

STATE OF IDAHO PERMIT TO CONSTRUCT AN AIR POLLUTION EMITTING SOURCE	PERMIT NUMBER	
	0 6 9	- 0 0 0 0 1
	AQCR	CLASS SIC
	0 6 2	A 1 2 6 3 1
	ZONE	UTM COORDINATE (km)
	1 1	5 0 1 9 5 1 4 1 3

1. PERMITTEE Potlatch Corporation, Pulp and Paperboard Group, Idaho Division			
2. PROJECT No. 4 and No. 5 Recovery Boiler Saltcake Systems			
3. MAILING ADDRESS 805 Mill Road	CITY Lewiston	STATE Idaho	ZIP CODE 83501
4. SITE LOCATION COUNTY Nez Perce	NO. OF FULL TIME EMPLOYEES 780	PROPERTY AREA AT SITE (Acreage) 808	
5. PERSON TO CONTACT Alan Prouty	TITLE Environmental Engineering Mgr.	TELEPHONE (208) 799-4104	
6. EXACT PLANT LOCATION East of Lewiston, Idaho			
7. GENERAL NATURE OF BUSINESS & KINDS OF PRODUCTS Pulp and Paperboard Manufacturing			

GENERAL CONDITIONS

This permit is issued according to the Rules for the Control of Air Pollution in Idaho, Section 16.01.01.200, and pertains only to emissions of air contaminants that are regulated by the State of Idaho and to the sources specifically allowed to be constructed 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 Idaho Department of Health and Welfare, Division of Environmental Quality (DEQ) or its officers, agents, or employees, assumes 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 is not transferable to another person, place, piece or set of 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 that result in any change in the nature or amount of emissions must be approved in advance by the DEQ unless exempted by the Rules for the Control of Air Pollution in Idaho Sections 220 through 225.

Deville D. Green
 ASSISTANT ADMINISTRATOR
 DIVISION OF ENVIRONMENTAL QUALITY

DATE: January 29, 1997

PERMIT TO CONSTRUCT

P E R M I T N U M B E R

PERMITTEE, PROJECT, AND LOCATION

Potlatch Corporation
 No. 4 and No. 5 Recovery Boiler Saltcake Systems
 Lewiston, Idaho

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SOURCE

No. 4 and No. 5 Recovery Boiler Saltcake Systems

1. EMISSION LIMITS

1.1 Emission Limits

Particulate matter (PM) and particulate matter with an aerodynamic diameter of less than or equal to ten (10) microns (PM₁₀) emissions from the No. 4 and No. 5 recovery boiler saltcake system baghouse stacks shall not exceed any corresponding emission rate limit listed in Appendix A of this permit.

1.2 Visible Emissions

Visible emissions from either the No. 4 or No. 5 recovery boiler saltcake system baghouse stacks shall not exceed twenty percent (20%) opacity for a period or periods aggregating more than three (3) minutes in any sixty (60) minute period as required in IDAPA 16.01.01.625 (Rules for the Control of Air Pollution in Idaho) and as determined using the DEQ's "Procedures Manual for Air Pollution Control", Section II (Evaluation of Visible Emissions Manual).

2. OPERATING REQUIREMENTS

2.1 Throughput Limits

2.1.1 The maximum saltcake throughput of the No. 4 recovery boiler saltcake system shall not exceed five hundred forty-six (546) tons per month, or four thousand two hundred fifty (4,250) tons per year, as per applicant's submittal.

2.1.2 The maximum saltcake throughput of the No. 5 recovery boiler saltcake system shall not exceed one thousand six hundred fifty (1,650) tons per month, or twelve thousand seven hundred fifty (12,750) tons per year, as per applicant's submittal.

2.2 Control Equipment

Emissions of particulate matter from the No. 4 and No. 5 recovery boiler saltcake systems shall each be controlled using an Ultra Industries baghouse (Model BB-16100-AAR-IIG) or equivalent, with a minimum control efficiency of 99.96%.

2.3 Baghouse Specifications

Each saltcake system baghouse shall be installed, operated and maintained in accordance with the manufacturer's recommendations, with the exception of the pressure drop. Each saltcake system baghouse shall be installed, operated and maintained in accordance with the Operations and Maintenance (O&M) manual specified in Section 2.4 of this permit, including the pressure drop, in order to determine compliance with the control efficiencies listed in Section 2.2 of this permit. All manufacturer's specifications, operating and installation instructions shall be kept on-site for as long as each baghouse is used, and made available to DEQ representatives upon request.

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 Lewiston, Idaho

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SOURCE

No. 4 and No. 5 Recovery Boiler Saltcake Systems

2.4 Operations and Maintenance Manual

Within sixty (60) days of receipt of this permit, the permittee shall have developed an O&M manual for the air pollution control device which describes the procedures that will be followed to comply with General Provision B and Section 2.3 of this permit. The O&M manual shall remain on-site at all times and copies shall be made available to DEQ representatives upon request.

3. MONITORING REQUIREMENTS

3.1 Throughput Monitoring

The permittee shall monitor and record monthly, the amount of saltcake fed to the No. 4 recovery boiler mix tank and the No. 5 recovery boiler mix tank from their respective day tanks in tons in order to determine compliance with Sections 2.1.1 and 2.1.2 of this permit. All records shall remain on-site for a minimum two (2) year period and be made available to DEQ representatives upon request.

3.2 Baghouse Pressure Drop

The permittee shall install, calibrate, maintain and operate a monitoring device for the continuous measurement of the pressure drop across each saltcake system baghouse. The pressure monitoring devices shall be certified by the manufacturer to be accurate within one (1) inch of water gauge pressure, and shall be calibrated on an annual basis, in accordance with the manufacturer's instructions. The pressure drops shall be recorded at a minimum of once per day while each recovery boiler saltcake system is operating at normal capacity. All records shall remain on-site for a minimum two (2) year period and be made available to DEQ representatives upon request.

4. REPORTING AND RECORDKEEPING REQUIREMENTS

4.1 Exceedance Reports

The permittee shall submit a written report to DEQ of all exceedances of any emission limit or operational requirement specified in Section 1 and/or 2 of this permit within a reasonable time of the exceedance. The report shall contain the date, time and duration of the exceedance if applicable, as well as any corrective action taken to remedy the cause of the exceedance.

4.2 Certification of Documents

All documents, including, but not limited to, records, monitoring data, supporting information, testing reports or compliance certifications submitted to DEQ shall contain a certification by a responsible official in accordance with IDAPA 16.01.01.123. The certification shall state that, based on information and belief formed after reasonable inquiry, the statements and information in the document are true, accurate, and complete.

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PERMITTEE, PROJECT, AND LOCATION

Potlatch Corporation
 No. 4 and No. 5 Recovery Boiler Saltcake Systems
 Lewiston, Idaho

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SOURCE

No. 4 and No. 5 Recovery Boiler Saltcake Systems

APPENDIX A

No. 4 and No. 5 Recovery Boiler Saltcake Systems
 Potlatch Corporation
 Pulp & Paperboard Group
 Lewiston, Idaho

Hourly (lb/hr) and Annual (T/yr) Emission Limits^a

SOURCE DESCRIPTION	PM		PM-10	
	lb/hr	T/yr	lb/hr	T/yr
No. 4 Recovery Boiler Saltcake System	1.0	2.0	1.0	2.0
No. 5 Recovery Boiler Saltcake System	2.0	5.1	2.0	5.1

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

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PERMIT TO CONSTRUCT GENERAL PROVISIONS

- A. 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 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 and 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 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.
- C. The permittee shall allow the Director, and/or his authorized representative(s), upon the presentation of credentials:
- 1) To enter at reasonable times upon the premises where an emission 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 require stack emission testing in conformance with the DEQ's Procedures Manual for Air Pollution Control when deemed appropriate by the Director.
- D. 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.
- The permittee shall notify the Idaho Division of Environmental Quality, in writing, of the required information for the following events within five working days after occurrence;
- 1) Initiation of Construction - Date
 - 2) Completion/Cessation of Construction - Date
 - 3) Actual Production Start up - Date
 - 4) Initial Date of Achieving Maximum Production Rate - Production Rate and Date
- F. If emission testing is specified, the permittee must schedule such testing within sixty (60) days after achieving the maximum production rate, but not later than one hundred and eighty (180) days after initial start up. Such testing must strictly adhere to the procedures outlined in the DEQ's Procedures Manual for Air Pollution Control, and shall not be conducted on weekends or state holidays without prior written DEQ approval. Testing procedures and specific time limitations may be modified by the DEQ by prior negotiation if conditions warrant adjustment. The DEQ shall be notified at least fifteen (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 the DEQ upon request.
- The maximum allowable operating rate shall be limited to 120% of the average operating rate attained during the performance test period, unless (1) a more restrictive operating limit is specified elsewhere in this permit, or (2) at such an operating rate, emissions would exceed any emission limit(s) set forth in this permit.
- G. 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.

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