

Lane Regional Air Pollution Authority  
Minimal Source Air Contaminant Discharge Permit

## REVIEW REPORT

Starfire Lumber Co.

Permit No. 207504

### PERMITTING

#### Permitting Action

1. The permit is a renewal for an existing Air Contaminant Discharge Permit (ACDP) which was issued on July 1, 1993, and was originally scheduled to expire on June 30, 1998. No changes have been made to the permit since the last renewal.

#### Other Permits

2. No other permits have been issued or are required by LRAPA for this source.

#### Attainment Status

3. The source is located in an attainment area for all pollutants.

### SOURCE DESCRIPTION

#### Overview

4. The source operates a planing mill at 2795 Mosby Creek Road in Cottage Grove. The source controls PM (particulate matter)/PM<sub>10</sub> emissions by the use of a cyclone. Total annual production of finished product for the facility is approximately 25 million board feet. The planing mill is primarily used for sorting. Of the 25 million board feet (BF) processed through the planing mill per year, only 1 to 1.5 million BF is surfaced. The facility was issued its first ACDP in 1983. Baseline Emissions were not set in the permit because the source is well below the Significant Emission Rates as listed in Title 38 of LRAPA's Rules and Regulations. The facility operates 2,080 hours per year (8 hours per day, 5 days per week, 52 weeks per year).
5. No changes have been made to the facility since the last permit renewal.

#### Process and Control Devices

6. Existing air contaminant sources at the facility consist of the following:
  - a. 1 Cyclone

### EMISSIONS

7. The pollutants of concern associated with this source type are PM, and PM<sub>10</sub>. Emissions of PM are estimated to be tons per year. The other criteria pollutants are emitted at negligible levels. Emission calculation details are as follows:

Device/Process	Pollutant	Annual Throughput	Emission Factor (lb PM/BDT)*	Emissions lbs/yr
Cyclone	PM	5,100 BDT	0.5	2,550
TOTAL				2,550 = 1.3 tons/yr

\* from DEQ Permitting and Inspection Manual for medium efficiency cyclones.

### MINIMAL PERMIT DETERMINATION

8. The Authority has determined that the source qualifies as a minimal source for the following reasons:
  - a. Emissions from this source are estimated to be less than 5 tons per year of particulate matter and less than 10 tons per year for the criteria gaseous pollutants.
  - b. The facility was inspected on June 21, 1999, and found to be in compliance with permit conditions.

### SPECIAL CONDITIONS

9. The facility is required to use appropriate measures to control dust and other particulate matter.

### NESHAPS/MACT APPLICABILITY

10. There are no sources at this facility for which NESHAPS/MACT standards have been promulgated.

### NSPS APPLICABILITY

11. There are no sources at this facility for which NSPS standards have been promulgated.

### PUBLIC NOTICE

#### Renewal

12. The draft permit was placed on public notice from February 14, 2000, to March 15, 2000. No comments were received during the 30-day comment period.