STATEMENT OF BASIS

Grayson Lumber Corporation
Houston, Winston County, Alabama
Facility No. 713-S008

This draft renewal Title V Major Source Operating Permit (MSOP) is proposed under the provisions of ADEM Admin. Code r. 335-3-16. The above named applicant has requested authorization to perform the work or operate the facility shown on the application and drawings, plans, and other documents attached hereto or on file with the Air Division of the Alabama Department of Environmental Management, in accordance with the terms and conditions of this permit. This permit would be the third renewal of Grayson Lumber Corporation's MSOP. The current MSOP was issued/effective on September 13, 2012. The only change to the current MSOP would be the deletion of the one-time energy assessment and Notice of Compliance Status (NOCS) requirements of 40 CFR 63, Subpart JJJJJJ, National Emission Standards for Hazardous Air Pollutants for Industrial, Commercial, and Institutional Boilers at Area Sources, as these one-time events have already been accomplished.

Grayson Lumber Corporation operates a pine lumber manufacturing facility in Houston, Alabama. The significant sources of air pollutants at this facility are three 14.77 MMBtu/hr wood-fired boilers with a common multiclone, a 175 MBF lumber dry kiln, a 40 MBF lumber dry kiln, a planer mill pneumatic wood residual transfer system with three cyclones, and uncontrolled sawmill operations. Insignificant emission sources at this facility include wet decking, miscellaneous wood heating, a parts washer, petroleum storage and loading, unpaved roads, and dry kiln unbundling.

Applicability: Federal Regulations

Title V

This facility is a major source under Title V regulations because potential emissions of particulate matter (PM) and volatile organic compounds (VOC) each exceed the 100 TPY major source threshold. It is a minor source of Hazardous Air Pollutants (HAP) as the facility-wide potential HAP emissions are less than the 10 TPY and 25 TPY major source thresholds for single and combined HAP, respectively.

Prevention of Significant Deterioration (PSD)

The facility operations are not one of the 28 listed major source categories, and the facility is located in an attainment area for all criteria pollutants. Therefore, the major source threshold of concern is 250 TPY of any criteria pollutant. The facility is a minor source under PSD regulations, as no criteria pollutant potential emissions exceed the major source threshold.

NSPS

None of the sources at this facility are subject to a NSPS. The three boilers were installed prior to the applicability date for NSPS for small boilers (40 CFR 60, Subpart Dc), and the remaining sources are not in any NSPS source category.

MACT (Federal-Only)

This facility is an area source of HAP; therefore, the three 14.77 MMBtu/hr wood-fired boilers (Emission Unit No. 001) are subject to 40 CFR Part 63, Subpart JJJJJJ, National Emission Standards for Hazardous Air Pollutants for Industrial, Commercial, and Institutional Boilers at Area Sources. The boilers are subject to management practices, which require biennial tune-ups and a one-time energy assessment of each boiler.

The facility is required to comply with the notification, reporting, and recordkeeping requirements outlined in §63.11225, with submittals to be sent to the Air Division and the EPA. The facility would be required to keep a copy of each notification and report submitted to comply with Subpart JJJJJJ and all documentation supporting any Initial Notification of Applicability or Notification of Compliance Status that would be submitted. For all tune-ups, the facility is required to keep records of the dates and procedures of each boiler tune-up and the fuel used by the boiler. In addition, the facility is required to keep records of the occurrence and duration of each malfunction of the boilers, or of the associated air pollution control and monitoring equipment. Also, the facility is required to maintain records of actions taken during periods of malfunction to minimize emissions, including corrective actions to restore the malfunctioning boiler, air pollution control, or monitoring equipment to its normal or useful manner of operation. The records are required to be kept in a form suitable and readily available for expeditious review. Each record is required to be retained for a period of five years following the date of each recorded action.

The facility is required to prepare and submit biennial compliance reports in accordance with §63.11225(b) to both the Air Division and the EPA. The first report must be submitted by March 1, 2015, and subsequent reports must be submitted by March 1 of every other year thereafter.

The facility is not subject to any other MACT regulations at this time.

Applicability: State Regulations

Particulate Matter

The wood-fired boilers are subject to the particulate matter emission limitations of ADEM Admin. Code r. 335-3-4-.08(2)(d), which limits each boiler to 0.20 gr/dscf, adjusted to 50% excess air.

The planer mill's pneumatic wood residuals transfer system with three cyclones and the two lumber dry kilns are each subject to the particulate matter emission limitations of ADEM Admin. Code r. 335-3-4-.04(1) for Process Industries-General. The allowable emission rate for each process is calculated using the following process weight equation:

$$E = 3.59P^{0.62} \quad (P < 30 \text{ tons per hour})$$

where E = Emissions in pounds per hour
P = Process weight in tons per hour

In addition to the above limitations, ADEM Admin. Code r. 335-3-4-.01(1) sets forth a visible emissions standard which states that each stationary source at the facility shall not emit particulate of an opacity greater than twenty percent (20%), as determined by a six-minute average. Furthermore, at no time shall a source discharge a six-minute opacity of particulate emissions greater than forty percent (40%).

Emissions from the sawmill consist of fugitive emissions from debarking and sawing operations. Since there is no pneumatic transport of materials nor pollution control devices, there are no applicable State emission standards.

Sulfur Oxides (SO_X)

The wood-fired boilers are subject to the sulfur oxides (as SO_2) emission limitations of ADEM Admin. Code r. 335-3-5-.01(1)(b), which limits the boilers to 4.0 lb/MMBtu heat input.

Emission Testing and Monitoring

No changes to the emission monitoring in the current MSOP were proposed. Therefore, the requirements are reflected in the draft renewal MSOP. These requirements are detailed below:

001 – Three 14.77 MMBtu/hr Wood-Fired Boilers with Multiclone

The boilers are subject to the State particulate matter (as TSP) emission standard of 0.20 gr/dscf, adjusted to 50% excess air (ADEM Admin Code r. 335-3-4-.08 (2)(d)) and the State opacity standard of 20% opacity. The combustion exhausts from the three boilers are routed to a common multiclone for particulate emission control. The multiclone has a single exhaust stack to the atmosphere.

The results of the most recent Method 5 stack test (August 1, 2001) on the common multiclone stack, while all three boilers were operating, indicated an average particulate emission rate of 0.0389 gr/dscf, adjusted to 50% excess air, which is less than the State standard. The average of the high six-minute average opacities during the three Method 9 tests simultaneous to the three Method 5 test runs was 3.96%. The maximum six-minute average opacity recorded during testing was 6.04%, which is less than the State opacity standard. Since the results of these tests determined that the boilers are capable of complying with the applicable standards, no further

compliance testing would be required at this time. Emission monitoring for the boilers would be the same as that in the current permit, which would include the following:

- While the boiler(s) are operating, the instant opacity of the boiler stack emissions shall be determined at least daily during daylight hours by an individual certified to determine the opacity of visible emissions. The results shall be recorded at the time of the observation. If the instant opacity exceeds 10%, an individual certified to determine the opacity of visible emissions shall conduct a visible emissions observation within 30 minutes in accordance with 40 CFR 60, Appendix A, Method 9 for a minimum of 12 minutes.

- If the average opacity during the Method 9 observation exceeds 10%, corrective action shall be initiated as soon as practicable but no longer than 24 hours from the time of observation to confirm that the visible emissions are reduced to $\leq$ 10% opacity.

- To ensure proper operation, the multiclone shall be inspected at least annually, but more frequently if visible emissions exceeding the 10% opacity corrective action threshold during a Method 9 observation are observed. If the results of the inspection indicate that cleaning or maintenance is needed, such action shall be initiated as soon as practicable but no later than 24 hours after completing the inspection.

The boilers are subject to the State SO_2 allowable emission rate of 4.0 lb/MMBtu of heat input. Untreated wood is the only allowed fuel source for the boilers. Due to the minimal expected SO_2 emissions from the combustion of wood, no emission testing or monitoring for SO_2 is considered necessary.

002 and 003 - Nos. 1 and 2 Steam-Heated Lumber Dry Kilns

Lumber is dried in the kilns via radiant heat from closed steam coils. The State allowable particulate emission rate is based on the process weight and there would be no practical basis for emission monitoring. Furthermore, results from testing of similar kilns at other facilities has shown that particulate emissions from steam-heated lumber dry kilns are negligible when compared to the State allowable rates. Additionally, due to the nature of the emissions from lumber dry kilns, which are primarily VOC and condensed water vapor, emission monitoring for particulate and visible emissions is not considered practical.

004 - Planer Mill Pneumatic Wood Residuals Transfer System with Three Cyclones

This process utilizes cyclone separators in the transfer of wood residuals to storage. They are subject to the State allowable particulate emission rate as determined by the process weight equation (ADEM Admin. Code r. 335-3-4-.04(1)) and to the State opacity standard of 20% opacity. The expected emissions, based on emission factors and engineering estimates, are within the State allowable emission rates. For compliance with the particulate and visible emission standards, emission monitoring for the cyclones would include:

- While the process is operating, someone familiar with the process shall observe the visible emissions from the cyclones at least weekly during daylight hours for greater than normal visible emissions as determined by previous observations of normal operation.

- Whenever observed visible emissions are greater than normal, corrective action shall be initiated as soon as practicable but no longer than 24 hours from the time of observation, followed by an additional observation to confirm that emissions have been reduced to normal.

- To ensure proper operation, each cyclone shall be inspected at least annually, but more frequently if greater than normal visible emissions are observed. If the results of the inspection indicate that cleaning or maintenance is needed, such action shall be initiated as soon as practicable but no later than 24 hours after completing the inspection.

005 – Sawmill Operations

The facility utilizes mechanical conveyance in its sawmill operations and emissions from log debarking, sawing, and green-end wood residuals transport are fugitive. Since there are no applicable State emission limits, there would be no emission testing or monitoring requirements.

Recordkeeping and Reporting Requirements

The facility would be required to maintain records for the required emission monitoring of Emission Unit Nos. 001 and 004 on-site in a permanent form suitable for inspection and readily available for inspection for at least five years from the date of generation of each record. Emission Unit Nos. 002, 003, and 005 have no applicable recordkeeping and reporting requirements. Recordkeeping and reporting requirements for Unit Nos. 001 and 004 would include (as applicable):

- The date, time, and results of each emission observation;

- The date(s), nature, and results of any corrective action taken when deviations from an emission monitoring parameter were observed; and

- The date(s) the control device was inspected for proper operation and, if the results of the inspection indicated that cleaning or emission-related maintenance was needed, the date(s) and nature of the cleaning/maintenance performed.

The facility would be required to include the following information (as applicable) in the Semiannual Monitoring Report required by General Permit Proviso No. 21:

- A statement as to whether all emission observations were completed as required during the reporting period, and if not, the date(s) and reasons(s) why the monitoring was not performed;

- A statement as to whether the annual inspections of the multiclone/cyclones were accomplished during the reporting period, and if so, the date and results of the inspection(s);

- The date(s), nature, and results of any corrective action taken when (1) a deviation from an emission monitoring parameter was observed or (2) an inspection of the multiclone/cyclones indicated that cleaning or emission-related maintenance was needed.

Compliance Assurance Monitoring (CAM)

Though they are discreet units, the three 14.77 MMBtu/hr wood-fired boilers (001) are equipped with a common multiclone. The multiclone captures particulate matter in the gas streams. The pre-controlled particulate emission rate from each boiler is less than the applicable major source threshold (100 TPY). Because the potential particulate emissions from each of these emission units are insufficient to constitute a major source before control, these units are not subject to CAM. There are no other sources at the facility that meet CAM applicability, as the planer mill wood residuals transfer cyclones function as material separators and are considered an inherent part of the planer mill operation.

Recommendation

Based on the above analysis, I recommend that Grayson Lumber Corporation's existing Major Source Operating Permit (713-S008) be renewed pending a public notice period and an EPA review.

Jeffrey A. Strickland

Jeffrey A. Strickland
Chemical Branch
Air Division

December 8, 2016
Date

MAJOR SOURCE OPERATING PERMIT

PERMITTEE: GRAYSON LUMBER CORPORATION

FACILITY NAME: GRAYSON LUMBER CORPORATION

FACILITY/PERMIT NO.: 713-S008

LOCATION: HOUSTON, WINSTON COUNTY, ALABAMA

In accordance with and subject to the provisions of the Alabama Air Pollution Control Act of 1971, as amended, Ala. Code 1975, §§22-28-1 to 22-28-23 (2006 Rplc. Vol. and 2007 Cum. Supp.) (the "AAPCA") and the Alabama Environmental Management Act, as amended, Ala. Code 1975, §§22-22A-1 to 22-22A-15, (2006 Rplc. Vol. and 2007 Cum. Supp.) and rules and regulations adopted thereunder, and subject further to the conditions set forth in this permit, the Permittee is hereby authorized to construct, install and use the equipment, device or other article described above.

*Pursuant to the **Clean Air Act of 1990**, all conditions of this permit are federally enforceable by EPA, the Alabama Department of Environmental Management, and citizens in general. Those provisions which are not required under the **Clean Air Act of 1990** are considered to be state permit provisions and are not federally enforceable by EPA and citizens in general. Those provisions are contained in separate sections of this permit.*

Issuance Date: Draft

Effective Date: Draft

Expiration Date: December 10, 2021

Alabama Department of Environmental Management

DRAFT

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General Permit Provisos

Federally Enforceable Provisos	Regulations
1. <u>Transfer</u>	
This permit is not transferable, whether by operation of law or otherwise, either from one location to another, from one piece of equipment to another, or from one person to another, except as provided in ADEM Admin. Code r. 335-3-16-.13(1)(a)5.	ADEM Admin. Code r. 335-3-16-.02(6)
2. <u>Renewals</u>	
An application for permit renewal shall be submitted at least six (6) months, but not more than eighteen (18) months, before the date of expiration of this permit.	ADEM Admin. Code r. 335-3-16-.12(2)
The source for which this permit is issued shall lose its right to operate upon the expiration of this permit unless a timely and complete renewal application has been submitted within the time constraints listed in the previous paragraph.	
3. <u>Severability Clause</u>	
The provisions of this permit are declared to be severable and if any section, paragraph, subparagraph, subdivision, clause, or phrase of this permit shall be adjudged to be invalid or unconstitutional by any court of competent jurisdiction, the judgment shall not affect, impair, or invalidate the remainder of this permit, but shall be confined in its operation to the section, paragraph, subparagraph, subdivisions, clause, or phrase of this permit that shall be directly involved in the controversy in which such judgment shall have been rendered.	ADEM Admin. Code r. 335-3-16-.05(e)
4. <u>Compliance</u>	
(a) The Permittee shall comply with all conditions of ADEM Admin. Code 335-3. Noncompliance with this permit will constitute a violation of the Clean Air Act of 1990 and ADEM Admin. Code 335-3 and may result in an enforcement action; including but not limited to, permit termination, revocation and reissuance, or modification; or denial of a permit renewal application by the Permittee.	ADEM Admin. Code r. 335-3-16-.05(f)
(b) The Permittee shall not use as a defense in an enforcement action that maintaining compliance with conditions of this permit would have required halting or reducing the permitted activity.	ADEM Admin. Code r. 335-3-16-.05(g)
5. <u>Termination for Cause</u>	
This permit may be modified, revoked, reopened, and reissued, or terminated for cause. 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 will not stay any permit condition.	ADEM Admin. Code r. 335-3-16-.05(h)

Federally Enforceable Provisos	Regulations
6. Property Rights	
The issuance of this permit does not convey any property rights of any sort, or any exclusive privilege.	ADEM Admin. Code r. 335-3-16-.05(i)
7. Submission of Information	
The Permittee must submit to the Air Division, within 30 days or for such other reasonable time as the Air Division may set, any information that the Air Division may request in writing to determine whether cause exists for modifying, revoking and reissuing, or terminating this permit or to determine compliance with this permit. Upon receiving a specific request, the Permittee shall also furnish to the Air Division copies of records required to be kept by this permit.	ADEM Admin. Code r. 335-3-16-.05(j)
8. Economic Incentives, Marketable Permits, and Emissions Trading	
No permit revision shall be required, under any approved economic incentives, marketable permits, emissions trading and other similar programs or processes for changes that are provided for in this permit.	ADEM Admin. Code r. 335-3-16-.05(k)
9. Certification of Truth, Accuracy, and Completeness	
Any application form, report, test data, monitoring data, or compliance certification submitted pursuant to this permit shall contain certification by a responsible official of truth, accuracy, and completeness. This 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.	ADEM Admin. Code r. 335-3-16-.07(a)
10. Inspection and Entry	
Upon presentation of credentials and other documents as may be required by law, the Permittee shall allow authorized representatives of the Alabama Department of Environmental Management and EPA to conduct the following:	ADEM Admin. Code r. 335-3-16-.07(b)
(a) Enter upon the Permittee's premises where a source is located or emissions-related activity is conducted, or where records must be kept pursuant to the conditions of this permit;	
(b) Review and/or copy, at reasonable times, any records that must be kept pursuant to the conditions of this permit;	

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(c) Inspect, at reasonable times, this facility's equipment (including monitoring equipment and air pollution control equipment), practices, or operations regulated or required pursuant to this permit;	
(d) Sample or monitor, at reasonable times, substances or parameters for the purpose of assuring compliance with this permit or other applicable requirements.	
11. <u>Compliance Provisions</u>	
(a) The Permittee shall continue to comply with the applicable requirements with which the company has certified that it is already in compliance.	ADEM Admin. Code r. 335-3-16-.07(c)
(b) The Permittee shall comply in a timely manner with applicable requirements that become effective during the term of this permit.	
12. <u>Compliance Certification</u>	
The Permittee shall submit a complete and accurate compliance certification by February 9th of each year for each annual reporting period of this permit (December 11th – December 10th).	ADEM Admin. Code r. 335-3-16-.07(e)
(a) The compliance certification shall include the following:	
(1) The identification of each term or condition of this permit that is the basis of the certification;	
(2) The compliance status;	
(3) The method(s) used for determining the compliance status of the source, currently and over the reporting period consistent with ADEM Admin. Code r. 335-3-16-.05(c) (Monitoring and Recordkeeping Requirements);	
(4) Whether compliance has been continuous or intermittent;	
(5) Such other facts as the Air Division may require to determine the compliance status of the source;	
(b) The compliance certification shall be submitted to:	

Federally Enforceable Provisos	Regulations
Alabama Department of Environmental Management Air Division P.O. Box 301463 Montgomery, AL 36130-1463 and to: Air and EPCRA Enforcement Branch EPA Region IV 61 Forsyth Street, SW, Suite 9T43 Atlanta, GA 30303	
13. <u>Reopening for Cause</u>	
Under any of the following circumstances, this permit will be reopened prior to the expiration of the permit: (a) Additional applicable requirements under the Clean Air Act of 1990 become applicable to the Permittee with a remaining permit term of three (3) or more years. Such a reopening shall be completed not later than eighteen (18) months after promulgation of the applicable requirement. No such reopening is required if the effective date of the requirement is later than the date on which this permit is due to expire. (b) Additional requirements (including excess emissions requirements) become applicable to an affected source under the acid rain program. Upon approval by the Administrator, excess emissions offset plans shall be deemed to be incorporated into this permit. (c) The Department or EPA determines that this permit contains a material mistake or that inaccurate statements were made in establishing the emissions standards or other terms or conditions of this permit. (d) The Administrator or the Department determines that this permit must be revised or revoked to assure compliance with the applicable requirements.	ADEM Admin. Code r. 335-3-16-.13(5)
14. <u>Additional Rules and Regulations</u>	
This permit is issued on the basis of Rules and Regulations existing on the date of issuance. In the event additional Rules and Regulations are adopted, it shall be the permit holder's responsibility to comply with such rules.	§22-28-16(d), <u>Code of Alabama 1975</u>, as amended

Federally Enforceable Provisos	Regulations
15. <u>Equipment Maintenance or Breakdown</u>	
(a) In case of shutdown of air pollution control equipment (which operates pursuant to any permit issued by the Director) for necessary scheduled maintenance, the intent to shut down such equipment shall be reported to the Air Division at least (24) hours prior to the planned shutdown, unless such shutdown is accompanied by the shutdown of the source which such equipment is intended to control. Such prior notice shall include, but is not limited to the following:	ADEM Admin. Code r. 335-3-1-.07(1),(2)
(1) Identification of the specific facility to be taken out of service as well as its location and permit number;	
(2) The expected length of time that the air pollution control equipment will be out of service;	
(3) The nature and quality of emissions of air contaminants likely to occur during the shutdown period;	
(4) Measures such as the use of off-shift labor and equipment that will be taken to minimize the length of the shutdown period;	
(5) The reasons that it would be impossible or impractical to shut down the sources operation during the maintenance period.	
(b) In the event that there is a breakdown of equipment or upset of process in such a manner as to cause, or is expected to cause, increased emissions of air contaminants which are above an applicable standard, the person responsible for such equipment shall notify the Director within 24 hours or the next working day and provide a statement giving all pertinent facts, including the estimated duration of the breakdown. The Director shall be notified when the breakdown has been corrected.	
16. <u>Operation of Capture and Control Devices</u>	
All air pollution control devices and capture systems for which this permit is issued shall be maintained and operated at all times in a manner so as to minimize the emissions of air contaminants. Procedures for ensuring that the above equipment is properly operated and maintained so as to minimize the emission of air contaminants shall be established.	§22-28-16(d), <u>Code of Alabama 1975</u>, as amended

Federally Enforceable Provisos	Regulations
17. <u>Obnoxious Odors</u>	
This permit is issued with the condition that, should obnoxious odors arising from the plant operations be verified by Air Division inspectors, measures to abate the odorous emissions shall be taken upon a determination by the Alabama Department of Environmental Management that these measures are technically and economically feasible.	ADEM Admin. Code r. 335-3-1-.08
18. <u>Fugitive Dust</u>	
(a) Precautions shall be taken to prevent fugitive dust emanating from plant roads, grounds, stockpiles, screens, dryers, hoppers, ductwork, etc.	ADEM Admin. Code r. 335-3-4-.02
(b) Plant or haul roads and grounds shall be maintained in the following manner so that dust will not become airborne. A minimum of one, or a combination, of the following methods shall be utilized to minimize airborne dust from plant or haul roads and grounds:	
(1) By the application of water any time the surface of the road is sufficiently dry to allow the creation of dust emissions by the act of wind or vehicular traffic;	
(2) By reducing the speed of vehicular traffic to a point below that at which dust emissions are created;	
(3) By paving;	
(4) By the application of binders to the road surface at any time the road surface is found to allow the creation of dust emissions.	
Should one, or a combination, of the above methods fail to adequately reduce airborne dust from plant or haul roads and grounds, alternative methods shall be employed, either exclusively or in combination with one or all of the above control techniques, so that dust will not become airborne. Alternative methods shall be approved by the Air Division prior to utilization.	
19. <u>Additions and Revisions</u>	
Any modifications to this source shall comply with the modification procedures in Rules 335-3-16-.13 or 335-3-16-.14.	ADEM Admin. Code r. 335-3-16-.13 and 335-3-16-.14
20. <u>Recordkeeping Requirements</u>	
(a) Records of required monitoring information of the source shall include the following:	ADEM Admin. Code r. 335-3-16-.05(c)2.

Federally Enforceable Provisos	Regulations
(1) The date, place, and time of all sampling or measurements;	
(2) The date analyses were performed;	
(3) The company or entity that performed the analyses;	
(4) The analytical techniques or methods used;	
(5) The results of all analyses; and	
(6) The operating conditions that existed at the time of sampling or measurement.	
(b) Retention of records of all required monitoring data and support information of the source 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.	
21. <u>Reporting Requirements</u>	
(a) Reports to the Air Division of any required monitoring shall be submitted at least every 6 months. All instances of deviations from permit requirements must be clearly identified in said reports. All required reports must be certified by a responsible official consistent with ADEM Admin. Code r. 335-3-16-.04(9).	ADEM Admin. Code r. 335-3-16-.05(c)3.
(b) Deviations from permit requirements shall be reported within 48 hours or 2 working days of such deviations, including those attributable to upset conditions as defined in the permit. The report shall include the probable cause of said deviations, and any corrective actions or preventive measures that were taken.	
22. <u>Emission Testing Requirements</u>	
Each point of emission which requires testing shall be provided with sampling ports, ladders, platforms, and other safety equipment to facilitate testing performed in accordance with procedures established by Part 60 of Title 40 of the Code of Federal Regulations, as the same may be amended or revised.	ADEM Admin. Code r. 335-3-1-.05(3) and 335-3-1-.04(1)
The Air Division must be notified in writing at least 10 days in advance of all emission tests to be conducted and submitted as proof of compliance with the Department's air pollution control rules and regulations.	

Federally Enforceable Provisos	Regulations
To avoid problems concerning testing methods and procedures, the following shall be included with the notification letter:	ADEM Admin. Code r. 335-3-1-.04
(a) The date the test crew is expected to arrive, the date and time anticipated of the start of the first run, how many and which sources are to be tested, and the names of the persons and/or testing company that will conduct the tests.	
(b) A complete description of each sampling train to be used, including type of media used in determining gas stream components, type of probe lining, type of filter media, and probe cleaning method and solvent to be used (if test procedures requires probe cleaning).	
(c) A description of the process(es) to be tested including the feed rate, any operating parameters used to control or influence the operations, and the rated capacity.	
(d) A sketch or sketches showing sampling point locations and their relative positions to the nearest upstream and downstream gas flow disturbances.	
A pretest meeting may be held at the request of the source owner or the Air Division. The necessity for such a meeting and the required attendees will be determined on a case-by-case basis.	ADEM Admin. Code r. 335-3-1-.04
All test reports must be submitted to the Air Division within 30 days of the actual completion of the test unless an extension of time is specifically approved by the Air Division.	
23. <u>Payment of Emission Fees</u>	
(a) The Permittee shall remit the annual Operating Permit Fees required by ADEM Admin. Code r. 335-1-7-.04 according to the schedule in ADEM Admin. Code r. 335-1-7-.05.	ADEM Admin. Code r. 335-1-7-.05
(b) The Permittee shall submit its estimate of actual emissions for the previous calendar year according to the schedule in ADEM Admin. Code r. 335-1-7-.05.	ADEM Admin. Code r. 335-1-7-.05
24. <u>Other Reporting and Testing Requirements</u>	
Submission of other reports regarding monitoring records, fuel analyses, operating rates, and equipment malfunctions may be required as authorized in the Department's air pollution control rules and regulations. The Department may require emission testing at any time.	ADEM Admin. Code r. 335-3-1-.04(1)

Federally Enforceable Provisos	Regulations
25. <u>Title VI Requirements (Refrigerants)</u>	
Any facility having appliances or refrigeration equipment, including air conditioning equipment, which use Class I or Class II ozone-depleting substances as listed in 40 CFR Part 82, Subpart A, Appendices A and B, shall service, repair, and maintain such equipment according to the work practices, personnel certification requirements, and certified recycling and recovery equipment specified in 40 CFR Part 82, Subpart F.	ADEM Admin. Code r. 335-3-16-.05(a)
No person shall knowingly vent or otherwise release any Class I or Class II substance into the environment during the repair, servicing, maintenance, or disposal of any device except as provided in 40 CFR Part 82, Subpart F.	
The responsible official shall comply with all reporting and recordkeeping requirements of 40 CFR 82.166. Reports shall be submitted to the US EPA and the Department as required.	
26. <u>Chemical Accidental Prevention Provisions</u>	
If a chemical listed in Table 1 of 40 CFR Part 68.130 is present in a process in quantities greater than the threshold quantity listed in Table 1, then:	40 CFR Part 68
(a) The owner or operator shall comply with the provisions in 40 CFR Part 68.	
(b) The owner or operator shall submit one of the following:	
(1) A compliance schedule for meeting the requirements of 40 CFR Part 68 by the date provided in 40 CFR Part 68 § 68.10(a) or,	
(2) A certification statement that the source is in compliance with all requirements of 40 CFR Part 68, including the registration and submission of the Risk Management Plan.	
27. <u>Display of Permit</u>	
This permit shall be kept under file or on display at all times at the site where the facility for which the permit is issued is located and shall make the permit readily available for inspection by any or all persons who may request to see it.	ADEM Admin. Code r. 335-3-14-.01(1)(d)

Federally Enforceable Provisos	Regulations
28. Circumvention	
No person shall cause or permit the installation or use of any device or any means which, without resulting in the reduction in the total amount of air contaminant emitted, conceals or dilutes any emission of air contaminant which would otherwise violate the Division 3 rules and regulations.	ADEM Admin. Code r. 335-3-1-.10
29. Visible Emissions	
Unless otherwise specified in the Unit Specific provisos of this permit, any source of particulate emissions shall not discharge more than one 6-minute average opacity greater than 20% in any 60-minute period. At no time shall any source discharge a 6-minute average opacity of particulate emissions greater than 40%. Opacity will be determined by 40 CFR Part 60, Appendix A, Method 9, unless otherwise specified in the Unit Specific provisos of this permit.	ADEM Admin. Code r. 335-3-4-.01(1)
30. Fuel-Burning Equipment	
Unless otherwise specified in the Unit Specific provisos of this permit, no fuel-burning equipment may discharge particulate emissions in excess of the emissions specified in ADEM Admin. Code R. 335-3-4-.03.	ADEM Admin. Code r. 335-3-4-.03
Unless otherwise specified in the Unit Specific provisos of this permit, no fuel-burning equipment may discharge sulfur dioxide emissions in excess of the emissions specified in ADEM Admin. Code R. 335-3-5-.01.	ADEM Admin. Code r. 335-3-5-.01
31. Process Industries – General	
Unless otherwise specified in the Unit Specific provisos of this permit, no process may discharge particulate emissions in excess of the emissions specified in ADEM Admin. Code R. 335-3-4-.04.	ADEM Admin. Code r. 335-3-4-.04
32. Averaging Time for Emission Limits	
Unless otherwise specified in the permit, the averaging time for the emission limits listed in this permit shall be the nominal time required by the specific test method.	ADEM Admin. Code r. 335-3-1-.05
33. Open Burning	
Precautions should be taken to ensure that no person shall ignite, cause to ignite, permit to be ignited, or maintain any open fire in such a manner as to cause the Department's rules and regulations applicable to open burning to be violated.	ADEM Admin. Code r. 335-3-3-.01

Emission Unit No. 001 (Wood-fired Boilers)

Summary Page

Description: Three (3) 14.77 MMBtu/hr wood-fired boilers with multiclone

Permitted Operating Schedule: $\frac{24 \text{ Hours}}{\text{Day}} \text{ X } \frac{7 \text{ Days}}{\text{Week}} \text{ X } \frac{52 \text{ Weeks}}{\text{Year}} = \frac{8760 \text{ Hours}}{\text{Year}}$

Emission limitations:

Emission Point No.	Description	Pollutant	Emission limit	Regulation
WBB	Common Multiclone Stack	PM	0.20 gr/dscf @ 50% excess air	ADEM Admin. Code r. 335-3-4-.08
		SO_2	4.0 lb/MMBtu heat input	ADEM Admin. Code r. 335-3-5-.01
		NOx	N/A	N/A
		CO	N/A	N/A
		VOC	N/A	N/A
		HAP	N/A	N/A

Emission Unit No. 001 (Wood-fired Boilers)

Unit Specific Provisos

Federally Enforceable Provisos	Regulations
1. Applicability	
(a) These boilers are subject to the applicable requirements of ADEM Admin. Code r. 335-3-16-.03, "Major Source Operating Permits."	ADEM Admin. Code r. 335-3-16-.03
(b) These boilers are subject to the applicable requirements of 40 CFR 63, Subpart JJJJJJ, National Emission Standards for Hazardous Air Pollutants for Industrial, Commercial, and Institutional Boilers at Area Sources, and the applicable requirements of 40 CFR 63, Subpart A, General Provisions.	40 CFR Part 63, Subpart JJJJJJ
2. Emission Standards	
(a) The Permittee shall not cause or allow emissions of particulate matter from these boilers, whether operating independently or in combination, to exceed 0.20 grains per dry standard cubic foot (gr/dscf), adjusted to 50% excess air.	ADEM Admin. Code r. 335-3-4-.08(2)(b)
(b) Any source of particulate emissions shall not discharge more than one 6-minute average opacity greater than 20% in any 60-minute period. At no time shall any source discharge a 6-minute average opacity of particulate emissions greater than 40%.	ADEM Admin. Code r. 335-3-4-.01(1)
(c) The Permittee shall not cause or allow emissions of sulfur dioxide from these boilers, whether operating independently or in combination, to exceed 4.0 pounds per million BTU (lb/MMBtu) heat input.	ADEM Admin. Code r. 335-3-5-.01(1)(b)
(d) The Permittee shall conduct a performance tune-up of these boilers on a biennial basis. The initial tune-up shall be conducted no later than the date specified in 40 CFR §63.11196, and each subsequent tune-up shall be conducted no more than 25 months after the previous tune-up. If the unit is not operating on the required date for a tune-up, the tune-up must be conducted within one week of startup. Each tune-up shall be conducted in accordance with the requirements of 40 CFR §63.11223(b), which include, as applicable:	40 CFR §63.11201, §63.11223, and Table 2 to 40 CFR 63, Subpart JJJJJJ
(i) Inspect the burner and clean or replace any components of the burner, as necessary;	
(ii) Inspect the flame pattern and adjust the burner as necessary to optimize the flame pattern. The adjustment shall be consistent with the manufacturer's specifications, if available;	
(iii) Inspect the system controlling the air-to-fuel ratio and ensure that it is correctly calibrated and functioning properly;	

Federally Enforceable Provisos	Regulations
(iv) Optimize total emissions of carbon monoxide. This optimization shall be consistent with the manufacturer's specifications, if available;	
(v) Measure the concentrations in the effluent stream of carbon monoxide in parts per million, by volume, and oxygen in volume percent, before and after the adjustments are made (measurements may be either on a dry or wet basis, as long as it is the same basis before and after the adjustments are made);	
(vi) Maintain onsite and submit, if requested, a report containing the following information:	
A. The concentrations of CO in the effluent stream in parts per million, by volume, and oxygen in volume percent, measured before and after the tune-up of the boiler.	
B. A description of any corrective actions taken as a part of the tune-up of the boiler.	
C. The type and amount of fuel used over the 12 months prior to the biennial tune-up of the boiler.	
(e) At all times, the Permittee shall operate and maintain these boilers, including associated air pollution control equipment and monitoring equipment, in a manner consistent with safety and good air pollution control practices for minimizing emissions.	40 CFR §63.11205
3. <u>Compliance and Performance Test Methods and Procedures</u>	
(a) If testing is required, the particulate emission rate shall be determined in accordance with Method 5 at 40 CFR Part 60, Appendix A.	ADEM Admin. Code r. 335-3-1-.05
(b) If testing is required, the visible emissions shall be determined in accordance with Method 9 at 40 CFR Part 60, Appendix A.	ADEM Admin. Code r. 335-3-1-.05
(c) If testing is required, the sulfur dioxide emission rate shall be determined in accordance with Method 6 or 6C at 40 CFR Part 60, Appendix A.	ADEM Admin. Code r. 335-3-1-.05
(d) Any compliance or performance test required shall be conducted and data reduced in accordance with the test methods and procedures contained in each specific permit condition unless the Director (1) specifies or approves, in specific cases, the use of a reference method with minor changes in methodology, (2) approves the use of an equivalent method, or (3) approves the use of an alternative method, the results of which he has determined to be adequate for indicating whether a specific source is in compliance.	ADEM Admin. Code r. 335-3-1-.05

Federally Enforceable Provisos	Regulations
4. <u>Emission Monitoring</u>	
(a) The Permittee shall only burn untreated wood as fuel. Approval must be granted by the Air Division prior to burning any other type fuel.	ADEM Admin. Code r. 335-3-16-.05(c)
(b) While the boiler(s) are operating, the Permittee shall determine the instant opacity of the boiler stack emissions at least <u>daily</u> during daylight hours by an individual certified to determine the opacity of visible emissions. The Permittee shall record the results at the time of the observation. If the instant opacity exceeds 10%, the Permittee shall conduct a visible emissions observation within 30 minutes in accordance with 40 CFR 60, Appendix A, Method 9 for a minimum of 12 minutes.	ADEM Admin. Code r. 335-3-16-.05(c)
(c) If the average opacity during the Method 9 observation exceeds 10%, the Permittee shall initiate corrective action as soon as practicable, but no longer than 24 hours from the time of observation to confirm that the visible emissions are reduced to $\leq$ 10% opacity.	ADEM Admin. Code r. 335-3-16-.05(c)
(d) To ensure proper operation, the Permittee shall inspect the multiclone at least annually, but more frequently if visible emissions exceeding the 10% opacity corrective action threshold during a Method 9 observation are observed. If the results of the inspection indicate that cleaning or maintenance is needed, the Permittee shall initiate such action as soon as practicable but no longer than 24 hours after completing the inspection.	ADEM Admin. Code r. 335-3-16-.05(c)
5. <u>Recordkeeping and Reporting Requirements</u>	
(a) The Permittee shall maintain records of emission monitoring performed in a permanent form suitable for inspection for a period of 5 years from the date of generation of each record. These records shall include:	ADEM Admin. Code r. 335-3-16-.05(c)
(i) The date, time, and results of each daily instantaneous visible emissions observation and the observer that conducted the observation;	
(ii) The name of each qualified visible emissions observer that conducted visible emission observations during the permit term and the expiration date(s) of the observer's certification(s);	
(iii) The date(s), nature, and results of any corrective action taken when greater than 10% opacity was determined in accordance with Method 9;	
(iv) The date(s) the multiclone was inspected for proper operation and, if the results of the inspection indicated that cleaning or emissions-related maintenance was needed, the date(s) and nature of the cleaning/maintenance performed; and	

Federally Enforceable Provisos	Regulations
(v) If a Method 9 visible emissions observation is required as specified in Condition 4(a) above, the results shall be documented in accordance with Section 2.2 of Method 9 at 40 CFR Part 60, Appendix A.	
(b) The Permittee shall submit a Semiannual Monitoring Report, as required by General Proviso No. 21(a), no later than 60 days after the end of each semiannual reporting period (January 1st - June 30th and July 1st – December 31st). The report shall include the following information for this emission unit:	ADEM Admin. Code r. 335-3-16-.05(c)
(i) A statement as to whether all daily or Method 9 visible emissions observations were completed as required during the reporting period, and if not, the dates(s) and reason(s) why the monitoring was not performed;	
(ii) The date(s), nature, and results of any corrective action taken when a Method 9 visible emission observation determined that the visible emissions from the exhaust stack were greater than 10% opacity.	
(iii) The date(s) the multiclone was inspected for proper operation and, if the results of the inspection indicated that cleaning or emission-related maintenance was needed, the date(s) and nature of the cleaning/maintenance performed.	
(c) The Permittee shall submit the applicable notifications outlined in 40 CFR §63.11225(a) to both the Air Division and the EPA (Region 4) by the date specified. The notification requirements include, but may not be limited to, the following:	40 CFR §63.11225(a)
(d) The Permittee shall prepare and submit biennial compliance reports in accordance with 40 CFR §63.11225(b) to both the Air Division and the EPA (Region 4). The first report shall be prepared and submitted by **March 1, 2015**, and subsequent reports should be prepared and submitted by March 1st of every other year thereafter.	40 CFR §63.11225(b)
(e) The Permittee shall maintain the applicable records outlined in 40 CFR §63.11225(c) in a form suitable and readily available for expeditious review and shall retain each record for 5 years following the date of each recorded action. The Permittee shall keep each record on-site for at least 2 years after the date of each recorded action, but may keep the records off-site for the remaining 3 years. These records shall include, but may not be limited to, the following:	40 CFR §63.11225(c)
(i) A copy of each notification and report required to the comply with 40 CFR 63, Subpart JJJJJJ, and all documentation supporting any Initial Notification of Applicability or Notification of Compliance Status submitted;	
(ii) Records to document conformance with the management	

Federally Enforceable Provisos	Regulations
practices required by §63.11214 as specified in 40 CFR §63.11225(c)(2)(i) through (v); **(iii)** Records of the occurrence and duration of each malfunction of the boiler or of the associated air pollution control and monitoring equipment; and **(iv)** Records of actions taken during periods of malfunction to minimize emissions in accordance with the general duty to minimize emissions in §63.11205(a), including corrective actions to restore to malfunctioning boiler, air pollution control, or monitoring equipment to its normal or usual manner of operation.	

Emission Unit No. 002 (Lumber Dry Kiln #1)

Summary Page

Description: 175 MBF steam-heated Lumber Dry Kiln #1

Permitted Operating Schedule: $\frac{24 \text{ Hours}}{\text{Day}} \times \frac{7 \text{ Days}}{\text{Week}} \times \frac{52 \text{ Weeks}}{\text{Year}} = \frac{8760 \text{ Hours}}{\text{Year}}$

Emission limitations:

Emission Point No.	Description	Pollutant	Emission limit	Regulation
DK-1	#1 Kiln Vents	PM	$E = 3.59(P)^{0.62}$; or $E = 17.31(P)^{0.16}$	ADEM Admin. Code r. 335-3-4-.04
DK-1	#1 Kiln Vents	VOC	N/A	N/A
DK-1	#1 Kiln Vents	HAP	N/A	N/A

Emission Unit No. 002 (Lumber Dry Kiln #1)

Unit Specific Provisos

Federally Enforceable Provisos	Regulations
1. Applicability	
This unit is subject to the applicable requirements of ADEM Admin. Code r. 335-3-16-.03, "Major Source Operating Permits."	ADEM Admin. Code r. 335-3-16-.03
2. Emission Standards	
The Permittee shall not cause or allow the emission of particulate matter in any one hour from each unit in excess of the amount determined by the following equation: $E = 3.59\ (P)^{0.62}$ ($P<30$ tons/hr); or $E = 17.31\ (P)^{0.16}$ ($P \geq 30$ tons/hr) where E = Emissions in pounds per hour P = Process weight per hour in tons per hour	ADEM Admin. Code r. 335-3-4-.04
3. Compliance and Performance Test Methods and Procedures	
(a) If testing is required, the particulate emission rate shall be measured in accordance with Method 5 at 40 CFR Part 60, Appendix A.	ADEM Admin. Code r. 335-3-1-.05
(b) Any compliance or performance test required shall be conducted and data reduced in accordance with the test methods and procedures contained in each specific permit condition unless the Director (1) specifies or approves, in specific cases, the use of a reference method with minor changes in methodology, (2) approves the use of an equivalent method, or (3) approves the use of an alternative method, the results of which he has determined to be adequate for indicating whether a specific source is in compliance.	ADEM Admin. Code r. 335-3-1-.05
4. Emission Monitoring	
There are no unit specific emission monitoring requirements applicable to this unit.	ADEM Admin. Code r. 335-3-16-.05(c)
5. Recordkeeping and Reporting Requirements	
There are no unit specific recordkeeping or reporting requirements applicable to this unit.	ADEM Admin. Code r. 335-3-16-.05(c)

Emission Unit No. 003 (Lumber Dry Kiln #2)

Summary Page

Description: 40 MBF steam-heated Lumber Dry Kiln #2

Permitted Operating Schedule: $\frac{24 \text{ Hours}}{\text{Day}} \times \frac{7 \text{ Days}}{\text{Week}} \times \frac{52 \text{ Weeks}}{\text{Year}} = \frac{8760 \text{ Hours}}{\text{Year}}$

Emission limitations:

Emission Point No.	Description	Pollutant	Emission limit	Regulation
DK-2	#2 Kiln Vents	PM	$E = 3.59(P)^{0.62}$; or $E = 17.31(P)^{0.16}$	ADEM Admin. Code r. 335-3-4-.04
DK-2	#2 Kiln Vents	VOC	N/A	N/A
DK-2	#2 Kiln Vents	HAP	N/A	N/A

Emission Unit No. 003 (Lumber Dry Kiln #2)

Unit Specific Provisos

Federally Enforceable Provisos	Regulations
1. <u>Applicability</u>	
This unit is subject to the applicable requirements of ADEM Admin. Code r. 335-3-16-.03, "Major Source Operating Permits."	ADEM Admin. Code r. 335-3-16-.03
2. <u>Emission Standards</u>	
The Permittee shall not cause or allow the emission of particulate matter in any one hour from each unit in excess of the amount determined by the following equation: $E = 3.59\ (P)^{0.62}$ ($P<30$ tons/hr); or $E = 17.31\ (P)^{0.16}$ ($P \geq 30$ tons/hr) where E = Emissions in pounds per hour P = Process weight per hour in tons per hour	ADEM Admin. Code r. 335-3-4-.04
3. <u>Compliance and Performance Test Methods and Procedures</u>	
(a) If testing is required, the particulate emission rate shall be measured in accordance with Method 5 at 40 CFR Part 60, Appendix A.	ADEM Admin. Code r. 335-3-1-.05
(b) Any compliance or performance test required shall be conducted and data reduced in accordance with the test methods and procedures contained in each specific permit condition unless the Director (1) specifies or approves, in specific cases, the use of a reference method with minor changes in methodology, (2) approves the use of an equivalent method, or (3) approves the use of an alternative method, the results of which he has determined to be adequate for indicating whether a specific source is in compliance.	ADEM Admin. Code r. 335-3-1-.05
4. <u>Emission Monitoring</u>	
There are no unit specific emission monitoring requirements applicable to this unit.	N/A
5. <u>Recordkeeping and Reporting Requirements</u>	
There are no unit specific recordkeeping or reporting requirements applicable to this unit.	N/A

Emission Unit No. 004 (Planer Mill Pneumatic Transfer System)

Summary Page

Description: Planer mill pneumatic wood residuals transfer system with 3 cyclones

Permitted Operating Schedule: $\frac{24 \text{ Hours}}{\text{Day}} \times \frac{7 \text{ Days}}{\text{Week}} \times \frac{52 \text{ Weeks}}{\text{Year}} = \frac{8760 \text{ Hours}}{\text{Year}}$

Emission limitations:

Emission Point No.	Description	Pollutant	Emission limit	Regulation
C-1	Cyclone #1 (Truck Loading Bin)	PM	$E = 3.59(P)^{0.62}$; or $E = 17.31(P)^{0.16}$	ADEM Admin. Code r. 335-3-4-.04
C-2	Cyclone #2 (Fuel Storage House)	PM	$E = 3.59(P)^{0.62}$; or $E = 17.31(P)^{0.16}$	ADEM Admin. Code r. 335-3-4-.04
C-3	Cyclone #3 (Fuel Storage House)	PM	$E = 3.59(P)^{0.62}$; or $E = 17.31(P)^{0.16}$	ADEM Admin. Code r. 335-3-4-.04

Emission Unit No. 004 (Planer Mill Pneumatic Transfer System)

Unit Specific Provisos

Federally Enforceable Provisos	Regulations
1. <u>Applicability</u>	
This process is subject to the applicable requirements of ADEM Admin. Code r. 335-3-16-.03, "Major Source Operating Permits."	ADEM Admin. Code r. 335-3-16-.03
2. <u>Emission Standards</u>	
(a) The Permittee shall not cause or allow the emission of particulate matter in any one hour from each unit in excess of the amount determined by the following equation: $E = 3.59\ (P)^{0.62}$ ($P<30$ tons/hr); or $E = 17.31\ (P)^{0.16}$ ($P \geq 30$ tons/hr) where E = Emissions in pounds per hour P = Process weight per hour in tons per hour	ADEM Admin. Code r. 335-3-4-.04
(b) Any source of particulate emissions shall not discharge more than one 6-minute average opacity greater than 20% in any 60-minute period. At no time shall any source discharge a 6-minute average opacity of particulate emissions greater than 40%.	ADEM Admin. Code r. 335-3-4-.01(1)
3. <u>Compliance and Performance Test Methods and Procedures</u>	
(a) If testing is required, the particulate emission rate shall be measured in accordance with Method 5 at 40 CFR Part 60, Appendix A.	ADEM Admin. Code r. 335-3-1-.05
(b) If testing is required, the visible emissions shall be determined in accordance with Method 9 at 40 CFR Part 60, Appendix A.	ADEM Admin. Code r. 335-3-1-.05
(a) Any compliance or performance test required shall be conducted and data reduced in accordance with the test methods and procedures contained in each specific permit condition unless the Director (1) specifies or approves, in specific cases, the use of a reference method with minor changes in methodology, (2) approves the use of an equivalent method, or (3) approves the use of an alternative method, the results of which he has determined to be adequate for indicating whether a specific source is in compliance.	ADEM Admin. Code r. 335-3-1-.05

Federally Enforceable Provisos	Regulations
4. <u>Emission Monitoring</u>	
(a) While the process is operating, the Permittee shall have someone familiar with the process observe the visible emissions from the cyclones at least <u>weekly</u> during daylight hours for greater than normal visible emissions as determined by previous observations of normal operation.	ADEM Admin. Code r. 335-3-16-.05(c)
(b) Whenever observed visible emissions are greater than normal, the Permittee shall initiate corrective action as soon as practicable but no longer than 24 hours from the time of observation, followed by an additional observation to confirm that emissions have been reduced to normal.	ADEM Admin. Code r. 335-3-16-.05(c)
(c) To ensure proper operation, the Permittee shall inspect each cyclone at least annually, but more frequently if greater than normal visible emissions are observed. If the results of the inspection indicate that cleaning or maintenance is needed, the Permittee shall initiate such action as soon as practicable but no longer than 24 hours after completing the inspection.	ADEM Admin. Code r. 335-3-16-.05(c)
5. <u>Recordkeeping and Reporting Requirements</u>	
(a) The Permittee shall maintain records of emission monitoring performed in a permanent form on-site and available for inspection for at least five (5) years from the date of generation of each record. These records shall include:	ADEM Admin. Code r. 335-3-16-.05(c)
(i) The date, time, and results of each weekly observation for greater than normal visible emissions;	
(ii) The date(s), nature, and results of any corrective action taken when greater than normal visible emissions were observed;	
(iii) The date(s) each cyclone was inspected for proper operation and, if the results of the inspection indicated that cleaning or emission-related maintenance was needed, the date(s) and nature of the cleaning/maintenance performed.	
(b) The Permittee shall submit a Semiannual Monitoring Report, as required by General Permit Proviso No. 21(a), no later than 60 days after the end of each semiannual reporting period (January 1st to June 30th and July 1st to December 31st). The report shall:	ADEM Admin. Code r. 335-3-16-.05(c)
(i) Certify whether the emission monitoring requirements were accomplished as required, and if not, describe the date and reason any required monitoring was not accomplished;	
(ii) Provide the date, time, and duration of any instance that greater than normal visible emissions were	

Federally Enforceable Provisos	Regulations
observed from a cyclone; **(iii)** Provide the nature and date of any corrective actions taken or preventative measures adopted following an observation of greater than normal visible emissions; and **(iv)** Provide the dates of any inspections and/or cleanings performed during the reporting period.	

Emission Unit No. 005 (Sawmill Operations)

Summary Page

Description: Sawmill Operations

Permitted Operating Schedule: $\frac{24 \text{ Hours}}{\text{Day}} \text{ X } \frac{7 \text{ Days}}{\text{Week}} \text{ X } \frac{52 \text{ Weeks}}{\text{Year}} = \frac{8760 \text{ Hours}}{\text{Year}}$

Emission limitations:

Emission Point No.	Description	Pollutant	Emission limit	Regulation
F-DB	Debarking Fugitives	PM	N/A	N/A
F-SM	Sawmill Fugitives	PM	N/A	N/A

Emission Unit No. 005 (Sawmill Operations)

Unit Specific Provisos

Federally Enforceable Provisos	Regulations
1. <u>Applicability</u>	
This unit is subject to the applicable requirements of ADEM Admin. Code r. 335-3-16-.03, "Major Source Operating Permits."	ADEM Admin. Code r. 335-3-16-.03
2. <u>Emission Standards</u>	
There are no unit specific emission standards applicable to this unit.	N/A
3. <u>Compliance and Performance Test Methods and Procedures</u>	
There are no unit specific compliance and performance test methods and procedures applicable to this unit.	N/A
4. <u>Emission Monitoring</u>	
There are no unit specific emission monitoring requirements applicable to this unit.	N/A
5. <u>Recordkeeping and Reporting Requirements</u>	
There are no unit specific recordkeeping and reporting requirements applicable to this unit.	N/A