

# ADEQ OPERATING AIR PERMIT

Pursuant to the Regulations of the Arkansas Operating Air Permit Program, Regulation #26:

**Renewal #1**

**Permit #:1140-AOP-R3**

**IS ISSUED TO:**

**Anthony Timberlands Inc.**

**Malvern, AR 72104**

**Hot Spring County**

**AFIN: 30-00084**

IS SUBJECT TO ALL LIMITS AND CONDITIONS CONTAINED HEREIN THIS PERMIT AUTHORIZES THE ABOVE REFERENCED PERMITTEE TO INSTALL, OPERATE, AND MAINTAIN THE EQUIPMENT AND EMISSION UNITS DESCRIBED IN THE PERMIT APPLICATION AND ON THE FOLLOWING PAGES. THIS PERMIT IS VALID BETWEEN:

July 28, 2004                      and                      July 27, 2009

AND IS SUBJECT TO ALL LIMITS AND CONDITIONS CONTAINED HEREIN.

Signed:

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Mike Porta  
Interim Chief, Air Division

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Date Amended

Anthony Timberlands, Inc.  
Permit #: 1140-AOP-R3  
AFIN: 30-00084

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**Table 1 - List of Acronyms**

|                  |   |
|------------------|---|
| A.C.A.           | Arkansas Code Annotated                     |
| CFR              | Code of Federal Regulations                 |
| CO               | Carbon Monoxide                             |
| CSN              | County Serial Number                        |
| HAP              | Hazardous Air Pollutant                     |
| lb/hr            | Pound per hour                              |
| MVAC             | Motor Vehicle Air Conditioner               |
| No.              | Number                                      |
| NO <sub>x</sub>  | Nitrogen Oxide                              |
| PM               | Particulate matter                          |
| PM <sub>10</sub> | Particulate matter smaller than ten microns |
| SNAP             | Significant New Alternatives Program (SNAP) |
| SO <sub>2</sub>  | Sulfur dioxide                              |
| SSM              | Startup, Shutdown, and Malfunction Plan     |
| Tpy              | Ton per year                                |
| UTM              | Universal Transverse Mercator               |
| VOC              | Volatile Organic Compound                   |

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**Section I: FACILITY INFORMATION**

|                        |                                      |
|------------------------|--------------------------------------|
| PERMITTEE:             | Anthony Timberlands Inc.             |
| AFIN:                  | 30-00084                             |
| PERMIT NUMBER:         | 1140-AOP-R3                          |
| FACILITY ADDRESS:      | 930 Cabe Street<br>Malvern, AR 72104 |
| MAILING ADDRESS        | Same as facility address             |
| COUNTY:                | Hot Spring                           |
| CONTACT POSITION:      | James Jones, Jr                      |
| TELEPHONE NUMBER:      | (870) 337-7551                       |
| REVIEWING ENGINEER:    | Bryan Leamons                        |
| UTM North – South (Y): | 3802.6                               |
| UTM East – West (X):   | 516.8                                |
| Zone:                  | 15                                   |

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## **Section II: INTRODUCTION**

### **Summary of Permit Activity**

Anthony Timberlands, Inc. currently operates a pine sawmill located at 930 Cabe Street in Malvern, Hot Spring County, Arkansas. This permitting action is a renewal of the previous version of the permit and contains no modifications. This permit incorporates the necessary requirements of 40 CFR Part 64, *Compliance Assurance Monitoring (CAM)*, including the approved CAM Plan at sources SN-18 and SN-19, Wood-fired Boilers.

### **Process Description**

#### Log Handling and Storage

Pine logs are transported by truck from the forest to the Anthony Timberlands Malvern facility. Rubber-tired mobile equipment to unload the logs which are transferred to one of the following areas: the infeed system for immediate processing; dry storage for future processing; or the wet storage area for long-term future demands.

The wet storage system is self-contained consisting of a storage area, a water storage pond, and a wet circulation system. Pumps are used to spray water from the pond onto logs in the storage area. The runoff from the spraying operations is gravity fed back into the water storage pond for reuse.

#### Debarking Operations

Infeed systems convey the green logs one at a time to the debarkers where bark is removed. The bark is collected in hoppers and chain conveyed to a truck loading bin. The majority of bark is sold and transported to mulch users (SN-13). Bark, which is not suitable for market demands, is loaded with sawdust and sold as fuel.

#### Sawmill Operations

The debarked logs proceed to the sawmill where they are cut by deck saws into different lengths and manufactured into rough dimension lumber. The lumber is trimmed and edged to dimensions that can be dried and converted to a sellable product while minimizing the amount of waste generated. The wood waste is collected by chutes and hoppers before being conveyed to a chipper. The chipper uses screens to reduce wood waste into paper mill quality chips of variable lengths, widths, and thicknesses. The sized chips are blown into a cyclone (SN-01), which is 99.99% efficient in collecting throughput.

The sawdust and chips generated from sawing operations are conveyed to truck loading bins (SN-13). The sawdust is sold as fuel.

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### Dip Vat

Green lumber is submerged in a 7,900 gallon dip vat (SN-17) to prevent the decaying and staining of the lumber and to remove any insects that may still be residing on the lumber. Only certain lumber is dipped in this tank.

### Lumber Drying

Three steam heated, high temperature drying kilns (SN-11, SN-12, and SN-16) are used to reduce the moisture content of the lumber to 15-19 percent on a dry basis depending upon the material size and thickness. The kilns are being permitted to dry a maximum of 120,000,000 board feet of lumber during any consecutive 12-month period. The kilns are equipped with multiple vents.

### Lumber Finishing

The dried lumber is cooled before being sent through the finishing process. In this operation, the lumber is “dressed” to convert the surface texture from a rough sawn to a smooth finish. Wood shavings are generated from this finishing process. These wood shavings are sold for use in the manufacturing of particle board.

The finished lumber is trimmed, graded, and sorted into packages for shipping. The finished lumber inventory fluctuates with customer demand.

The wood shavings are generated from a trim saw, a dry trim hog, and a planer matcher. These shavings are gathered by vacuum hoods and pans on three branch lines, conveyed to a common system, routed through a blower, and air conveyed to a centrifugal cyclone collector (SN-09) located atop a peerless bin (SN-10). Shavings are unloaded from the peerless bin (SN-10) onto trucks. A maximum of 58,334 tons of wood shavings can be passed through the centrifugal cyclone collector (SN-09) and peerless bin (SN-10) annually. This cyclone is conservatively assumed to be 80% efficient in collecting throughput. The old Planer Mill cyclone (SN-04) was deactivated in 1997.

The old wood shavings unloading system (SN-05) was dismantled.

### Wood Flour Production

The pre-grinder wood flour mill cyclone (SN-06), the wood flour and shavings bag filter (SN-07), and wood flour/shavings truck loadouts (SN-08) were removed from service during the summer of 1997 due to numerous improvements to the Planer Mill handling system, mainly the addition of a more efficient cyclone and Peerless Bin for waste loadouts.

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Wood-Burning and Natural Gas Boilers

The two wood-fired boilers, SN-18 and SN-19, are rated at approximately 33.446 MMBTU/hr. The boilers provide the steam needed for the lumber drying kilns. Both are equipped with a mechanical fly ash collector. Two existing natural gas boilers (SN-02 and SN-03) provide supplemental steam when needed or operate in lieu of the wood-fired boilers in the event that wood fuel is unavailable or cost-prohibitive.

Loadouts

Bark mulch (generated from log processing), sawdust/bark (generated from the sawmill and green trimmer), and pine chips (generated from the sawmill and green trimmer) are sent to storage bins where the material is loaded and shipped out in trucks [SN-13 (bark mulch/sawdust/bark) and SN-14 (pine chips)].

Fuel Storage Tank

An aboveground 12,500 gallon tank consisting of two compartments (one which has a capacity of 10,000 gallons to store diesel fuel and another having the ability to hold 2,500 gallons of gasoline) is present at the facility. The contents of this dual compartment vessel are used to fuel facility vehicles and equipment.

**Regulations**

The following table contains the regulations applicable to this permit.

**Table 2 - Regulations**

| Source No.               | Regulation Citations  |
|--------------------------|---|
| All Sources Except SN-15 | Arkansas Air Pollution Code (Regulation 18)   |
| All Sources              | Regulations of the Arkansas Plan of Implementation for Air Pollution Control (Regulation 19)  |
| All Sources              | Regulations of Arkansas Air Permit Operating Program (Regulation 26)  |
| NA                       | This facility is not subject to New Source Performance Standards (NSPS), 40 CFR Part 60, Subpart Dc – <i>Standards of Performance for Small Industrial-Commercial-Institutional Steam Generating Units</i> because no boilers have been constructed or modified since June 9, 1989. |
| 18 and 19                | 40 CFR 64, <i>Compliance Assurance Monitoring (CAM)</i>   |

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**Emission Summary**

The following table is a summary of emissions from the facility. The following table contains cross-references to the pages containing specific conditions and emissions for each source. This table, in itself, is not an enforceable condition of the permit.

**Table 3 – Emission Summary**

| Emission Summary          |             |                  |                |       |                      |
|---------------------------|-------------|------------------|----------------|-------|----------------------|
| Source No.                | Description | Pollutant        | Emission Rates |       | Cross Reference Page |
|                           |             |                  | lb/hr          | tpy   |                      |
| Total Allowable Emissions |             | PM               | 65.1           | 172.3 |                      |
|                           |             | PM <sub>10</sub> | 29.1           | 117.0 |                      |
|                           |             | SO <sub>2</sub>  | 1.8            | 7.6   |                      |
|                           |             | VOC              | 142.4          | 220.2 |                      |
|                           |             | CO               | 64.1           | 193.4 |                      |
|                           |             | NO <sub>x</sub>  | 19.6           | 85.6  |                      |

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| Emission Summary |                   |                                     |                |       |                      |
|------------------|-------------------|-------------------------------------|----------------|-------|----------------------|
| Source No.       | Description       | Pollutant                           | Emission Rates |       | Cross Reference Page |
|                  |                   |                                     | lb/hr          | tpy   |                      |
|                  | HAPs              | Lead                                | 0.01           | 0.01  |                      |
|                  |                   | Acrolein*                           | 0.14           | 0.59  |                      |
|                  |                   | Benzene*                            | 0.14           | 0.62  |                      |
|                  |                   | Cumene*                             | 0.40           | 0.40  |                      |
|                  |                   | Diethylene glycol monomethyl ether* | 3.70           | 3.70  |                      |
|                  |                   | Formaldehyde*                       | 0.78           | 13.25 |                      |
|                  |                   | Hydrogen Chloride                   | 0.64           | 2.78  |                      |
|                  |                   | Methanol*                           | 8.29           | 12.7  |                      |
|                  |                   | POM*                                | 0.01           | 0.01  |                      |
|                  |                   | Phenol*                             | 0.01           | 0.01  |                      |
|                  |                   | Styrene*                            | 0.07           | 0.28  |                      |
|                  |                   | Xylene*                             | 0.40           | 0.40  |                      |
|                  |                   | Arsenic                             | 0.01           | 0.01  |                      |
|                  |                   | Chromium VI                         | 0.01           | 0.01  |                      |
|                  |                   | Manganese                           | 0.06           | 0.24  |                      |
| 01               | Chipper Discharge | PM                                  | 0.2            | 0.5   | 14                   |
|                  |                   | PM <sub>10</sub>                    | 0.2            | 0.5   |                      |
| 02               | No. 1 Boiler (NG) | PM                                  | 0.2            | 0.8   | 16                   |
|                  |                   | PM <sub>10</sub>                    | 0.2            | 0.8   |                      |
|                  |                   | SO <sub>2</sub>                     | 0.1            | 0.1   |                      |
|                  |                   | VOC                                 | 0.2            | 0.6   |                      |
|                  |                   | CO                                  | 2.0            | 8.8   |                      |
|                  |                   | NO <sub>x</sub>                     | 2.4            | 10.6  |                      |
| 03               | No. 2 Boiler (NG) | PM                                  | 0.2            | 0.8   | 16                   |
|                  |                   | PM <sub>10</sub>                    | 0.2            | 0.8   |                      |
|                  |                   | SO <sub>2</sub>                     | 0.1            | 0.1   |                      |
|                  |                   | VOC                                 | 0.2            | 0.6   |                      |
|                  |                   | CO                                  | 2.0            | 8.8   |                      |
|                  |                   | NO <sub>x</sub>                     | 2.4            | 10.6  |                      |

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| Emission Summary |  |   |                                 |                                 |                      |
|------------------|--|---|---------------------------------|---------------------------------|----------------------|
| Source No.       | Description  | Pollutant   | Emission Rates                  |                                 | Cross Reference Page |
|                  |  |   | lb/hr                           | tpy                             |                      |
| 09               | Planar Mill Cyclone                                | PM<br>PM <sub>10</sub>  | 1.5<br>1.5                      | 2.1<br>2.1                      | 18                   |
| 10               | Planar Mill Peerless Bin                           | PM<br>PM <sub>10</sub>  | 10.6<br>0.1                     | 14.6<br>0.1                     | 20                   |
| 11,12,<br>16     | Drying Kiln #1, Drying Kiln #2, and Drying Kiln #3 | VOC<br><br>Formaldehyde<br><br>Methanol                                       | 136.5<br><br>0.63<br><br>8.19   | 210.0<br><br>0.96<br><br>12.6   | 22                   |
| 13               | Bark/Mulch/Sawdust Loadouts                        | PM<br>PM <sub>10</sub>  | 13.7<br>0.1                     | 32.1<br>0.1                     | 23                   |
| 14               | Chip Bin Loadout                                   | PM<br>PM <sub>10</sub>  | 1.8<br>1.8                      | 4.1<br>4.1                      | 25                   |
| 15               | Fuel [Two Compartment] Storage Tank                | VOC   | 0.2                             | 0.7                             | 27                   |
| 17               | Chemical Dip Vat                                   | VOC<br>Cumene*<br>Diethylene glycol monomethyl ether*<br>Methanol*<br>Xylene* | 4.5<br>0.4<br>3.7<br>0.1<br>0.4 | 4.5<br>0.4<br>3.7<br>0.1<br>0.4 | 28                   |

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| Emission Summary |                   |                   |                |      |                      |
|------------------|-------------------|-------------------|----------------|------|----------------------|
| Source No.       | Description       | Pollutant         | Emission Rates |      | Cross Reference Page |
|                  |                   |                   | lb/hr          | tpy  |                      |
| 18               | Wood-Fired Boiler | PM                | 11.7           | 51.3 | 31                   |
|                  |                   | PM <sub>10</sub>  | 10.7           | 46.9 |                      |
|                  |                   | SO <sub>2</sub>   | 0.8            | 3.7  |                      |
|                  |                   | VOC               | 0.4            | 1.9  |                      |
|                  |                   | CO                | 20.1           | 87.9 |                      |
|                  |                   | NO <sub>x</sub>   | 7.4            | 32.2 |                      |
|                  |                   | Lead              | 0.01           | 0.01 |                      |
|                  |                   | Acrolein          | 0.14           | 0.59 |                      |
|                  |                   | Benzene           | 0.14           | 0.62 |                      |
|                  |                   | Formaldehyde      | 0.15           | 0.65 |                      |
|                  |                   | Hydrogen Chloride | 0.64           | 2.78 |                      |
|                  |                   | POM               | 0.01           | 0.01 |                      |
|                  |                   | Phenol            | 0.01           | 0.01 |                      |
|                  |                   | Styrene           | 0.07           | 0.28 |                      |
|                  |                   | Arsenic           | 0.01           | 0.01 |                      |
|                  |                   | Chromium, Hex     | 0.01           | 0.01 |                      |
| Manganese        | 0.06              | 0.24              |                |      |                      |
| 19               | Wood-Fired Boiler | PM                | 11.7           | 51.3 | 31                   |
|                  |                   | PM <sub>10</sub>  | 10.7           | 46.9 |                      |
|                  |                   | SO <sub>2</sub>   | 0.8            | 3.7  |                      |
|                  |                   | VOC               | 0.4            | 1.9  |                      |
|                  |                   | CO                | 20.1           | 87.9 |                      |
|                  |                   | NO <sub>x</sub>   | 7.4            | 32.2 |                      |
|                  |                   | Lead              | 0.01           | 0.01 |                      |
|                  |                   | Acrolein          | 0.14           | 0.59 |                      |
|                  |                   | Benzene           | 0.14           | 0.62 |                      |
|                  |                   | Formaldehyde      | 0.15           | 0.65 |                      |
|                  |                   | Hydrogen Chloride | 0.64           | 2.78 |                      |
|                  |                   | POM               | 0.01           | 0.01 |                      |
|                  |                   | Phenol            | 0.01           | 0.01 |                      |
|                  |                   | Styrene           | 0.07           | 0.28 |                      |
|                  |                   | Arsenic           | 0.01           | 0.01 |                      |
|                  |                   | Chromium, Hex     | 0.01           | 0.01 |                      |
| Manganese        | 0.06              | 0.24              |                |      |                      |

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| Emission Summary |             |           |                |     |                      |
|------------------|-------------|-----------|----------------|-----|----------------------|
| Source No.       | Description | Pollutant | Emission Rates |     | Cross Reference Page |
|                  |             |           | lb/hr          | tpy |                      |

\* HAPs included in the VOC totals. Other HAPs are not included in any other totals unless specifically stated.  
 \*\* Air Contaminants such as ammonia, acetone, and certain halogenated solvents are not VOCs or HAPs.

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### **Section III: PERMIT HISTORY**

- 1140-A Issued May 20, 1991 - This was the initial air permit issued to the facility. ATI replaced two wood fired boilers with two natural gas boilers.
- 1140-AR-1 Issued November 9, 1992 - The facility revised the emission rates for particulate matter.
- 1140-AOP-R0 Issued April 2, 1999 - This was the first permit for Anthony Timberlands under the Regulations of the Arkansas Operating Air Permit Program (Regulation 26).
- 1140-AOP-R1 Issued June 14, 2002 - The facility modified their permit to include three lumber drying kilns (SN-11, SN-12, and SN-16); bark, mulch, and sawdust loadouts (SN-13), chip bin loadout (SN-14), a two compartment fuel storage tank (SN-15), and a lumber dip vat (SN-17), which were not previously permitted. Hazardous air pollutants, specifically from the use of the chemical dip vat (SN-17), were speciated and quantified for the first time with this air permit. The following sources were removed from service in mid-1997: Planer Shavings (SN-04), Wood Shavings Unloading (SN-05), Pre-Grinder Wood Flour Mill (SN-06), Wood Flour and Shavings (SN-07), and Wood Flour and Shavings Truck Loading (SN-08). New sources that were added to the facility were a Planer Mill Cyclone (SN-09) and a Planer Mill Peerless Bin (SN-10).
- 1140-AOP-R2 Issued April 16, 2003 - The facility modified their permit in order to install two wood-fired boilers, SN-18 and SN-19, to provide the steam needed for the lumber drying kilns. The existing natural gas-fired boilers that were serving that purpose were maintained in order to provide supplemental steam as needed. Emissions are increased by 117.3 tons/yr PM, 62.0 tons/yr PM<sub>10</sub>, 3.8 tons/yr VOC, 64.6 tons/yr NO<sub>x</sub>, and 175.8 tons/yr CO.

**SN-01**

**Chipper Discharge**

**Description**

The wood chip throughput and associated particulate matter emissions for the Chipper Discharge are based upon an annual lumber production rate of 120 MM board feet. The cyclone is being conservatively estimated to be 80% in removing particulate.

**Specific Conditions**

1. The permit allows the following maximum emission rates. The permittee will demonstrate compliance with this condition by compliance with Plantwide Condition 11. [Regulation No. 19 §19.501 *et seq.* effective February 15, 1999, and 40 CFR Part 52, Subpart E]

**Table 4 – Maximum Criteria Emission Rates for SN-01**

| Pollutant        | lb/hr | tpy |
|------------------|-------|-----|
| PM <sub>10</sub> | 0.2   | 0.5 |

2. The permittee shall not exceed the emission rates set forth in the following table. The permittee will demonstrate compliance with this condition by compliance with Plantwide Condition 11. [Regulation No. §18.801 effective February 15, 1999, and A. C.A. §8-4-203 as referenced by §8-4-304 and §8-4-311]

**Table 5 – Maximum Non-Criteria Emission Rates for SN-01**

| Pollutant | lb/hr | Tpy |
|-----------|-------|-----|
| PM        | 0.2   | 0.5 |

3. The permittee shall not exceed 20% opacity from source SN-01 as measured by EPA Reference Method 9. [Regulation No. §19.503 and 40 CFR Part 52, Subpart E]
4. The permittee shall perform daily observations of the opacity from source SN-09, which shall be conducted by a person trained in EPA Reference Method 9. If visible emissions appear to be in excess of 20%, the permittee shall immediately take action to identify the cause of the excess visible emissions, implement corrective action, and document that visible emissions do not appear to be in excess of the permitted opacity following the corrective action. The permittee shall maintain records of any visible emissions which appeared to be in excess of the permitted opacity, the corrective action taken, and if visible emissions were present following the corrective action. These records shall be

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kept on site and made available to Department personnel upon request. [Regulation No. §19.705 and 40 CFR Part 52, Subpart E]

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**SN-02 and SN-03**

**Boiler No. 1 and Boiler No. 2**

**Description**

Boilers No. 1 and 2 are Holman 700 hp Scotch Marine Type Boilers, which burn natural gas to generate supplemental steam for the drying kilns (SN-11, SN-12, and SN-16). The Boilers will be permitted at the capacity of the equipment.

**Specific Conditions**

5. The permittee shall not exceed the emission rates set forth in the following table. Compliance with this condition will be demonstrated by compliance with Specific Condition 8. [Regulation No. 19 §19.501 *et seq.* effective February 15, 1999, and 40 CFR Part 52, Subpart E]

**Table 6 - Maximum Criteria Emission Rates for SN-02 and SN-03**

| SN | Pollutant        | lb/hr | tpy  |
|----|------------------|-------|------|
| 02 | PM <sub>10</sub> | 0.2   | 0.8  |
|    | SO <sub>2</sub>  | 0.1   | 0.1  |
|    | VOC              | 0.2   | 0.6  |
|    | CO               | 2.0   | 8.8  |
|    | NO <sub>x</sub>  | 2.4   | 10.6 |
| 03 | PM <sub>10</sub> | 0.2   | 0.8  |
|    | SO <sub>2</sub>  | 0.1   | 0.1  |
|    | VOC              | 0.2   | 0.6  |
|    | CO               | 2.0   | 8.8  |
|    | NO <sub>x</sub>  | 2.4   | 10.6 |

6. The permittee shall not exceed the emission rates set forth in the following table. Compliance with this condition will be demonstrated by compliance with Specific Condition 8. [Regulation No. §18.801 effective February 15, 1999, and A. C.A. §8-4-203 as referenced by §8-4-304 and §8-4-311]

**Table 7 - Maximum Non-Criteria Emission Rates for SN-02 and SN-03**

| SN | Pollutant | lb/hr | tpy |
|----|-----------|-------|-----|
| 02 | PM        | 0.2   | 0.8 |

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| SN | Pollutant | lb/hr | tpy |
|----|-----------|-------|-----|
| 03 | PM        | 0.2   | 0.8 |

7. The permittee shall not exceed 5% opacity from source SN-02 and SN-03 as measured by EPA Reference Method 9. Compliance with this Specific Condition shall be demonstrated through compliance with Specific Condition 8. [Regulation No. §18.501 and 40 CFR Part 52, Subpart E]
8. The permittee shall use natural gas only to fuel SN-02 and SN-03. [Regulation No. §19.705 and A.C.A. §8-4-203 as referenced by §8-4-304 and §8-4-311 and 40 CFR 70.6]

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**SN-09**

**Planer Mill Cyclone**

**Source Description**

This system replaced a shavings collection, wood flour producing, and wood shavings/flour loading/unloading system. The cyclone was conservatively estimated to be 80% efficient in removing particulate. The wood chip throughput and associated particulate matter emissions for the Planer Mill Cyclone are based upon an annual lumber production rate of 120 MM board feet.

**Specific Conditions**

9. The permittee shall not exceed the emission rates set forth in the following table. Compliance with this condition will be demonstrated by compliance with Plantwide Condition 11. [Regulation No. 19 §19.501 *et seq.* effective February 15, 1999 and 40 CFR Part 52, Subpart E]

**Table 8 - Maximum Criteria Emission Rate for SN-09**

| Pollutant        | lb/hr | tpy |
|------------------|-------|-----|
| PM <sub>10</sub> | 1.5   | 2.1 |

10. The permittee shall not exceed the emission rates set forth in the following table. Compliance with this condition will be demonstrated by compliance with Plantwide Condition 11. [Regulation No. §18.801 effective February 15, 1999, and A. C.A. §8-4-203 as referenced by §8-4-304 and §8-4-311]

**Table 9 - Maximum Non-Criteria Emission Rate for SN-09**

| Pollutant | lb/hr | tpy |
|-----------|-------|-----|
| PM        | 1.5   | 2.1 |

11. The permittee shall not exceed 20% opacity from source SN-9 as measured by EPA Reference Method 9. [Regulation No. §19.503 and 40 CFR Part 52, Subpart E]

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12. The permittee shall perform daily observations of the opacity from source SN-09, which shall be conducted by a person trained in EPA Reference Method 9. If visible emissions appear to be in excess of 20%, the permittee shall immediately take action to identify the cause of the excess visible emissions, implement corrective action, and document that visible emissions do not appear to be in excess of the permitted opacity following the corrective action. The permittee shall maintain records of any visible emissions which appeared to be in excess of the permitted opacity, the corrective action taken, and if visible emissions were present following the corrective action. These records shall be kept on site and made available to Department personnel upon request. [Regulation No. §19.705 and 40 CFR Part 52, Subpart E]

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**SN-10**

**Planer Mill Peerless Bin**

**Source Description**

This system replaced a shavings collection, wood flour producing, and wood shavings/flour loading/unloading system from a previous permit modification. The wood chip throughput and associated particulate matter emissions for the Planer Mill Peerless Bin are based upon an annual lumber production rate of 120 MM board feet.

**Specific Conditions**

13. The permittee shall not exceed the emission rates set forth in the following table. Compliance with this condition will be demonstrated by compliance with Plantwide Condition 11. [Regulation No. 19 §19.501 *et seq.* effective February 15, 1999 and 40 CFR Part 52, Subpart E]

**Table 10 - Maximum Criteria Emission Rate for SN-10**

| Pollutant        | lb/hr | tpy |
|------------------|-------|-----|
| PM <sub>10</sub> | 0.1   | 0.1 |

14. The permittee shall not exceed the emission rates set forth in the following table. Compliance with this condition will be demonstrated by compliance with Plantwide Condition 11. [Regulation No. §18.801 effective February 15, 1999, and A. C.A. §8-4-203 as referenced by §8-4-304 and §8-4-311]

**Table 11 - Maximum Non-Criteria Emission Rate for SN-10**

| Pollutant | lb/hr | tpy  |
|-----------|-------|------|
| PM        | 10.6  | 14.6 |

15. The permittee shall not exceed 20% opacity from source SN-9 as measured by EPA Reference Method 9. [Regulation No. §19.503 and 40 CFR Part 52, Subpart E]

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16. The permittee shall perform weekly observations of the opacity from source SN-10, which shall be conducted by a person trained in EPA Reference Method 9. If visible emissions appear to be in excess of 20%, the permittee shall immediately take action to identify the cause of the excess visible emissions, implement corrective action, and document that visible emissions do not appear to be in excess of the permitted opacity following the corrective action. The permittee shall maintain records of any visible emissions which appeared to be in excess of the permitted opacity, the corrective action taken, and if visible emissions were present following the corrective action. These records shall be kept on site and made available to Department personnel upon request. [Regulation No. §19.705 and 40 CFR Part 52, Subpart E]

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**SN-11, 12, and 16**

**Drying Kilns**

**Source Description**

The steam heated drying kilns are used to reduce the moisture content (dry basis) of the lumber to approximately 15-19 percent depending on the material size and thickness. The throughput and associated volatile organic compound emissions for the drying kilns are based upon an annual lumber production rate of 120 MM board feet.

**Specific Conditions**

17. The permittee shall not exceed the emission rates set forth in the following table. Compliance with this condition will be demonstrated by compliance with Plantwide Condition 11. [Regulation No. 19 §19.501 *et seq.* effective February 15, 1999 and 40 CFR Part 52, Subpart E]

**Table 12 - Maximum Criteria Emission Rates for SN-11, SN-12, and SN-16**

| Pollutant | lb/hr | tpy   |
|-----------|-------|-------|
| VOC       | 136.5 | 210.0 |

18. The permittee shall not exceed the emission rates set forth in the following table. Compliance with this condition will be demonstrated by compliance with Plantwide Condition 11. [Regulation No. §18.801 effective February 15, 1999, and A. C.A. §8-4-203 as referenced by §8-4-304 and §8-4-311]

**Table 13 - Maximum Non-Criteria Emission Rates for SN-11, SN-12, and SN-16**

| Pollutant    | lb/hr | tpy  |
|--------------|-------|------|
| Formaldehyde | 0.63  | 0.96 |
| Methanol     | 8.19  | 12.6 |

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**SN-13**

**Bark/Mulch/Sawdust Loadouts**

**Source Description**

Bark mulch, sawdust, and bark generated from log processing are sent to storage bins where they are loaded and shipped out in trucks. Particulate emissions are based upon recent sieve testing conducted at a competitor's softwood lumber mill. The bark mulch/sawdust/bark throughputs and associated particulate matter emissions for these loadouts are based upon an annual lumber production rate of 120 MM board feet.

**Specific Conditions**

19. The permittee shall not exceed the emission rates set forth in the following table. Compliance with this condition will be demonstrated by compliance with Plantwide Condition 11. [Regulation No. 19 §19.501 *et seq.* effective February 15, 1999, and 40 CFR Part 52, Subpart E]

**Table 14 - Maximum Criteria Emission Rate for SN-13**

| Pollutant        | lb/hr | tpy |
|------------------|-------|-----|
| PM <sub>10</sub> | 0.1   | 0.1 |

20. The permittee shall not exceed the emission rates set forth in the following table. Compliance with this condition will be demonstrated by compliance with Plantwide Condition 11. [Regulation No. §18.801 effective February 15, 1999, and A. C.A. §8-4-203 as referenced by §8-4-304 and §8-4-311]

**Table 15 - Maximum Non-Criteria Emission Rate for SN-13**

| Pollutant | lb/hr | tpy  |
|-----------|-------|------|
| PM        | 13.7  | 32.1 |

21. The permittee shall not exceed 20% opacity from source SN-9 as measured by EPA Reference Method 9. [Regulation No. §19.503 and 40 CFR Part 52, Subpart E]

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22. The permittee shall perform weekly observations of the opacity from source SN-13, which shall be conducted by a person trained in EPA Reference Method 9. If visible emissions appear to be in excess of 20%, the permittee shall immediately take action to identify the cause of the excess visible emissions, implement corrective action, and document that visible emissions do not appear to be in excess of the permitted opacity following the corrective action. The permittee shall maintain records of any visible emissions which appeared to be in excess of the permitted opacity, the corrective action taken, and if visible emissions were present following the corrective action. These records shall be kept on site and made available to Department personnel upon request. [Regulation §19.705 and 40 CFR Part 52, Subpart E]

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**SN-14**

**Chip Bin Loadout**

**Source Description**

Pine chips generated from log processing are sent to storage bins where they are loaded and shipped out in trucks. Particulate emissions are based upon recent sieve testing conducted at a competitor's softwood lumber mill. The pine chips throughput and associated particulate matter emissions for these loadouts are based upon an annual lumber production rate of 120 MM board feet.

**Specific Conditions**

23. The permittee shall not exceed the emission rates set forth in the following table. Compliance with this condition will be demonstrated by compliance with Plantwide Condition 11. [Regulation No. §19.501 *et seq.* effective February 15, 1999, and 40 CFR Part 52, Subpart E]

**Table 16 - Maximum Criteria Emission Rate for SN-14**

| Pollutant        | lb/hr | tpy |
|------------------|-------|-----|
| PM <sub>10</sub> | 1.8   | 4.1 |

24. The permittee shall not exceed the emission rates set forth in the following table. Compliance with this condition will be demonstrated by compliance with Plantwide Condition 11. [Regulation No. §18.801 effective February 15, 1999, and A. C.A. §8-4-203 as referenced by §8-4-304 and §8-4-311]

**Table 17 - Maximum Non-Criteria Emission Rate for SN-14**

| Pollutant | lb/hr | tpy |
|-----------|-------|-----|
| PM        | 1.8   | 4.1 |

25. The permittee shall not exceed 20% opacity from source SN-9 as measured by EPA Reference Method 9. [Regulation No. §19.503 and 40 CFR Part 52, Subpart E]

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26. The permittee shall perform weekly observations of the opacity from source SN-14, which shall be conducted by a person trained in EPA Reference Method 9. If visible emissions appear to be in excess of 20%, the permittee shall immediately take action to identify the cause of the excess visible emissions, implement corrective action, and document that visible emissions do not appear to be in excess of the permitted opacity following the corrective action. The permittee shall maintain records of any visible emissions which appeared to be in excess of the permitted opacity, the corrective action taken, and if visible emissions were present following the corrective action. These records shall be kept on site and made available to Department personnel upon request. [Regulation No. §19.705 and 40 CFR Part 52, Subpart E]

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**SN-15**

**Fuel [Two-Compartment] Storage Tank [12,500 gallons]**

**Source Description**

This aboveground tank consists of two compartments: one which has a capacity of 10,000 gallons to store diesel fuel another having the ability to hold 2,500 gallons of gasoline. The contents of this two- compartment vessel are used to fuel facility vehicles and equipment.

**Specific Conditions**

27. The permittee shall not exceed the emission rates set forth in the following table. Compliance with this condition will be demonstrated by compliance with Specific Conditions 28 and 29. [Regulation No. 19 §19.501 *et seq.* effective February 15, 1999 and 40 CFR Part 52, Subpart E]

**Table 18 - Maximum Criteria Emission Rate for SN-15**

| Pollutant | lb/hr | tpy |
|-----------|-------|-----|
| VOC       | 0.2   | 0.7 |

28. The permittee shall not exceed an annual diesel fuel usage of 150,000 gallons per consecutive 12-month period. [Regulation No. §19.705 of Regulation 19 and A.C.A. §8-4-203 as referenced by A.C.A. §8-4-304 and §8-4-311 and 40 CFR 70.6]
29. The permittee shall not exceed an annual gasoline usage of 50,000 gallons per consecutive 12-month period. [Regulation No. §19.705 of Regulation 19 and A.C.A. §8-4-203 as referenced by A.C.A. §8-4-304 and §8-4-311 and 40 CFR 70.6]
30. The permittee shall maintain monthly records which demonstrate compliance with Specific Condition 28 and 29. Records shall be updated by the fifteenth day of the month following the month for which the records pertain. These records shall be kept on site, and shall be made available to Department personnel upon request. A 12-month rolling total and each individual month's data shall be submitted in accordance with General Provision 7. [Regulation No. §19.705 of Regulation 19 and 40 CFR Part 52]

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**SN-17**

**Chemical Dip Vat [7,900 gallons]**

**Source Description**

Green lumber is submerged in dipping chemicals to prevent the decaying and staining of the lumber and to remove any insects that may still be present on the lumber. The dipping chemicals are stored in a 7,900 gallon open top vat.

**Specific Conditions**

31. The permittee shall not exceed the emission rates set forth in the following table. Compliance with this condition will be demonstrated by compliance with Specific Condition 33 and 35. [Regulation No. 19 §19.501 *et seq.* effective February 15, 1999 and 40 CFR Part 52, Subpart E]

**Table 19 - Maximum Criteria Emission Rate for SN-17**

| Pollutant | lb/hr | tpy |
|-----------|-------|-----|
| VOC       | 4.5   | 4.5 |

32. The permittee shall not exceed the emission rates set forth in the following table. Compliance with this condition will be demonstrated by compliance with Specific Condition 33 and 37 - 40. [Regulation No. §18.801 effective February 15, 1999, and A. C.A. §8-4-203 as referenced by §8-4-304 and §8-4-311]

**Table 20 - Maximum Non-Criteria Emission Rate for SN-17**

| Pollutant                                   | lb/hr | tpy |
|---|-------|-----|
| Cumene                                      | 0.4   | 0.4 |
| Diethylene glycol monomethyl ether Methanol | 3.7   | 3.7 |
| Xylene                                      | 0.1   | 0.1 |
|   | 0.4   | 0.4 |

33. The permittee shall not use more than 1,334 gallons of dip chemicals per consecutive 12 month period. [§19.705 of Regulation 19, A.C.A. §8-4-203 as referenced by A.C.A. §8-4-304 and §8-4-311 and 40 CFR 70.6]

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34. The permittee shall maintain records, which demonstrate compliance with Specific Condition 33. Records shall be updated by the fifteenth day of the month following the month for which the records pertain. These records shall be kept on site, and shall be made available to Department personnel upon request. A twelve- month rolling total and each individual month's data shall be submitted in accordance with General Provision 7. [Regulation No. §19.705 of Regulation 19 and A.C.A. §8-4-203 as referenced by A.C.A. §8-4-304 and §8-4-311]
35. The permittee shall not use a dip chemical that has a VOC content higher than 6.72 lb/gal. [Regulation No. §19.705 of Regulation 19 and A.C.A. §8-4-203 as referenced by A.C.A. §8-4-304 and §8-4-311 and 40 CFR 70.6]
36. The permittee shall maintain Material Safety Data Sheets, which demonstrate compliance with Specific Condition 35. These Material Safety Data Sheets shall be kept on site, and shall be made available to Department personnel upon request. [Regulation No. §19.705 of Regulation 19 and A.C.A. §8-4-203 as referenced by A.C.A. §8-4-304 and §8-4-311]
37. The permittee shall not use a dip chemical that has a methanol content higher than 0.10 lb/gal. Substitutions may be allowed per Specific Condition 41. [Regulation No. §18.1004 of Regulation 18 and A.C.A. §8-4-203 as referenced by A.C.A. §8-4-304 and §8-4-311]
38. The permittee shall not use a dip chemical that has a diethylene glycol monomethyl ether content higher than 5.41 lb/gal. Substitutions may be allowed per Specific Condition 42. [Regulation No. §18.1004 of Regulation 18 and A.C.A. §8-4-203 as referenced by A.C.A. §8-4-304 and §8-4-311]
39. The permittee shall not use a dip chemical that has a cumene content higher than 0.46 lb/gal. Substitutions may be allowed per Specific Condition 42. [Regulation No. §18.1004 of Regulation 18 and A.C.A. §8-4-203 as referenced by A.C.A. §8-4-304 and §8-4-311]
40. The permittee shall not use a dip chemical that has a xylene content higher than 0.46 lb/gal. Substitutions may be allowed per Specific Condition 42. [Regulation No. §18.1004 of Regulation 18 and A.C.A. §8-4-203 as referenced by A.C.A. §8-4-304 and §8-4-311]
41. The permittee shall maintain Material Safety Data Sheets which demonstrate compliance with Specific Conditions 37 through 40. These Material Safety Data Sheets shall be kept on site, and shall be made available to Department personnel upon request. [Regulation No. §18.1004 of Regulation 18 and A.C.A. §8-4-203 as referenced by A.C.A. §8-4-304 and §8-4-311]

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42. The permittee shall not exceed a dip chemical percent content of 1% methanol, 60% diethylene glycol monomethyl ether, 5% cumene, and 5% xylene by weight. Use of a dip chemical containing different components in amounts equal to or less than the air HAP content listed above may be substituted provided that the American Conference of Governmental Industrial Hygienist (ACGIH) Threshold Limit Values (TLV), as listed on the current MSDS forms, or in the ACGIH handbook of Threshold Limit Values (TLV) and Biological Exposure Indices (BEIs), of the new components are equal to or higher than that of MDI. Substitutions may be made on a one to one basis (for example, substituting the 1% methanol in the dip chemical with 1% of another material with a TLV greater than or equal to that of methanol) or on a multiple substitution basis (for example, substituting the 5% cumene in the dip chemical with two materials, both with greater than or equal to TLV's and totaling less than 5% by weight). These substitution values shall be documented, maintained on site, and provided to Department personnel upon request.
  
43. The permittee shall maintain records that demonstrate compliance with Specific Condition 42. Records shall be updated by the fifteenth day of the month following the month for which the records pertain. These records shall be kept on site, and shall be made available to Department personnel upon request. [Regulation No. §18.1004 of Regulation 18 and A.C.A. §8-4-203 as referenced by A.C.A. §8-4-304 and §8-4-311]

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**SN-18 and SN-19**

**Wood-Fired Boilers**

**Source Description**

Each of the wood-fired boilers is a Brunham 1,000 horsepower (with a heat rating of 33.44 MMBTU/hr), CNB firetube boiler with wood fuel gasifiers, and an ash disposal system. Particulate control on each boiler consists of a mechanical fly ash collector, or cyclone, which is actually part of the boiler configuration itself. Exhaust gases pass directly into the cyclone before emitted to the atmosphere. The boilers provide the steam needed for the lumber drying kilns. These boilers are not subject to the provisions of 40 CFR 60, Subpart Dc – *Standards of Performance for Small Industrial-Commercial-Institutional Steam Generating Units* since they were built in 1985 and have never been modified from their original configuration.

**Specific Conditions**

44. The permittee shall not exceed the emission rates set forth in the following table. Compliance with this condition will be demonstrated by compliance with Specific Conditions 48 [Regulation No. 19 §19.501 *et seq.* effective February 15, 1999, and 40 CFR Part 52, Subpart E]

**Table 21 - Maximum Criteria Emission Rate for SN-18 and SN-19**

| SN | Pollutant        | lb/hr | tpy  |
|----|------------------|-------|------|
| 18 | PM <sub>10</sub> | 10.7  | 46.9 |
|    | SO <sub>2</sub>  | 0.8   | 3.7  |
|    | VOC              | 0.4   | 1.9  |
|    | CO               | 20.1  | 87.9 |
|    | NO <sub>x</sub>  | 7.4   | 32.2 |
| 19 | PM <sub>10</sub> | 10.7  | 46.9 |
|    | SO <sub>2</sub>  | 0.8   | 3.7  |
|    | VOC              | 0.4   | 1.9  |
|    | CO               | 20.1  | 87.9 |
|    | NO <sub>x</sub>  | 7.4   | 32.2 |

45. The permittee shall not exceed the emission rates set forth in the following table. Compliance with this condition will be demonstrated by compliance with Specific Conditions 48. [Regulation No. §18.801 effective February 15, 1999, and A. C.A. §8-4-203 as referenced by §8-4-304 and §8-4-311]

**Table 22 - Maximum Non-Criteria Emission Rate for SN-18 and SN-19**

| SN | Pollutant         | lb/hr | tpy  |
|----|-------------------|-------|------|
| 18 | PM                | 11.7  | 51.3 |
|    | Lead              | 0.01  | 0.01 |
|    | Acrolein          | 0.14  | 0.59 |
|    | Benzene           | 0.14  | 0.62 |
|    | Formaldehyde      | 0.15  | 0.65 |
|    | Hydrogen Chloride | 0.64  | 2.78 |
|    | POM               | 0.01  | 0.01 |
|    | Phenol            | 0.01  | 0.01 |
|    | Styrene           | 0.07  | 0.28 |
|    | Arsenic           | 0.01  | 0.01 |
|    | Chromium, Hex     | 0.01  | 0.01 |
|    | Manganese         | 0.06  | 0.24 |
| 19 | PM                | 11.7  | 51.3 |
|    | Lead              | 0.01  | 0.01 |
|    | Acrolein          | 0.14  | 0.59 |
|    | Benzene           | 0.14  | 0.62 |
|    | Formaldehyde      | 0.15  | 0.65 |
|    | Hydrogen Chloride | 0.64  | 2.78 |
|    | POM               | 0.01  | 0.01 |
|    | Phenol            | 0.01  | 0.01 |
|    | Styrene           | 0.07  | 0.28 |
|    | Arsenic           | 0.01  | 0.01 |
|    | Chromium, Hex     | 0.01  | 0.01 |
|    | Manganese         | 0.06  | 0.24 |

46. The permittee shall not exceed 20% opacity from sources SN-18 and SN-19 on a 6-minute average. [Regulation No §19.503 and 40 CFR Part 52, Subpart E]
47. The permittee shall conduct daily 6-minute opacity readings required under Specific Condition 46 in accordance with EPA Reference Method 9. The results of these observations shall be kept on site and shall be provided to Department personnel upon request. [Regulation No.§19.503 and 40 CFR Part 52, Subpart E, and 40 CFR Part 64]
48. The permittee shall not use more than 33,950 tons of wood-waste fuel per year per boiler as measured by counters for the augers. For the purposes of this calculation, one revolution indicated on each auger counter shall be considered equivalent to 13 pounds of fuel. [Regulation No.§19.705, A.C.A. §8-4-203 as referenced by §8-4-304 and §8-4-311, and 40 CFR Part 52, Subpart E]

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49. The permittee shall maintain records detailing wood-waste fuel usage which demonstrate compliance with the limits set in Specific Condition 48. These records shall be maintained on a monthly basis and updated by the fifteenth day of the month following the month to which the records pertain. These records shall be kept on site for five years in accordance with General Provision 6, and shall be provided to Department personnel upon request. An annual total and each individual month's data shall be submitted in accordance with General Provision 7. [Regulation No §19.705 and 40 CFR 52, Subpart E]
50. The permittee shall perform a one-time stack test for SN-18 and SN-19, while operating at 90% of rated capacity, using EPA Reference Method 10 for CO. This test shall be conducted in accordance with Plantwide Conditions 3 and 4. [Regulation No.§19.702 and 40 CFR Part 52, Subpart E]
51. Test results required by Specific Condition 49 shall be maintained on-site, made available to Department personnel upon request, and shall be submitted to the Department in accordance with General Provision 7. [Regulation No.§19.705 and 40 CFR Part 52, Subpart E]

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#### **Section IV: COMPLIANCE PLAN AND SCHEDULE**

Anthony Timberlands Inc. will continue to operate in compliance with those identified regulatory provisions. The facility will examine and analyze future regulations that may apply and determine their applicability with any necessary action taken on a timely basis.

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### **Section V: PLANTWIDE CONDITIONS**

1. The permittee will notify the Director in writing within thirty (30) days after commencing construction, completing construction, first placing the equipment and/or facility in operation, and reaching the equipment and/or facility target production rate. [Regulation No. 19 §19.704, 40 CFR Part 52, Subpart E, and A.C.A. §8-4-203 as referenced by §8-4-304 and §8-4-311]
2. If the permittee fails to start construction within eighteen months or suspends construction for eighteen months or more, the Director may cancel all or part of this permit. [Regulation No.19 §19.410(B) and 40 CFR Part 52, Subpart E]
3. The permittee must test any equipment scheduled for testing, unless stated in the Specific Conditions of this permit or by any federally regulated requirements, within the following time frames: (1) New Equipment or newly modified equipment within sixty (60) days of achieving the maximum production rate, but no later than 180 days after initial start-up of the permitted source or (2) operating equipment according to the time frames set forth by the Department or within 180 days of permit issuance if no date is specified. The permittee must notify the Department of the scheduled date of compliance testing at least fifteen (15) days in advance of such test. The permittee will submit the compliance test results to the Department within thirty (30) days after completing the testing. [Regulation No.19 §19.702 and/or Regulation No. 18 §18.1002 and A.C.A. §8-4-203 as referenced by A.C.A. §8-4-304 and §8-4-311]
4. The permittee must provide: [Regulation No.19 §19.702 and/or Regulation No.18 §18.1002 and A.C.A. §8-4-203 as referenced by A.C.A. §8-4-304 and §8-4-311]
  - a. Sampling ports adequate for applicable test methods;
  - b. Safe sampling platforms;
  - c. Safe access to sampling platforms; and
  - d. Utilities for sampling and testing equipment.
5. The permittee must operate the equipment, control apparatus and emission monitoring equipment within the design limitations. The permittee will maintain the equipment in good condition at all times. [Regulation No.19 §19.303 and A.C.A. §8-4-203 as referenced by A.C.A. §8-4-304 and §8-4-311]
6. This permit subsumes and incorporates all previously issued air permits for this facility. [Regulation No. 26 and A.C.A. §8-4-203 as referenced by §8-4-304 and §8-4-311]

### **Title VI Provisions**

7. The permittee must comply with the standards for labeling of products using ozone-depleting substances. [40 CFR Part 82, Subpart E]
  - a. All containers containing a class I or class II substance stored or transported, all

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- products containing a class I substance, and all products directly manufactured with a class I substance must bear the required warning statement if it is being introduced to interstate commerce pursuant to §82.106.
- b. The placement of the required warning statement must comply with the requirements pursuant to §82.108.
  - c. The form of the label bearing the required warning must comply with the requirements pursuant to §82.110.
  - d. No person may modify, remove, or interfere with the required warning statement except as described in §82.112.
  - e. The permittee must comply with the standards for recycling and emissions reduction, except as provided for MVACs in Subpart B. [40 CFR Part 82, Subpart F]
8. Persons opening appliances for maintenance, service, repair, or disposal must comply with the required practices pursuant to §82.156.
- a. 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.
  - b. Persons performing maintenance, service repair, or disposal of appliances must be certified by an approved technician certification program pursuant to §82.161.
  - c. Persons disposing of small appliances, MVACs, and MVAC-like appliances must comply with record keeping requirements pursuant to §82.166. (“MVAC-like appliance” as defined at §82.152.)
  - d. Persons owning commercial or industrial process refrigeration equipment must comply with leak repair requirements pursuant to §82.156.
9. If the permittee manufactures, transforms, destroys, imports, or exports a class I or class II substance, the permittee is subject to all requirements as specified in 40 CFR Part 82, Subpart A, Production and Consumption Controls.
10. If the permittee performs a service on motor (fleet) vehicles when this service involves ozone-depleting substance refrigerant (or regulated substitute substance) in the motor vehicle air conditioner (MVAC), the permittee is subject to all the applicable requirements as specified in 40 CFR part 82, Subpart B, Servicing of Motor Vehicle Air Conditioners.

The term “motor vehicle” as used in Subpart B does not include a vehicle in which final assembly of the vehicle has not been completed. The term “MVAC” as used in Subpart B does not include the air-tight sealed refrigeration system used as refrigerated cargo, or the system used on passenger buses using HCFC-22 refrigerant.

The permittee can switch from any ozone-depleting substance to any alternative listed in the Significant New Alternatives Program (SNAP) promulgated pursuant to 40 CFR Part 82, Subpart G, "Significant New Alternatives Policy Program".

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**Plantwide Limits**

11. Pursuant to §19.705 of Regulation 19, A.C.A. §8-4-203 as referenced by §8-4-304 and §8-4-311, and 40 CFR 70.6, the permittee shall not process more than 120,000,000 board feet through the facility per consecutive 12-month period.
12. The permittee shall maintain monthly records, which demonstrate compliance with Plantwide Condition 11. Records shall be updated by the fifteenth day of the month following the month for which the records pertain. These records shall be kept on site, and shall be made available to Department personnel upon request. A 12-month rolling total and each individual month's data shall be submitted in accordance with General Provision 7.

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**Section VI: INSIGNIFICANT ACTIVITIES**

The following sources are insignificant activities. Any activity that has a state or federal applicable requirement is a significant activity, even if this activity meets the criteria of §8-4-304 of Regulation 26 or is listed in the table below. Insignificant activity determinations rely upon the information submitted by the permittee in an application received September 25, 2003.

**Table 23 - Insignificant Activities**

| <b>Description</b>               | <b>Category</b> |
|----------------------------------|-----------------|
| Logo Paint Emissions             | A-9             |
| Portable Diesel-Fired Water Pump | B-14            |
| 40 Gallon Water pump Diesel Tank | A-3             |

Pursuant to §26.304 of Regulation 26, the Department determined the emission units, operations, or activities contained in Regulation 19, Appendix A, Group B, to be insignificant activities. Activities included in this list are allowable under this permit and need not be specifically identified.

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### **Section VII: GENERAL PROVISIONS**

1. Any terms or conditions included in this permit which specify and reference Arkansas Pollution Control & Ecology Commission Regulation No. 18 or the Arkansas Water and Air Pollution Control Act (A.C.A. §8-4-101 *et seq.*) as the sole origin of and authority for the terms or conditions are not required under the Clean Air Act or any of its applicable requirements, and are not federally enforceable under the Clean Air Act. Arkansas Pollution Control & Ecology Commission Regulation 18 was adopted pursuant to the Arkansas Water and Air Pollution Control Act (A.C.A. §8-4-101 *et seq.*). Any terms or conditions included in this permit which specify and reference Arkansas Pollution Control & Ecology Commission Regulation 18 or the Arkansas Water and Air Pollution Control Act (A.C.A. §8-4-101 *et seq.*) as the origin of and authority for the terms or conditions are enforceable under this Arkansas statute.[40 CFR 70.6(b)(2)]
2. This permit shall be valid for a period of five (5) years beginning on the date this permit becomes effective and ending five (5) years later. [40 CFR 70.6(a)(2) and §26.701(B) of the Regulations of the Arkansas Operating Air Permit Program (Regulation 26), effective August 10, 2000]
3. The permittee must submit a complete application for permit renewal at least six (6) months before permit expiration. Permit expiration terminates the permittee's right to operate unless the permittee submitted a complete renewal application at least six (6) months before permit expiration. If the permittee submits a complete application, the existing permit will remain in effect until the Department takes final action on the renewal application. The Department will not necessarily notify the permittee when the permit renewal application is due. [Regulation No. 26 §26.406]
4. Where an applicable requirement of the Clean Air Act, as amended, 42 U.S.C. 7401, *et seq.* (Act) is more stringent than an applicable requirement of regulations promulgated under Title IV of the Act, the permit incorporates both provisions into the permit, and the Director or the Administrator can enforce both provisions. [40 CFR 70.6(a)(1)(ii) and Regulation No. 26 §26.701(A)(2)]
5. The permittee must maintain the following records of monitoring information as required by this permit. [40 CFR 70.6(a)(3)(ii)(A) and Regulation No. 26 §26.701(C)(2)]
  - a. The date, place as defined in this permit, and time of sampling or measurements;
  - b. The date(s) analyses performed;
  - c. The company or entity performing the analyses;
  - d. The analytical techniques or methods used;

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- e. The results of such analyses; and
  - f. The operating conditions existing at the time of sampling or measurement.
6. The permittee must retain the records of all required monitoring data and support information for at least five (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 this permit. [40 CFR 70.6(a)(3)(ii)(B) and Regulation No. 26 §26.701(C)(2)(b)]
7. The permittee must submit reports of all required monitoring every six (6) months. If permit establishes no other reporting period, the reporting period shall end on the last day of the anniversary month of the initial Title V permit. The report is due within thirty (30) days of the end of the reporting period. Although the reports are due every six months, each report shall contain a full year of data. The report must clearly identify all instances of deviations from permit requirements. A responsible official as defined in Regulation No. 26 §26.2 must certify all required reports. The permittee will send the reports to the address below: [40 C.F.R. 70.6(a)(3)(iii)(A) and §26.701(C)(3)(a) of Regulation #26]

Arkansas Department of Environmental Quality  
Air Division  
ATTN: Compliance Inspector Supervisor  
Post Office Box 8913  
Little Rock, AR 72219

8. The permittee will report to the Department all deviations from permit requirements, including those attributable to upset conditions as defined in the permit. The permittee will make an initial report to the Department by the next business day after the discovery of the occurrence. The initial report may be made by telephone and shall include: [40 CFR 70.6(a)(3)(iii)(B), Regulation #26 §26.701(C)(3)(b), and Regulation #19 §19.601 and §19.602]

The facility name and location

- a. The process unit or emission source deviating from the permit limit,
- b. The permit limit, including the identification of pollutants, from which deviation occurs,
- c. The date and time the deviation started,
- d. The duration of the deviation,
- e. The average emissions during the deviation,

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- f. The probable cause of such deviations,
- g. Any corrective actions or preventive measures taken or being taken to prevent such deviations in the future, and
- h. The name of the person submitting the report.

The permittee will make a full report in writing to the Department within five (5) business days of discovery of the occurrence. The report must include, in addition to the information required by the initial report, a schedule of actions taken or planned to eliminate future occurrences and/or to minimize the amount the permit's limits were exceeded and to reduce the length of time the limits were exceeded. The permittee may submit a full report in writing (by facsimile, overnight courier, or other means) by the next business day after discovery of the occurrence, and the report will serve as both the initial report and full report. [40 CFR 70.6(a)(3)(iii)(B), Regulation No. 26 §26.701(C)(3)(b), Regulation No. 19 §19.601 and §19.602]

- 9. If any provision of the permit or the application thereof to any person or circumstance is held invalid, such invalidity will not affect other provisions or applications hereof which can be given effect without the invalid provision or application, and to this end, provisions of this Regulation are declared to be separable and severable. [40 CFR 70.6(a)(5), §26.701(E) of Regulation No. 26, and A.C.A. §8-4-203, as referenced by §8-4-304 and §8-4-311]
- 10. The permittee must comply with all conditions of this Part 70 permit. Any permit noncompliance with applicable requirements as defined in Regulation No. 26 constitutes a violation of the Clean Air Act, as amended, 42 U.S.C. §7401, *et seq.* and is grounds for enforcement action; for permit termination, revocation and reissuance, for permit modification; or for denial of a permit renewal application. [40 CFR 70.6(a)(6)(i) and Regulation No. 26 §26.701(F)(1)]
- 11. 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 to maintain compliance with the conditions of this permit. [40 CFR 70.6(a)(6)(ii) and Regulation No. 26 §26.701(F)(2)]
- 12. The Department may modify, revoke, reopen and reissue the permit or terminate the permit for cause. The filing of a request by the permittee for a permit modification, revocation and reissuance, termination, or of a notification of planned changes or anticipated noncompliance does not stay any permit condition. [40 CFR 70.6(a)(6)(iii) and Regulation No. 26 §26.701(F)(3)]
- 13. This permit does not convey any property rights of any sort, or any exclusive privilege. [40 CFR 70.6(a)(6)(iv) and Regulation No. 26 §26.701(F)(4)]

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14. The permittee must furnish to the Director, within the time specified by the Director, any information that the Director 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 must also furnish to the Director copies of records required by the permit. For information the permittee claims confidentiality, the Department may require the permittee to furnish such records directly to the Director along with a claim of confidentiality. [40 CFR 70.6(a)(6)(v) and Regulation No. 26 §26.701(F)(5)]
15. The permittee must pay all permit fees in accordance with the procedures established in Regulation No. 9. [40 CFR 70.6(a)(7) and Regulation No. 26 §26.701(G)]
16. No permit revision shall be required, under any approved economic incentives, marketable permits, emissions trading and other similar programs or processes for changes provided for elsewhere in this permit. [40 CFR 70.6(a)(8) and Regulation No. 26 §26.701(H)]
17. If the permit allows different operating scenarios, the permittee will, contemporaneously with making a change from one operating scenario to another, record in a log at the permitted facility a record of the operational scenario. [40 CFR 70.6(a)(9)(i) and Regulation No. 26 §26.701(I)(1)]
18. The Administrator and citizens may enforce under the Act all terms and conditions in this permit, including any provisions designed to limit a source's potential to emit, unless the Department specifically designates terms and conditions of the permit as being federally unenforceable under the Act or under any of its applicable requirements. [40 CFR 70.6(b) and Regulation No. 26 §26.702(A) and (B)]
19. Any document (including reports) required by this permit must contain a certification by a responsible official as defined in Regulation No. 26 §26.2. [40 CFR 70.6(c)(1) and Regulation No. 26 §26.703(A)]
20. The permittee must allow an authorized representative of the Department, upon presentation of credentials, to perform the following: [40 CFR 70.6(c)(2) and Regulation No. 26 §26.703(B)]
  - a. Enter upon the permittee's premises where the permitted source is located or emissions-related activity is conducted, or where records must be kept under the conditions of this permit;
  - b. Have access to and copy, at reasonable times, any records required under the conditions of this permit;

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- c. Inspect at reasonable times any facilities, equipment (including monitoring and air pollution control equipment), practices, or operations regulated or required under this permit; and
  - d. As authorized by the Act, sample or monitor at reasonable times substances or parameters for assuring compliance with this permit or applicable requirements.
- 21. The permittee will submit a compliance certification with the terms and conditions contained in the permit, including emission limitations, standards, or work practices. The permittee must submit the compliance certification annually within 30 days following the last day of the anniversary month of the initial Title V permit. The permittee must also submit the compliance certification to the Administrator as well as to the Department. All compliance certifications required by this permit must include the following: [40 CFR 70.6(c)(5) and Regulation No. 26 §26.703(E)(3)]
  - a. The identification of each term or condition of the permit that is the basis of the certification;
  - b. The compliance status;
  - c. Whether compliance was continuous or intermittent;
  - d. The method(s) used for determining the compliance status of the source, currently and over the reporting period established by the monitoring requirements of this permit; and
  - e. Such other facts as the Department may require elsewhere in this permit or by §114(a)(3) and §504(b) of the Act.
- 22. Nothing in this permit will alter or affect the following: [Regulation No. 26 §26.704(C)]
  - a. The provisions of Section 303 of the Act (emergency orders), including the authority of the Administrator under that section;
  - b. The liability of the permittee 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 §408(a) of the Act or,
  - d. The ability of EPA to obtain information from a source pursuant to §114 of the Act.
- 23. This permit authorizes only those pollutant-emitting activities addressed in this permit. [A.C.A. §8-4-203 as referenced by §8-4-304 and §8-4-311]

|   |                          |
|---|--------------------------|
| Request for PDS Invoice   |                          |
| Invoice Number (assigned when invoice printed)  | PDS-                     |
|   |                          |
| AFIN *  | 30-00084                 |
| Name (for confirmation only)  | Anthony Timberlands Inc. |
| Invoice Type (pick one) *   |                          |
|   | Renewal<br>XXX           |
| Permit Number *   | 1140-AOP-R3              |
| Media Code *  | A                        |
| Fee Code or Pmt Type *  | T5                       |
| Fee Description (for confirmation only)   | Title V                  |
| Amount Due * (whole dollar amount only)   | \$0                      |
| Printed Comment(600 characters maximum)   | Renewal – No Charge      |
|   |                          |
| Note: The information below is for use by the requesting division if desired; it will not print on the invoice. |                          |
| Engineer  | Bryan Leamons            |
| Paid? (yes/no)  |                          |
| Check number  |                          |
| Comments  |                          |
| <b>* Required data</b> (See “g:\Misc\PDS_FeeCodes.wpd” for descriptions and discussions of fee codes)           |                          |
| Request submitted by:   | Date:                    |

## Public Notice

Pursuant to the Arkansas Operating Air Permit Program (Regulation No. 26) Section 602, the Air Division of the Arkansas Department of Environmental Quality gives the following notice:

Anthony Timberlands Inc. operates a sawmill at 930 Cabe St., Malvern, AR 72104. The permittee has applied for renewal of their existing Title V Operating Air Permit (AFIN: 30-00084). Upon final approval and issuance by the Department the permittee will be issued a renewal of their permit with no modifications from the current permit.

The staff of the Department reviewed the application, and the application received the Department's tentative approval subject to the terms of this notice.

Citizens wishing to examine the permit application and staff findings and recommendations may do so by contacting Doug Szenher, Public Affairs Supervisor. Citizens desiring technical information concerning the application or permit should contact Bryan Leamons, Engineer. Citizens can reach both Doug Szenher and Bryan Leamons at the Department's central office, 8001 National Drive, Little Rock, Arkansas 72209, telephone: (501) 682-0744.

The draft permit and permit application are available for copying at the above address. Garland County Public Library, 1427 Malvern Avenue, Hot Springs, AR 71901, has a copy of the draft permit. Citizens may review this information during normal business hours.

Interested or affected persons may also submit written comments or request a hearing on the proposal or the proposed modification, to the Department at the above address - Attention: Doug Szenher. For the Department to consider the comment, the interested or affected persons must submit written comments within thirty (30) days of publication of this notice. Although the Department is not proposing to conduct a public hearing, the Department will schedule and hold a hearing if the Department receives significant comments on the permit provisions. If the Department schedules a hearing, the Department will give adequate public notice in the newspaper of largest circulation in the county in which the facility in question is, or will be, located.

The Director will make a final decision to issue or deny this application or to impose special conditions in accordance with Section 2.1 of the Arkansas Pollution Control and Ecology Commission's Administrative Procedures (Regulation No. 8) and Regulation No. 26.

Dated this

Marcus C. Devine  
Director