority: Lane County  
Approval Date: 05/11/2009

**FACILITY PREVIOUSLY REFERRED TO AS:**

Junction City Prison

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



Merlyn L. Hough, Director

FEB 10 2016

Dated

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

Table 1 Code	Source Description	SIC
Part A, 2	Boilers and other fuel burning equipment (with or without #2 diesel back up) of 2.5 or more but less than 10 million Btu per hour heat input.	4961

## 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air contaminant source(s) listed on the first page of this permit until this permit expires, is modified, revoked or rescinded as long as the permittee complies with the conditions of this permit.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 GENERAL EMISSION STANDARDS AND LIMITS

- 2.1 Visible emission limits** Emissions from any air contaminant source must not equal or exceed 20% opacity as a six-minute block average. "Opacity" means the degree to which an emission reduces transmission of light and obscures the view of an object in the background.
- 2.2 Particulate Matter Weight Standards** Emissions from any air contaminant source must not exceed 0.14 grain per dry standard cubic foot of exhaust gas, adjusted to 50 percent excess air or calculated to 12 percent carbon dioxide.
- 2.3 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.
- 2.4 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.
- 2.5 Other Regulations** In addition to the specific requirements listed in this permit, the permittee must comply with all other legal requirements enforceable by LRAPA.
- 2.6 Boiler Area Source NESHP** The permittee must burn only natural gas in the boiler and burn liquid fuel only during periods of gas curtailment, gas supply interruption, startups, or periodic testing on liquid fuel. Periodic testing of liquid fuel shall not exceed a combined total of 48 hours during any calendar year. [40 CFR 63.11237, definition of "Gas-fired boiler"]

### 3.0 RECORDKEEPING AND REPORTING REQUIREMENTS

- 3.1 Records** The permittee must maintain records of the information identified in Condition 3.2 for at least 2 years from the date of the record.
- 3.2 Reports** The permittee is required to report to LRAPA by **February 15<sup>th</sup>** of each year the amount of natural gas (cubic feet) and distillate oil (gallons) burned in the boiler(s) during the previous calendar year. The permittee must also record and report the hours of operation that the boiler was operated for periodic testing of liquid fuel during the calendar year.
- 3.3 Permit Renewal** An application to renew the permit is due 30 days prior to the expiration date.
- 3.4 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.
- 3.5 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.
- 3.6 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.
- ### 4.0 FEES
- 4.1 Fees** The Annual Fee specified in LRAPA Section 37-0020, Table 2, Part 2 for a Basic ACDP is due by **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.

## 5.0 GENERAL CONDITIONS

- 5.1 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.
- 5.2 Open Burning** The permittee may not conduct any open burning except as allowed by LRAPA Title 47.
- 5.3 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.
- 5.4 Permit Availability** The permittee must have a copy of the permit available at all times.
- 5.5 LRAPA Inspections** The permittee must allow the 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.
- 5.6 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.
- 5.7 Permit Revocation** This permit is subject to revocation for cause as provided in LRAPA Section 37-0082.
- 5.8 LRAPA Contact** Call the LRAPA office in Springfield at (541) 736-1056.

Lane Regional Air Protection Agency

**BASIC  
 AIR CONTAMINANT DISCHARGE PERMIT  
 REVIEW REPORT**

Oregon State Hospital  
 29398 Recovery Way  
 Junction City, OR 97448  
 541-465-2670

Reports			NSPS	NESHAP	Public Notice
Annual	Semi-annual	Excess Emissions			
February 15 <sup>th</sup>	N/A	N/A	N/A	N/A	Category I

1. The proposed permit is a change of permit type from an existing General 2 Air Contaminant Discharge Permit (ACDP) application received on 05/20/09. The permit issue was postponed until the installation of the facility's boiler. The boiler was installed on 01/01/15, at which point the boiler rating changed from the initial application such that the facility qualifies for a Basic ACDP. The application for the permit type change and the official name change from the Junction City Prison to the Oregon State Hospital was received on 10/07/15.
2. The permittee operates a 3.0 MMBtu/hour, natural gas-fired, low NOx boiler at its state-operated psychiatric facility for adults. The facility started construction in 2013 and finished in 2015. The boiler serves as the facility's back-up heat source that will run only for emergencies and maintenance testing.
3. This facility qualifies for a Basic ACDP because the fuel burning equipment is estimated to have more than 2.5 but less than 10 million Btu per hour heat input.
4. The source is not subject to the requirements specified in the area source NESHAP for Industrial, Commercial, and Institutional Boilers (40 CFR 63 Subpart JJJJJJ) due to the operation of a natural gas boiler as defined by 40 CFR 63.11195(e). To continue to be classified as a natural gas boiler, the NESHAP allows burning liquid fuel only during periods of gas curtailment, gas supply interruption, startups, or periodic testing on liquid fuel. Periodic testing of liquid fuel is required to be limited to a combined total of 48 hours during any calendar year.
5. The source is located in an attainment area for all pollutants.
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. The facility is required to record and report annually the amount of natural gas (cubic feet) and distillate oil (gallons) burned in the boiler. The permittee must also record and report the hours of operation that the boiler was operated for periodic testing of liquid fuel during the calendar year. The reported amounts will be used by LRAPA to estimate actual emission and confirm that the facility qualifies for the Basic ACDP.
8. 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.

ke: rcl  
2/10/2016