

AIR CONTAMINANT DISCHARGE PERMIT

Department of Environmental Quality  
Eastern Region, Bend Office  
2146 N.E. 4th Street, Suite 104  
Bend, OR 97701  
Telephone: (541) 388-6146

Issued in accordance with the provisions of ORS 468A.040 and based  
on the land use compatibility findings included in the permit record.

ISSUED TO:

Ostrander Resources Company  
P.O. Box 1340  
Lakeview, OR 97630

INFORMATION RELIED UPON

Application No.: 016559  
Date Received: 8/22/1997

PLANT SITE LOCATION:

Fremont Sawmill  
Missouri Ave.  
Lakeview, OR 97630

LAND USE COMPATIBILITY STATEMENT

From: Lake County Planning and Town of Lakeview  
Date: 3/24/1989 and 3/27/1989

ISSUED BY THE DEPARTMENT OF ENVIRONMENTAL QUALITY

  
Stephanie Hallock, Eastern Region Administrator

April 29, 1998  
Dated

Source(s) Permitted to Discharge Air Contaminants:

<u>TYPE OF FACILITY (FROM TABLE 4, OAR 340-28-1750)</u>	<u>STANDARD INDUSTRY CODE</u>
10.a. Sawmill and Planing Mill, greater than 25,000 bd ft/shift	2421
60. Fuel Burning Equipment, outside AQMA wood-fired, greater than 30 million Btu/hr	4961

PERMITTED ACTIVITIES

1. The permittee is herewith allowed to discharge exhaust gases containing air contaminants only in accordance with the permit application and the limitations contained in this permit. Until such time as this permit expires or is modified or revoked, the permittee is herewith allowed to discharge exhaust gases from those processes and activities directly related or associated thereto in accordance with the requirements, limitations, and conditions of this permit from the air contaminant source(s) listed above.

2. Compliance with the specific requirements, limitations and conditions contained herein does not relieve the permittee from complying with all other laws, rules and standards administered by the Department, nor does it allow significant levels of emissions of air contaminants not limited in this permit or contained in the permit application.

**PERFORMANCE STANDARDS AND EMISSION LIMITS**

3. Particulate emissions from any single air contaminant source (except for fuel burning equipment) shall not exceed any of the following:
- a. 0.2 grains per standard cubic foot, for sources existing prior to June 1, 1970;
  - b. 0.1 grains per standard cubic foot, for sources installed, constructed, or modified after June 1, 1970; and
  - c. An opacity equal to or greater than twenty percent (20%) for a period aggregating more than three (3) minutes in any one (1) hour, excluding uncombined water vapor.
4. The permittee shall operate and control the steam generating boiler(s) in accordance with the following list of boiler operating parameters and emission limitations:

Maximum Emission Limits				
Boiler Identification	Fuel Used	Opacity <sup>1</sup>	Particulates <sup>2</sup>	Maximum Operation <sup>3</sup>
#1 Wellons	Hogged Wood Waste	20	0.1	24,000
#2 Wellons	Hogged Wood Waste	20	0.1	24,000

- (1) Maximum opacity that shall not be equaled or exceeded for a period or periods aggregating more than three minutes in any one hour, excluding uncombined water vapor.
  - (2) Particulate emission limitation is stated in grains per standard cubic foot, corrected to 12% carbon dioxide.
  - (3) Maximum hourly average steam production (pounds per hour).
5. The permittee shall not operate the boilers with any fuels other than those fired during the Department approved emissions source test.
6. The permittee shall not allow the emission of odorous matter or other fugitive emissions so as to create nuisance conditions off the permittee's property. Nuisance conditions will be verified by Department personnel. The creation of nuisance conditions may, in addition to any other action the Department may take, result in a permit modification to require a compliance schedule to control the nuisance conditions.
7. The permittee shall minimize fugitive dust emissions by:
- a. Treating vehicular traffic areas of the plant site under the control of the permittee.
  - b. Storing collected material from air pollution control equipment in a covered container or other method equally effective in preventing the material from becoming airborne during storage and transfer.

**PLANT SITE EMISSION LIMITS**

8. Emissions from the sources listed shall not exceed the following:

Source	PM		PM <sub>10</sub>		CO		NO <sub>x</sub>		SO <sub>2</sub>		VOC	
	lb/hr	ton/yr	lb/hr	ton/yr	lb/hr	ton/yr	lb/hr	ton/yr	lb/hr	ton/yr	lb/hr	ton/yr
Boilers	14	58	12.4	52	15.8	66	14.9	62	0.7	3	1	4
Cyclones	11	12	5.6	6	---	---	---	---	---	---	---	---
Kilns	---	---	---	---	---	---	---	---	---	---	50	60
<b>TOTALS</b>	<b>25</b>	<b>70</b>	<b>18</b>	<b>58</b>	<b>15.8</b>	<b>66</b>	<b>14.9</b>	<b>62</b>	<b>0.7</b>	<b>3</b>	<b>51</b>	<b>64</b>

Note: Target boxes and other wood dust emission points are included with cyclone emissions.

The PSEL for the boilers is based on a combined annual production of 400,000,000 pounds of steam at a maximum hourly steam production of 24,000 pounds per boiler. The cyclone PSEL is based on 34,058 bone dry tons (BDT)/year and 18 BDT/hr of material processed through the cyclones, 47,016 BDT/yr and 15 BDT/hr of material processed through the target boxes, and 23,545 BDT/yr and 6 BDT/hr of material processed through the wigwag. The Plant Site Emission Limit for the kilns is based on 60,000,000 board feet of lumber dried in the kilns. Any increases above these levels must receive the prior approval of the Department.

**SOURCE TESTING REQUIREMENTS**

9. By no later than December 31, 2000, the permittee shall demonstrate that each hogged fuel boiler is capable of operating at its maximum operating capacity in continuous compliance with Conditions 4 and 8 by conducting a source test for particulate, PM<sub>10</sub>, NO<sub>x</sub>, and CO emissions.

All tests shall be conducted in accordance with the testing procedures on file at the Department and with the pretest plan submitted at least 15 days in advance and approved by the Source Test Coordinator in the Eastern Region of the Department in Bend (unless otherwise notified). Test data and results shall be submitted for review to the Source Test Coordinator within 30 days after testing.

Only regular operating staff may adjust the combustion system and emission control parameters during the source performance tests and within two (2) hours prior to the tests. Any operating adjustments made during the source performance tests, which are a result of consultation during the tests with source testing personnel, equipment vendors or consultants, may render the source performance test invalid.

During the source test the following parameters should be monitored and recorded:

- a. Opacity readings on the exhaust stack following the procedures of EPA Method 9.
- b. Steam flow rate.
- c. Type of fuel or physical characteristics of the fuel, including species of wood/bark, percent fines (less than 1/8"), and moisture content (wet basis).
- d. Process operating parameters during the emissions source test, including but not limited to time and frequency of grate cleaning.

### MONITORING REQUIREMENTS

10. The permittee shall effectively inspect and monitor the operation and maintenance of the plant and associated air contaminant control facilities and shall implement the procedures necessary to monitor and record the following parameters. A record of all such data shall be maintained for a period of two years at the plant site for inspection by the authorized representatives of the Department. All required continuous monitoring shall be conducted in accordance with a Department approved plan, which must be submitted within sixty (60) days of permit issuance.
- a. All operating and production parameters to be reported to the Department annually as required in Condition 11.
  - b. Excess emissions records as defined in OAR 340-28-1400 through 340-28-1440 (recorded on occurrence).
  - c. A description of any maintenance to the air contaminant control system (recorded on a occurrence).

### REPORTING REQUIREMENTS

11. The permittee shall submit to the Department by January 15 of each year this permit is in effect three (3) copies of the following information for the preceding calendar year:
- a. Operating parameters:
    - i) Sawmill production (board feet).
    - ii) Type and amount of fuel burned in boiler (BDT/yr) (include average moisture content of wood).
    - iii) Annual steam production of each boiler (lbs/yr).
    - iv) Maximum hourly steam production of each boiler (lbs/hr).
    - v) Annual and maximum hourly throughput for cyclones and target box (BDT, include calculation protocol if direct measurements are not used).
    - vi) Total lumber dried in kilns (brd ft/yr).
  - b. A log of all planned and unplanned excess emissions in accordance with OAR 340-28-1440.
  - c. Explain any permanent changes made in the plant process or production which would affect air contaminant emissions. (Indicate when changes were made.)
  - d. List all major maintenance performed on air pollution equipment.
  - e. The report shall be sent to the Eastern Region, Bend Office, 2146 N.E. 4th St., Suite 104, Bend, Oregon 97701, unless otherwise notified. The permit number must be prominently displayed on the report.

### FEE SCHEDULE

12. The Annual Compliance Determination Fee for this permit is due on October 1 of each year this permit is in effect. An invoice indicating the amount, as determined by Department regulations, will be mailed prior to the above date. The fee shall be submitted to the Business Office of the Department in Portland (unless otherwise notified).

### GENERAL CONDITIONS AND DISCLAIMERS

- G1. The permittee shall allow Department of Environmental Quality representatives access to the plant site and pertinent records at all reasonable times for the purposes of making inspections, surveys, collecting samples, obtaining data, reviewing and copying air contaminant emission discharge records and otherwise conducting all necessary functions related to this permit in accordance with ORS 468.095.
- G2. The permittee shall have available at the facility at all times a copy of the Air Contaminant Discharge Permit.

- G3. The permittee is prohibited from conducting open burning, except as allowed by OAR 340 Division 23.
- G4. The permittee shall at all times conduct dust suppression measures to meet the requirements set forth in "Fugitive Emissions" and "Nuisance Conditions" in OAR 340-21-050 through 340-21-060.
- G5. In accordance with OAR 340-28-1400 through 340-28-1450, the permittee shall immediately (i.e. as soon as possible but in no case more than one hour after the beginning of the excess emission period) notify the Department by telephone or in person of any excess emission, other than pre-approved startup, shutdown, or scheduled maintenance. Notification shall include the source name, nature of the emissions problem, name of the person making the report, name and telephone number of contact person for further information, date and time of the onset of the upset condition, whether or not the incident was planned, the cause of the excess emission (startup, shutdown, maintenance, breakdown, or other), equipment involved in the upset, estimated type and quantity of excess emissions, estimated time of return to normal operations, efforts made to minimize emissions, and a description of remedial actions to be taken. Follow-up reporting shall be made in accordance with Department direction and OAR 340-28-1430(2) and 340-28-1440.

Notification shall be made to the appropriate regional or branch office. Current Departmental telephone numbers are:

Klamath Falls 883-5603  
Bend 388-6146

In the event of any excess emissions which are of a nature that could endanger public health and occur during nonbusiness hours, weekends, or holidays, the permittee shall immediately notify the Department by calling the Oregon Emergency Response System (OERS). The current number is 1-800-452-0311.

- G6. The permittee shall notify the Department in writing using a Departmental "Notice of Construction" form, or "Permit Application Form", and obtain approval in accordance with OAR 340-28-800 through 340-28-820 before:
- a. Constructing or installing any new source of air contaminant emissions, including air pollution control equipment, or
  - b. Modifying or altering an existing source that may significantly affect the emission of air contaminants, or
  - c. Making any physical change which increases emissions, or
  - d. Changing the method of operation, the process, or the fuel use, or increasing the normal hours of operation to levels above those contained in the permit application and reflected in this permit and which result in increased emissions.
- G7. Application for a modification of this permit must be submitted not less than 60 days prior to the source modification. A Filing Fee and an Application Processing Fee must be submitted with an application for the permit modification.
- G8. The permittee shall notify the Department in writing using a Departmental "Permit Application Form" within 60 days after the following:
- a. Legal change of the registered name of the company with the Corporations Division of the State of Oregon, or
  - b. Sale or exchange of the activity or facility.

Applicable Permit Fees must be submitted with an application for the name change.

- G9. Application for renewal of this permit must be submitted not less than 60 days prior to the permit expiration date. A Filing Fee, an Application Processing Fee and an Annual Compliance Determination Fee must be submitted with the application for the permit renewal.
- G10. 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.
- G11. This permit is subject to revocation for cause as provided in OAR 340-14-045.

ALL INQUIRIES SHOULD BE DIRECTED TO:

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