



STATE OF IDAHO
DEPARTMENT OF
ENVIRONMENTAL QUALITY

1410 North Hilton • Boise, Idaho 83706-1255 • (208) 373-0502

Dirk Kempthorne, Governor
Toni Hardesty, Director

July 26, 2005

Certified Mail No. 7005 0390 0003 2968 9911

Gary Sutton
General Manager
Idaho Timber of Boise, LLC
4800 Production Avenue
Boise, ID 83705

RE: Facility ID No. 001-00032, Idaho Timber of Boise, LLC, Boise
Final Permit Letter

Dear Mr. Sutton:

The Idaho Department of Environmental Quality (DEQ) is issuing Permit to Construct (PTC) Number P-050023 to Idaho Timber of Boise, LLC, formerly Idaho Timer Corporation of Boise, Inc., in accordance with IDAPA 58.01.01.200 through 228 (Rules for the Control of Air Pollution in Idaho). This permit is effective immediately.

This permit does not release Idaho Timber of Boise, LLC from compliance with all other applicable federal, state, or local laws, regulations, permits, or ordinances.

Since this project does not significantly change the terms of your permit; therefore, DEQ will not contact you regarding a meeting to discuss the terms of the permit. However, if you wish to meet to discuss the permit terms and requirements, you may contact Tom Krinke of the Boise Regional Office to schedule a meeting. If a meeting is scheduled, DEQ recommends the following representatives attend the meeting: your facility's plant manager, responsible official, environmental contact, and any operations staff responsible for day-to-day compliance with permit conditions.

Pursuant to IDAPA 58.01.23, you, as well as any other entity, may have the right to appeal this final agency action within 35 days of the date of this decision. However, prior to filing a petition for a contested case, I encourage you to call Bill Rogers at (208) 373-0502 to address any questions or concerns you may have with the enclosed permit.

Sincerely,

Martin Bauer, Administrator
Air Quality Division

MB/SYC/sd
Enclosures

Permit No. P-050023



**Air Quality
PERMIT TO CONSTRUCT**

**State of Idaho
Department of Environmental Quality**

PERMIT No.: P-050023

FACILITY ID No.: 001-00032

AQCR: 64

CLASS: B

SIC: 2421

ZONE: 11

UTM COORDINATE (km): 565.2, 4823.2

1. PERMITTEE

Idaho Timber of Boise LLC

2. PROJECT

Permit to Construct Revision – Facility Name Change

3. MAILING ADDRESS

4800 Production Avenue

CITY

Boise

STATE

ID

ZIP

83705

4. FACILITY CONTACT

Gary Sutton

TITLE

General Manager

TELEPHONE

(208) 345-1202

5. RESPONSIBLE OFFICIAL

Gary Sutton

TITLE

General Manager

TELEPHONE

(208) 345-1202

6. EXACT PLANT LOCATION

4800 Production Avenue, Boise, Idaho

COUNTY

Ada

7. GENERAL NATURE OF BUSINESS & KINDS OF PRODUCTS

Planer mill; re-manufacturing facility

8. GENERAL CONDITIONS

This permit is issued according to IDAPA 58.01.01.200, *Rules for the Control of Air Pollution in Idaho*, and pertains only to emissions of air contaminants regulated by the state of Idaho and to the sources specifically allowed to be constructed or modified by this permit.

This permit (a) does not affect the title of the premises upon which the equipment is to be located; (b) does not release the permittee from any liability for any loss due to damage to person or property caused by, resulting from, or arising out of the design, installation, maintenance, or operation of the proposed equipment; (c) does not release the permittee from compliance with other applicable federal, state, tribal, or local laws, regulations, or ordinances; (d) in no manner implies or suggests that the Department of Environmental Quality (DEQ) or its officers, agents, or employees, assume any liability, directly or indirectly, for any loss due to damage to person or property caused by, resulting from, or arising out of design, installation, maintenance, or operation of the proposed equipment.

This permit will expire if construction has not begun within two years of its issue date or if construction is suspended for one year.

This permit has been granted on the basis of design information presented with its application. Changes of design or equipment may require DEQ approval pursuant to the *Rules for the Control of Air Pollution in Idaho*, IDAPA 58.01.01.200, et seq.


TONI HARDESTY, DIRECTOR
DEPARTMENT OF ENVIRONMENTAL QUALITY

DATE ISSUED: July 26, 2005

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Acronyms, Units, and Chemical Nomenclature

AFS	AIRS Facility Subsystem
AIRS	Aerometric Information Retrieval System
AQCR	Air Quality Control Region
CO	carbon monoxide
DEQ	Department of Environmental Quality
HAPs	hazardous air pollutants
IDAPA	a numbering designation for all administrative rules in Idaho promulgated in accordance with the Idaho Administrative Procedures Act
km	kilometer
NO_x	nitrogen oxides
PM	particulate matter
PM₁₀	particulate matter with an aerodynamic diameter less than or equal to a nominal 10 micrometers
PTC	permit to construct
Rules	Rules for the Control of Air Pollution in Idaho
SIC	Standard Industrial Classification
SO₂	sulfur dioxide
T/d, T/yr	tons per day, tons per year
UTM	Universal Transverse Mercator
VOC	volatile organic compound

AIR QUALITY PERMIT TO CONSTRUCT NUMBER: P-050023

Permittee: Idaho Timber of Boise, LLC	Facility ID No. 001-00032	Date Issued: July 26, 2005
Location: Boise, Idaho		

1. PERMIT TO CONSTRUCT SCOPE

Purpose

- 1.1 This permit to construct revision is a facility name change. The facility was formerly named Idaho Timber Corp. of Boise. The facility's new name is Idaho Timber of Boise, LLC. This permit revision does not result in an emissions increase.
- 1.2 This revised permit replaces PTC No. P-020018, issued August 18, 2003, the terms and conditions of which shall no longer apply.

Regulated Sources

Table 1.1 lists all sources of regulated emissions in this PTC.

Table 1.1 REGULATED EMISSIONS SOURCES

Permit Section	Source Description	Emissions Control(s)
2	Facility-wide conditions	None
3	Sawmill processes	Building enclosure(s)

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2. FACILITY-WIDE CONDITIONS

2.1 Process Description

The provisions of this section are facility-wide conditions and generally apply to the entire facility.

Emissions Limits

2.2 Opacity Limits

Visible emissions from any point of emissions shall not exceed 20% opacity for a period or periods aggregating more than three minutes in any 60-minute period as required by IDAPA 58.01.01.625. Opacity shall be determined by the procedures contained in IDAPA 58.01.01.625.

Operating Requirements

2.3 Fugitive Emissions Requirements

All reasonable precautions shall be taken to prevent PM from becoming airborne as required in IDAPA 58.01.01.651. In determining what is reasonable, considerations will be given to factors such as the proximity of dust-emitting operations to human habitations and activities and atmospheric conditions that might affect the movement of PM. Some of the reasonable precautions include, but are not limited to, the following:

- Use, where practical, of water or chemicals for control of dust in the demolition of existing buildings or structures, construction operations, the grading of roads, or the clearing of lands.
- Application, where practical, of asphalt, water or suitable chemicals to, or covering of dirt roads, material stockpiles, and other surfaces which can create dust.
- Installation and use, where practical, of hoods, fans and fabric filters, or equivalent systems to enclose and vent the handling of dusty materials. Adequate containment methods should be employed during sandblasting or other operations.
- Covering, where practical, of open-bodied trucks transporting materials likely to give rise to airborne dusts.
- Paving of roadways and their maintenance in a clean condition, where practical.
- Prompt removal of earth or other stored material from streets, where practical.

2.4 Open Burning Rules

The permittee shall comply with the provisions of IDAPA 58.01.01.600-616 to protect public health and welfare from air pollutants resulting from open burning.

2.5 Air Pollution Emergency Rule

The permittee shall comply with the *Air Pollution Emergency Rule* in IDAPA 58.01.01.550-562.

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2.6 Excess Emissions Requirements

The permittee shall comply with the procedures and requirements of IDAPA 58.01.01.130-136 for excess emissions due to start-up, shutdown, scheduled maintenance, safety measures, upsets, and breakdowns.

Monitoring and Recordkeeping Requirements

2.7 Opacity Monitoring and Recordkeeping

The permittee shall conduct a monthly facility-wide inspection of potential sources of visible emissions during daylight hours and under normal operating conditions. The visible emissions inspection shall consist of a see/no see evaluation for each potential source. If any visible emissions are present from any point of emission, the permittee shall either take appropriate corrective action as expeditiously as practicable, or perform a Method 9 opacity test in accordance with the procedures outlined in IDAPA 58.01.01.625. A minimum of 30 observations shall be recorded when conducting the opacity test. If opacity is greater than 20% for a period or periods aggregating more than three minutes in any 60-minute period, the permittee shall take all necessary corrective action and report the exceedance in accordance with IDAPA 58.01.01.130-136. The permittee shall maintain records of the results of each visible emissions inspection and each opacity test when conducted. The records shall include, at a minimum, the date and results of each inspection and test and a description of the following: the permittee's assessment of the conditions existing at the time visible emissions are present (if observed), any corrective action taken in response to the visible emissions, and the date corrective action was taken. A compilation of the most recent two years of data shall be kept on site and shall be made available to DEQ representatives upon request.

2.8 Fugitive Emissions Monitoring and Recordkeeping

The permittee shall conduct a monthly facility-wide inspection of potential sources of fugitive emissions during daylight hours and under normal operating conditions to ensure that the methods used to reasonably control fugitive emissions are effective. If fugitive emissions are not being reasonably controlled, the permittee shall take corrective action as expeditiously as practicable. The permittee shall maintain records of the results of each fugitive emission inspection. The records shall include, at a minimum, the date of each inspection and a description of the following: the permittee's assessment of the conditions existing at the time fugitive emissions were present (if observed), any corrective action taken in response to the fugitive emissions, and the date the corrective action was taken. A compilation of the most recent two years of data shall be kept on site and shall be made available to DEQ representatives upon request.

2.9 Fugitive Dust Complaint Monitoring and Recordkeeping

The permittee shall maintain records of all fugitive dust complaints received. The permittee shall take appropriate corrective action as expeditiously as practicable after receipt of a valid complaint. The records shall include, at a minimum, the date that each complaint was received and a description of the following: the complaint, the permittee's assessment of the validity of the complaint, any corrective action taken, and the date the corrective action was taken. A compilation of the most recent two years of data shall be kept on site and shall be made available to DEQ representatives upon request.

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Reporting Requirements

2.10 Excess Emissions Reporting

Excess emissions reports and notifications required in IDAPA 58.01.01.130-136 shall be sent to the following:

Air Quality Permit Compliance
Department of Environmental Quality
Boise Regional Office
1445 North Orchard
Boise, ID 83706-2239

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3. EMISSIONS UNIT NO. 1 – SAWMILL PROCESSES

3.1 Process Description

The primary purpose of the planing mill is to manufacture high-grade lumber from pre-sawed, low-grade lumber. The process is limited to grading, ripping, trimming, and planing low-grade lumber and/or large boards into high-grade lumber.

3.2 Emissions Control Description

Emissions from the sawmill processes are controlled by building enclosure(s). All fractionated wood (i.e., sawdust, shavings and chips) generated from sawmill processes is collected by vacuum induction and routed through enclosed ducts to the loadout area. Fractionated wood is shipped offsite by truck.

Table 3.1 SAWMILL PROCESSES EMISSIONS CONTROL DEVICE AND EMISSIONS POINT

Emissions Unit(s) / Process(es)	Emissions Control Device	Emissions Point
Sawmill processes	Building enclosure	Cyclone

Emissions Limits

3.3 Process Weight Limits

Emissions of PM from sawmill processes shall comply with the provisions of IDAPA 58.01.01.700-703.

Operating Requirements

3.4 Throughput Limits

The maximum daily throughput of fractionated wood through the cyclone shall not exceed 50 T/d.

Monitoring and Recordkeeping Requirements

3.5 Throughput Monitoring

Each day that the sawmill processes are in operation, the permittee shall monitor and record the total throughput of fractionated wood through the cyclone, in tons, for that day. A compilation of the most recent two years of records shall be kept onsite and shall be made available to DEQ representatives upon request.

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4. PERMIT TO CONSTRUCT GENERAL PROVISIONS

1. The permittee has a continuing duty to comply with all terms and conditions of this permit. All emissions authorized herein shall be consistent with the terms and conditions of this permit and the *Rules for the Control of Air Pollution in Idaho*. The emissions of any pollutant in excess of the limitations specified herein, or noncompliance with any other condition or limitation contained in this permit, shall constitute a violation of this permit and the *Rules for the Control of Air Pollution in Idaho*, and the Environmental Protection and Health Act, Idaho Code §39-101, et seq., and the permittee is subject to penalties for each day of noncompliance.
2. The permittee shall at all times (except as provided in the *Rules for the Control of Air Pollution in Idaho*) maintain in good working order and operate as efficiently as practicable, all treatment or control facilities or systems installed or used to achieve compliance with the terms and conditions of this permit and other applicable Idaho laws for the control of air pollution.
3. The permittee shall allow the Director, and/or the authorized representative(s), upon the presentation of credentials:
 - To enter, at reasonable times, upon the premises where an emissions source is located, or in which any records are required to be kept under the terms and conditions of this permit.
 - At reasonable times, to have access to and copy any records required to be kept under the terms and conditions of this permit, to inspect any monitoring methods required in this permit, and require stack compliance testing in conformance with IDAPA 58.01.01.157 when deemed appropriate by the Director.
4. Nothing in this permit is intended to relieve or exempt the permittee from compliance with any applicable federal, state, or local law or regulation, except as specifically provided herein.
5. The permittee shall notify DEQ, in writing, of the required information for the following events within five working days after occurrence:
 - Initiation of Construction - Date
 - Completion/Cessation of Construction - Date
 - Actual Production Startup - Date
 - Initial Date of Achieving Maximum Production Rate - Production Rate and Date
6. If compliance testing is specified, the permittee must schedule and perform such testing within 60 days after achieving the maximum production rate, and not later than 180 days after initial startup. This requirement shall be construed as an ongoing requirement. The permittee shall not operate the source without testing within 180 days. If testing is not conducted within 180 days after initial startup, then each day of operation thereafter without the required compliance test constitutes a violation. Such testing must strictly adhere to the procedures outlined in IDAPA 58.01.01.157 and shall not be conducted on weekends or state holidays without prior written approval from DEQ. Testing procedures and specific time limitations may be modified by DEQ by prior negotiation if conditions warrant adjustment. DEQ shall be notified at least 15 days prior to the scheduled compliance test. Any records or data generated as a result of such compliance test shall be made available to DEQ upon request.

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7. The provisions of this permit are severable, and if any provision of this permit to any circumstance is held invalid, the application of such provision to other circumstances, and the remainder of this permit, shall not be affected thereby.

8. In accordance with IDAPA 58.01.01.123, all documents submitted to DEQ, including, but not limited to, records, monitoring data, supporting information, requests for confidential treatment, testing reports, or compliance certification shall contain a certification by a responsible official. The certification shall state that, based on information and belief formed after reasonable inquiry, the statements and information in the document(s) are true, accurate, and complete.