



**Montana Department of
ENVIRONMENTAL QUALITY**

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January 10, 2011

Stimson Lumber Company
Darl Hagey
P.O. Box 68
Forest Grove, OR 97116

RE: Stimson Lumber Company's Title V Operating Permit #OP2806-06

Dear Mr. Hagey:

The Department of Environmental Quality has prepared the enclosed Final Operating Permit #OP2806-06, for Stimson Lumber Company, located in Bonner, Montana. Please review the cover page of the attached permit for information pertaining to the action taking place on Permit #OP2806-06.

If you have any questions, please contact Jenny O'Mara, the permit writer, at (406) 444-1452 or by email at jenomara@mt.gov.

Sincerely,

Vickie Walsh
Air Permitting Program Supervisor
Air Resources Management Bureau
(406) 444-9741

Jenny O'Mara
Environmental Engineer
Air Resources Management Bureau
(406) 444-1452

VW:JO:KW

Enclosure

Cc: Christopher Ajayi, US EPA Region VIII 8P-AR
Carson Coate, US EPA Region VIII, Montana Office

STATE OF MONTANA
Department of Environmental Quality
Helena, Montana 59620



AIR QUALITY OPERATING PERMIT OP2806-06

Issued to: Stimson Lumber Company
Bonner Operations
P.O. Box 1120
Bonner, MT 59823

Final Date: **January 8, 2011**

Expiration Date: **January 8, 2016**

Effective Date: **January 8, 2011**

Date of Decision: **December 8, 2010**

End of EPA 45-day Review: **November 29, 2010**

Proposed Issue Date: **October 15, 2010**

Draft Issue Date: **September 13, 2010**

Application Deemed Technically Complete: **July 20, 2009**

Application Deemed Administratively Complete: **July 20, 2009**

Renewal Application Received: **July 20, 2009**

AFS Number: **030-063-001A**

Permit Issuance and Appeal Processes: In accordance with Montana Code Annotated (MCA) Sections 75-2-217 and 218 and the Administrative Rules of Montana (ARM), ARM Title 17, Chapter 8, Subchapter 12, Operating Permit Program, this operating permit is hereby issued by the Department of Environmental Quality (Department) as effective and final on January 8, 2011. This cover sheet must be attached to the Date of Decision issued on December 8, 2010, and the permit must be kept on-site at the above named facility.

Montana Air Quality Operating Permit
Department of Environmental Quality

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Terms not otherwise defined in this permit or in Appendix C to this permit shall have the meaning assigned to such terms in the referenced regulations.

Section I - General Information

Company Name: Stimson Lumber Company

Mailing Address: P.O. Box 1120
Bonner, MT 59823

Plant Name: Bonner Operation **Plant Location:** Highway 200 in Bonner, MT

Plant Legal Location: NE¹/₄ of Section 21, NW¹/₄ of Section 22, Township 13 North, Range 18
West of Missoula County

Plant Mailing Address: P.O. Box 1120, Bonner, MT 59823

Responsible Official: Darl Hagey **Phone:** (406) 258-2100

Facility Contact Person: Darl Hagey **Phone:** (406) 258-2100

Primary SIC Codes: 2421

Nature of Business: Lumber Manufacturing

Description of Process: Stimson's Bonner operation is considered a stud-grade lumber mill. Stimson also operates a wastewater treatment plant at the Bonner site. The treatment plant handles wastewater from the plant as well as a portion of the discharge from the city of Bonner.

Equipment for the sawmill includes: sawmill building, planer baghouse, a hog fuel fired boiler, a natural gas fired boiler, debarkers, cyclones, and indoor and outdoor fuel storage. The byproducts of lumber manufacturing are sawdust, wood chips, planer shavings, and hog fuel. These byproducts may be burned in the hog fuel boiler or stored in bins until the material is sold and transferred off site.

Steam for the facility is provided by a Riley-Stoker hog fuel boiler rated at 200,000 lbs of steam per hour and a wet scrubber controls the boiler exhaust. A Nebraska natural gas-fired boiler rated at 70,000 lbs of steam per hour is used as a backup. Nitrogen oxide emissions from this boiler are controlled by flue gas recirculation.

Section II - Summary of Emission Units

The following emission units are regulated by this permit (ARM 17.8.1211):

Emissions Unit ID	Description	Pollution Control Device/Practice
S05	Sawmill Building	Building provides some PM control
S07	Planer Baghouse #3	Building is control device.
B01	Boiler #1 (Hog Fuel Fired)	Wet Scrubber
B03	Boiler #3 (Natural gas fired)	Flue gas recirculation
F03	Outdoor Fuel Storage Pile	None
F05	A-frame Shavings & Bark Bin Loadout	None
F08	Log Yard Leveling	None
F09	Waste Water treatment Plant	None
F13	Fugitive Emissions: Vehicle Traffic	Unpaved roads are watered as needed to control dust
H01	Vehicle Fueling Tank (Gasoline – 1000 gal)	Submerged Fill Pipes
H03	Maintenance Activities	None
C01	Planer Shavings Cyclone (not in use)	Cyclone is control device
C03	Fines Pipe Cyclone	Cyclone is control device

Section III - Permit Conditions

The following requirements and conditions are applicable to the facility or specific emission units located at the facility (ARM 17.8.1211, 1212, and 1213).

A. Facility Wide

Conditions	Rule Citation	Rule Description	Pollutant/Parameter	Limit/Condition
A.1	ARM 17.8.105	Testing Requirements	Testing Requirements	-----
A.2	ARM 17.8.304(1)	Visible Air Contaminants	Opacity	40%
A.3	ARM 17.8.304(2)	Visible Air Contaminants	Opacity	20%
A.4	ARM 17.8.308(1)	Particulate Matter, Airborne	Fugitive Opacity	20%
A.5	ARM 17.8.308(2)	Particulate Matter, Airborne	Reasonable Precaution	-----
A.6	ARM 17.8.308	Particulate Matter, Airborne	Reasonable Precaution – Construction	20%
A.7	ARM 17.8.309	Particulate Matter, Fuel Burning Equipment	Particulate Matter	$E = 0.882 * H^{-0.1664}$ $E = 1.026 * H^{-0.233}$
A.8	ARM 17.8.310	Particulate Matter, Industrial Processes	Particulate Matter	$E = 4.10 * P^{0.67}$ or $E = 55 * P^{0.11} - 40$
A.9	ARM 17.8.322(4)	Sulfur Oxide Emissions – Sulfur in Fuel	Sulfur in Fuel -- (liquid or solid fuels)	1 lb/MMBtu fired
A.10	ARM 17.8.322(5)	Sulfur Oxide Emissions – Sulfur in Fuel	Sulfur in Fuel --(gaseous)	50 gr/100 CF
A.11	ARM 17.8.324(3)	Hydrocarbon Emissions – Petroleum Products	Gasoline Storage Tanks	Submerged Fill Pipe
A.12	ARM 17.8.752	Emission Control Requirements	Pneumatic Sanderdust & Sawdust Conveying	Bag Filter Control
A.13	ARM 17.8.752	Emission Control Requirements	Paved Portions of General Plant	Must be Maintained
A.14	ARM 17.8.342	NESHAPs General Provisions	SSM Plans	Submittal
A.15	ARM 17.8.1212	Reporting Requirement	Prompt Deviation Reporting	—
A.16	ARM 17.8.1212	Reporting Requirements	Compliance Monitoring	-----
A.17	ARM 17.8.1207	Reporting Requirements	Annual Certification	-----

Conditions

- A.1. Pursuant to ARM 17.8.105, any person or persons responsible for the emission of any air contaminant into the outdoor atmosphere shall, upon written request of the Department, provide the facilities and necessary equipment (including instruments and sensing devices) and shall conduct test, emission or ambient, for such periods of time as may be necessary using methods approved by the Department.

Compliance demonstration frequencies that list “as required by the Department” refer to ARM 17.8.105. In addition, for such sources, compliance with limits and conditions listing “as required by the Department” as the frequency, is verified annually using emission factors and engineering calculations by the Department’s compliance inspectors during the annual emission inventory review; in the case of Method 9 tests, compliance is monitored during the regular inspection by the compliance inspector.

- A.2. Pursuant to ARM 17.8.304(1), Stimson shall not cause or authorize emissions to be discharged into the outdoor atmosphere from any source installed on or before November 23, 1968, that exhibit an opacity of 40% or greater averaged over 6 consecutive minutes unless otherwise specified by rule or in this permit.
- A.3. Pursuant to ARM 17.8.304(2), Stimson shall not cause or authorize emissions to be discharged into the outdoor atmosphere from any source installed after November 23, 1968, that exhibit an opacity of 20% or greater averaged over six consecutive minutes unless otherwise specified by rule or in this permit. During the building of new fires, cleaning of grates or soot blowing, the provisions of (1) and (2) of this rule shall apply, except that a maximum average opacity of 60% is permissible for not more than one, 4 minute period in any 60 consecutive minutes (ARM 17.8.304(3)).
- A.4. Pursuant to ARM 17.8.308(1), Stimson shall not cause or authorize the production, handling, transportation, or storage of any material unless reasonable precautions to control emissions of particulate matter are taken. Such emissions of airborne particulate matter from any stationary source shall not exhibit an opacity of 20% or greater averaged over 6 consecutive minutes, unless otherwise specified by rule or in this permit.
- A.5. Pursuant to ARM 17.8.308(2), Stimson not shall cause or authorize the use of any street, road or parking lot without taking reasonable precautions to control emissions of airborne particulate matter, unless otherwise specified by rule or in this permit.
- A.6. Pursuant to ARM 17.8.308, Stimson shall not operate a construction site or demolition project unless reasonable precautions are taken to control emission of airborne particulate matter. Such emissions of airborne particulate matter from any stationary source shall not exhibit an opacity of 20% or greater average over 6 consecutive minutes, unless otherwise specified by rule or in this permit.
- A.7. Pursuant to ARM 17.8.309, Stimson shall not cause, suffer, allow or permit particulate matter caused by the combustion of fuel to be discharged from any stack or chimney into the outdoor atmosphere in excess of the maximum allowable emissions of particulate matter for existing fuel burning equipment and new fuel burning equipment calculated using the following equations:

For existing fuel burning equipment (installed before November 23, 1968):
 $E=0.882 * H^{0.1664}$

For new fuel burning equipment (installed on or after November 23, 1968):
 $E=1.026 * H^{0.233}$

Where H is the heat input capacity in million british thermal units (MMBtu) per hour and E is the maximum allowable particulate emissions rate in pounds (lbs) per MMBtu.

- A.8. Pursuant to ARM 17.8.310, Stimson shall not cause or authorize particulate matter to be discharged, from any operation, process or activity, into the outdoor atmosphere in excess of the maximum hourly allowable emissions of particulate matter calculated using the following equations:

For process weight rates up to 30 tons per hour: $E = 4.10 * P^{0.67}$
 For process weight rates in excess of 30 tons per hour: $E=55.0 * P^{0.11} - 40$

Where E = rate of emissions in pounds per hour and P = process weight rate in tons per hour.

- A.9. Pursuant to ARM 17.8.322(4), Stimson shall not burn liquid or solid fuels containing sulfur in excess of 1 lb/MMBtu fired unless otherwise specified by rule or in this permit.
- A.10. Pursuant to ARM 17.8.322(5), Stimson shall not burn any gaseous fuel containing sulfur compounds in excess of 50 grains per 100 cubic feet of gaseous fuel, calculated as hydrogen sulfide at standard conditions unless otherwise specified by rule or in this permit.
- A.11. Pursuant to ARM 17.8.324(3), Stimson shall not load or permit the loading of gasoline into any stationary tank with a capacity of 250 gallons or more from any tank truck or trailer, except through a permanent submerged fill pipe, unless such tank is equipped with a vapor loss control device or is a pressure tank as described in ARM 17.8.324(1) unless otherwise specified by rule or in this permit.
- A.12. Pneumatic conveying systems for sanderdust and sawdust shall be equipped with bag filter collectors (ARM 17.8.752).
- A.13. Stimson shall maintain all paved portions of the general plant area (ARM 17.8.752).
- A.14. Pursuant to ARM 17.8.342 and 40 CFR 63.6, Stimson shall submit to the Department a copy of any startup, shutdown, and malfunction (SSM) plan required under 40 CFR 63.6(e)(3) within 30 days of the effective date of this operating permit (if not previously submitted), within 30 days of the compliance date of any new National Emission Standard for Hazardous Air Pollutants (NESHAPs) or Maximum Achievable Control Technology (MACT) standard, and within 30 days of the revision of any such SSM plan, when applicable. The Department requests submittal of such plans in electronic form, when possible.
- A.15. Stimson shall promptly report deviations from permit requirements including those attributable to upset conditions, as upset is defined in the permit. To be considered prompt, deviations shall be reported to the Department using the schedule and content as described in Section V.E (unless otherwise specified in an applicable requirement) (ARM 17.8.1212).
- A.16. On or before February 15 and August 15 of each year, Stimson shall submit to the Department the compliance monitoring reports required by Section V.D. These reports must contain all information required by Section V.D, as well as the information required by each individual emissions unit. For the reports due by February 15 of each year, Stimson may submit a single report, provided that it contains all the information required by Section V.B & V.D. Per ARM 17.8.1207,

any application form, report, or compliance certification submitted pursuant to ARM Title 17, Chapter 8, Subchapter 12 (including semiannual monitoring reports), shall contain certification by a responsible official of truth, accuracy and completeness. This certification and any other certification required under ARM Title 17, Chapter 8, Subchapter 12, shall state that, “based on information and belief formed after reasonable inquiry, the statements and information in the document are true, accurate and complete.”

- A.17. By February 15 of each year, Stimson shall submit to the Department the compliance

certification report required by Section V.B. The annual certification report required by Section V.B must include a statement of compliance based on the information available, which identifies any observed, documented or otherwise known instance of noncompliance for each applicable requirement. Per ARM 17.8.1207,

any application form, report, or compliance certification submitted pursuant to ARM Title 17, Chapter 8, Subchapter 12 (including annual certifications), shall contain certification by a responsible official of truth, accuracy and completeness. This certification and any other certification required under ARM Title 17, Chapter 8, Subchapter 12, shall state that, “based on information and belief formed after reasonable inquiry, the statements and information in the document are true, accurate and complete.”

B. Boiler #1 (B01)

Permit Conditions	Pollutant/Parameter	Permit Limit	Compliance Demonstration Method	Compliance Demonstration Frequency	Reporting
B.1, B.7, B.13, B.17, B.18	Opacity	20%	Method 9	Semiannually	Semiannually
B.2, B.8, B.13, B.15, B.17., B.18	Particulate Matter	$E = 1.026 * H^{-0.233}$	Method 5	Every 4 years	Semiannually
B.3., B.8, B.13, B.15, B.17, B.18	Particulate Matter	0.15 gr/dscf @ 12% CO ₂			
B.4, B.9, B.12., B.17, B.18	Wet Scrubber	Operating	Recordkeeping	As Necessary	Semiannually
B.5., B.10., B.12, B.17, B.18	Boiler Fuel	Wood Waste only except for Start-up	Recordkeeping	Ongoing	Semiannually
B.6., B.11, B.14, B.16., B.17	CAM	ARM 17.8.1506	Provisions from CAM Plan, Appendix E	Ongoing	Semiannually

Conditions

- B.1. Stimson shall not cause or authorize emissions to be discharged into the outdoor atmosphere from any source installed after November 23, 1968 that exhibit an opacity of 20% or greater averaged over 6 consecutive minutes. During the building of new fires, cleaning of grates or soot blowing, the provisions of (1) and (2) of this rule shall apply, except that a maximum average opacity of 60% is permissible for not more than one 4-minute period in any 4 consecutive minutes. Such a 4-minute period means any 4 consecutive minutes (ARM 17.8.304).
- B.2. Stimson shall not cause or authorize particulate matter caused by the combustion of fuel to be discharged from any stack or chimney into the outdoor atmosphere in excess of the maximum allowable emissions of particulate matter for existing fuel-burning equipment and new fuel-burning equipment calculated by $E = 1.026 * H^{-0.233}$ for existing fuel

burning equipment where H = heat input capacity in MMBtu/hr and E = maximum allowable emission rate in lb/MMBtu (ARM 17.8.309).

- B.3. Particulate emissions from the hog fuel boiler shall not exceed 0.15 gr/dscf corrected to 12 % carbon dioxide (ARM 17.8.752).
- B.4. The wet scrubber shall be operated in good working order whenever the hog fuel boiler is fired (ARM 17.8.1201(10)).
- B.5. Stimson shall only combust wood waste in the boiler, except for boiler start-up procedures; in which case, a flame accelerant or oil may be used (ARM 17.8.749).
- B.6. Stimson shall provide a reasonable assurance of compliance with emission limitations or standards for the anticipated range of operations at Boiler #1 for particulate matter (PM) (ARM 17.8.1504).

Compliance Demonstration

- B.7. Stimson shall test the hog fuel boiler for opacity, and monitor compliance with the limitation contained in Section III.B.1, every 6 months. The test shall be performed in accordance with the Montana Source Test Protocol and Procedures Manual, except that prior notification of the test is not required. Each observation period shall be a minimum of six minutes unless any one reading is greater than 20%, then the observation period shall be a minimum of 20 minutes or until a violation of the standard has been documented; whichever is a shorter period of time (ARM 17.8.1213 and ARM 17.8.106).
- B.8. Stimson shall test the hog fuel boiler for particulate matter and monitor compliance with the limitations contained in Sections III.B.2 and III.B.3 of this permit. The test shall be performed on an every 4-year basis. The source tests shall conform to the requirements of the Montana Source Test Protocol and Procedures Manual (ARM 17.8.105 and ARM 17.8.106).
- B.9. Stimson shall monitor the differential pressure (D/P) across the wet scrubber at least once per hour while boiler #1 is operating. If the scrubber D/P drops below 3.5 inches of water, Stimson shall initiate corrective action to restore the pressure drop across the scrubber (ARM 17.8.1213).
- B.10. Stimson shall monitor compliance by maintaining a log of any type of fuel used in Boiler #1 other than wood waste (except for boiler start-up procedures; in which case, a flame accelerant or oil may be used startup) (ARM 17.8.1213).
- B.11. Stimson shall monitor compliance by following the Compliance Assurance Monitoring (CAM) Plan (Appendix E). The CAM Plan, submitted by Stimson in accordance with ARM 17.8.1504, is summarized in Appendix E and is available in full upon request by the Department or the facility (ARM 17.8.1503 and ARM 17.8.1213).

Recordkeeping

- B.12. Stimson shall maintain a log of the operating status of both the boiler and scrubber. The log shall include the following (ARM 17.8.1212):
- a. The operating status of the boiler and the differential pressure across the scrubber on an hourly basis;
 - b. Any corrective action taken performed on the scrubber to restore pressure drop;
 - c. Maintenance activities performed on either piece of equipment, the log shall include the date, time, description of the work, and operator's initials; and
 - d. Any time in which any material, other than wood waste, combusted in the boiler (except during boiler start-up procedures; in which case, a flame accelerant or oil may be used). The log shall include the date, time, fuel type, quantity of material combusted, and operator's initials.
- B.13. All source testing recordkeeping shall be performed in accordance with the Source Test Protocol and Procedures Manual, and shall be maintained on site. Method 9 test reports for opacity need not be submitted unless requested by the Department (ARM 17.8.106).
- B.14. Records shall be prepared and data kept in accordance with ARM 17.8.1513 and the CAM Plan, Appendix E, of this permit (ARM 17.8.1212 and ARM 17.8.1513).

Reporting

- B.15. The Method 5 test report shall be submitted in accordance with the Montana Source Test Protocol and Procedures Manual (ARM 17.8.106).
- B.16. Reporting for the CAM Plan shall be performed according to ARM 17.8.1212(3)(b) and (c) and ARM 17.8.1513 (ARM 17.8.1212 and ARM 17.8.1513).
- B.17. The annual compliance certification reports required in Section V.B. shall contain a certification stating whether Stimson is in compliance with the above-applicable requirements (ARM 17.8.1212).
- B.18. The semiannual reporting shall provide (ARM 17.8.1212):
- a. Results of the Method 9 test; the actual test report need only be submitted to the Department upon request as specified by Section III.B.13;
 - b. Results of any Method 5 tests conducted in the period; the actual test report should be submitted as specified by Section III.B.15;
 - c. A summary of the log required in Section III.B.12, including any instances when the D/P across the wet scrubber fell below 3.5 inches of water and the corrective action taken;
 - d. A summary of any instance in which fuel other than wood waste fuel was used (except during boiler start-up procedures; in which case, a flame accelerant or oil may be used) in the boiler as specified in Section III.B.5.

C. Boiler #3 (B03)

Permit Conditions	Pollutant/ Parameter	Permit Limit	Compliance Demonstration Method Frequency		Reporting
C.1, C.8, C.14, C.18, C.19	Opacity	20%	Natural gas combustion	Ongoing	Semiannually
C.2, C.8, C.14, C.18, C.19	Particulate Matter	$E = 1.026 * H^{-0.233}$			
C.3, C.6, C.8, C.14, C.18, C.19	Fuel Combustion	Combust only Natural Gas	Using Pipeline Quality Natural Gas	Ongoing	Semiannually
C.4, C.9, C.13, C.16, C.18, C.19	Nitrogen Oxides	0.07 lb/MMBtu	Method 7	As Required by the Department and Section III.A.1	Semiannually
C.4., C.10., C.14., C.18, C.19	Flue Gas Recirculation	Operating	Recordkeeping	As Necessary	Semiannually
C.5, C.11, C.13, C.16, C.18, C.19	Carbon Monoxide	0.25 lb/MMBtu	Method 10	As Required by the Department and Section III.A.1	Semiannually
C.6, C.8, C.14, C.18, C.19	Sulfur in Fuel	50 grains per 100 cubic feet	Natural gas combustion	Ongoing	Semiannually
C.7., C.12, C.15., C.17, C.18	40 CFR 60, Subpart Dc	40 CFR 60, Subpart Dc	40 CFR 60, Subpart Dc	40 CFR 60, Subpart Dc	Semiannually

Conditions

- C.1. Stimson shall not cause or authorize emissions to be discharged into the outdoor atmosphere from any source installed after November 23, 1968 that exhibit an opacity of 20% or greater averaged over 6 consecutive minutes. During the building of new fires, cleaning of grates or soot blowing, the provisions of (1) and (2) of this rule shall apply, except that a maximum average opacity of 60% is permissible for not more than one 4-minute period in any 4 consecutive minutes. Such a 4-minute period means any 4 consecutive minutes (ARM 17.8.304).
- C.2. Stimson shall not cause or authorize particulate matter caused by the combustion of fuel to be discharged from any stack or chimney into the outdoor atmosphere in excess of the maximum allowable emissions of particulate matter for existing fuel-burning equipment and new fuel-burning equipment calculated by $E = 1.026 * H^{-0.233}$ for existing fuel burning equipment where H = heat input capacity in MMBtu/hr and E = maximum allowable emission rate in lbs/MMBtu (ARM 17.8.309).
- C.3. Stimson shall only combust natural gas in the Nebraska boiler (ARM 17.8.752).
- C.4. NO_x emissions from the Nebraska boiler shall not exceed 0.07 lb/MMBtu heat input. The boiler shall be equipped with flue gas recirculation for the control of NO_x (ARM 17.8.752).

- C.5. CO emissions from the Nebraska boiler shall not exceed 0.25 lb/MMBtu heat input (ARM 17.8.752).
- C.6. Stimson shall not burn any gaseous fuel containing sulfur compounds in excess of 50 grains per 100 cubic feet of gaseous fuel, calculated as hydrogen sulfide at standard conditions unless otherwise specified by rule or in this permit (ARM 17.8.322).
- C.7. Stimson shall comply with 40 CFR 60, Subpart Dc (ARM 17.8.340 and 40 CFR 60, Subpart Dc).

Compliance Demonstration

- C.8. The compliance monitoring required by this permit for the opacity, particulate, and sulfur compounds in fuel requirements shall consist of burning only pipeline quality natural gas. This does not preclude the Department from initiating an enforcement action if a Reference Method test indicates that one of these limits is being violated, even if only natural gas is being combusted (ARM 17.8.749).
- C.9. As required by the Department and Section III.A.1, Stimson shall perform a stack test in accordance with Reference Method 7 to monitor compliance with the limitation contained in Section III.C.4. The source test must be performed as specified in the Montana Source Test Protocol and Procedures Manual (ARM 17.8.106).
- C.10. Stimson shall maintain the flue gas recirculation system in proper operational condition (ARM 17.8.752).
- C.11. As required by the Department and Section III.A.1, Stimson shall perform a stack test in accordance with Reference Method 10 to monitor compliance with the limitation contained in Section III.C.5. The source test must be performed as specified in the Montana Source Test Protocol and Procedures Manual. (ARM 17.8.106).
- C.12. Stimson shall monitor compliance in accordance with 40 CFR 60, Subpart Dc (ARM 17.8.340 and 40 CFR 60, Subpart Dc).

Recordkeeping

- C.13. All source test recordkeeping shall be performed in accordance with the test method used and the Montana Source Test Protocol and Procedures Manual (ARM 17.8.106).
- C.14. Stimson shall maintain a log of the operating status of both the boiler and flue gas recirculation unit. The log must include the following (ARM 17.8.1212):
 - a. The date, duration, and reason for any boiler and/or flue gas recirculation operational downtime;
 - b. A summary of any maintenance activities performed on either piece of equipment, the log shall include the date, time, operator, and description of the work; and
 - c. Any instance in which fuel other than natural gas combusted in the boiler. The log shall include the date, time, duration, fuel type, quantity of material combusted, and operator's initials (ARM 17.8.1212).

C.15. Stimson shall comply with all the recordkeeping requirements contained in 40 CFR 60, Subpart Dc for the Nebraska Boiler. This includes the type and amount of fuel fired each day (ARM 17.8.340 and 40 CFR 60, Subpart Dc).

Reporting

C.16. Compliance test reports shall be submitted in accordance with the Montana Source Test Protocol and Procedures Manual (ARM 17.8.106).

C.17. Stimson shall comply with all the reporting requirements contained in 40 CFR 60, Subpart Dc for the Nebraska Boiler (ARM 17.8.340 and 40 CFR 60, Subpart Dc).

C.18. The annual compliance report required by Section V.B must contain a certification statement for the above applicable requirements.

C.19. The semiannual reporting shall provide (ARM 17.8.1212):

- a. The results of any compliance source tests conducted in the period on the Nebraska boiler.
- b. Certification of whether the flu gas recirculation unit was operated and maintained as required by Section III.C.4; and
- c. Certification that only natural gas was used in the boiler as specified in Section III.C.2.

D. Material Handling Cyclones

Planer Shavings Cyclone (C01), Fines Pipe Cyclone (C03)

Permit Conditions	Pollutant/Parameter	Permit Limit	Compliance Demonstration		Reporting Requirement
			Method	Frequency	
D.1, D.3, D.5., D.6, D.7, D.8	Opacity	20%	Visual Surveys	Weekly	Semiannually
			Method 9	Semiannually	
D.2, D.4, D.5, D.7, D.8	Particulate Matter	$E = 55 * P^{0.11} - 40$	Method 5	As Required by Department and Section III.A.1	Semiannually

Conditions

D.1. Stimson shall not cause or authorize emissions to be discharged into the outdoor atmosphere from any source installed after November 23, 1968 that exhibit an opacity of 20% or greater averaged over 6 consecutive minutes (ARM 17.8.304).

D.2. The particulate emissions from process weight shall not exceed the value calculated by $E = 55.0 * P^{0.11} - 40$, where E is the rate of emissions in pounds/hour and P is the process weight in tons/hour (ARM 17.8.310).

Compliance Demonstration

- D.3. Stimson shall conduct either a semiannual Method 9 source test or a weekly visual survey of visible emissions on the above cyclones. Under the visual survey option, once per calendar week, during daylight hours, Stimson shall visually survey the cyclones for any visible emissions. If visible emissions are observed during the visual survey, Stimson must conduct a Method 9 source test. The Method 9 source test must begin within one hour of any observation of visible emissions. If visible emissions meet or exceed 15% opacity based on the Method 9 source test, Stimson shall immediately take corrective action to contain or minimize the source of emissions. If corrective actions are taken, then Stimson shall immediately conduct a subsequent visual survey (and subsequent Method 9 source test if visible emissions remain) to monitor compliance. The person conducting the visual survey shall record the results of the survey (including the results of any Method 9 source test performed) in a log, including any corrective action taken. Conducting a visual survey does not relieve Stimson of the liability for a violation determined using Method 9 (ARM 17.8.101(27)).

If the visual surveys are not performed once per calendar week as specified above during the reporting period, then Stimson shall perform the Method 9 source tests on the cyclones for that reporting period.

Method 9 source tests must be performed in accordance with the Montana Source Test Protocol and Procedures Manual, except that prior notification of the test is not required. Each observation period must be a minimum of 6 minutes unless any one reading is 20% or greater, then the observation period must be a minimum of 20 minutes or until a violation of the standard has been documented, whichever is a shorter period of time (ARM 17.8.1213).

- D.4. As required by the Department and Section III.A.1, Stimson shall test the above sources for particulate matter in accordance with Method 5 to monitor compliance with the limitation contained in Section III.D.2. All source tests must be performed as specified in the Montana Source Test Protocol and Procedures Manual (ARM 17.8.1213 and ARM 17.8.106).

Recordkeeping

- D.5. All source test recordkeeping shall be performed in accordance with the Montana Source Test Protocol and Procedures Manual. Method 9 test reports shall be maintained on site and submitted to the Department upon request (ARM 17.8.106 and ARM 17.8.1212).
- D.6. If visual surveys are performed, Stimson shall maintain a log to verify that the visual surveys were performed as specified in Section III.D.3. Each log entry must include the date, time, results of survey (and results of subsequent Method 9, if applicable), and observer's initials. If any corrective action is required, the time, date, observer's initials, and any preventive or corrective action taken must be recorded in the log (ARM 17.8.1212).

Reporting

- D.7. The annual compliance certification reports required in Section V.B. shall contain a certification stating whether Stimson is in compliance with the above applicable requirements.

- D.8. The semiannual reporting shall provide (ARM 17.8.1212):
- a. Any visible emissions noted during weekly visual surveys and any corrective action taken;
 - b. The results of any Method 9 test conducted during the period. The actual test report need only be submitted to the Department upon request as specified by Section III.D.3; and
 - c. The results of any Method 5 test performed during the period. The actual test reports shall be submitted to the Department as required by the Montana Source Test Protocol and Procedures Manual.

E. Fugitive Emissions: Vehicle Traffic (F13)

Permit Conditions	Pollutant/Parameter	Permit Limit	Compliance Demonstration		Reporting Requirement
			Method	Frequency	
E.1, E.3, E.5., E.7., E.8, E.9	Opacity	20%	Visual Surveys	Weekly	Semiannually
			Method 9	Semiannually	
E.2, E.4, E.6., E.8, E.9	Opacity	Reasonable Precaution	Dust Suppressants	As needed	Semiannually

Conditions

- E.1. Stimson shall not cause or authorize the use of any street, road, or parking lot without taking reasonable precautions to control emissions of airborne particulate matter (ARM 17.8.308).
- E.2. Stimson shall treat all portions of the haul roads, access roads, parking lots, and general plant area with water and/or chemical dust suppressants as necessary to maintain compliance with ARM 17.8.308 (ARM 17.8.752).

Compliance Demonstration

- E.3. Stimson shall conduct either a semiannual Method 9 source test or a weekly visual survey of visible emissions of fugitives. Under the visual survey option, once per calendar week, during daylight hours, Stimson shall visually survey for any visible emissions. If visible emissions are observed during the visual survey, Stimson must conduct a Method 9 source test. The Method 9 source test must begin within one hour of any observation of visible emissions. If visible emissions meet or exceed 15% opacity based on the Method 9 source test, Stimson shall immediately take corrective action to contain or minimize the source of emissions. If corrective actions are taken, then Stimson shall immediately conduct a subsequent visual survey (and subsequent Method 9 source test if visible emissions remain) to monitor compliance. The person conducting the visual survey shall record the results of the survey (including the results of any Method 9 source test performed) in a log, including any corrective action taken. Conducting a visual survey does not relieve Stimson of the liability for a violation determined using Method 9 (ARM 17.8.101(27)).

If the visual surveys are not performed once per calendar week as specified above during the reporting period, then Stimson shall perform the Method 9 source tests for that reporting period.

Method 9 source tests must be performed in accordance with the Montana Source Test Protocol and Procedures Manual, except that prior notification of the test is not required. Each observation period must be a minimum of 6 minutes unless any one reading is 20% or greater, then the observation period must be a minimum of 20 minutes or until a violation of the standard has been documented, whichever is a shorter period of time (ARM 17.8.1213).

- E.4. Stimson shall monitor compliance with condition III.E.2 by using water and/or dust suppressants for treating fugitive dust as necessary (ARM 17.8.1213).

Recordkeeping

- E.5. If visual surveys are performed, Stimson shall maintain a log to verify that the visual surveys were performed as specified in Section III.E.2. Each log entry must include the date, time, results of survey (and results of subsequent Method 9, if applicable), and observer's initials. If any corrective action is required, the time, date, observer's initials, and any preventive or corrective action taken must be recorded in the log (ARM 17.8.1212).
- E.6. In cases where water and chemical dust suppressants are used to control the fugitive dust emissions, Stimson shall maintain a log that includes what was applied, a description of the area of application, and the amount of application (gallons) (ARM 17.8.1212).
- E.7. All source test recordkeeping shall be performed in accordance with the Montana Source Test Protocol and Procedures Manual. Method 9 test reports shall be maintained on site and submitted to the Department upon request (ARM 17.8.106 and ARM 17.8.1212).

Reporting

- E.8. The annual compliance certification reports required in Section V.B. shall contain a certification stating whether Stimson is in compliance with the above applicable requirements.
- E.9. The semiannual reporting shall provide (ARM 17.8.1212):
- a. A record of any instances of excessive fugitive emissions and the corrective action taken;
 - b. The results of any Method 9 test performed during the period. The actual test reports shall be submitted to the Department as required by Section III.E.7; and
 - c. Certification that a log of water and/or chemical dust suppressants was maintained as specified in Section III.E.6.

F. Vehicle Fueling Tank (H01)

Gasoline - 1000 gal Capacity

Permit Conditions	Pollutant/ Parameter	Permit Limit	Compliance Demonstration		Reporting Requirement
			Method	Frequency	
F.1, F.2., F.3, F 4..	Hydrocarbon Emissions, Petroleum Products	Use Proper Equipment	Normal Operations	Ongoing	Semiannually

Conditions

F.1. Stimson shall not load or permit the loading of gasoline into any stationary tank with a capacity of 250 gallons or more from any tank truck or trailer, except through a permanent submerged fill pipe, unless such tank is equipped with a vapor loss control device or is a pressure tank as described in ARM 17.8.324(1) unless otherwise specified by rule or in this permit (ARM 17.8.324(3)).

Compliance Demonstration

F.2. Stimson shall monitor compliance with condition III.F.1 by using normal operations and proper equipment when loading fuel into a stationary tank (ARM 17.8.1213).

Recordkeeping

F.3. Stimson shall maintain a log of any corrective action taken with respect to any malfunction that takes place during the loading of fuel in a stationary tank (ARM 17.8.1212).

Reporting

F.4. The annual compliance certification reports, required by Section V.B, shall contain a certification stating whether Stimson is in compliance with the above applicable requirements.

G. Miscellaneous Minor Sources

A-Frame Shavings and Bark Bin Loadout (F05)

Permit Conditions	Pollutant/ Parameter	Permit Limit	Compliance Demonstration		Reporting Requirement
			Method	Frequency	
G.1, G.2, G.3., G.4., G.5, G.6	Opacity	20%	Visual Surveys	Monthly	Semiannually
			Method 9	Semiannually	

Conditions

G.1. Stimson shall not cause or authorize emissions to be discharged into the outdoor atmosphere from any source, that exhibit an opacity of 20% or greater averaged over 6 consecutive minutes (ARM 17.8.304(1)).

Compliance Demonstration

- G.2. Stimson shall conduct either a semiannual Method 9 source test or a weekly visual survey of visible emissions on the shavings and bark bin loadout. Under the visual survey option, once per calendar week, during daylight hours, Stimson shall visually survey the shavings and bark bin loadout for any visible emissions. If visible emissions are observed during the visual survey, Stimson must conduct a Method 9 source test. The Method 9 source test must begin within one hour of any observation of visible emissions. If visible emissions meet or exceed 15% opacity based on the Method 9 source test, Stimson shall immediately take corrective action to contain or minimize the source of emissions. If corrective actions are taken, then Stimson shall immediately conduct a subsequent visual survey (and subsequent Method 9 source test if visible emissions remain) to monitor compliance. The person conducting the visual survey shall record the results of the survey (including the results of any Method 9 source test performed) in a log, including any corrective action taken. Conducting a visual survey does not relieve Stimson of the liability for a violation determined using Method 9 (ARM 17.8.101(27)).

If the visual surveys are not performed once per calendar week as specified above during the reporting period, then Stimson shall perform the Method 9 source tests on the shavings and bark bin load out for that reporting period.

Method 9 source tests must be performed in accordance with the Montana Source Test Protocol and Procedures Manual, except that prior notification of the test is not required. Each observation period must be a minimum of 6 minutes unless any one reading is 20% or greater, then the observation period must be a minimum of 20 minutes or until a violation of the standard has been documented, whichever is a shorter period of time (ARM 17.8.1213).

Recordkeeping

- G.3. If visual surveys are performed, Stimson shall maintain a log to verify that the visual surveys were performed as specified in Section III.G.2. Each log entry must include the date, time, results of survey (and results of subsequent Method 9, if applicable), and observer's initials. If any corrective action is required, the time, date, observer's initials, and any preventive or corrective action taken must be recorded in the log (ARM 17.8.1212).
- G.4. All source test recordkeeping shall be performed in accordance with the Montana Source Test Protocol and Procedures Manual. Method 9 test reports shall be maintained on site and submitted to the Department upon request (ARM 17.8.106).

Reporting

- G.5. The annual compliance certification reports required in Section III.A.16 shall contain a certification stating whether Stimson is in compliance with the above applicable requirements.
- G.6. The semiannual reporting shall provide (ARM 17.8.1212):
- a. Any excessive visible emissions noted during the weekly visual surveys and any corrective action taken; and

- b. The results of any Method 9 test conducted during the period. The actual test report need only be submitted to the Department upon request as specified by Section III.G.2.

H. Fugitive Emissions: Plant-Wide Fuel Combustion

F13 Fugitive Emissions: Plant-Wide Fuel Combustion

Condition(s)	Pollutant/ Parameter	Permit Limit	Compliance Demonstration		Reporting Requirement
			Method	Frequency	
H.1, H.2., H.3., H.4, H.5	Sulfur Oxide Emissions, Sulfur in Fuel	1 lb/MMBtu fired	Burning Fuel Obtained from Licensed Distributors	Ongoing	Semiannual

Conditions

- H.1. Stimson shall not burn liquid or solid fuels containing sulfur in excess of 1 pound per million Btu fired (ARM 17.8.322(4)).

Compliance Demonstration

- H.2. Stimson must burn only gasoline and diesel obtained from licensed petroleum distributors, which meet the sulfur in fuel requirements (ARM 17.8.749).

Recordkeeping

- H.3. Stimson shall maintain a log verifying compliance with the sulfur in fuel requirement in Section III.H.1 (ARM 17.8.1212).

Reporting

- H.4. The annual compliance certification reports required in Section V.B. shall contain a certification statement for the above applicable requirements.
- H.5. The semiannual reports shall provide a summary of the log required in Section III.H.3, specifically if any fuel violated the sulfur in fuel requirement (ARM 17.8.1212).

Section IV - Non-applicable Requirements

Air Quality Administrative Rules of Montana (ARM) and Federal Regulations identified as not applicable to the facility or to a specific emissions unit at the time of the permit issuance are listed below (ARM 17.8.1214). The following list does not preclude Stimson from complying with any new requirement that may become applicable during the permit term.

A. Facility Wide

Rule Citation		Reason
State	Federal	
ARM 17.8.321, ARM 17.8.331, ARM 17.8.332, ARM 17.8.333, ARM 17.8.334, and ARM 17.8.610.		These rules are not applicable because the facility is not listed in the source category cited in the rules.
ARM 17.8.316, ARM 17.8.320 ARM 17.8.324(2), ARM 17.8.324(4)-(6)		These rules are not applicable because the facility does not have the specific emissions unit cited in the rules.
	40 CFR 60, Subparts C, Cb 40 CFR 60, Subparts D, Da, Db 40 CFR 60, Subparts E-Ga 40 CFR 60, Subparts K, Ka, Kb 40 CFR 60, Subparts L-Z 40 CFR 60, Subparts AA-EE 40 CFR 60, Subparts GG-HH 40 CFR 60, Subparts KK-NN 40 CFR 60, Subparts PP-XX 40 CFR 60, Subparts AAA-BBB 40 CFR 60, Subparts DDD 40 CFR 60, Subparts FFF-LLL 40 CFR 60, Subparts NNN-VVV 40 CFR 61, Subparts B-F 40 CFR 61, Subparts H-L 40 CFR 61, Subparts N-R 40 CFR 61, Subparts V-W 40 CFR 61, Subpart Y 40 CFR 61, Subpart BB 40 CFR 61, Subpart FF	These requirements are not applicable because the facility is not an affected source as defined in these regulations.
	40 CFR 63, Subparts F-I 40 CFR 63, Subparts L-M 40 CFR 63, Subpart Q 40 CFR 82, Subparts A-E 40 CFR 82, Subparts G-H	These requirements are not applicable because the facility is not an affected source as defined in these regulations.
	40 CFR Part 72 through 40 CFR Part 78.	These requirements are not applicable because the facility is not an affected source as defined by the acid rain regulations.
	40 CFR Part 68	This rule is not applicable because the facility does not meet the threshold quantity for any regulated substance.

B. Emission Units

Wood Fired Boiler #1 (B01)

40 CFR 60, Subparts D and Da are not applicable to this unit because it was built prior to 1971 and has a heat input capacity of less than 250 MMBtu/hr.

40 CFR 60, Subpart Db is not applicable to this unit because it was built prior to 1974.

Stimson has not requested a shield from any other requirements for individual emission units; therefore, no other shields are provided.

Section V – General Permit Conditions

A. Compliance Requirements

ARM 17.8, Subchapter 12, Operating Permit Program §1210(2)(a)-(c)&(e), §1206(6)(c)&(b)

1. The permittee must comply with all conditions of the permit. Any noncompliance with the terms or conditions of the permit constitutes a violation of the Montana Clean Air Act, and may result in enforcement action, permit modification, revocation and reissuance, or termination, or denial of a permit renewal application under ARM Title 17, Chapter 8, Subchapter 12.
2. The filing of a request by the permittee for a permit modification, revocation and reissuance, or termination, or of a notification of planned changes or anticipated noncompliance does not stay any permit condition.
3. It shall not be a defense for a permittee in an enforcement action that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of the permit. If appropriate, this factor may be considered as a mitigating factor in assessing a penalty for noncompliance with an applicable requirement if the source demonstrates that both the health, safety or environmental impacts of halting or reducing operations would be more serious than the impacts of continuing operations, and that such health, safety or environmental impacts were unforeseeable and could not have otherwise been avoided.
4. The permittee shall furnish to the Department, within a reasonable time set by the Department (not to be less than 15 days), any information that the Department may request in writing to determine whether cause exists for modifying, revoking and reissuing, or terminating the permit, or to determine compliance with the permit. Upon request, the permittee shall also furnish to the Department copies of those records that are required to be kept pursuant to the terms of the permit. This subsection does not impair or otherwise limit the right of the permittee to assert the confidentiality of the information requested by the Department, as provided in 75-2-105, MCA.
5. Any schedule of compliance for applicable requirements with which the source is not in compliance with at the time of permit issuance shall be supplemental to, and shall not sanction noncompliance with, the applicable requirements on which it was based.
6. For applicable requirements that will become effective during the permit term, the source shall meet such requirements on a timely basis unless a more detailed plan or schedule is required by the applicable requirement or the Department.

B. Certification Requirements

ARM 17.8, Subchapter 12, Operating Permit Program §1207 and §1213(7)(a)&(c)-(d)

1. Any application form, report, or compliance certification submitted pursuant to ARM Title 17, Chapter 8, Subchapter 12, shall contain certification by a responsible official of truth, accuracy and completeness. This certification and any other certification required under ARM Title 17, Chapter 8, Subchapter 12, shall state that, based on information and belief formed after reasonable inquiry, the statements and information in the document are true, accurate and complete.
2. Compliance certifications shall be submitted by February 15 of each year, or more frequently if otherwise specified in an applicable requirement or elsewhere in the permit. Each certification must include the required information for the previous calendar year (i.e., January 1 –

December 31).

3. Compliance certifications shall include the following:
 - a. The identification of each term or condition of the permit that is the basis of the certification;
 - b. The identification of the method(s) or other means used by the owner or operator for determining the status of compliance with each term or condition during the certification period, consistent with ARM 17.8.1212;
 - c. The status of compliance with the terms and conditions of the permit for the period covered by the certification, *including whether compliance during the period was continuous or intermittent* (based on the method or means designated in ARM 17.8.1213(7)(c)(ii), as described above); and
 - d. Such other facts as the Department may require to determine the compliance status of the source.
4. All compliance certifications must be submitted to the Environmental Protection Agency, as well as to the Department, at the addresses listed in the Notification Addresses Appendix of this permit.

C. Permit Shield

ARM 17.8. Subchapter 12, Operating Permit Program §1214(1)-(4)

1. The applicable requirements and non-federally enforceable requirements are included and specifically identified in this permit and the permit includes a precise summary of the requirements not applicable to the source. Compliance with the conditions of the permit shall be deemed compliance with any applicable requirements and any non-federally enforceable requirements as of the date of permit issuance.
2. The permit shield described in 1 above shall remain in effect during the appeal of any permit action (renewal, revision, reopening, or revocation and reissuance) to the Board of Environmental Review (Board), until such time as the Board renders its final decision.
3. Nothing in this permit alters or affects the following:
 - a. The provisions of Sec. 7603 of the FCAA, including the authority of the administrator under that section;
 - b. The liability of an owner or operator of a source for any violation of applicable requirements prior to or at the time of permit issuance;
 - c. The applicable requirements of the Acid Rain Program, consistent with Sec. 7651g(a) of the FCAA;
 - d. The ability of the administrator to obtain information from a source pursuant to Sec. 7414 of the FCAA;
 - e. The ability of the Department to obtain information from a source pursuant to the Montana Clean Air Act, Title 75, Chapter 2, MCA;

- f. The emergency powers of the Department under the Montana Clean Air Act, Title 75, Chapter 2, MCA; and
 - g. The ability of the Department to establish or revise requirements for the use of Reasonably Available Control Technology (RACT) as defined in ARM Title 17, Chapter 8. However, if the inclusion of a RACT into the permit pursuant to ARM Title 17, Chapter 8, Subchapter 12, is appealed to the Board, the permit shield, as it applies to the source's existing permit, shall remain in effect until such time as the Board has rendered its final decision.
4. Nothing in this permit alters or affects the ability of the Department to take enforcement action for a violation of an applicable requirement or permit term monitored pursuant to ARM 17.8.106, Source Testing Protocol.
 5. Pursuant to ARM 17.8.132, for the purpose of submitting a compliance certification, nothing in these rules shall preclude the use, including the exclusive use, of any credible evidence or information relevant to whether a source would have been in compliance. However, when compliance or noncompliance is demonstrated by a test or procedure provided by permit or other applicable requirements, the source shall then be presumed to be in compliance or noncompliance unless that presumption is overcome by other relevant credible evidence.
 6. The permit shield will not extend to minor permit modifications or changes not requiring a permit revision (see Sections I & J).
 7. The permit shield will extend to significant permit modifications and transfer or assignment of ownership (see Sections K & O).

D. Monitoring, Recordkeeping, and Reporting Requirements

ARM 17.8, Subchapter 12, Operating Permit Program §1212(2)&(3)

1. Unless otherwise provided in this permit, the permittee shall maintain compliance monitoring records that include the following information:
 - a. The date, place as defined in the permit, and time of sampling or measurement;
 - b. The date(s) analyses were performed;
 - c. The company or entity that performed the analyses;
 - d. The analytical techniques or methods used;
 - e. The results of such analyses; and
 - f. The operating conditions at the time of sampling or measurement.
2. The permittee shall retain records of all required monitoring data and support information for a period of at least 5 years from the date of the monitoring sample, measurement, report, or application. Support information includes all calibration and maintenance records and all original strip-chart recordings for continuous monitoring instrumentation, and copies of all reports required by the permit. All monitoring data, support information, and required reports and summaries may be maintained in computerized form at the plant site if the information is made available to Department personnel upon request, which may be for either hard copies or computerized format. Strip-charts must be maintained in their original form at the plant site and shall be made available to Department personnel upon request.

3. The permittee shall submit to the Department, at the addresses located in the Notification Addresses Appendix of this permit, reports of any required monitoring by February 15 and August 15 of each year, or more frequently if otherwise specified in an applicable requirement or elsewhere in the permit. The monitoring report submitted on February 15 of each year must include the required monitoring information for the period of July 1 through December 31 of the previous year. The monitoring report submitted on August 15 of each year must include the required monitoring information for the period of January 1 through June 30 of the current year. All instances of deviations from the permit requirements must be clearly identified in such reports. All required reports must be certified by a responsible official, consistent with ARM 17.8.1207.

E. Prompt Deviation Reporting

ARM 17.8, Subchapter 12, Operating Permit Program §1212(3)(c)

The permittee shall promptly report deviations from permit requirements, including those attributable to upset conditions as defined in the permit, the probable cause of such deviations, and any corrective actions or preventive measures taken. To be considered prompt, deviations shall be reported to the Department within the following timeframes (unless otherwise specified in an applicable requirement):

1. For deviations which may result in emissions potentially in violation of permit limitations:
 - a. An initial phone notification (or faxed or electronic notification) describing the incident within 24 hours (or the next business day) of discovery; and,
 - b. A follow-up written, faxed, or electronic report within 30 days of discovery of the deviation that describes the probable cause of the reported deviation and any corrective actions or preventative measures taken.
2. For deviations attributable to malfunctions, deviations shall be reported to the Department in accordance with the malfunction reporting requirements under ARM 17.8.110; and
3. For all other deviations, deviations shall be reported to the Department via a written, faxed, or electronic report within 90 days of discovery (as determined through routine internal review by the permittee).

Prompt deviation reports do not need to be resubmitted with regular semiannual (or other routine) reports, but may be referenced by the date of submittal.

F. Emergency Provisions

ARM 17.8, Subchapter 12, Operating Permit Program §1201(13) and §1214(5), (6)&(8)

1. An “emergency” means any situation arising from sudden and reasonably unforeseeable events beyond the control of the source, including acts of God, which situation requires immediate corrective action to restore normal operation and causes the source to exceed a technology-based emission limitation under this permit due to the unavoidable increases in emissions attributable to the emergency. An emergency shall not include noncompliance to the extent caused by improperly designed equipment, lack of reasonable preventive maintenance, careless or improper operation, or operator error.
2. An emergency constitutes an affirmative defense to an action brought for noncompliance with a technology-based emission limitation if the permittee demonstrates through properly signed, contemporaneous logs, or other relevant evidence, that:

- a. An emergency occurred and the permittee can identify the cause(s) of the emergency;
 - b. The permitted facility was at the time being properly operated;
 - c. During the period of the emergency the permittee took all reasonable steps to minimize levels of emissions that exceeded the emission standards or other requirements in the permit; and
 - d. The permittee submitted notice of the emergency to the Department within 2 working days of the time when emission limitations were exceeded due to the emergency. This notice fulfills the requirements of ARM 17.8.1212(3)(c). This notice must contain a description of the emergency, any steps taken to mitigate emissions, and corrective actions taken.
3. These emergency provisions are in addition to any emergency, malfunction or upset provision contained in any applicable requirement.

G. Inspection and Entry

ARM 17.8, Subchapter 12, Operating Permit Program §1213(3)&(4)

1. Upon presentation of credentials and other requirements as may be required by law, the permittee shall allow the Department, the administrator, or an authorized representative (including an authorized contractor acting as a representative of the Department or the administrator) to perform the following:
 - a. Enter the premises where a source required to obtain a permit is located or emissions-related activity is conducted, or where records must be kept under the conditions of the permit;
 - b. Have access to and copy, at reasonable times, any records that must be kept under the conditions of the permit;
 - c. Inspect at reasonable times any facilities, emission units, equipment (including monitoring and air pollution control equipment), practices, or operations regulated or required under the permit; and
 - d. As authorized by the Montana Clean Air Act and rules promulgated thereunder, sample or monitor, at reasonable times, any substances or parameters at any location for the purpose of assuring compliance with the permit or applicable requirements.
2. The permittee shall inform the inspector of all workplace safety rules or requirements at the time of inspection. This section shall not limit in any manner the Department's statutory right of entry and inspection as provided for in 75-2-403, MCA.

H. Fee Payment

ARM 17.8, Subchapter 12, Operating Permit Program §1210(2)(f) and ARM 17.8, Subchapter 5, Air Quality Permit Application, Operation, and Open Burning Fees §505(3)-(5) (STATE ONLY)

1. The permittee must pay application and operating fees, pursuant to ARM Title 17, Chapter 8, Subchapter 5.
2. Annually, the Department shall provide the permittee with written notice of the amount of the fee and the basis for the fee assessment. The air quality operation fee is due 30 days after receipt of the notice, unless the fee assessment is appealed pursuant to ARM 17.8.511. If any portion of the fee is not appealed, that portion of the fee that is not appealed is due 30 days after receipt of the notice. Any remaining fee, which may be due after the completion of an appeal, is due immediately upon issuance of the Board's decision or upon completion of any judicial

review of the Board's decision.

3. If the permittee fails to pay the required fee (or any required portion of an appealed fee) within 90 days of the due date of the fee, the Department may impose an additional assessment of 15% of the fee (or any required portion of an appealed fee) or \$100, whichever is greater, plus interest on the fee (or any required portion of an appealed fee), computed at the interest rate established under 15-31-510(3), MCA.

I. Minor Permit Modifications

ARM 17.8, Subchapter 12, Operating Permit Program §1226(3)&(11)

1. An application for a minor permit modification need only address in detail those portions of the permit application that require revision, updating, supplementation, or deletion, and may reference any required information that has been previously submitted.
2. The permit shield under ARM 17.8.1214 will not extend to any minor modifications processed pursuant to ARM 17.8.1226.

J. Changes Not Requiring Permit Revision

ARM 17.8, Subchapter 12, Operating Permit Program §1224(1)-(3), (5)&(6)

1. The permittee is authorized to make changes within the facility as described below, provided the following conditions are met:
 - a. The proposed changes do not require the permittee to obtain an Montana Air Quality Permit (MAQP) under ARM Title 17, Chapter 8, Subchapter 7;
 - b. The proposed changes are not modifications under Title I of the FCAA, or as defined in ARM Title 17, Chapter 8, Subchapters 8, 9, or 10;
 - c. The emissions resulting from the proposed changes do not exceed the emissions allowable under this permit, whether expressed as a rate of emissions or in total emissions;
 - d. The proposed changes do not alter permit terms that are necessary to enforce applicable emission limitations on emission units covered by the permit; and
 - e. The facility provides the administrator and the Department with written notification at least 7 days prior to making the proposed changes.
2. The permittee and the Department shall attach each notice provided pursuant to 1.e above to their respective copies of this permit.
3. Pursuant to the conditions above, the permittee is authorized to make Sec. 502(b)(10) changes, as defined in ARM 17.8.1201(30), without a permit revision. For each such change, the written notification required under 1.e above shall include a description of the change within the source, the date on which the change will occur, any change in emissions, and any permit term or condition that is no longer applicable as a result of the change.
4. The permittee may make a change not specifically addressed or prohibited by the permit terms and conditions without requiring a permit revision, provided the following conditions are met:
 - a. Each proposed change does not weaken the enforceability of any existing permit conditions;

- b. The Department has not objected to such change;
 - c. Each proposed change meets all applicable requirements and does not violate any existing permit term or condition; and
 - d. The permittee provides contemporaneous written notice to the Department and the administrator of each change that is above the level for insignificant emission units as defined in ARM 17.8.1201(22) and 17.8.1206(3), and the written notice describes each such change, including the date of the change, any change in emissions, pollutants emitted, and any applicable requirement that would apply as a result of the change.
5. The permit shield authorized by ARM 17.8.1214 shall not apply to changes made pursuant to ARM 17.8.1224(3) and (5), but is applicable to terms and conditions that allow for increases and decreases in emissions pursuant to ARM 17.8.1224(4).

K. Significant Permit Modifications

ARM 17.8, Subchapter 12, Operating Permit Program §1227(1), (3)&(4)

1. The modification procedures set forth in 2 below must be used for any application requesting a significant modification of this permit. Significant modifications include the following:
 - a. Any permit modification that does not qualify as either a minor modification or as an administrative permit amendment;
 - b. Every significant change in existing permit monitoring terms or conditions;
 - c. Every relaxation of permit reporting or recordkeeping terms or conditions that limit the Department's ability to determine compliance with any applicable rule, consistent with the requirements of the rule; or
 - d. Any other change determined by the Department to be significant.
2. Significant modifications shall meet all requirements of ARM Title 17, Chapter 8, including those for applications, public participation, and review by affected states and the administrator, as they apply to permit issuance and renewal, except that an application for a significant permit modification need only address in detail those portions of the permit application that require revision, updating, supplementation or deletion.
3. The permit shield provided for in ARM 17.8.1214 shall extend to significant modifications.

L. Reopening for Cause

ARM 17.8, Subchapter 12, Operating Permit Program §1228(1)&(2)

This permit may be reopened and revised under the following circumstances:

1. Additional applicable requirements under the FCAA become applicable to the facility when the permit has a remaining term of 3 or more years. Reopening and revision of the permit shall be completed no later than 18 months after promulgation of the applicable requirement. No reopening is required under ARM 17.8.1228(1)(a) if the effective date of the applicable requirement is later than the date on which the permit is due to expire, unless the original permit or any of its terms or conditions have been extended pursuant to ARM 17.8.1220(12) or 17.8.1221(2);

2. Additional requirements (including excess emission requirements) become applicable to an affected source under the Acid Rain Program. Upon approval by the administrator, excess emission offset plans shall be deemed incorporated into the permit;
3. The Department or the administrator determines that the permit contains a material mistake or that inaccurate statements were made in establishing the emission standards or other terms or conditions of the permit; or
4. The administrator or the Department determines that the permit must be revised or revoked and reissued to ensure compliance with the applicable requirements.

M. Permit Expiration and Renewal

ARM 17.8, Subchapter 12, Operating Permit Program §1210(2)(g), §1220(11)&(12), and §1205(2)(d)

1. This permit is issued for a fixed term of 5 years.
2. Renewal of this permit is subject to the same procedural requirements that apply to permit issuance, including those for application, content, public participation, and affected state and administrator review.
3. Expiration of this permit terminates the permittee's right to operate unless a timely and administratively complete renewal application has been submitted consistent with ARM 17.8.1221 and 17.8.1205(2)(d). If a timely and administratively complete application has been submitted, all terms and conditions of the permit, including the application shield, remain in effect after the permit expires until the permit renewal has been issued or denied.
4. For renewal, the permittee shall submit a complete air quality operating permit application to the Department not later than 6 months prior to the expiration of this permit, unless otherwise specified. If necessary to ensure that the terms of the existing permit will not lapse before renewal, the Department may specify, in writing to the permittee, a longer time period for submission of the renewal application. Such written notification must be provided at least 1 year before the renewal application due date established in the existing permit.

N. Severability Clause

ARM 17.8, Subchapter 12, Operating Permit Program §1210(2)(i)&(l)

1. The administrative appeal or subsequent judicial review of the issuance by the Department of an initial permit under this subchapter shall not impair in any manner the underlying applicability of all applicable requirements, and such requirements continue to apply as if a final permit decision had not been reached by the Department.
2. If any provision of a permit is found to be invalid, all valid parts that are severable from the invalid part remain in effect. If a provision of a permit is invalid in one or more of its applications, the provision remains in effect in all valid applications that are severable from the invalid applications.

O. Transfer or Assignment of Ownership

ARM 17.8, Subchapter 12, Operating Permit Program §1225(2)&(4)

1. If an administrative permit amendment involves a change in ownership or operational control, the applicant must include in its request to the Department a written agreement containing a specific date for the transfer of permit responsibility, coverage and liability between the current and new permittee.

2. The permit shield provided for in ARM17.8.1214 shall not extend to administrative permit amendments.

P. Emissions Trading, Marketable Permits, Economic Incentives

ARM 17.8, Subchapter 12, Operating Permit Program §1226(2)

Notwithstanding ARM 17.8.1226(1) and (7), minor air quality operating permit modification procedures may be used for permit modifications involving the use of economic incentives, marketable permits, emissions trading, and other similar approaches, to the extent that such minor permit modification procedures are explicitly provided for in the Montana State Implementation Plan or in applicable requirements promulgated by the administrator.

Q. No Property Rights Conveyed

ARM 17.8, Subchapter 12, Operating Permit Program §1210(2)(d)

This permit does not convey any property rights of any sort, or any exclusive privilege.

R. Testing Requirements

ARM 17.8, Subchapter 1, General Provisions §105

The permittee shall comply with ARM 17.8.105.

S. Source Testing Protocol

ARM 17.8, Subchapter 1, General Provisions §106

The permittee shall comply with ARM 17.8.106.

T. Malfunctions

ARM 17.8, Subchapter 1, General Provisions §110

The permittee shall comply with ARM 17.8.110.

U. Circumvention

ARM 17.8, Subchapter 1, General Provisions §111

The permittee shall comply with ARM 17.8.111.

V. Motor Vehicles

ARM 17.8, Subchapter 3, Emission Standards §325

The permittee shall comply with ARM 17.8.325.

W. Annual Emissions Inventory

ARM 17.8, Subchapter 5, Air Quality Permit Application, Operation and Open Burning Fees §505 (STATE ONLY)

The permittee shall supply the Department with annual production and other information for all emission units necessary to calculate actual or estimated actual amount of air pollutants emitted during each calendar year. Information shall be gathered on a calendar-year basis and submitted to the Department by the date required in the emission inventory request, unless otherwise specified in this permit. Information shall be in the units required by the Department.

X. Open Burning

ARM 17.8, Subchapter 6, Open Burning §604, 605 and 606

The permittee shall comply with ARM 17.8.604, 605 and 606.

Y. Montana Air Quality Permits

ARM 17.8, Subchapter 7, Permit, Construction and Operation of Air Contaminant Sources §745 and 764 (ARM 17.8.745(1) and 764(1)(b) are STATE ENFORCEABLE ONLY until approval by the EPA as part of the SIP)

1. Except as specified, no person shall construct, install, modify or use any air contaminant source or stack associated with any source without first obtaining a permit from the Department or Board. A permit is not required for those sources or stacks as specified by ARM 17.8.745(1)(a)-(k).
2. The permittee shall comply with ARM 17.8.743, 744, 745, 748, and 764.
3. ARM 17.8.745(1) specifies de minimis changes as construction or changed conditions of operation at a facility holding an MAQP issued under Chapter 8 that does not increase the facility's potential to emit by more than 5 tons per year of any pollutant, except (STATE ENFORCEABLE ONLY until approved by the EPA as part of the SIP):
 - a. Any construction or changed condition that would violate any condition in the facility's existing MAQP or any applicable rule contained in Chapter 8 is prohibited, except as provided in ARM 17.8.745(2);
 - b. Any construction or changed conditions of operation that would qualify as a major modification under Subchapters 8, 9 or 10 of Chapter 8;
 - c. Any construction or changed condition of operation that would affect the plume rise or dispersion characteristic of emissions that would cause or contribute to a violation of an ambient air quality standard or ambient air increment as defined in ARM 17.8.804;
 - d. Any construction or improvement project with a potential to emit more than 5 tons per year may not be artificially split into smaller projects to avoid air quality preconstruction permitting; or
 - e. Emission reductions obtained through offsetting within a facility are not included when determining the potential emission increase from construction or changed conditions of operation, unless such reductions are made federally enforceable.
4. Any facility making a de minimis change pursuant to ARM 17.8.745(1) shall notify the Department if the change would include a change in control equipment, stack height, stack diameter, stack gas temperature, source location or fuel specifications, or would result in an increase in source capacity above its permitted operation or the addition of a new emission unit. The notice must be submitted, in writing, 10 days prior to start up or use of the proposed de minimis change, or as soon as reasonably practicable in the event of an unanticipated circumstance causing the de minimis change, and must include the information requested in ARM 17.8.745(1) (STATE ENFORCEABLE ONLY until approval by the EPA as part of the SIP).

Z. National Emission Standard for Asbestos
40 CFR, Part 61, Subpart M

The permittee shall not conduct any asbestos abatement activities except in accordance with 40 CFR 61, Subpart M (National Emission Standard for Hazardous Air Pollutants for Asbestos).

AA. Asbestos

ARM 17.74, Subchapter 3, General Provisions and Subchapter 4, Fees

The permittee shall comply with ARM 17.74.301, *et seq.*, and ARM 17.74.401, *et seq.* (State only)

BB. Stratospheric Ozone Protection – Servicing of Motor Vehicle Air Conditioners

40 CFR 82, Subpart B

If the permittee performs a service on motor vehicles and this service involves ozone-depleting substance/refrigerant in the motor vehicle air conditioner (MVAC), the permittee is subject to all the applicable requirements as specified in 40 CFR 82, Subpart B.

CC. Stratospheric Ozone Protection – Recycling and Emission Reductions

40 CFR 82, Subpart F

The permittee shall comply with the standards for recycling and emission reductions in 40 CFR 82, Subpart F, except as provided for MVACs in Subpart B:

1. Persons opening appliances for maintenance, service, repair, or disposal must comply with the required practices pursuant to §82.156;
2. Equipment used during the maintenance, service, repair or disposal of appliances must comply with the standards for recycling and recovery equipment pursuant to §82.158;
3. Persons performing maintenance, service, repair or disposal of appliances must be certified by an approved technical certification program pursuant to §82.161;
4. Persons disposing of small appliances, MVACs and MVAC-like (as defined at §82.152) appliances must comply with recordkeeping requirements pursuant to §82.166;
5. Persons owning commercial or industrial process refrigeration equipment must comply with the leak repair requirements pursuant to §82.156; and
6. Owners/operators of appliances normally containing 50 or more pounds of refrigerant must keep records of refrigerant purchased and added to such appliances pursuant to §82.166.

DD. Emergency Episode Plan

The permittee shall comply with the requirements contained in Chapter 9.7 of the State of Montana Air Quality Control Implementation Plan.

Each major source emitting 100 tons per year located in a Priority I Air Quality Control Region, shall submit to the Department a legally enforceable Emergency Episode Action Plan (EEAP) that details how the source will curtail emissions during an air pollutant emergency episode. The industrial EEAP shall be in accordance with the Department's EEAP and shall be submitted according to a timetable developed by the Department, following Priority I reclassification.

EE. Definitions

Terms not otherwise defined in this permit or in the Definitions and Abbreviations Appendix of this permit, shall have the meaning assigned to them in the referenced regulations.

APPENDICES

APPENDIX A - INSIGNIFICANT EMISSION UNITS

Disclaimer: The information in this appendix is not State or Federally enforceable but is presented to assist the Stimson, permitting authority, inspectors, and the public.

List of Insignificant Activities:

The following table of insignificant sources and/or activities was provided by the permittee to assist in understanding the facility layout. Because there are no requirements to update such a list, the emission units and/or activities may change from those specified in the table.

Emissions Unit ID	Description
S01	Sawmill Log Debarker
S05	Sawmill Building
F03	Indoor and outdoor Fuel Storage Piles
F08	Logyard Leveling
F09	Waste Water Treatment Plants

APPENDIX B - DEFINITIONS and ABBREVIATIONS

Definitions:

"Act" means the Clean Air Act, as amended, 42 U.S. 7401, *et seq.*

"Administrative permit amendment" means an air quality operating permit revision that:

- (a) Corrects typographical errors;
- (b) Identifies a change in the name, address, or phone number of any person identified in the air quality operating permit, or identifies a similar minor administrative change at the source;
- (c) Requires more frequent monitoring or reporting by Stimson;
- (d) Requires changes in monitoring or reporting requirements that the Department deems to be no less stringent than current monitoring or reporting requirements;
- (e) Allows for a change in ownership or operational control of a source if the Department has determined that no other change in the air quality operating permit is necessary, consistent with ARM 17.8.1225; or
- (f) Incorporates any other type of change which the Department has determined to be similar to those revisions set forth in (a)-(e), above.

"Applicable requirement" means all of the following as they apply to emission units in a source requiring an air quality operating permit (including requirements that have been promulgated or approved by the Department or the administrator through rulemaking at the time of issuance of the air quality operating permit, but have future-effective compliance dates, provided that such requirements apply to sources covered under the operating permit):

- (a) Any standard, rule, or other requirement, including any requirement contained in a consent decree or judicial or administrative order entered into or issued by the Department, that is contained in the Montana state implementation plan approved or promulgated by the administrator through rulemaking under Title I of the FCAA;
- (b) Any federally enforceable term, condition or other requirement of any Montana Air Quality Permit issued by the Department under Subchapters 7, 8, 9 and 10 of this chapter, or pursuant to regulations approved or promulgated through rule making under Title I of the FCAA, including parts C and D;
- (c) Any standard or other requirement under Sec. 7411 of the FCAA, including Sec. 7411(d);
- (d) Any standard or other requirement under Sec. 7412 of the FCAA, including any requirement concerning accident prevention under Sec. 7412(r)(7), but excluding the contents of any risk management plan required under Sec. 7412(r);
- (e) Any standard or other requirement of the acid rain program under Title IV of the FCAA or regulations promulgated thereunder;
- (f) Any requirements established pursuant to Sec. 7661c(b) or Sec. 7414(a)(3) of the FCAA;

- (g) Any standard or other requirement governing solid waste incineration, under Sec. 7429 of the FCAA;
- (h) Any standard or other requirement for consumer and commercial products, under Sec. 7511b(e) of the FCAA;
- (i) Any standard or other requirement for tank vessels, under Sec. 7511b(f) of the FCAA;
- (j) Any standard or other requirement of the regulations promulgated to protect stratospheric ozone under Title VI of the FCAA, unless the administrator determines that such requirements need not be contained in an air quality operating permit;
- (k) Any national ambient air quality standard or increment or visibility requirement under part C of Title I of the FCAA, but only as it would apply to temporary sources permitted pursuant to Sec. 7661c(e) of the FCAA; or
- (l) Any federally enforceable term or condition of any air quality open burning permit issued by the Department under ARM Title 17, Chapter 8, Subchapter 6.

"Department" means the Montana Department of Environmental Quality.

"Emissions unit" means any part or activity of a stationary source that emits or has the potential to emit any regulated air pollutant or any pollutant listed under Sec. 7412(b) of the FCAA. This term is not meant to alter or affect the definition of the term "unit" for purposes of Title IV of the FCAA.

"FCAA" means the Federal Clean Air Act, as amended.

"Federally enforceable" means all limitations and conditions which are enforceable by the administrator, including those requirements developed pursuant to 40 CFR Parts 60 and 61, requirements within the Montana state implementation plan, and any permit requirement established pursuant to 40 CFR Part 52.21 or under regulations approved pursuant to 40 CFR 51, Subpart I, including operating permits issued under an EPA-approved program that is incorporated into the Montana state implementation plan and expressly requires adherence to any permit issued under such program.

"Fugitive emissions" means those emissions that could not reasonably pass through a stack, chimney, vent, or other functionally equivalent opening.

"General air quality operating permit" or **"general permit"** means an air quality operating permit that meets the requirements of ARM 17.8.1222, covers multiple sources in a source category, and is issued in lieu of individual permits being issued to each source.

"Hazardous air pollutant" means any air pollutant listed as a hazardous air pollutant pursuant to Sec. 112(b) of the FCAA.

"Non-federally enforceable requirement" means the following as they apply to emission units in a source requiring an air quality operating permit:

- (a) Any standard, rule, or other requirement, including any requirement contained in a consent decree, or judicial or administrative order entered into or issued by the Department, that is not contained in the Montana state implementation plan approved or promulgated by the administrator through rulemaking under Title I of the FCAA;

- (b) Any term, condition or other requirement contained in any MAQP issued by the Department under ARM Title 17, Chapter 8, Subchapters 7, 8, 9, and 10 that is not federally enforceable;
- (c) Does not include any Montana ambient air quality standard contained in ARM Title 17, Chapter 8, Subchapter 2.

"Permittee" means the owner or operator of any source subject to the permitting requirements of this subchapter, as provided in ARM 17.8.1204, that holds a valid air quality operating permit or has submitted a timely and complete permit application for issuance, renewal, amendment, or modification pursuant to this subchapter.

"Regulated air pollutant" means the following:

- (a) Nitrogen oxides or any volatile organic compounds;
- (b) Any pollutant for which a national ambient air quality standard has been promulgated;
- (c) Any pollutant that is subject to any standard promulgated under Sec. 7411 of the FCAA;
- (d) Any Class I or II substance subject to a standard promulgated under or established by Title VI of the FCAA; or
- (e) Any pollutant subject to a standard or other requirement established or promulgated under Sec. 7412 of the FCAA, including but not limited to the following:
 - (i) Any pollutant subject to requirements under Sec. 7412(j) of the FCAA. If the administrator fails to promulgate a standard by the date established pursuant to Sec. 7412(e) of the FCAA, any pollutant for which a subject source would be major shall be considered to be regulated on the date 18 months after the applicable date established pursuant to Sec. 7412(e) of the FCAA; and
 - (ii) Any pollutant for which the requirements of Sec. 7412(g)(2) of the FCAA have been met, but only with respect to the individual source subject to the Sec. 7412(g)(2) requirement.

"Responsible official" means one of the following:

- (a) For a corporation: a president, secretary, treasurer, or vice-president of the corporation in charge of a principal business function, or any other person who performs similar policy or decision-making functions for the corporation, or a duly authorized representative of such person if the representative is responsible for the overall operation of one or more manufacturing, production, or operating facilities applying for or subject to a permit and either:
 - (i) The facilities employ more than 250 persons or have gross annual sales or expenditures exceeding \$25 million (in second quarter 1980 dollars); or
 - (ii) The delegation of authority to such representative is approved in advance by the Department.
- (b) For a partnership or sole proprietorship: a general partner or the proprietor, respectively.

- (c) For a municipality, state, federal, or other public agency: either a principal executive officer or ranking elected official. For the purposes of this part, a principal executive officer of a federal agency includes the chief executive officer having responsibility for the overall operations of a principal geographic unit of the agency (e.g., a regional administrator of the environmental protection agency).

- (d) For affected sources: the designated representative in so far as actions, standards, requirements, or prohibitions under Title IV of the FCAA or the regulations promulgated thereunder are concerned, and the designated representative for any other purposes under ARM Title 17, Chapter 8, Subchapter 12.

Abbreviations:

AQ	Air Quality
ARM	Administrative Rules of Montana
ASTM	American Society of Testing Materials
BACT	Best Available Control Technology
BDT	bone dry tons
Btu	British Thermal Unit
CFR	Code of Federal Regulations
CO	carbon monoxide
DEQ	Montana Department of Environmental Quality
DSCF	dry standard cubic foot
dscfm	dry standard cubic foot per minute
EPA	U.S. Environmental Protection Agency
EU	emissions unit
FCAA	Federal Clean Air Act
gr	grains
HAP	hazardous air pollutant
IEU	insignificant emissions unit
Mbdft	thousand board feet
MMbdft	million board feet
MMBtu	million British thermal units
NO ₂	nitrogen dioxide
NO _x	oxides of nitrogen
O ₂	oxygen
Pb	lead
PM	particulate matter
PM ₁₀	particulate matter less than 10 microns in size
psi	pounds per square inch
scf	standard cubic feet
SIC	Source Industrial Classification
SO ₂	sulfur dioxide
SO _x	oxides of sulfur
TRY	tons per year
U.S.C.	United States Code
VE	Visible emissions
VOC	volatile organic compound

APPENDIX C - NOTIFICATION ADDRESSES

Compliance Notifications:

Montana Department of Environmental Quality
Permitting and Compliance Division
Air Resources Management Bureau
P.O. Box 200901
Helena, MT 59620-0901

Montana Department of Environmental Quality
Permitting and Compliance Division
301 West Alder St.
Missoula, MT 59802

United States EPA
Air Program Coordinator
Region VIII, Montana Office
Federal Office Building
10 West 15th Street, Suite 3200
Helena, MT 59626

Permit Modifications:

Montana Department of Environmental Quality
Permitting and Compliance Division
Air Resources Management Bureau
P.O. Box 200901
Helena, MT 59620-0901

Office of Partnerships and Regulatory Assistance
Air and Radiation Program
US EPA Region VIII 8P-AR
1595 Wynkoop Street
Denver, CO 80202-1129

APPENDIX D - AIR QUALITY INSPECTOR INFORMATION

Disclaimer: The information in this appendix is not State or Federally enforceable but is presented to assist Stimson, the permitting authority, inspectors, and the public.

1. Directions to Plant:

The Facility is located on Highway 200 East, 10 miles off Exit 109 on Interstate 90. The main office is located just off Highway behind the park in Bonner.

2. Safety Equipment Required:

All Department personnel must contact a Stimson representative before entering any facilities on site.

At all times that a Department representative is present upon the premises, the representative shall follow all directions of Stimson. These directions are meant to protect the health and safety of the Department representative and facility employees.

Department representatives who wish to enter the facility for the purpose of conducting an inspection, as per 75-2-403, MCA, shall at minimum, have in possession and utilize the following personal protective equipment (PPE):

1. Hard Hat
2. Safety Glasses
3. Hearing Protection.

A copy of Stimson's Contractor/Vendor guide to Safe Operations at Stimson Lumber Company Inland Operations" dated August 1995, and received on February 20, 1998, is located in the Department's Air Quality Files.

3. Facility Plot Plan:

A plot plan was submitted on 07/12/95 as part of the facility's Title V Operating Permit Application.

APPENDIX E – Compliance Assurance Monitoring (CAM) Plan

Monitoring Approach for PM for the Hog Fuel Boiler (Boiler #1)	
	Indicator
I. Indicator Measurement Approach	Differential Pressure across the wet scrubber
	The pressure drop is monitored with a differential pressure gauge
II. Indicator Range	An excursion is defined as a pressure drop across the scrubber of less than 3.5 inches of water or greater than 12.5 inches of water. Excursions trigger an inspection, corrective action and a reporting requirement.
III. Performance Criteria	
A. Data Representativeness	The monitoring system consists of a differential pressure gauge, which compares the pressure in the duct upstream of the water spray to the atmospheric pressure.
B. Verification of Operational Status	NA
C. QA/QC Practices and Criteria	Calibrated on initial installation
D. Monitoring Frequency	The differential pressure is monitored continuously.
E. Data Collection Procedure	The differential pressure is manually recorded hourly
F. Averaging Period	6-minute average

Although the complete hard copy of Appendix E is not included in the permit, the contents of Appendix E, Stimson's CAM plan remain as applicable requirements as stated in the Title V Operating Permit #OP2806-03. To receive a hard copy of this appendix, please contact one of the following:

The Department of Environmental Quality
 Permitting and Compliance Division
 Air Resources Management Bureau
 1520 E. Sixth Ave.
 P.O. Box 200901
 Helena, Montana 59620-0901
 Bureau Phone #: (406) 444-3490

OR

Stimson Lumber Company
 Bonner Operations
 P.O. Box 1120
 Bonner, MT 59823
 Phone #: (406) 258-2100