



**Air Pollution
TIER II OPERATING PERMIT**

State of Idaho
Department of Environmental Quality

PERMIT NO.: 001-00091

AQCR: 64

CLASS: SM

SIC: 2499

ZONE: 11

UTM COORDINATE (km): 548.67, 4828.22

1. PERMITTEE

Plum Creek Northwest Lumber, Inc.

2. PROJECT

Tier II Operating Permit - Northern Ada County PM₁₀ Maintenance Plan

3. MAILING ADDRESS

P.O. Box 674

CITY

Meridian

STATE

Idaho

ZIP

83642

4. FACILITY CONTACT

Mitchell Leu

TITLE

Environmental Engineer

TELEPHONE

(208) 288-3210

5. RESPONSIBLE OFFICIAL

Michael J. Covey *BILL ARROW*

TITLE

Senior Vice President *ARROW*

TELEPHONE

(208) 288-3210

6. EXACT PLANT LOCATION

240 Taylor, Meridian

COUNTY

Ada

7. GENERAL NATURE OF BUSINESS & KINDS OF PRODUCTS

Wood Products

8. PERMIT AUTHORITY

This permit is issued according to the *Rules for the Control of Air Pollution in Idaho*, Section 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 (Department) technical analysis of the supplied information. Changes in design or equipment, which result in any change in the nature or amount of emissions, may be a modification. Modifications are subject to the Department review in accordance with Section 58.01.01.200 of the *Rules For the Control Of Air Pollution In Idaho*.

ADMINISTRATOR, BOISE REGIONAL OFFICE
DEPARTMENT OF ENVIRONMENTAL QUALITY

DATE ISSUED: July 12, 2002

~~DATE EXPIRES: July 12, 2007~~

REB MASP.TVMB.4005.480

AIR QUALITY TIER II OPERATING PERMIT NUMBER: 001-00091

PERMITEE: PLUM CREEK NORTHWESTERN LUMBER, INC.
LOCATION: MERIDIAN, IDAHO

DATE ISSUED: JULY 12, 2002

Cyclones, Bins, and Vehicle Traffic

~~1. EMISSION LIMITS~~

1.1 Emission Limits

Particulate matter (PM) and particulate matter with an aerodynamic diameter of 10 microns or less (PM₁₀) emissions from the cyclones, storage bins, and vehicle traffic shall not exceed the pounds per hour and the tons per any consecutive twelve month period limits listed in the Appendix of this permit.

~~1.2 Opacity Limits~~

~~Emissions from the cyclones, or any other stack, vent, or functionally equivalent opening, shall not exceed 20 percent opacity for a period or periods aggregating more than three minutes in any 60-minute period as required by IDAPA 58.01.01.625 (Rules for the Control of Air Pollution in Idaho). Opacity shall be determined by the procedure contained in IDAPA 58.01.01.625.~~

1.3 Visible Emission Limits

Visible emissions shall not be observed leaving the property boundary for a period or periods aggregating more than three minutes in any 60-minute period. Visible emissions shall be determined by EPA Reference Method 22, as described in 40 CFR 60, Appendix A, or Department-approved alternative method.

~~2. OPERATING REQUIREMENTS~~

~~2.1 Operating Hours~~

~~2.1.1 The cyclones and storage bins shall be operating within their respective operating and maintenance (O&M) manual and their manufacturer's specifications any time their related process(es) is/are in operation.~~

2.1.2 The permittee shall not operate each cyclone more than 20 hours per any 24-hour period.

~~2.2 Reasonable Control of Fugitive Emissions~~

~~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/or activities and atmospheric conditions that might affect the movement of PM. Some of the reasonable precautions include, but are not limited to, the following:~~

~~2.2.1 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;~~

~~2.2.2 Application, where practical, of asphalt, oil, water or suitable chemicals to, or covering of dirt roads, material stockpiles, and other surfaces which can erode dust;~~

~~2.2.3 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;~~

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- ~~2.2.4~~ Covering, where practical, of open-bodied trucks transporting materials likely to give rise to airborne dusts;
- ~~2.2.5~~ Paving of roadways and their maintenance in a clean condition, where practical; or
- ~~2.2.6~~ Prompt removal of earth or other stored material from streets, where practical.

~~2~~ **MONITORING AND RECORDKEEPING REQUIREMENTS**

~~3.1~~ **Monitor Operation Parameters**

The permittee shall monitor and record the operational hours of each cyclone at the facility for each 24-hour period on a daily basis. The most recent five years' compilation of records shall be kept onsite, in a record, and shall be made available to Department representatives upon request.

~~3.2~~ **Operations and Maintenance Manual Requirements**

~~Within 60 days after startup, the permittee shall have developed an operations and maintenance (O&M) manual for each cyclone and storage bin that describes the procedures followed to comply with General Provision B of this permit and the manufacturer's air pollution control device specifications. This manual shall remain onsite at all times and shall be made available to Department representatives upon request.~~

~~4~~ **REPORTING REQUIREMENTS**

~~4.1~~ **Certification of Documents**

~~All documents submitted to the Department, including but not limited to, records, monitoring data, supporting information, requests for confidential treatment, testing reports, or compliance certifications, 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.~~

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Appendix

Appendix

Plum Creek Northwest Lumber, Inc.

Hourly (lb/hr)^a and Annual^b (T/yr)^c Point Source Emissions Limits^d

SOURCE	PM ₁₀ ^e	
	lb/hr	T/yr
Cyclones	7.6	10.8
Storage Bins		1.0
Vehicle Traffic		1.2
Facility Totals	8.74	13.0

^a Pound per hour

^b As determined by a pollutant-specific U.S. EPA reference method, Department-approved alternative, or as determined by the Department emission estimation methods used in the permit application analysis.

^c Tons per year

^d As determined by multiplying the actual or allowable (if actual is not available) lb/hr emissions rate by the allowable hours per year that the process(es) may operate, or by actual annual production rates.

^e PM₁₀ - particulate matter with an aerodynamic diameter of 10 microns or less.

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GENERAL PROVISIONS

TIER II OPERATING PERMIT GENERAL PROVISIONS

- A. All emissions authorized herein shall be consistent with the terms and conditions of this permit. The emission 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, the *Rules for the Control of Air Pollution in Idaho*, and the Environmental Protection and Health Act, Idaho Code 39-101 et.-seq.
- B. The permittee shall at all times (except as provided in the *Rules for the Control of Air Pollution in Idaho*) maintain and operate in good working order all treatment or control facilities or systems installed or used to achieve compliance with the terms and conditions of this permit and other applicable laws for the control of air pollution.
- C. The permittee shall allow the Director, and/or his authorized representative(s), upon the presentation of credentials:
1. To enter upon the permittee's 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; and
 2. 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 to require stack emissions testing (i.e., performance tests) in conformance with state-approved or accepted EPA procedures when deemed appropriate by the Director.
- D. Except for data determined to be confidential under Section 9-342A, *Idaho Code*, all reports prepared in accordance with the terms of this permit shall be available for public inspection at the appropriate regional office of the Department of Environmental Quality.
- E. 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.
- F. In the event of any change in control or ownership of source(s) from which the authorized emissions emanate, the permittee shall notify the succeeding owner or controller of the existence of this permit by letter, a copy of which shall be forwarded to the Director.
- G. This permit shall be renewable on the expiration date, provided the permittee submits any and all information necessary for the Director to determine the amount and type of air pollutants emitted from the equipment for which this permit is granted. Failure to submit such information within sixty (60) days after receipt of the Director's request shall cause the permit to be voided.
- H. The Director may require the permittee to develop a list of Operation and Maintenance Procedures to be approved by the Department. Such list of procedures shall become a part of this permit by reference, and the permittee shall adhere to all of the operation and maintenance procedures contained therein.
- I. Performance tests (i.e.; air emissions source tests) conducted pursuant to testing requirements in this permit must be conducted in accordance with IDAPA 58.01.01.157. Such testing shall not be conducted on weekends or state holidays unless the permittee obtains prior Department approval.

The permittee shall submit a proposed test date for each performance test required by this permit to the Department for approval at least fifteen (15) days prior to each respective test date (including each test date for periodic tests such as, for example, annual tests). The permittee shall promptly notify the Department of any change in the proposed test date and shall provide at least five (5) working days advance notice prior to conducting any re-scheduled test, unless the Department approves a shorter notice period.

Within thirty (30) days of the date on which a performance test required by this permit is concluded, the permittee shall submit to the Department a performance test report for the respective test. The performance test report

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shall include any and all process operating data required to be recorded during the test period as well as the test results, raw test data, and associated documentation.

The maximum allowable source operating rate shall be limited to 120% of the average operating rate attained during the most recent performance test conducted pursuant to this permit, for which a test protocol has been granted prior approval by the Department, which demonstrated compliance with the respective pollutant emissions limit unless; (1) a more restrictive operating limit is specified elsewhere in this permit or; (2) at such an operating rate, emissions would exceed any emissions limits set forth in this permit.

- J. 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.