

## STATEMENT OF BASIS

For the issuance of Air Permit # 2348-AOP-R5 AFIN: 70-00032

1. PERMITTING AUTHORITY:

Division of Environmental Quality  
5301 Northshore Drive  
North Little Rock, Arkansas 72118-5317

2. APPLICANT:

Anthony Forest Products Company, LLC  
5482 Junction City Highway  
El Dorado, Arkansas 71730

3. PERMIT WRITER:

Sterling Powers

4. NAICS DESCRIPTION AND CODE:

NAICS Description: Sawmills  
NAICS Code: 321113

5. ALL SUBMITTALS:

The following is a list of ALL permit applications included in this permit revision.

| Date of Application | Type of Application<br>(New, Renewal, Modification,<br>Deminimis/Minor Mod, or<br>Administrative Amendment) | Short Description of Any Changes<br>That Would Be Considered New or<br>Modified Emissions           |
|---------------------|-------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------|
| 8/18/2025           | Minor Mod                                                                                                   | <ul style="list-style-type: none"><li>• Remove SN-17</li><li>• Add SN-18 fire pump engine</li></ul> |

6. REVIEWER'S NOTES:

Anthony Forest Products Company, LLC (AFP) owns and operates a sawmill located at 5428 Junction City Hwy, in Union County, Arkansas. This permit modification proposes to remove SN-17 (diesel 200 BHP Emergency Fire Pump Engine) and replace it with the new unit SN-18, a diesel 197 BHP Emergency Fire Pump Engine, a newer version of the same engine.

Permitted emissions will decrease by 0.1 tpy SO<sub>2</sub>.

## 7. COMPLIANCE STATUS:

The following summarizes the current compliance of the facility including active/pending enforcement actions and recent compliance activities and issues.

Last inspection was August 20, 2024. No violations were reported or found during the inspection.

## 8. PSD/GHG APPLICABILITY:

a) Did the facility undergo PSD review in this permit (i.e., BACT, Modeling, etc.)? Y  
If yes, were GHG emission increases significant? N

b) Is the facility categorized as a major source for PSD? Y

- *Single pollutant  $\geq 100$  tpy and on the list of 28 or single pollutant  $\geq 250$  tpy and not on list*

If yes for 8(b), explain why this permit modification is not PSD.

A PSD analysis demonstrates that the emissions do not exceed the PSD significant emission rate (SER) for any NSR regulated pollutants.

| Actual-to-Projected-Actual (ATPAT) | PM   | PM10 | PM2.5 | SO2 | VOC  | CO   | NOX  |
|------------------------------------|------|------|-------|-----|------|------|------|
| Total BAE                          | 0    | 0    | 0     | 0   | 0    | 0    | 0    |
| Total PAE                          | 0.02 | 0.02 | 0.02  | 0.1 | 0.32 | 0.28 | 0.32 |
| SER Threshold                      | 25   | 15   | 10    | 40  | 40   | 100  | 40   |
| Pass? Y/N                          | Y    | Y    | Y     | Y   | Y    | Y    | Y    |

## 9. SOURCE AND POLLUTANT SPECIFIC REGULATORY APPLICABILITY:

| Source | Pollutant                                     | Regulation (NSPS, NESHAP or PSD)           |
|--------|-----------------------------------------------|--------------------------------------------|
| 01, 02 | Initial Notification is the only requirement. | NESHAP Subpart DDDD                        |
| 18     | HAPs                                          | NESHAP Subpart ZZZZ<br>NESHAP Subpart IIII |

## 10. UNCONSTRUCTED SOURCES:

| Unconstructed Source | Permit Approval Date | Extension Requested Date | Extension Approval Date | If Greater than 18 Months without Approval, List Reason for Continued Inclusion in Permit |
|----------------------|----------------------|--------------------------|-------------------------|-------------------------------------------------------------------------------------------|
| N/A                  |                      |                          |                         |                                                                                           |

## 11. PERMIT SHIELD – TITLE V PERMITS ONLY:

Did the facility request a permit shield in this application? N

(Note - permit shields are not allowed to be added, but existing ones can remain, for minor modification applications or any Rule 18 requirement.)

If yes, are applicable requirements included and specifically identified in the permit? N/A  
If not, explain why.

For any requested inapplicable regulation in the permit shield, explain the reason why it is not applicable in the table below.

| Source | Inapplicable Regulation | Reason |
|--------|-------------------------|--------|
| N/A    |                         |        |

## 12. COMPLIANCE ASSURANCE MONITORING (CAM) – TITLE V PERMITS ONLY:

List sources potentially subject to CAM because they use a control device to achieve compliance and have pre-control emissions of at least 100 percent of the major source level. List the pollutant of concern and a brief summary of the CAM plan (temperature monitoring, CEMs, opacity monitoring, etc.) and frequency requirements of § 64.

| Source | Pollutant Controlled | Cite Exemption or CAM Plan Monitoring and Frequency |
|--------|----------------------|-----------------------------------------------------|
| N/A    |                      |                                                     |

## 13. EMISSION CHANGES AND FEE CALCULATION:

See emission change and fee calculation spreadsheet in Appendix A.

## 14. AMBIENT AIR EVALUATIONS:

The following are results for ambient air evaluations or modeling.

## a) NAAQS

A NAAQS evaluation is not required under the Arkansas State Implementation Plan, National Ambient Air Quality Standards, Infrastructure SIPs and NAAQS SIP per Ark. Code Ann. § 8-4-318, dated March 2017 and the DEQ Air Permit Screening Modeling Instructions.

## b) Non-Criteria Pollutants:

1<sup>st</sup> Tier Screening (PAER)

Estimated hourly emissions from the following sources were compared to the Presumptively Acceptable Emission Rate (PAER) for each compound. The Department has deemed the PAER to be the product, in lb/hr, of 0.11 and the Threshold Limit Value ( $\text{mg}/\text{m}^3$ ), as listed by the American Conference of Governmental Industrial Hygienists (ACGIH).

| Pollutant             | TLV ( $\text{mg}/\text{m}^3$ ) | PAER (lb/hr) = $0.11 \times \text{TLV}$ | Proposed lb/hr | Pass? |
|-----------------------|--------------------------------|-----------------------------------------|----------------|-------|
| Acrolein <sup>2</sup> | 0.2292                         | 0.0252                                  | 0.29           | Fail  |
| Formaldehyde          | 1.5                            | 0.165                                   | 0.71           | Fail  |
| Methanol <sup>1</sup> | 262.08                         | 28.829                                  | 7.38           | Pass  |
| POM <sup>2</sup>      | 0.200                          | 0.022                                   | 1.41E-04       | Pass  |
| Selenium <sup>2</sup> | 0.200                          | 0.022                                   | 3.18E-06       | Pass  |

<sup>1</sup> Annual emission greater than 10 tpy

<sup>2</sup> Under 1  $\text{mg}/\text{m}^3$  TLV

2<sup>nd</sup> Tier Screening (PAIL)

AERMOD air dispersion modeling was performed on the estimated hourly emissions from the following sources, in order to predict ambient concentrations beyond the property boundary. The Presumptively Acceptable Impact Level (PAIL) for each compound has been deemed by the Department to be one one-hundredth of the Threshold Limit Value as listed by the ACGIH.

| Pollutant    | PAIL ( $\mu\text{g}/\text{m}^3$ ) = 1/100 of Threshold Limit Value | Modeled Concentration ( $\mu\text{g}/\text{m}^3$ ) | Pass? |
|--------------|--------------------------------------------------------------------|----------------------------------------------------|-------|
| Acrolein     | 2.292                                                              | 2.28975                                            | Yes   |
| Formaldehyde | 15.00                                                              | 5.64144                                            | Yes   |

## 15. CALCULATIONS:

| SN      | Emission Factor Source (AP-42, testing, etc.)                                                                                         | Emission Factor (lb/ton, lb/hr, etc.)                                                                                                                                                                                  | Control Equip.   | Control Equip. Eff. | Comments                                                                                                                                                                                                                                                      |
|---------|---------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|---------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 01, 02  | ADEQ Memo: <i>VOC emissions from Lumber Drying Kilns</i> from T Rheume dated 10/31/2014<br><br>AP-42 Tables 1.4-1, -2, -3 Natural Gas | BACT Limit: 3.8 lb VOC/MBF <sup>1</sup><br><u>EF lb/10<sup>6</sup> scf</u><br>BACT PM: 7.6<br>SO <sub>2</sub> : 0.6<br>CO: 84<br>NO <sub>x</sub> : 50<br>Formaldehyde: 7.50E-02<br>Selenium: 2.40E-05<br>POM: 8.82E-05 | None             | N/A                 | 3 kilns limited by throughput: 315 MMBF/yr<br>Each Kiln 18.5 MBF/hr x 3.8 lb VOC/MBF = lb VOC/hr<br>45 MMBtu/hr<br>Low NO <sub>x</sub> Burners<br>To convert from lb/10 <sup>6</sup> scf to lb/MMBtu divide by 1020.<br><sup>1</sup> Includes natural gas VOC |
| 01, 02, | Assume PM <sub>10</sub> = PM<br><br>NCDENR Wood Kiln Emission Calculation Factor Sheet for Softwood                                   | <u>Lb/MBF</u><br>BACT Limit:<br>PM/ PM <sub>10</sub> : 0.022<br><br>Acrolein: 0.0075<br>Methanol: 0.199<br>Formaldehyde: 0.0183                                                                                        | None             | N/A                 | Lumber Drying Kilns<br>Max Annual Thruput = 315 MMBF/yr<br>Max Hourly Thruput = 18.5 MBF/hr @ SN-01, 02, and 03                                                                                                                                               |
| 04      | ADEQ Memo from CHurt to TRheume dated 08/22/2003 and NC-DENR<br><sup>1</sup> TCEQ Wood Ind. EF, App A3                                | <u>lb/ton log Thruput</u><br>BACT Limit PM: 0.02<br><br>PM <sub>10</sub> : 0.0004<br>(PM <sub>10</sub> = 2% PM)                                                                                                        | 95% <sup>1</sup> | Enclosed Hood       | 1,417,500 tpy<br>405 tph max<br>Log Thruput @ 4.5 tons/MBF                                                                                                                                                                                                    |
| 05      | AP-42 Sec 10.3-1<br><sup>1</sup> TCEQ                                                                                                 | lb/ton log Throughput<br>BACT Limit PM: 0.35<br>PM <sub>10</sub> : 0.007<br>(PM <sub>10</sub> = 2% PM)                                                                                                                 | 90% <sup>1</sup> | Sawmill located     | 1,455,300 tpy<br>378 tph max                                                                                                                                                                                                                                  |

| SN | Emission Factor Source (AP-42, testing, etc.)                                                                                                                                            | Emission Factor (lb/ton, lb/hr, etc.)                                                                                                                                                                                                                                                                                                                | Control Equip.     | Control Equip. Eff. | Comments                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|----|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------|---------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|    | Wood Ind. EF, App A3                                                                                                                                                                     |                                                                                                                                                                                                                                                                                                                                                      |                    | in Building         | log Thruput @4.2 tons/MBF                                                                                                                                                                                                                                                                                                                                                                                                                             |
| 06 | Cyclone<br>Air flow rates and outlet grain loading based on January 2020 Renewal permit application.<br><br>Retesting is being required because of age of test and equipment (20 years). | Planer Mill -<br>EF based on air flow = 77,280 dscfm<br>outlet = 0.00004 gr/scf<br>BACT PM: 0.004 gr/dscf<br>PM <sub>10</sub> : 0.0274 lb/hr, 1.198 tpy<br>PM: 0.278 lb/hr, 1.219 tpy                                                                                                                                                                | Cyclone            | 99.99%              | 1.2x safety factor built in                                                                                                                                                                                                                                                                                                                                                                                                                           |
| 09 | AP-42<br>13.2.2.2.<br>Eq. 1a <sup>1</sup><br>(11/06) and<br>AP-42<br>13.2.2.1<br>Eq. 1 <sup>2</sup> (1/11)                                                                               | 'Haul Roads'<br>Unpaved <sup>1</sup><br>s: 8.4<br>W: varies<br>k: 4.9 (PM)<br>k: 1.5 (PM <sub>10</sub> )<br>k: 0.15 (PM <sub>2.5</sub> )<br>a: 0.70 (PM)<br>a: 0.90 (PM <sub>10</sub> & 2.5)<br>b: 0.45 and<br>Paved Roads <sup>2</sup><br>k: 0.011 (PM)<br>k: 0.0022 (PM <sub>10</sub> )<br>k: 0.00054 (PM <sub>2.5</sub> )<br>sL: 8.2<br>W: varies | Road Watering Plan | 90%                 | $E = k (s/12)^a \times (W/3)^b$<br>Eq 1a UNPAVED<br>where E = size-specific EF (lb/VMT)<br>s = surface material silt content (%)<br>W = mean vehicle wt. (tons)<br>M = surface mat 'l moisture content (%)<br>S = mean vehicle speed (mph)<br>C = EF for 1980's vehicle fleet exhaust, brake and tire wear.<br><br>$E = k (sL)0.91 \times (W)1.02$<br>Equation (1)PAVED<br>where:<br>E = PM emission factor (lb/VMT),<br>k = particle size multiplier |

| SN | Emission Factor Source (AP-42, testing, etc.)                          | Emission Factor (lb/ton, lb/hr, etc.)                                                                                                                                                                                      | Control Equip. | Control Equip. Eff. | Comments                                                                                                      |
|----|------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|---------------------|---------------------------------------------------------------------------------------------------------------|
|    |                                                                        |                                                                                                                                                                                                                            |                |                     | sL = road surface silt loading (g/m <sup>2</sup> ), and W = ave wt. (tons) of vehicles traveling road.        |
| 11 | AP-42<br>10.3-1                                                        | <u>Lb/ton</u><br>BACT PM: 0.02<br>PM <sub>10</sub> : 0.00044 (incl 10% safety factor)                                                                                                                                      | None           | N/A                 | 'Material Processing'<br>Fugitive emissions from Debarking and Chipping                                       |
| 12 | Pile handling – AP-42<br>13.2.4<br>Wind erosion - AP-42<br>13.2.5      | <u>Bark Pile PM (lb/hr)</u><br>Handling: 0.00015<br><u>Sawdust Pile (lb/hr)</u><br>Handling: 0.00012<br>Wind Erosion: 1.89<br>Sawdust Total: 1.90<br><u>Chip Pile PM (lb/hr)</u><br>Handling: 0.0015<br>Wind Erosion: 2.43 | None           | N/A                 | 'Storage Piles'<br>By-product sold as dry material                                                            |
| 13 | ADEQ Emission Factors outlined in 8/22/2003 memo from CHurt to TRheume | <u>Dried Shavings Lb/ton Storage</u><br>BACT PM: 0.0011<br>PM <sub>10</sub> : 0.00009<br><u>Loadout</u><br>BACT PM: 0.0022<br>PM <sub>10</sub> : 0.00018                                                                   | None           | N/A                 | 'Storage Bin'<br>Based on permitted annual throughput<br>Conservative estimate 75,000 tpy woodwaste generated |
| 14 | TANKS<br>4.0.9d                                                        | Oil                                                                                                                                                                                                                        | None           | None                | 11 light color Tanks                                                                                          |
| 15 | TANKS<br>4.0.9d                                                        | Diesel fuel                                                                                                                                                                                                                | None           | None                | 2 light color Tanks                                                                                           |
| 16 | TANKS<br>4.0.9d<br>HAP speciation factors from EPA document "Gasoline  | Gasoline<br><u>HAPs to VOC ratio by wt.</u><br>Total HAPs: 23%                                                                                                                                                             | None           | None                | 1 light color Tank                                                                                            |

| SN | Emission Factor Source (AP-42, testing, etc.) | Emission Factor (lb/ton, lb/hr, etc.)                                                                                                                                                                                     | Control Equip. | Control Equip. Eff. | Comments                                      |
|----|-----------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|---------------------|-----------------------------------------------|
|    | <i>Distribution Industry.. "</i>              |                                                                                                                                                                                                                           |                |                     |                                               |
| 18 | AP-42, Table 3.3-1                            | PM: 0.2 g/kw-hr<br>PM <sub>10</sub> : 0.2 g/kw-hr<br>VOC: 4.0 g/kw-hr<br>NOx: 4.0 g/kw-hr<br>CO: 3.5 g/kw-hr<br><br><u>lb/MMBtu</u><br>Acrolein: 9.25E-05<br>Benzene: 9.33E-04<br>Formaldehyde: 1.18E-03<br>POM: 1.68E-04 | None           | N/A                 | 197 bhp<br>500 hours/yr<br>147 bkW max output |

## 16. TESTING REQUIREMENTS:

The permit requires testing of the following sources.

| SN | Pollutants | Test Method | Test Interval | Justification |
|----|------------|-------------|---------------|---------------|
| 06 | PM         | Method 5    | One Time      | §19.702       |

## 17. MONITORING OR CEMS:

The permittee must monitor the following parameters with CEMS or other monitoring equipment (temperature, pressure differential, etc.)

| SN  | Parameter or Pollutant to be Monitored | Method (CEM, Pressure Gauge, etc.) | Frequency | Report (Y/N) |
|-----|----------------------------------------|------------------------------------|-----------|--------------|
| N/A |                                        |                                    |           |              |

## 18. RECORDKEEPING REQUIREMENTS:

The following are items (such as throughput, fuel usage, VOC content, etc.) that must be tracked and recorded.

| SN       | Recorded Item            | Permit Limit       | Frequency | Report (Y/N) |
|----------|--------------------------|--------------------|-----------|--------------|
| Facility | Annual Lumber Throughput | Maximum 315 MMBF / | Monthly   | Yes          |



| SN     | Recorded Item                                                                                                                  | Permit Limit                                                                                                                                                                                                                                                 | Frequency                                | Report (Y/N) |
|--------|--------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------|--------------|
|        |                                                                                                                                | rolling 12 months                                                                                                                                                                                                                                            |                                          |              |
| 01, 02 | Combust only pipeline quality natural gas in burners                                                                           | Maintain valid gas tariff, purchase contract, fuel analysis or other appropriate documentation, or perform periodic testing                                                                                                                                  | On-going                                 | No           |
| 01, 02 | Develop, maintain, and follow a routine and repair maintenance and housekeeping Plan<br>BACT: Proper Maintenance and Operation | Record<br>1. Facility name and location.<br>2. Record the activity SN or description.<br>3. Date and time of maintenance or observation.<br>4. Maintenance activity performed, including replacement parts.<br>5. Name of person conducting the maintenance. | As performed                             | No           |
| 01, 02 | NESHAP Subpart DDDD                                                                                                            | Initial Notification §63.9(b)                                                                                                                                                                                                                                | One-time                                 | Yes          |
| 04     | Annual Log Throughput<br>BACT: Hood Enclosure                                                                                  | Maximum 1,417,500 tons / rolling 12 months                                                                                                                                                                                                                   | Monthly                                  | Yes          |
| 05     | Annual Log Throughput<br>BACT: Building                                                                                        | Maximum 1,455,300 tons / rolling 12 months                                                                                                                                                                                                                   | Monthly                                  | Yes          |
| 06     | Manufacturers' Operating Manuals and Maintenance Logs<br>BACT: Proper                                                          | Must be operated and maintained in accordance with manufacturers' specs and good                                                                                                                                                                             | Keep Manual for Life of Unit(s) On-going | No           |

| SN | Recorded Item                                                | Permit Limit                                                                                                                                                                             | Frequency             | Report (Y/N) |
|----|--------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------|--------------|
|    | Maintenance and Operation                                    | air pollution control and op practices for minimizing emissions. Must up-date maintenance logs on an as performed basis. Must operate at all times contiguous equipment is in operation. |                       |              |
| 09 | Road Watering Plan                                           | Maintain Road Watering Plan Records                                                                                                                                                      | On-going              | No           |
| 09 | Road Dust (PM/PM <sub>10</sub> )                             | Keep dust from extending beyond property boundary                                                                                                                                        | On-going              | No           |
| 09 | If Dust Suppression Agent used, Maintain MSDS                | Shall contain no VOC, no HAP, no air contaminants                                                                                                                                        | Current, legible MSDS | No           |
| 18 | Total Operating Hours (emergency and non-emergency combined) | 500 Total Hours per calendar year                                                                                                                                                        | Monthly               | No           |
| 18 | During Extended Emergency Use <i>in excess of</i> 500 hours  | No limit during Emergency                                                                                                                                                                | If occurs             | Yes          |
| 18 | NESHAP Subpart ZZZZ                                          | Must be in compliance upon startup                                                                                                                                                       | Monthly               | No           |
| 18 | Diesel Fuel                                                  | Only ULSD fuel with the sulfur content                                                                                                                                                   | Keep legible MSDS     | No           |

| SN       | Recorded Item                                             | Permit Limit                                                                                                                                                  | Frequency        | Report (Y/N) |
|----------|-----------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|--------------|
|          |                                                           | no greater than 0.0015% sulfur by weight.                                                                                                                     |                  |              |
| 18       | Good Combustion Practices                                 | Follow OEM manual                                                                                                                                             | As occurs        | No           |
| Facility | Permit Renewal Submit at least 6 months before expiration | Permit is valid for 5 years, beginning on date permit issued and ends five (5) years later, GP #3, unless renewal submitted 6 months prior to expiration date | Every 5 years    | Yes          |
| 11       | BACT: Wind barrier                                        | Keep barrier to prevent wind erosion                                                                                                                          | On going         | No           |
| 12       | Storage Piles                                             | Keep dust down by wet suppression                                                                                                                             | Daily, as needed | No           |
| 13       | Storage Bin                                               | Enclosed Bin for Transport                                                                                                                                    | On going         | No           |
| 14       | Oil Tanks                                                 | Nte 14,788 gallons in 24-hours and nte 175,056 gallons of oil per rolling 12 months                                                                           | On going         | No           |
| 15       | Diesel Tanks                                              | Nte 1,000 gallons in 24-hours and nte 52,000 gallons of diesel per rolling 12 months                                                                          | On going         | No           |
| 16       | Diesel Tank                                               | Nte 9,000 gallons in 24-hours and nte 468,000 gallons of                                                                                                      | On going         | No           |

| SN | Recorded Item | Permit Limit                         | Frequency | Report (Y/N) |
|----|---------------|--------------------------------------|-----------|--------------|
|    |               | gasoline per<br>rolling 12<br>months |           |              |

## 19. OPACITY:

| SN                     | Opacity | Justification for limit                                            | Compliance Mechanism                                                              |
|------------------------|---------|--------------------------------------------------------------------|-----------------------------------------------------------------------------------|
| 01, 02                 | 5%      | §18.501 and A.C.A. §8-4-203 as referenced by §8-4-304 and §8-4-311 | Use natural gas fuel only                                                         |
| 04, 05, 06, 11, 12, 13 | 5%      | §18.501 and A.C.A. §8-4-203 as referenced by §8-4-304 and §8-4-311 | Weekly Observation                                                                |
| 09<br>offsite          | 0%      | §18.501 and A.C.A. §8-4-203 as referenced by §8-4-304 and §8-4-311 | Annual ADEQ Observation                                                           |
| 18                     | 20%     | §19.503 and A.C.A. §8-4-203 as referenced by §8-4-304 and §8-4-311 | Observation <i>if</i> fire pump runs 3 consecutive hours, otherwise none required |

## 20. DELETED CONDITIONS:

| Former SC | Justification for removal |
|-----------|---------------------------|
| N/A       |                           |

## 21. GROUP A INSIGNIFICANT ACTIVITIES:

The following is a list of Insignificant Activities including revisions by this permit.

| Source Name                               | Group<br>A<br>Cat. | Emissions (tpy)     |                 |             |    |                 |        |       |
|-------------------------------------------|--------------------|---------------------|-----------------|-------------|----|-----------------|--------|-------|
|                                           |                    | PM/PM <sub>10</sub> | SO <sub>2</sub> | VOC         | CO | NO <sub>x</sub> | HAPs   |       |
|                                           |                    |                     |                 |             |    |                 | Single | Total |
| 500 Gallon Gasoline Tank                  | A-13               |                     |                 | 0.13        |    |                 |        |       |
| Fire Pump Engine Diesel Tank – 260 Gallon | A-3                |                     |                 | 0.000135    |    |                 |        |       |
| Hydraulic Oil – 350 Gallon                | A-3                |                     |                 | 0.000135    |    |                 |        |       |
| Hydraulic Oil – 275 Gallon                | A-3                |                     |                 | 0.000135    |    |                 |        |       |
| Hydraulic Oil – 340 Gallon                | A-3                |                     |                 | 0.000135    |    |                 |        |       |
| Hydraulic Oil – 370 Gallon                | A-3                |                     |                 | 0.000135    |    |                 |        |       |
| Compressor Oil – 130 Gallon               | A-3                |                     |                 | 0.000135    |    |                 |        |       |
| Hydraulic Oil – 60 Gallon                 | A-3                |                     |                 | 0.000135    |    |                 |        |       |
| Hydraulic Oil – 100 Gallon                | A-3                |                     |                 | 0.000135    |    |                 |        |       |
| Hydraulic Oil – 160 Gallon                | A-3                |                     |                 | 0.000135    |    |                 |        |       |
| Hydraulic Oil – 130 Gallon                | A-3                |                     |                 | 0.000135    |    |                 |        |       |
| Lubricating Oil – 300 Gallon              | A-3                |                     |                 | 0.000135    |    |                 |        |       |
| Hydraulic Oil – 50 Gallon                 | A-3                |                     |                 | 0.00001     |    |                 |        |       |
| Total                                     |                    |                     |                 | <b>0.14</b> |    |                 |        |       |

## 22. VOIDED, SUPERSEDED, OR SUBSUMED PERMITS:

The following is a list of all active permits voided/superseded/subsumed by the issuance of this permit.

| Permit #    |
|-------------|
| 2348-AOP-R4 |



## APPENDIX A – EMISSION CHANGES AND FEE CALCULATION

## Fee Calculation for Major Source

Revised 03-11-16

Facility Name: Anthony Forest Products  
 Permit Number: 2348-AOP-R5  
 AFIN: 70-00032

|               |           |                                   |              |
|---------------|-----------|-----------------------------------|--------------|
| \$/ton factor | 28.14     | Annual Chargeable Emissions (tpy) | <u>685.7</u> |
| Permit Type   | Minor Mod | Permit Fee \$                     | <u>500</u>   |

Minor Modification Fee \$ 500  
 Minimum Modification Fee \$ 1000  
 Renewal with Minor Modification \$ 500

Check if Facility Holds an Active Minor Source or Minor Source General Permit ☐

If Hold Active Permit, Amt of Last Annual Air Permit Invoice \$ 0

Total Permit Fee Chargeable Emissions (tpy) -0.1

Initial Title V Permit Fee Chargeable Emissions (tpy)

*HAPs not included in VOC or PM:*

*Chlorine, Hydrazine, HCl, HF, Methyl Chloroform, Methylene Chloride, Phosphine, Tetrachloroethylene, Titanium Tetrachloride*

*Air Contaminants:*

*All air contaminants are chargeable unless they are included in other totals (e.g., H2SO4 in condensible PM, H2S in TRS, etc.)*

| Pollutant (tpy)   | Check if Chargeable Emission | Old Permit | New Permit | Change in Emissions | Permit Fee Chargeable Emissions | Annual Chargeable Emissions |
|-------------------|------------------------------|------------|------------|---------------------|---------------------------------|-----------------------------|
| PM                |                              | 56.6       | 56.6       | 0                   | 0                               | 56.6                        |
| PM <sub>10</sub>  |                              | 12.9       | 12.9       | 0                   |                                 |                             |
| PM <sub>2.5</sub> |                              | 0          |            | 0                   |                                 |                             |
| SO <sub>2</sub>   |                              | 0.6        | 0.5        | -0.1                | -0.1                            | 0.5                         |
| VOC               |                              | 599.2      | 599.2      | 0                   | 0                               | 599.2                       |
| CO                |                              | 48.9       | 48.9       | 0                   |                                 |                             |
| NO <sub>x</sub>   |                              | 29.4       | 29.4       | 0                   | 0                               | 29.4                        |
| Total HAPs        | <input type="checkbox"/>     | 46.31      | 46.32      | 0.01                |                                 |                             |