



**Air Quality**

**TIER II OPERATING PERMIT**

State of Idaho  
Department of Environmental Quality

PERMIT NO.: 017-00003

AQCR: 63

CLASS: A

SIC: 2421

ZONE: 11

UTM COORDINATE (km): 533.3, 5347.5

**1. PERMITTEE**

Louisiana-Pacific Corporation

**2. PROJECT**

Tier II Operating Permit Renewal – Sandpoint PM<sub>10</sub> State Implementation Plan

**3. MAILING ADDRESS**

P.O. Box 249

**CITY**

Sandpoint

**STATE**

Idaho

**ZIP**

83864

**4. FACILITY CONTACT**

Bill McKinley

**TITLE**

Plant Manager

**TELEPHONE**

(208) 772-0505 Ext. 405

**5. RESPONSIBLE OFFICIAL**

Bruce Mallory

**TITLE**

Lumber General Manager

**TELEPHONE**

(503) 821-6263

**6. EXACT PLANT LOCATION**

808 North Boyer Road

**COUNTY**

Bonner

**GENERAL NATURE OF BUSINESS & KINDS OF PRODUCTS**

Dimensional Kiln-Dried Lumber Production

**8. PERMIT AUTHORITY**

This permit is issued according to the *Rules for the Control of Air Pollution in Idaho*, IDAPA 58.01.01.400, and pertains only to emissions of air contaminants, which are regulated by the state of Idaho and to the sources specifically allowed to be operated by this permit.

This permit has been granted on the basis of design information presented in the application and the Idaho Department of Environmental Quality's (the Department) technical analysis of the supplied information. Changes in design or equipment that result in any change in the nature or amount of emissions may be a modification. Modifications are subject to Department review in accordance with Section 58.01.01.200 of the *Rules for the Control of Air Pollution in Idaho*.

KATHERINE B. KELLY, ADMINISTRATOR, AIR QUALITY DIVISION  
DEPARTMENT OF ENVIRONMENTAL QUALITY

DATE ISSUED:

October 31, 2001



AIR QUALITY TIER II OPERATING PERMIT NUMBER: 017-00003

Permittee: Louisiana Pacific Corp.  
Location: Sandpoint, ID

Date Issued: October 31, 2001

~~Date Expired: [REDACTED]~~

~~[REDACTED]~~

PURPOSE

~~[REDACTED]~~

~~[REDACTED]~~

COMMENTS

~~[REDACTED]~~

<del>[REDACTED]</del>	<del>[REDACTED]</del>	<del>[REDACTED]</del>
<del>[REDACTED]</del>	<del>[REDACTED]</del>	<del>[REDACTED]</del>

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2. **KIPPER AND SONS HOG FUEL BOILER**

**EMISSION LIMITS**

2.3 **Boiler Emission Limits**

[REDACTED] nor shall (PM<sub>10</sub>) [REDACTED] emissions exceed any corresponding pound per hour (lb/hr) and ton per year (T/yr) values listed in the appendix of this permit.

2.5 **EFB Baghouse Emission Limits**

PM<sub>10</sub> emissions from the EFB baghouse vent shall not exceed the pound per hour (lb/hr) and ton per year (T/yr) values listed in the Appendix.

**OPERATING REQUIREMENTS**

2.7 **Boiler Operation Limit**

The steam production rate of the Hog Fuel Boiler is currently limited to 65,000 pounds of steam per hour based on a three-hour average. Future steam production rates shall be limited to 120% of the maximum production rate attained during the most recent performance test pursuant to this permit except that no steam production limit shall exceed 75,000 lb/hr based on a three-hour average.



AIR QUALITY TIER II OPERATING PERMIT NUMBER: 017-00003

Permittee: Louisiana Pacific Corp.  
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017-00003

[REDACTED]

2.17 PM<sub>10</sub> Compliance Testing Requirements

PM<sub>10</sub> shall be measured using U.S. Environmental Protection Agency (EPA) Reference Method 5 and EPA Method 202 analysis for particulate "back-half catch," or Department-approved alternative method. If the particulate grain-loading concentration measured in the compliance test is less than or equal to 75% of the particulate grain-loading standard of 0.08 gr/dscf at 8% oxygen, no further testing shall be required under this section of the permit. If the particulate grain-loading concentration measured during the compliance test is greater than 75%, but less than or equal to 90% of the particulate grain-loading standard of 0.08 gr/dscf at 8% oxygen, a second test shall be required in the third year of issuance of this permit. If the particulate grain-loading concentration measured during the compliance test is greater than 90% of the particulate grain-loading standard of 0.08 gr/dscf at 8% oxygen, the permittee shall conduct a compliance test annually.

[REDACTED]

**REPORTING REQUIREMENTS**

2.19 Boiler Operating Rates

The permittee shall submit a semi-annual report to the Department which contains all three-hour rolling average steam production rates for the Hog Fuel Boiler.

[REDACTED]

Permittee: Louisiana Pacific Corp.  
Location: Sandpoint, ID

Date Issued: October 31, 2001

3. CLEAVER-BROOKS NATURAL GAS-FIRED BOILERS

**EMISSIONS LIMITS**

3.2 Boiler Particulate Emissions:

nor shall PM<sub>10</sub> emissions exceed any corresponding lb/hr and T/yr values listed in the appendix of this permit.

Permittee: Louisiana Pacific Corp.  
Location: Sandpoint, ID

Date Issued: October 31, 2001

#### 4. PNEUMATIC CONVEYANCE SYSTEM

#### EMISSIONS LIMITS

##### 4.2 Particulate Emissions Limits

PM<sub>10</sub> emissions from the transfer cyclone vent, truck bin baghouse vent, and truck bin vent shall not exceed any corresponding lb/hr and T/yr values listed in the appendix of this permit.

#### OPERATING REQUIREMENTS

##### 4.4 Truck Bin Baghouse

Operation of the truck bin baghouse shall be continuous at all times during operation of the planer and end trim saws.

#### MONITORING, RECORDKEEPING, AND REPORTING REQUIREMENTS

##### 4.7 Truck Bin Baghouse

The permittee shall maintain records describing the date and actions of all routine and scheduled maintenance activities of the truck bin baghouse. This information shall be maintained onsite for the most recent two-year period and shall be made available to Department representatives upon request.

AIR QUALITY TIER II OPERATING PERMIT NUMBER: 017-00003

Permittee: Louisiana Pacific Corp.  
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5. DRYING KILNS

**EMISSIONS LIMITS**

5.2 Particulate Emissions Limits

PM<sub>10</sub> emissions from the drying kilns shall not exceed any corresponding ID/hr and T/yr values listed in the appendix of this permit.

**OPERATING REQUIREMENTS**

5.4 Drying Kiln Maximum Throughput

The maximum throughput of lumber processed through the dry kilns shall not exceed 214 million board feet per year, based on a 12-month rolling average. The quantity of facility finished lumber produced shall not exceed 200 million board feet per year, based on a 12-month rolling average.

**MONITORING AND RECORDKEEPING REQUIREMENTS**

5.5 Drying Kiln Throughput

Drying kiln throughput shall be monitored on the basis of finished product. The permittee shall record the quantities of finished lumber produced (thousand board feet per month). These records shall be maintained onsite for the most recent two-year period and made available to Department representatives upon request.





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Permittee: Louisiana Pacific Corp.  
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**APPENDIX**

Louisiana Pacific, Sandpoint Palleting Mill  
 Emission Limits<sup>a</sup> - Hourly (lb/hr), and Annual<sup>b</sup> (T/yr)

Source Description	Hourly PM <sub>10</sub> <sup>c</sup> Emissions (lb/hr)	Annual PM <sub>10</sub> <sup>c</sup> Emissions (T/yr)							
Kipper & Sons Hog Fuel Boiler	6.93	30.4							
EFB Baghouse Vent	0.23	1.0							
Natural Gas Boiler #1	0.22	1.0							
Natural Gas Boiler #2	0.22	1.0							
Truck Bin Baghouse Vent	1.24	5.4							
Transfer Cyclone	1.03	4.5							
Lumber Drying Kilns (5 kiln rooms)	5.1	22.5							
Woodwaste Boiler Ash Handling	0.16	0.7							
Truck Bin Loadout Operation	0.51	2.2							
Truck Bin Vent	0.14	0.6							
End Coating Operation	0.1	0.5							
Vehicle Traffic - Paved Areas	0.36	1.6							

<sup>a</sup>As determined by a pollutant-specific U.S. EPA reference method, a Department-approved alternative, or as determined by the Department's emissions estimation methods used in this permit analysis.

<sup>b</sup>As determined by multiplying the actual or allowable (if actual is not available) pound per hour emission rate by the allowable hours per year that the process(es) may operate(s), or by actual annual production rates.

<sup>c</sup>Includes condensables.



