West Virginia Department of Environmental Protection

Harold D. Ward
Cabinet Secretary

Permit to Operate

Pursuant to
Title V
of the Clean Air Act

Issued to:
Weyerhaeuser NR Company
Sutton OSB Mill
R30- 00700016-2024

Laura M. Crowder

Laura M. Crowder
Director, Division of Air Quality

Laura M. Crowder

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Date: 2024.01.08 12:45:30 -05'00'

Issued: January 8, 2024 • Effective: January 22, 2024
Expiration: January 8, 2029 • Renewal Application Due: July 8, 2028

Permit Number: **R30-00700016-2024**
Permittee: **Weyerhaeuser NR Company**
Facility Name: **Sutton OSB Mill**
Permittee Mailing Address: **3601 Gauley Turnpike, Heaters, WV 26627**

This permit is issued in accordance with the West Virginia Air Pollution Control Act (West Virginia Code §§ 22-5-1 et seq.) and 45CSR30 - Requirements for Operating Permits. The permittee identified at the above-referenced facility is authorized to operate the stationary sources of air pollutants identified herein in accordance with all terms and conditions of this permit.

Facility Location:	Heaters, Braxton County, West Virginia
Facility Mailing Address:	3601 Gauley Turnpike, Heaters, WV 26627
Telephone Number:	(304) 765-4200
Type of Business Entity:	Corporation
Facility Description:	Manufacturer of oriented strand board (OSB)
SIC Codes:	2493
UTM Coordinates:	529.939 km Easting • 4,290.213 km Northing • Zone 17

Permit Writer: Robert Mullins

Any person whose interest may be affected, including, but not necessarily limited to, the applicant and any person who participated in the public comment process, by a permit issued, modified or denied by the Secretary may appeal such action of the Secretary to the Air Quality Board pursuant to article one [§§ 22B-1-1 et seq.], Chapter 22B of the Code of West Virginia. West Virginia Code §22-5-14.

Issuance of this Title V Operating Permit does not supersede or invalidate any existing permits under 45CSR13, 14 or 19, although all applicable requirements from such permits governing the facility's operation and compliance have been incorporated into the Title V Operating Permit.

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1.0. Emission Units and Active R13, R14, and R19 Permits

1.1. Emission Units[1]

Emission Unit ID	Emission Point ID	Emission Unit Description	Year Installed	Design Capacity	Control Device
1S	1	Flaking and Screening System (consists of 2 flakers, 27 conveyor pickups, 6 green screens, and 1 hog and disk screen)	1996	65,450 ACFM 50 lb/hr (oven dry)	Fabric Filter 4313-00-10
3S	3	Dry Flake Area (consists of 4 dry bins, 17 conveyor pickups, 4 weigh belts, 4 blenders, and 4 forming bins)	1996	53,400 ACFM 3,300 lb/hr (oven dry)	Fabric Filter 4333-00-10
4S	4	Mat Trim System (consists of 2 mat side trim saws, 2 flying end saws, and 6 material collection hoppers)	1996	43,100 ACFM 5,500 lb/hr (oven dry)	Fabric Filter 4345-00-10
5S	5	Rough Trim System (consists of 4 rough trim and hogging heads, material collection screw, and 5 press pit floor sweeps)	1996	21,200 ACFM 5,730 lb/hr (oven dry)	Fabric Filter 4353-00-10
6S	6	Tongue & Groove and Sawing System (consists of 2 four-head T&G systems, 1 two-head T&G machine, finish crosscut {2 hogging heads and 2 saws} and finish ripcut {2 hogging heads and 2 saws})	1996	30,970 ACFM 6,160 lb/hr (oven dry)	Fabric Filter 4363-00-10
7S	7	Sander Dust System (consists of a 6-head wide belt sander)	1996	44,800 ACFM 2,200 lb/hr (oven dry)	Fabric Filter 4374-00-10
9S	9	Dry Waste System (pneumatically relays material through 2 cyclones to the Dry Fuel Silo from systems 3, 4, 5, and 6 to the Sander Dust Silo from system 7)	1996	13,200 ACFM 8,550 lb/hr (oven dry)	Fabric Filter 4397-00-10
3816-00-11	10	Energy Cell No. 1 Auxiliary Burner – Idle Run[1]	1996	29 MMBTU/hr	Multi-Clone No.1 3820-00-10
3800-00-10	10	Energy Cell No. 1 - Idle Run[1]	1996	<30 MMBTU/hr	Multi-Clone No.1 3820-00-10

Emission Unit ID	Emission Point ID	Emission Unit Description	Year Installed	Design Capacity	Control Device
3816-00-11	21A 23	Energy Cell No. 1 Auxiliary Burner – Normal Run[1]	1996	29 MMBTU/hr	WESP[3] 4130-00-10 Biofilter 4800-00-10
3800-00-10	21A 23	Energy Cell No. 1 – Normal Run[1]	1996	175 MMBTU/hr	
3916-00-11	11	Energy Cell No. 2 Auxiliary Burner – Idle Run[1]	1996	29 MMBTU/hr	Multi-Clone No.2 3920-00-10
3900-00-10	11	Energy Cell No. 2 - Idle Run[1]	1996	< 30 MMBTU/hr	Multi-Clone No.2 3920-00-10
3916-00-11	21A 23	Energy Cell No. 2 Auxiliary Burner – Normal Run[1]	1996	29 MMBTU/hr	WESP[3] 4130-00-10 Biofilter 4800-00-10
3900-00-10	21A 23	Energy Cell No. 2 – Normal Run[1]	1996	175 MMBTU/hr	
3130-00-11	21A 23	Auxiliary Burner – Dryer No. 1	1996	55 MMBTU/hr	WESP[3] 4130-00-10 Biofilter 4800-00-10
3230-00-11	21A 23	Auxiliary Burner – Dryer No. 2	1996	55 MMBTU/hr	
3330-00-11	21A 23	Auxiliary Burner – Dryer No. 3	1996	55 MMBTU/hr	WESP[3] 4130-00-10 Biofilter 4800-00-10
3430-00-11	21A 23	Auxiliary Burner – Dryer No. 4	1996	55 MMBTU/hr	
4700-00-10	21A 23	OSB Press Vent Exhaust	1996	60.4 Ton/hr	WESP[3] 4130-00-10 Biofilter 4800-00-10
4700-00-10	24	OSB Press Vent Exhaust (Bypass Mode)	1996	60.4 Ton/hr	None
27S	27	Emergency Diesel Generator	1996	1030 hp	None
31S	31	Liquid Phenolic Resin Tank No. 1	1996	15,000 Gallons	None
32S	32	Liquid Phenolic Resin Tank No. 2	1996	15,000 Gallons	None
33S	33	Liquid Phenolic Resin Tank No. 3	1996	15,000 Gallons	None
34S	34	Liquid Phenolic Resin Tank No. 4	1996	15,000 Gallons	None
46S	46	Liquid Phenolic Resin Tank No. 5	2005	15,000 Gallons	None

Emission Unit ID	Emission Point ID	Emission Unit Description	Year Installed	Design Capacity	Control Device
47S	47	Liquid Phenolic Resin Tank No. 6	2005	15,000 Gallons	None
35S	35	MDI Tank No. 1	1996	15,000 Gallons	None
36S	36	MDI Tank No. 2	1996	15,000 Gallons	None
37S	37	Wax Tank No. 1	1996	15,000 Gallons	None
38S	38	Wax Tank No. 2	1996	15,000 Gallons	None
40S and 41S	40A[4]	Paint Booth No. 1	2002	26 Gal./hr	Filters
42S and 43S	42 and 43	Paint Booth No. 2	2002	26 Gal./hr	Filters
44S and 45S	44A[4]	Paint Booth No. 3	2002	26 Gal./hr	Filters

(1) WESP = Wet Electrostatic Precipitator

(2) Energy Cells are authorized to operate in the following scenarios: During "normal operations," gases will be vented through the WESP and Biofilter and out Emission Point 23. During RCDME, gases will be vented through the WESP and out Emission Point 21A. During "Idle Run Condition," gases will be vented through Multiclones and out Emission Points 10 and 11. During "Energy Cell Only Mode," gases will be vented through the WESP and out Emission Point 21A.

(3) As of the issuance of R13-1761L, until such time as the new WESP (4130-00-10) is installed and operating, the permittee is authorized to use the two (2) existing WESPs (4110-00-10 and 4120-00-10) in place of the new WESP. The existing WESPs will comply with all requirements applicable to the new WESP contained herein.

(4) Vents inside the warehouse building.

1.2. Active R13, R14, and R19 Permits

The underlying authority for any conditions from R13, R14, and/or R19 permits contained in this operating permit is cited using the original permit number (e.g. R13-1234). The current applicable version of such permit(s) is listed below.

Permit Number	Date of Issuance
R13-1761L	October 13, 2023

2.0. General Conditions

2.1. Definitions

2.1.1. All references to the "West Virginia Air Pollution Control Act" or the "Air Pollution Control Act" mean those provisions contained in W.Va. Code §§ 22-5-1 to 22-5-18.

2.1.2. The "Clean Air Act" means those provisions contained in 42 U.S.C. §§ 7401 to 7671q, and regulations promulgated thereunder.

2.1.3. "Secretary" means the Secretary of the Department of Environmental Protection or other person to whom the Secretary has delegated authority or duties pursuant to W.Va. Code §§ 22-1-6 or 22-1-8 (45CSR§30-2.39.). The Director of the Division of Air Quality is the Secretary's designated representative for the purposes of this permit.

2.1.4. Unless otherwise specified in a permit condition or underlying rule or regulation, all references to a "rolling yearly total" shall mean the sum of the monthly data, values or parameters being measured, monitored, or recorded, at any given time for the previous twelve (12) consecutive calendar months.

2.2. Acronyms

CAAA	Clean Air Act Amendments	**NO_x**	Nitrogen Oxides
CBI	Confidential Business Information	**NSPS**	New Source Performance Standards
CEM	Continuous Emission Monitor	**PM**	Particulate Matter
CES	Certified Emission Statement	**PM_{10}**	Particulate Matter less than 10μm in diameter
C.F.R. *or* CFR	Code of Federal Regulations		
CO	Carbon Monoxide	**pph**	Pounds per Hour
C.S.R. *or* CSR	Codes of State Rules	**ppm**	Parts per Million
DAQ	Division of Air Quality	**PSD**	Prevention of Significant Deterioration
DEP	Department of Environmental Protection	**psi**	Pounds per Square Inch
FOIA	Freedom of Information Act	**SIC**	Standard Industrial Classification
HAP	Hazardous Air Pollutant		
HON	Hazardous Organic NESHAP	**SIP**	State Implementation Plan
HP	Horsepower	**SO_2**	Sulfur Dioxide
lbs/hr *or* lb/hr	Pounds per Hour	**TAP**	Toxic Air Pollutant
LDAR	Leak Detection and Repair	**TPY**	Tons per Year
m	Thousand	**TRS**	Total Reduced Sulfur
MACT	Maximum Achievable Control Technology	**TSP**	Total Suspended Particulate
		USEPA	United States Environmental Protection Agency
mm	Million		
mmBtu/hr	Million British Thermal Units per Hour	**UTM**	Universal Transverse Mercator
		VEE	Visual Emissions Evaluation
$mmft^3$/hr *or* mmcf/hr	Million Cubic Feet Burned per Hour	**VOC**	Volatile Organic Compounds
NA *or* N/A	Not Applicable		
NAAQS	National Ambient Air Quality Standards		
NESHAPS	National Emissions Standards for Hazardous Air Pollutants		

2.3. Permit Expiration and Renewal

2.3.1. Permit duration. This permit is issued for a fixed term of five (5) years and shall expire on the date specified on the cover of this permit, except as provided in 45CSR§30-6.3.b. and 45CSR§30-6.3.c.
[45CSR§30-5.1.b.]

2.3.2. A permit renewal application is timely if it is submitted at least six (6) months prior to the date of permit expiration.
[45CSR§30-4.1.a.3.]

2.3.3. Permit expiration terminates the source's right to operate unless a timely and complete renewal application has been submitted consistent with 45CSR§30-6.2. and 45CSR§30-4.1.a.3.
[45CSR§30-6.3.b.]

2.3.4. If the Secretary fails to take final action to deny or approve a timely and complete permit application before the end of the term of the previous permit, the permit shall not expire until the renewal permit has been issued or denied, and any permit shield granted for the permit shall continue in effect during that time.
[45CSR§30-6.3.c.]

2.4. Permit Actions

2.4.1. This permit may be modified, revoked, reopened and reissued, or terminated for cause. The filing of a request by the permittee for a permit modification, revocation and reissuance, or termination, or of a notification of planned changes or anticipated noncompliance does not stay any permit condition.
[45CSR§30-5.1.f.3.]

2.5. Reopening for Cause

2.5.1. This permit shall be reopened and revised under any of the following circumstances:

a. Additional applicable requirements under the Clean Air Act or the Secretary's legislative rules become applicable to a major source with a remaining permit term of three (3) or more years. Such a reopening shall be completed not later than eighteen (18) months after promulgation of the applicable requirement. No such reopening is required if the effective date of the requirement is later than the date on which the permit is due to expire, unless the original permit or any of its terms and conditions has been extended pursuant to 45CSR§§30-6.6.a.1.A. or B.

b. Additional requirements (including excess emissions requirements) become applicable to an affected source under Title IV of the Clean Air Act (Acid Deposition Control) or other legislative rules of the Secretary. Upon approval by U.S. EPA, excess emissions offset plans shall be incorporated into the permit.

c. The Secretary or U.S. EPA determines that the permit contains a material mistake or that inaccurate statements were made in establishing the emissions standards or other terms or conditions of the permit.

d. The Secretary or U.S. EPA determines that the permit must be revised or revoked and reissued to assure compliance with the applicable requirements.

[45CSR§30-6.6.a.]

2.6. Administrative Permit Amendments

2.6.1. The permittee may request an administrative permit amendment as defined in and according to the procedures specified in 45CSR§30-6.4.
[45CSR§30-6.4.]

2.7. Minor Permit Modifications

2.7.1. The permittee may request a minor permit modification as defined in and according to the procedures specified in 45CSR§30-6.5.a.
[45CSR§30-6.5.a.]

2.8. Significant Permit Modification

2.8.1. The permittee may request a significant permit modification, in accordance with 45CSR§30-6.5.b., for permit modifications that do not qualify for minor permit modifications or as administrative amendments.
[45CSR§30-6.5.b.]

2.9. Emissions Trading

2.9.1. No permit revision shall be required, under any approved economic incentives, marketable permits, emissions trading, and other similar programs or processes for changes that are provided for in the permit and that are in accordance with all applicable requirements.
[45CSR§30-5.1.h.]

2.10. Off-Permit Changes

2.10.1. Except as provided below, a facility may make any change in its operations or emissions that is not addressed nor prohibited in its permit and which is not considered to be construction nor modification under any rule promulgated by the Secretary without obtaining an amendment or modification of its permit. Such changes shall be subject to the following requirements and restrictions:

a. The change must meet all applicable requirements and may not violate any existing permit term or condition.

b. The permittee must provide a written notice of the change to the Secretary and to U.S. EPA within two (2) business days following the date of the change. Such written notice shall describe each such change, including the date, any change in emissions, pollutants emitted, and any applicable requirement that would apply as a result of the change.

c. The change shall not qualify for the permit shield.

d. The permittee shall keep records describing all changes made at the source that result in emissions of regulated air pollutants, but not otherwise regulated under the permit, and the emissions resulting from those changes.

e. No permittee may make any change subject to any requirement under Title IV of the Clean Air Act (Acid Deposition Control) pursuant to the provisions of 45CSR§30-5.9.

f. No permittee may make any changes which would require preconstruction review under any provision of Title I of the Clean Air Act (including 45CSR14 and 45CSR19) pursuant to the provisions of 45CSR§30-5.9.

[45CSR§30-5.9.]

2.11. Operational Flexibility

2.11.1. The permittee may make changes within the facility as provided by § 502(b)(10) of the Clean Air Act. Such operational flexibility shall be provided in the permit in conformance with the permit application and applicable requirements. No such changes shall be a modification under any rule or any provision of Title I of the Clean Air Act (including 45CSR14 and 45CSR19) promulgated by the Secretary in accordance with Title I of the Clean Air Act and the change shall not result in a level of emissions exceeding the emissions allowable under the permit.
[45CSR§30-5.8]

2.11.2. Before making a change under 45CSR§30-5.8., the permittee shall provide advance written notice to the Secretary and to U.S. EPA, describing the change to be made, the date on which the change will occur, any changes in emissions, and any permit terms and conditions that are affected. The permittee shall thereafter maintain a copy of the notice with the permit, and the Secretary shall place a copy with the permit in the public file. The written notice shall be provided to the Secretary and U.S. EPA at least seven (7) days prior to the date that the change is to be made, except that this period may be shortened or eliminated as necessary for a change that must be implemented more quickly to address unanticipated conditions posing a significant health, safety, or environmental hazard. If less than seven (7) days notice is provided because of a need to respond more quickly to such unanticipated conditions, the permittee shall provide notice to the Secretary and U.S. EPA as soon as possible after learning of the need to make the change.
[45CSR§30-5.8.a.]

2.11.3. The permit shield shall not apply to changes made under 45CSR§30-5.8., except those provided for in 45CSR§30-5.8.d. However, the protection of the permit shield will continue to apply to operations and emissions that are not affected by the change, provided that the permittee complies with the terms and conditions of the permit applicable to such operations and emissions. The permit shield may be reinstated for emissions and operations affected by the change:

a. If subsequent changes cause the facility's operations and emissions to revert to those authorized in the permit and the permittee resumes compliance with the terms and conditions of the permit, or

b. If the permittee obtains final approval of a significant modification to the permit to incorporate the change in the permit.

[45CSR§30-5.8.c.]

2.11.4. "Section 502(b)(10) changes" are changes that contravene an express permit term. Such changes do not include changes that would violate applicable requirements or contravene enforceable permit terms and conditions that are monitoring (including test methods), recordkeeping, reporting, or compliance certification requirements.
[45CSR§30-2.40]

2.12. Reasonably Anticipated Operating Scenarios

2.12.1. The following are terms and conditions for reasonably anticipated operating scenarios identified in this permit.

a. Contemporaneously with making a change from one operating scenario to another, the permittee shall record in a log at the permitted facility a record of the scenario under which it is operating and to document the change in reports submitted pursuant to the terms of this permit and 45CSR30.

b. The permit shield shall extend to all terms and conditions under each such operating scenario; and

c. The terms and conditions of each such alternative scenario shall meet all applicable requirements and the requirements of 45CSR30.

[45CSR§30-5.1.i.]

2.13. Duty to Comply

2.13.1. The permittee must comply with all conditions of this permit. Any permit noncompliance constitutes a violation of the West Virginia Code and the Clean Air Act and is grounds for enforcement action by the Secretary or USEPA; for permit termination, revocation and reissuance, or modification; or for denial of a permit renewal application.
[45CSR§30-5.1.f.1.]

2.14. Inspection and Entry

2.14.1. The permittee shall allow any authorized representative of the Secretary, upon the presentation of credentials and other documents as may be required by law, to perform the following:

a. At all reasonable times (including all times in which the facility is in operation) enter upon the permittee's premises where a 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 that must be kept under the conditions of this permit;

c. Inspect at reasonable times (including all times in which the facility is in operation) any facilities, equipment (including monitoring and air pollution control equipment), practices, or operations regulated or required under the permit;

d. Sample or monitor at reasonable times substances or parameters to determine compliance with the permit or applicable requirements or ascertain the amounts and types of air pollutants discharged.

[45CSR§30-5.3.b.]

2.15. Schedule of Compliance

2.15.1. For sources subject to a compliance schedule, certified progress reports shall be submitted consistent with the applicable schedule of compliance set forth in this permit and 45CSR§30-4.3.h., but at least every six (6) months, and no greater than once a month, and shall include the following:

a. Dates for achieving the activities, milestones, or compliance required in the schedule of compliance, and dates when such activities, milestones or compliance were achieved; and

b. An explanation of why any dates in the schedule of compliance were not or will not be met, and any preventative or corrective measure adopted.

[45CSR§30-5.3.d.]

2.16. Need to Halt or Reduce Activity not a Defense

2.16.1. It shall not be a defense for a permittee in an enforcement action that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of this permit. However, nothing in this paragraph shall be construed as precluding consideration of a need to halt or reduce activity as a mitigating factor in determining penalties for noncompliance if the health, safety, or environmental impacts of halting or reducing operations would be more serious than the impacts of continued operations.
[45CSR§30-5.1.f.2.]

2.17. Reserved

2.18. Federally-Enforceable Requirements

2.18.1. All terms and conditions in this permit, including any provisions designed to limit a source's potential to emit and excepting those provisions that are specifically designated in the permit as "State-enforceable only", are enforceable by the Secretary, USEPA, and citizens under the Clean Air Act.
[45CSR§30-5.2.a.]

2.18.2. Those provisions specifically designated in the permit as “State-enforceable only” shall become “Federally-enforceable” requirements upon SIP approval by the USEPA.

2.19. Duty to Provide Information

2.19.1. The permittee shall furnish to the Secretary within a reasonable time any information the Secretary may request in writing to determine whether cause exists for modifying, revoking and reissuing, or terminating the permit or to determine compliance with the permit. Upon request, the permittee shall also furnish to the Secretary copies of records required to be kept by the permittee. For information claimed to be confidential, the permittee shall furnish such records to the Secretary along with a claim of confidentiality in accordance with 45CSR31. If confidential information is to be sent to USEPA, the permittee shall

directly provide such information to USEPA along with a claim of confidentiality in accordance with 40 C.F.R. Part 2.
[45CSR§30-5.1.f.5.]

2.20. Duty to Supplement and Correct Information

2.20.1. Upon becoming aware of a failure to submit any relevant facts or a submittal of incorrect information in any permit application, the permittee shall promptly submit to the Secretary such supplemental facts or corrected information.
[45CSR§30-4.2.]

2.21. Permit Shield

2.21.1. Compliance with the conditions of this permit shall be deemed compliance with any applicable requirements as of the date of permit issuance provided that such applicable requirements are included and are specifically identified in this permit or the Secretary has determined that other requirements specifically identified are not applicable to the source and this permit includes such a determination or a concise summary thereof.
[45 CSR§30-5.6.a.]

2.21.2. Nothing in this permit shall alter or affect the following:

a. The liability of an owner or operator of a source for any violation of applicable requirements prior to or at the time of permit issuance; or

b. The applicable requirements of the Code of West Virginia and Title IV of the Clean Air Act (Acid Deposition Control), consistent with § 408 (a) of the Clean Air Act.

c. The authority of the Administrator of U.S. EPA to require information under § 114 of the Clean Air Act or to issue emergency orders under § 303 of the Clean Air Act.

[45CSR§30-5.6.c.]

2.22. Credible Evidence

2.22.1. Nothing in this permit shall alter or affect the ability of any person to establish compliance with, or a violation of, any applicable requirement through the use of credible evidence to the extent authorized by law. Nothing in this permit shall be construed to waive any defenses otherwise available to the permittee including but not limited to any challenge to the credible evidence rule in the context of any future proceeding.
[45CSR§30-5.3.e.3.B.]

2.23. Severability

2.23.1. The provisions of this permit are severable. If any provision of this permit, or the application of any provision of this permit to any circumstance is held invalid by a court of competent jurisdiction, the remaining permit terms and conditions or their application to other circumstances shall remain in full force and effect.
[45CSR§30-5.1.e.]

2.24. Property Rights

2.24.1. This permit does not convey any property rights of any sort or any exclusive privilege.
[45CSR§30-5.1.f.4]

2.25. Acid Deposition Control

2.25.1. Emissions shall not exceed any allowances that the source lawfully holds under Title IV of the Clean Air Act (Acid Deposition Control) or rules of the Secretary promulgated thereunder.

a. No permit revision shall be required for increases in emissions that are authorized by allowances acquired pursuant to the acid deposition control program, provided that such increases do not require a permit revision under any other applicable requirement.

b. No limit shall be placed on the number of allowances held by the source. The source may not, however, use allowances as a defense to noncompliance with any other applicable requirement.

c. Any such allowance shall be accounted for according to the procedures established in rules promulgated under Title IV of the Clean Air Act.

[45CSR§30-5.1.d.]

2.25.2. Where applicable requirements of the Clean Air Act are more stringent than any applicable requirement of regulations promulgated under Title IV of the Clean Air Act (Acid Deposition Control), both provisions shall be incorporated into the permit and shall be enforceable by the Secretary and U. S. EPA.
[45CSR§30-5.1.a.2.]

3.0. Facility-Wide Requirements

3.1. Limitations and Standards

3.1.1. **Open burning.** The open burning of refuse by any person is prohibited except as noted in 45CSR§6-3.1. **[45CSR§6-3.1.]**

3.1.2. **Open burning exemptions.** The exemptions listed in 45CSR§6-3.1 are subject to the following stipulation: Upon notification by the Secretary, no person shall cause or allow any form of open burning during existing or predicted periods of atmospheric stagnation. Notification shall be made by such means as the Secretary may deem necessary and feasible. **[45CSR§6-3.2.]**

3.1.3. **Asbestos.** The permittee is responsible for thoroughly inspecting the facility, or part of the facility, prior to commencement of demolition or renovation for the presence of asbestos and complying with 40 C.F.R. § 61.145, 40 C.F.R. § 61.148, and 40 C.F.R. § 61.150. The permittee, owner, or operator must notify the Secretary at least ten (10) working days prior to the commencement of any asbestos removal on the forms prescribed by the Secretary if the permittee is subject to the notification requirements of 40 C.F.R. § 61.145(b)(3)(i). The USEPA, the Division of Waste Management and the Bureau for Public Health - Environmental Health require a copy of this notice to be sent to them. **[40 C.F.R. §61.145(b) and 45CSR34]**

3.1.4. **Odor.** No person shall cause, suffer, allow or permit the discharge of air pollutants which cause or contribute to an objectionable odor at any location occupied by the public. **[45CSR§4-3.1 State-Enforceable only.]**

3.1.5. **Standby plan for reducing emissions.** When requested by the Secretary, the permittee shall prepare standby plans for reducing the emissions of air pollutants in accordance with the objectives set forth in Tables I, II, and III of 45CSR11. **[45CSR§11-5.2]**

3.1.6. **Emission inventory.** The permittee is responsible for submitting, on an annual basis, an emission inventory in accordance with the submittal requirements of the Division of Air Quality. **[W.Va. Code § 22-5-4(a)(14)]**

3.1.7. **Ozone-depleting substances.** For those facilities performing maintenance, service, repair or disposal of appliances, the permittee shall comply with the standards for recycling and emissions reduction pursuant to 40 C.F.R. Part 82, Subpart F, except as provided for Motor Vehicle Air Conditioners (MVACs) in Subpart B:

a. Persons opening appliances for maintenance, service, repair, or disposal must comply with the prohibitions and required practices pursuant to 40 C.F.R. §§ 82.154 and 82.156.

b. Equipment used during the maintenance, service, repair, or disposal of appliances must comply with the standards for recycling and recovery equipment pursuant to 40 C.F.R. § 82.158.

c. Persons performing maintenance, service, repair, or disposal of appliances must be certified by an approved technician certification program pursuant to 40 C.F.R. § 82.161.

[40 C.F.R. 82, Subpart F]

3.1.8. **Risk Management Plan.** Should this stationary source, as defined in 40 C.F.R. § 68.3, become subject to Part 68, then the owner or operator shall submit a risk management plan (RMP) by the date specified in 40 C.F.R. § 68.10 and shall certify compliance with the requirements of Part 68 as part of the annual compliance certification as required by 40 C.F.R. Part 70 or 71.
[40 C.F.R. 68]

3.2. Monitoring Requirements

3.2.1. None.

3.3. Testing Requirements

3.3.1. **Stack testing.** As per provisions set forth in this permit or as otherwise required by the Secretary, in accordance with the West Virginia Code, underlying regulations, permits and orders, the permittee shall conduct test(s) to determine compliance with the emission limitations set forth in this permit and/or established or set forth in underlying documents. The Secretary, or his duly authorized representative, may at his option witness or conduct such test(s). Should the Secretary exercise his option to conduct such test(s), the operator shall provide all necessary sampling connections and sampling ports to be located in such manner as the Secretary may require, power for test equipment and the required safety equipment, such as scaffolding, railings and ladders, to comply with generally accepted good safety practices. Such tests shall be conducted in accordance with the methods and procedures set forth in this permit or as otherwise approved or specified by the Secretary in accordance with the following:

a. The Secretary may on a source-specific basis approve or specify additional testing or alternative testing to the test methods specified in the permit for demonstrating compliance with 40 C.F.R. Parts 60, 61, and 63, if applicable, in accordance with the Secretary's delegated authority and any established equivalency determination methods which are applicable.

b. The Secretary may on a source-specific basis approve or specify additional testing or alternative testing to the test methods specified in the permit for demonstrating compliance with applicable requirements which do not involve federal delegation. In specifying or approving such alternative testing to the test methods, the Secretary, to the extent possible, shall utilize the same equivalency criteria as would be used in approving such changes under Section 3.3.1.a. of this permit.

c. All periodic tests to determine mass emission limits from or air pollutant concentrations in discharge stacks and such other tests as specified in this permit shall be conducted in accordance with an approved test protocol. Unless previously approved, such protocols shall be submitted to the Secretary in writing at least thirty (30) days prior to any testing and shall contain the information set forth by the Secretary. In addition, the permittee shall notify the Secretary at least fifteen (15) days prior to any testing so the Secretary may have the opportunity to observe such tests. This notification shall include the actual date and time during which the test will be conducted and, if appropriate, verification that the tests will fully conform to a referenced protocol previously approved by the Secretary.

d. The permittee shall submit a report of the results of the stack test within 60 days of completion of the test. The test report shall provide the information necessary to document the objectives of the test and to determine whether proper procedures were used to accomplish these objectives. The report shall include the following: the certification described in paragraph 3.5.1; a statement of compliance status, also signed by a responsible official; and, a summary of conditions which form the basis for the compliance status evaluation. The summary of conditions shall include the following:

1. The permit or rule evaluated, with the citation number and language.

2. The result of the test for each permit or rule condition.

3. A statement of compliance or non-compliance with each permit or rule condition.

[WV Code §§ 22-5-4(a)(14-15) and 45CSR13]

3.4. Recordkeeping Requirements

3.4.1. **Monitoring information.** The permittee shall keep records of monitoring information that include the following:

a. The date, place as defined in this permit and time of sampling or measurements;

b. The date(s) analyses were performed;

c. The company or entity that performed the analyses;

d. The analytical techniques or methods used;

e. The results of the analyses; and

f. The operating conditions existing at the time of sampling or measurement.

[45CSR§30-5.1.c.2.A., 45CSR13, R13-1761, 4.4.1]

3.4.2. **Retention of records.** The permittee shall retain records of all required monitoring data and support information for a period of at least five (5) years from the date of monitoring sample, measurement, report, application, or record creation date. Support information includes all calibration and maintenance records and all original strip-chart recordings for continuous monitoring instrumentation, and copies of all reports required by the permit. Where appropriate, records may be maintained in computerized form in lieu of the above records.
[45CSR§30-5.1.c.2.B.]

3.4.3. **Odors.** For the purposes of 45CSR4, the permittee shall maintain a record of all odor complaints received, any investigation performed in response to such a complaint, and any responsive action(s) taken.
[45CSR§30-5.1.c. State-Enforceable only.]

3.5. Reporting Requirements

3.5.1. **Responsible official.** Any application form, report, or compliance certification required by this permit to be submitted to the DAQ and/or USEPA shall contain a certification by the responsible official that states that, based on information and belief formed after reasonable inquiry, the statements and information in the document are true, accurate and complete.
[45CSR§§30-4.4. *and* 5.1.c.3.D.]

3.5.2. A permittee may request confidential treatment for the submission of reporting required under 45CSR§30-5.1.c.3. pursuant to the limitations and procedures of W.Va. Code § 22-5-10 and 45CSR31. **[45CSR§30-5.1.c.3.E.]**

3.5.3. Except for the electronic submittal of the annual compliance certification and semi-annual monitoring reports to the DAQ and USEPA as required in 3.5.5 and 3.5.6 below, all notices, requests, demands, submissions and other communications required or permitted to be made to the Secretary of DEP and/or USEPA shall be made in writing and shall be deemed to have been duly given when delivered by hand, or mailed first class or by private carrier with postage prepaid to the address(es), or submitted in electronic format by e-mail as set forth below or to such other person or address as the Secretary of the Department of Environmental Protection may designate:

DAQ:

Director
WVDEP
Division of Air Quality
601 57th Street SE
Charleston, WV 25304

US EPA:

Section Chief
U. S. Environmental Protection Agency, Region III
Enforcement and Compliance Assurance Division
Air, RCRA and Toxics Branch (3ED21)
Four Penn Center
1600 John F. Kennedy Boulevard
Philadelphia, PA 19103-2852

DAQ Compliance and Enforcement[1]:
DEPAirQualityReports@wv.gov

[1]For all self-monitoring reports (MACT, GACT, NSPS, etc.), stack tests and protocols, Notice of Compliance Status reports, Initial Notifications, etc.

3.5.4. **Fees.** The permittee shall pay fees on an annual basis in accordance with 45CSR§30-8. **[45CSR§30-8.]**

3.5.5. **Compliance certification.** The permittee shall certify compliance with the conditions of this permit on the forms provided by the DAQ. In addition to the annual compliance certification, the permittee may be required to submit certifications more frequently under an applicable requirement of this permit. The annual certification shall be submitted to the DAQ and USEPA on or before March 15 of each year, and shall certify compliance for the period ending December 31. The permittee shall maintain a copy of the certification on site for five (5) years from submittal of the certification. The annual certification shall be submitted in electronic format by e-mail to the following addresses:

DAQ:
DEPAirQualityReports@wv.gov

US EPA:
R3_APD_Permits@epa.gov

[45CSR§30-5.3.e.]

3.5.6. **Semi-annual monitoring reports.** The permittee shall submit reports of any required monitoring on or before September 15 for the reporting period January 1 to June 30 and on or before March 15 for the reporting period July 1 to December 31. All instances of deviation from permit requirements must be clearly identified in such reports. All required reports must be certified by a responsible official consistent

with 45CSR§30-4.4. The semi-annual monitoring reports shall be submitted in electronic format by e-mail to the following address:

DAQ:
DEPAirQualityReports@wv.gov

[45CSR§30-5.1.c.3.A.]

3.5.7. **Reserved.**

3.5.8. **Deviations.**

a. In addition to monitoring reports required by this permit, the permittee shall promptly submit supplemental reports and notices in accordance with the following:

1. Reserved.

2. Any deviation that poses an imminent and substantial danger to public health, safety, or the environment shall be reported to the Secretary immediately by telephone or email. A written report of such deviation, which shall include the probable cause of such deviation, and any corrective actions or preventative measures taken, shall be submitted by the responsible official within ten (10) days of the deviation.

3. Deviations for which more frequent reporting is required under this permit shall be reported on the more frequent basis.

4. All reports of deviations shall identify the probable cause of the deviation and any corrective actions or preventative measures taken.

[45CSR§30-5.1.c.3.C.]

b. The permittee shall, in the reporting of deviations from permit requirements, including those attributable to upset conditions as defined in this permit, report the probable cause of such deviations and any corrective actions or preventive measures taken in accordance with any rules of the Secretary. **[45CSR§30-5.1.c.3.B.]**

3.5.9. **New applicable requirements.** If any applicable requirement is promulgated during the term of this permit, the permittee will meet such requirements on a timely basis, or in accordance with a more detailed schedule if required by the applicable requirement.
[45CSR§30-4.3.h.1.B.]

3.6. Compliance Plan

3.6.1. None.

3.7. Permit Shield

3.7.1. The permittee is hereby granted a permit shield in accordance with 45CSR§30-5.6. The permit shield applies provided the permittee operates in accordance with the information contained within this permit.

3.7.2. The following requirements specifically identified are not applicable to the source based on the determinations set forth below. The permit shield shall apply to the following requirements provided the conditions of the determinations are met.

a. 40 C.F.R. 60, Subpart Kb – "Standards of Performance for Volatile Organic Liquid Storage Vessels (Including Petroleum Storage Vessels) for Which Construction, Reconstruction, or Modification Commenced After July 23, 1984." 40 C.F.R. 60, Subpart Kb applies to each storage vessel with a capacity greater than or equal to 75m^3 (19,813 gallons) that is used to store volatile organic liquids for which construction, reconstruction, or modification commenced after July 23, 1984. All tanks at the facility were installed after the July 23, 1984 applicability date, but are not subject to the requirements of 40 C.F.R. 60, Subpart Kb because their capacities are less than 75 m^3.

4.0. Source-Specific Requirements [emission point ID(s): 1, 3 – 7, 9 – 11, 21A, 23, 24, 27, 31 – 38, 40A, 42, 43, 44A, 46, and 47]

4.1. Limitations and Standards

4.1.1. The permittee shall operate the following particulate matter control devices and said control devices shall be designed to achieve the removal efficiencies as listed:

Table 4.1.1.: Particulate Matter Control Device Removal Efficiencies

Particulate Sources	Control Device Description and ID No.	Removal Efficiency
Flaking and Screening Dust Control	Baghouse (4313-00-10)	99.9
Dry Dust Control System	Baghouse (4333-00-10)	99.9
Mat Trim System	Baghouse (4345-00-10)	99.9
Rough Trim System	Baghouse (4353-00-10)	99.9
T & G and Finish Saws System	Baghouse (4363-00-10)	99.9
Sander Dust System	Baghouse (4374-00-10)	99.9
Dry Waste Relay System	Baghouse (4397-00-10)	99.9
30 MMBTU/hr Energy Cell (3800-00-10) Idle Run	Multi-Clone (3820-00-10)	80.0
30 MMBTU/hr Energy Cell (3900-00-10) Idle Run	Multi-Clone (3920-00-10)	80.0
175 MMBTU/hr Energy Cell (3800-00-10)	WESP (4130-00-10)	80.0
175 MMBTU/hr Energy Cell (3900-00-10)	WESP (4130-00-10)	80.0

[45CSR13, R13-1761, 4.1.1]

4.1.2. Emissions to the air from the permitted facility shall not exceed the following:

Table 4.1.2.: Emission Limits[(1)]

Emission Point	Source	Control Device	Pollutant	Emission Limit	
				Hourly (pph)	Annual (tpy)
1	Flaking and Screening System	Fabric Filter (4313-00-10)	PM_{10} VOC	0.59 0.01	2.58 0.05
3	Dry Flake Area	Fabric Filter (4333-00-10)	PM_{10} VOC	0.48 0.82	2.11 3.57
4	Mat Trim System	Fabric Filter (4345-00-10)	PM_{10} VOC	0.55 0.82	2.41 3.59

Emission Point	Source	Control Device	Pollutant	Emission Limit	
				Hourly (pph)	Annual (tpy)
5	Rough Trim System	Fabric Filter (4353-00-10)	PM_{10} VOC	0.57 0.85	2.51 3.74
6	Tongue & Groove and Sawing System	Fabric Filter (4363-00-10)	PM_{10} VOC	0.62 0.92	2.70 4.02
7	Sander Dust System	Fabric Filter (4374-00-10)	PM_{10} VOC	0.40 0.39	1.77 1.72
9	Dry Waste System	Fabric Filter (4397-00-10)	PM_{10} VOC	0.86 1.27	3.74 5.58
10[(2)]	Energy Cell No. 1 (3800-00-10) (Idle-Run Mode Only) Auxiliary Burners (3816-00-11) (Idle-Run Mode Only)	Multi-Clone (3820-00-10)	PM_{10} SO_2 CO VOC NO_X Benzene Hydrochloric Acid Lead Compounds Methylene Chloride Naphthalene POM Total HAP	6.8 1.0 6.0 9.1 8.0 0.45 0.22 0.01 0.07 0.43 0.43 2.71	9.5 1.4 8.4 12.8 11.2 0.63 0.31 0.01 0.10 0.60 0.60 3.79
11[(2)]	Energy Cell No. 2 (3900-00-10) (Idle-Run Mode) Auxiliary Burners (3916-00-11) (Idle-Run Mode)	Multi-Clone (3920-00-10)			
21A[(3)]	Energy Cell No. 1 (3800-00-10) Energy Cell No. 2 (3900-00-10) Dryer No. 1 (3130-00-11) Dryer No. 2 (3230-00-11) Dryer No. 3 (3330-00-11) Dryer No. 4 (3430-00-11) OSB Press (4700-00-10) Auxiliary Burners (3816-00-11) Auxiliary Burners (3916-00-11)	WESP (4130-00-10)	$PM_{2.5}/PM_{10}/PM$ SO_2 CO VOC NO_X Acetaldehyde Acrolein Formaldehyde Lead Compounds Methanol Phenol Propionaldehyde Total HAP	34.68 12.26 40.66 59.09 88.23 2.40 0.93 4.55 0.01 10.49 0.00 1.00 26.21	N/A[(3)]

Emission Point	Source	Control Device	Pollutant	Emission Limit	
				Hourly (pph)	Annual (tpy)
23[4]	Energy Cell No. 1 (3800-00-10) Energy Cell No. 2 (3900-00-10) Dryer No. 1 (3130-00-11) Dryer No. 2 (3230-00-11) Dryer No. 3 (3330-00-11) Dryer No. 4 (3430-00-11) OSB Press (4700-00-10) Auxiliary Burners (3816-00-11) Auxiliary Burners (3916-00-11)	WESP (4130-00-10) Biofilter (4800-00-10)	$PM_{2.5}/PM_{10}/PM$ SO_2 CO VOC NO_X Acetaldehyde Acrolein Cumene Formaldehyde Lead Compounds Methanol Phenol Propionaldehyde Xylenes Total HAP	34.68 12.26 40.66 59.10 88.23 2.40 0.93 4.74 4.56 0.01 10.49 0.00 1.00 0.45 26.21	79.40 17.90 106.20 145.50 221.60 4.89 1.21 5.67 10.32 0.03 31.49 0.00 0.83 1.96 60.30
24	OSB Press (4700-00-10) (Bypass Mode)	N/A	PM_{10} CO VOC Acetaldehyde Chlorine Cumene Formaldehyde Methanol MDI Phenol Total HAP	2.55 9.21 36.90 1.99 1.17 12.27 6.15 15.92 0.03 0.52 38.15	0.34 2.11 5.62 0.23 0.06 0.78 1.06 3.49 0.01 0.04 5.69
27	Emergency diesel-fired generator	N/A	PM_{10} SO_2 CO VOC NO_X	0.44 3.10 4.20 0.50 18.20	0.03 0.16 0.21 0.03 0.92
31	Liquid Phenolic Resin Tank No. 1	N/A	VOC	---	0.01
32	Liquid Phenolic Resin Tank No. 2	N/A			
33	Liquid Phenolic Resin Tank No. 3	N/A			
34	Liquid Phenolic Resin Tank No. 4	N/A			
35	MDI Tank No. 1	N/A	VOC	---	---
36	MDI Tank No. 2	N/A			
37	Wax Tank No. 1	N/A	VOC	---	0.01
38	Wax Tank No. 2	N/A			

Emission Point	Source	Control Device	Pollutant	Emission Limit	
				Hourly (pph)	Annual (tpy)
40A	Paint Booth No. 1	Filters	PM_{10}[5] VOC[5]	0.39 0.91	1.71 3.99
42 & 43	Paint Booth No. 2	Filters			
44A	Paint Booth No. 3	Filters			
46	Liquid Phenolic Resin Tank No. 5	N/A	VOC	---	0.01
47	Liquid Phenolic Resin Tank No. 6	N/A			

(1) The VOC emissions from emission points 1-11 are based on estimations using industry averages and not testing data.
(2) These emission limits are applicable only when the Energy Cells are in "Idle Run Mode" as defined under 4.1.3. As these emissions are less than those generated during normal operation or RCDME, they do not contribute to the facility's PTE.
(3) These emission limits are applicable only when the mill is operating under the RCDME as outlined under 4.1.3. Emissions generated during the RCDME contribute toward the annual emission limits given under footnote (4) as applicable. Although the RCDME Emissions contribute toward the limits under Emission Point 23, they are actually vented through Emission Point 21A.
(4) The hourly emission limits are applicable when the Biofilter is being utilized during all times of "normal operation" and during times of "Energy Cell Only Mode" as defined under 4.1.3. The annual emission limits also include contributions made during RCDME events.
(5) Aggregate limits from all three paint booths.

Compliance with the hourly PM_{10} emission limits for emission points 3, 4, 5, 6, 7, 9, 21A, 23, 24, 40A, 42, 43, and 44A shall streamline compliance with the less stringent hourly particulate matter emission limits of 45CSR§7-4.1. Compliance with the hourly PM_{10} emission limit for emission points 10 and 11 shall streamline compliance with the less stringent 45CSR§2-4.1.b hourly particulate matter emission limit. Compliance with the hourly SO_2 emission limit for emission points 10 and 11 shall streamline compliance with the less stringent 45CSR§10-3.3.f hourly SO2 emission limit.

[45CSR13, R13-1761, 4.1.2, 4.1.13, 4.1.14, and 4.1.15; 45CSR§7-4.1; 45CSR§2-4.1.b; 45CSR§10-3.3.f]

4.1.3. For the purposes of this permit, the following operating scenarios are defined:

a. "Normal operation" shall be defined as those times when the Energy Cells are in operation, material is being dried in the dryers, gases are vented through the WESP and Biofilter, and emitted from Emission Point 23;

b. "Idle Run Mode" shall be defined as those times when the Energy Cells are operating, no material is being dried in the dryers, gases are vented through the operating Multi-clones, and emitted from Emission Points 10 and 11;

c. "Energy Cell Only Mode" shall be defined as those times when the Energy Cells are operating, no material is being dried in the dryers, gases are vented through the WESP only, and emitted from Emission Point 21A; and

d. "RCDME" shall be defined as those times when the Energy Cells are operating, material is being dried in the dryers, gases are vented through the WESP, and emitted from Emission Point 21A.

[45CSR13, R13-1761, 4.1.3]

4.1.4. Operation of the Energy Cells (ID No. 3800-00-10 and ID No. 3900-00-10) shall be in accordance with the following requirements:

a. The permitted facility shall burn only hogged wood as the primary fuel or natural gas as the backup fuel to fire the Energy Cells (ID No. 3800-00-10 and ID No. 3900-00-10). Alternative fuels may be used only after receiving prior written approval from the Director;

b. During Idle Run Mode, Energy Cells shall be limited to a combined total of 2,800 hours of operation on a consecutive 12-month period; and

c. During Idle Run Mode, the combined heat input rate to Energy Cells (ID No. 3800-00-10 and ID No. 3900-00-10) shall be limited to 40 MMBTU/hr. Additionally, the maximum heat input rate to each individual energy cell shall be less than 30 MMBTU/hr.

[45CSR13, R13-1761, 4.1.4]

4.1.5. The auxiliary natural gas burners, designated as 3816-00-11 and 3916-00-11, (associated with the Energy Cells), shall not exceed a maximum design heat input of 29 MMBTU/hr per unit.
[45CSR13, R13-1761, 4.1.5]

4.1.6. Pursuant to 40 CFR 63, Subpart DDDD, operation of the facility under the Routine Control Device Maintenance Exemption (RCDME) shall be according to the following requirements:

a. For each process unit, a maximum of 3% of its actual annual operating hours may be during periods when its controlling Biofilter is offline for routine maintenance. This exemption applies to each dryer (1-4) and the press.

b. As a minimization strategy, the facility shall to the greatest extent practically possible perform routine maintenance during periods when the press and dryers are already offline (not producing product) for maintenance or other reasons;

c. After startup of the Biofilter, operation of the facility under the RCDME shall only occur after a new RCDME request specific to the Biofilter (submitted pursuant to the requirements of Subpart DDDD) is approved in writing by the Director.

[45CSR13, R13-1761, 4.1.6, 45CSR34, 40 C.F.R.§63.2251]

4.1.7. The permitted facility shall route the press vent exhaust fumes into the Energy Cells and Dryers during normal operations. At times when the press is processing wood materials, the facility will be allowed to exhaust press vent fumes directly to the atmosphere through a press Bypass Stack (emission point 24) for a maximum of 500 hours per consecutive 12 month period. When the presses are not processing wood, the press vent fumes may be exhausted directly to the atmosphere through the press Bypass Stack for an unrestricted amount of time.
[45CSR13, R13-1761, 4.1.7]

4.1.8. The auxiliary natural gas fired burners (for Dryers No. 1 through No. 4), designated as 3130-00-11, 3230-00-11, 3330-00-11, and 3430-00-11, shall not exceed a maximum design heat input of 55 MMBTU/hr per unit.
[45CSR13, R13-1761, 4.1.8]

4.1.9. The permittee shall not exceed the following material or production limits (annual limits based on a rolling twelve (12) month period):

a. Phenol formaldehyde resin (liquid or powder) shall not exceed 31,697,525 pounds/yr measured on a solids basis;

b. Polymeric diphenylmethane diisocyanate (MDI) shall not exceed 15,457,049 pounds/yr;

c. Wax shall not exceed 14,155,990 pounds/yr; and

d. Production of OSB shall not exceed a maximum hourly rate of 94 MSF/hr or a maximum annual rate of 753,360 MSF/yr as adjusted to 3/8 inch OSB.

[45CSR13, R13-1761, 4.1.9]

4.1.10. The permittee shall operate and maintain filter systems for the purpose of controlling particulate matter released from Paint Booths No. 1, 2, and 3. The filter systems shall be designed, operated, and maintained to achieve a minimum control efficiency of 98.5%.
[45CSR13, R13-1761, 4.1.11]

4.1.11. All access roads used in conjunction with the operations permitted herein shall be paved.
[45CSR13, R13-1761, 4.1.12]

4.1.12. No person shall cause, suffer, allow or permit emission of smoke and/or particulate matter into the open air from any fuel burning unit which is greater than ten (10) percent opacity based on a six minute block average.
[45CSR13, R13-1761, 4.1.13; 45CSR§2-3.1, Emission Point IDs (10, 11)]

4.1.13. No person shall cause, suffer, allow or permit any source of fugitive particulate matter to operate that is not equipped with a fugitive particulate matter control system. This system shall be operated and maintained in such a manner as to minimize the emission of fugitive particulate matter. Sources of fugitive particulate matter associated with fuel burning units shall include, but not be limited to, the following:

a. Stockpiling of ash or fuel either in the open or in enclosures such as silos;

b. Transport of ash in vehicles or on conveying systems, to include spillage, tracking or blowing of particulate matter from or by such vehicles or equipment; and

c. Ash or fuel handling systems and ash disposal areas.

[45CSR13, R13-1761, 4.1.13; 45CSR§2-5.1, Emission Point IDs (10, 11)] Note: applies to submerged ash conveyer.

4.1.14. No person shall cause, suffer, allow or permit emission of smoke and/or particulate matter into the open air from any process source operation which is greater than twenty (20) percent opacity, except as noted in 4.1.15.
[45CSR13, R13-1761, 4.1.14; 45CSR§7-3.1, Emission Point IDs (1, 3, 4, 5, 6, 21A, 23, 24, 40A 42, 43, 44A]

4.1.15. The provisions of 4.1.14 shall not apply to smoke and/or particulate matter emitted from any process source operation which is less than forty (40) percent opacity for any period or periods aggregating no more than five (5) minutes in any sixty (60) minute period.
[45CSR13, R13-1761, 4.1.14; 45CSR§7-3.2, Emission Point IDs (1, 3, 4, 5, 6, 21A, 23, 24, 40A, 42, 43, 44A)]

4.1.16. No person shall cause, suffer, allow or permit visible emissions from any storage structure(s) associated with any manufacturing process(es) that pursuant to 4.1.21 is required to have a full enclosure and be equipped with a particulate matter control device.
[45CSR13, R13-1761, 4.1.14; 45CSR§7-3.7, Emission Point IDs (7, 9)]

4.1.17. No person shall cause, suffer, allow or permit particulate matter to be vented into the open air from any type source operation or duplicate source operation, or from all air pollution control equipment installed on any type source operation or duplicate source operation in excess of the quantity specified under the appropriate source operation type in Table 45-7A of 45CSR7.

Emission Point	45CSR7 Hourly Particulate Emission Limit (pph)
1 (flaking and screening system)	0.12

Compliance with this 45CSR7 requirement streamlines compliance with the 45CSR13 permit requirement related to emission point #1 in permit condition 4.1.2.
[45CSR13, R13-1761, 4.1.14; 45CSR§7-4.1.]

4.1.18. Mineral acids shall not be released from any type source operation or duplicate source operation or from all air pollution control equipment installed on any type source operation or duplicate source operation in excess of the quantity given in Table 45-7B of 45CSR7.

Hydrochloric acid mist and/or vapor for source operations installed after July 1, 1970: 210 mg/m^3

[45CSR13, R13-1761, 4.1.14; 45CSR§7-4.2 and Table 45-7B, Emission Point IDs (21A and 23)]

4.1.19. No person shall circumvent the provisions of 45CSR7 by adding additional gas to any exhaust or group of exhausts for the purpose of reducing the stack gas concentration.
[45CSR13, R13-1761, 4.1.14; 45CSR§7-4.3]

4.1.20. Any stack serving any process source operation or air pollution control equipment on any process source operation shall contain flow straightening devices or a vertical run of sufficient length to establish flow patterns consistent with acceptable stack sampling procedures.
[45CSR13, R13-1761, 4.1.14; 45CSR§7-4.12]

4.1.21. No person shall cause, suffer, allow or permit any manufacturing process or storage structure generating fugitive particulate matter to operate that is not equipped with a system, which may include, but not be

limited to, process equipment design, control equipment design or operation and maintenance procedures, to minimize the emissions of fugitive particulate matter. To minimize means such system shall be installed, maintained and operated to ensure the lowest fugitive particulate matter emissions reasonable achievable.
[45CSR13, R13-1761, 4.1.14; 45CSR§7-5.1]

4.1.22. The owner or operator of a plant shall maintain particulate matter control of the plant premises, and plant owned, leased or controlled by paving, application of asphalt, chemical dust suppressants or other suitable dust control measures. Good operating practices shall be implemented and when necessary particulate matter suppressants shall be applied in relation to stockpiling and general material handling to minimize particulate matter generation and atmospheric entrainment.
[45CSR13, R13-1761, 4.1.14; 45CSR§7-5.2]

4.1.23. Due to unavoidable malfunction of equipment, emissions exceeding those set forth in 45CSR7 may be permitted by the Director for periods not to exceed ten (10) days upon specific application to the Director. Such application shall be made within twenty-four (24) hours of the malfunction. In cases of major equipment failure, additional time periods may be granted by the Director provided a corrective program has been submitted by the owner or operator and approved by the Director.
[45CSR13, R13-1761, 4.1.14; 45CSR§7-9.1]

4.1.24. No person shall cause, suffer, allow or permit the emission into the open air from any source operation an in-stack sulfur dioxide concentration exceeding 2,000 parts per million by volume from existing source operations.
[45CSR13, R13-1761, 4.1.15; 45CSR§10-4.1, Emission Point ID (21A and 23)]

4.1.25. The owner or operator of a plant that discharges or may discharge a toxic air pollutant into the open air in excess of the amount shown in Table A of 45CSR27 shall employ BAT at all chemical processing units emitting the toxic air pollutant: Provided, that any source or equipment specially subject to a federal regulation or standard shall not be required to comply with provisions more stringent than such regulation or standard.
[45CSR13, R13-1761, 4.1.16; 45CSR§27-3.1, Emission Point IDs (10, 11, 21A, 23, 24)]

4.1.26. **Additional Biofilter Requirements**
The permittee shall operate the Biofilter in accordance with the following additional requirements:

a. The permittee shall clean and inspect the biofilter fan quarterly. Inspection shall include non-destructive testing to measure metal thickness of the fan components. The first such preventive maintenance inspection shall be conducted no later than April 19, 2021;

b. No later than May 19, 2021, the permittee shall place an order for a spare biofilter fan made from a corrosion resistant stainless-steel alloy. The spare fan-wheel shall be stored at the facility and be readily available for installation and operation;

c. In the event of an operating fan failure, the spare fan-wheel shall be installed as soon as practicable;

d. The permittee shall keep and maintain a spare fan wheel at the facility at all times unless the previous spare has recently been placed into operation;

e. No later than thirty (30) days after a spare fan wheel for the fan has been placed into operation and no other spare fan-wheel is available on-site, the permittee shall do one of the following:

i. Order a new or refurbished fan wheel that can be placed into primary service or maintained at the site as the spare fan wheel; or

ii. Initiate repair of the fan-wheel that was taken out of service. Once repaired, it may be returned to primary service or maintained at the site as the spare.

f. Unless requested and granted an extension by the DAQ, the Facility shall not operate more than twelve (12) months after placing a new or spare fan wheel into operation without a spare present at the facility; and

g. The permittee shall submit to the DAQ with each of its Semi-Annual Plywood MACT Self-Monitoring Reports a report on the fan PM events that have been performed since submission of the previous Semi-Annual Plywood MACT Self-Monitoring Report. The fan PM event report shall include, at a minimum, the following:

i. The date for each fan PM event that occurred, discussion of findings and any performed or anticipated maintenance or repairs, and

ii. A copy of each fan PM form filled out during each Fan PM event.

[45CSR13, R13-1761, 4.1.10]

4.1.27. The permittee shall abide by the work practice standards associated with Group 1 miscellaneous coating operations by using non-HAP coatings as defined in 40 C.F.R. §63.2292.
[45CSR34; 40 C.F.R. §63.2241 and 40 C.F.R. 63, Subpart DDDD, Table 3]

4.1.28. **Operation and Maintenance of Air Pollution Control Equipment.** The permittee shall, to the extent practicable, install, maintain, and operate all pollution control equipment listed in Section 1.1 and associated monitoring equipment in a manner consistent with safety and good air pollution control practices for minimizing emissions, or comply with any more stringent limits set forth in this permit or as set forth by any State rule, Federal regulation, or alternative control plan approved by the Secretary.
[45CSR13, R13-1761, 4.1.20; 45CSR§13-5.10]

4.1.29. **40 CFR 63, Subpart DDDD Add-on Control Systems Compliance Options (Biofilter)**
Except for periods when the mill is operating under the RCDME, the permittee shall, while using the Biofilter limit emissions of total HAP, measured as THC (as carbon)[a], to 20 ppmvd.

[a] You may choose to subtract methane from THC as carbon measurements.
[45CSR13, R13-1761, 4.1.17; 45CSR34; 40 C.F.R. §63.2240(b) and Table 1B of 40 CFR 63, Subpart DDDD]

4.1.30. **40 CFR 63, Subpart DDDD Operating Requirements (Biofilters)**

The permittee shall meet the following Biofilter operating requirements:

a. Maintain the 24-hour block Biofilter bed temperature within the range established according to §63.2262(m); or

b. Maintain the 24-hour block average THC concentration in the Biofilter exhaust below the maximum concentration established during the performance test.

[45CSR13, R13-1761, 4.1.18; 45CSR34; 40 C.F.R. §63.2240(b) and Table 2 of 40 CFR 63, Subpart DDDD]

4.2. Monitoring Requirements

4.2.1. For the purpose of determining compliance with the operating limits set forth in Section 4.1.4.b, of this permit, the permittee shall monitor and record the monthly and rolling twelve month total number of hours the Energy Cells (ID No. 3800-00-10 and ID No. 3900-00-10) operate in the idle run mode.
[45CSR13, R13-1761, 4.2.1]

4.2.2. For the purpose of determining compliance with the operating limits set forth in Section 4.1.7 of this permit, the permittee shall monitor and record the monthly and rolling twelve month total number of hours the press vent fumes are being exhausted directly to the atmosphere through the press Bypass Stack (Emission Point 24).
[45CSR13, R13-1761, 4.2.2]

4.2.3. For the purpose of determining compliance with the throughput limits set forth in Section 4.1.9.a through 4.1.9.c of this permit, the permittee shall monitor and record the monthly and twelve month rolling total throughput of phenol formaldehyde resin (liquid or powder) as measured on a solids basis, polymeric diphenylmethane diisocyanate (MDI), and wax.
[45CSR13, R13-1761, 4.2.3]

4.2.4. For the purpose of determining compliance with the production limit set forth in Section 4.1.9.d of this permit, the permittee shall monitor and record the monthly and rolling twelve month total of OSB (as adjusted to 3/8 inch) produced at the facility. Compliance with the hourly production limit shall be based on the average hourly production rate as calculated for each month.
[45CSR13, R13-1761, 4.2.4]

4.2.5. For the purpose of determining compliance with the aggregate paint booths VOC limit set forth in Table 4.1.2. of this permit, the permittee shall calculate and record the monthly and rolling twelve month total of VOCs emitted from the paint booths (40S through 45S). The VOC emissions shall be calculated as the total amount, by weight, of the VOCs contained within the coatings used. No HAP containing coatings are permitted to be used in the paint booths.
[45CSR13, R13-1761, 4.2.5]

4.2.6. The permittee shall meet all applicable Biofilter monitoring requirements pursuant to 40 C.F.R. 63, Subpart DDDD. This shall include Biofilter bed temperature monitoring or Biofilter outlet THC monitoring, determined as the 24-hour block average of all recorded readings, calculated after every 24 hours of operation as the average of the evenly spaced recorded readings in the previous 24 operating hours. For the purpose of calculating data averages, you must not use data recorded during the events listed within 40 CFR §63.2270(b) and (c). Some of these events include malfunctions, associated repairs, out-of-control periods, required quality assurance or control activities, data recorded during periods of startup, shutdown, and malfunction; or data recorded during periods of control device downtime covered in any approved routine control device maintenance exemption.

Additionally, in accordance with 40 CFR §63.2270(f), to calculate the data averages for each 3-hour or 24-hour averaging period, you must have at least 75 percent of the required recorded readings for that period using only readings that are based on valid data

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[45CSR13, R13-1761, 4.2.6., 45CSR34, 40C.F.R.§63.2270]

4.2.7. To demonstrate compliance with the 45CSR§2-3.1 opacity limits specified in 4.1.12 for emissions points 10 and 11, the permittee shall conduct semimonthly (every two weeks) visible emission checks. These checks shall be conducted during periods of facility operation for a sufficient time interval (but no less than 1 minute) to determine if the unit has visible emissions using the procedures outlined in 40 C.F.R. 60, Appendix A, Method 22. If sources of visible emissions are identified during the checks, or at any other time, the permittee shall conduct a 40 C.F.R. 60, Appendix A, Method 9 evaluation within twenty-four (24) hours. A Method 9 evaluation shall not be required if the visible emission condition is corrected in a timely manner and the units are operated at normal operating conditions.

The semimonthly visible emission checks shall determine the presence or absence of visible emissions. At a minimum, the observer must be trained and knowledgeable regarding the effects of background contrast, ambient lighting, observer position relative to lighting, wind, and the presence of uncombined water (condensing water vapor) on the visibility of emissions. This training may be obtained from written materials found in the References 1 and 2 from 40 C.F.R. 60, Appendix A, Method 22 or from the lecture portion of the 40 C.F.R. 60, Appendix A, Method 9 certification course.
[45CSR§30-5.1.c, Emission Point IDs (10, 11)]

4.2.8. To demonstrate compliance with the 45CSR§§7-3.1, 3.2, and 3.7 opacity limits specified in 4.1.14, 4.1.15, and 4.1.16 for emissions points 1, 3, 4, 5, 6, 7, 9, 21A, 23, 24, 40A, 42, 43, and 44A, the permittee shall conduct semimonthly (every two weeks) visible emission checks. These checks shall be conducted during periods of facility operation for a sufficient time interval (no less than 1 minute) to determine if the unit has visible emissions using the procedures outlined in 40 C.F.R. 60, Appendix A, Method 22. If sources of visible emissions are identified during the checks, or at any other time, the permittee shall conduct a 45CSR7A evaluation within twenty-four (24) hours. A 45CSR7A evaluation shall not be required if the visible emission condition is corrected in a timely manner and the units are operated at normal operating conditions.

The semimonthly visible emission checks shall determine the presence or absence of visible emissions. At a minimum, the observer must be trained and knowledgeable regarding the effects of background contrast, ambient lighting, observer position relative to lighting, wind, and the presence of uncombined water (condensing water vapor) on the visibility of emissions. This training may be obtained from written materials found in the References 1 and 2 from 40 C.F.R. 60, Appendix A, Method 22 or from the lecture portion of the 40 C.F.R. 60, Appendix A, Method 9 certification course.
[45CSR§30-5.1.c, Emission Point IDs (1, 3, 4, 5, 6, 7, 9, 21A, 23, 24, 40A, 42, 43, 44A)]

4.2.9. For WESP (4130-00-10), and the Dry Waste System Baghouse (4397-00-10), the permittee shall conduct visual inspections of the ductwork and the control devices. These visual inspections shall be conducted by personnel trained annually on the proper methods to complete these inspections and a copy of the current training manual shall be maintained on site and available for review by the Director or his duly authorized representative upon request. External inspections of the ductwork and control devices shall be conducted monthly and internal inspections shall be conducted every 12 months. Any leaks or structural deficiencies discovered during these inspections, or at any other time, are indicators that the equipment is not in proper

working order. Leaks or structural deficiencies shall be repaired as soon as practicable, but no later than one week within the date of discovery, unless granted an extension by the Director.
[45CSR§30-5.1.c; 40 C.F.R. §§64.6(c), 64.7(c), and 64.7(d)]

4.2.10. The permittee shall continuously monitor the voltage of WESP (4130-00-10). The voltage on the WESP shall be measured with a voltmeter having a minimum accuracy of ± 1 kV. At least semi-annually, each voltmeter shall be calibrated to confirm that it has a reading of zero when the WESP is not operating. During normal operation, the WESP shall have at least 2 fields in service and the voltage shall be maintained at or above 30 kV. If the voltage falls below 30 kV for 30 seconds, an alarm will sound and corrective action shall be taken to return the voltage to a value at or above 30 kV.
[45CSR§30-5.1.c; 40 C.F.R. §§64.6(c), 64.7(c), and 64.7(d)]

4.2.11. The permittee shall monitor the pressure drop across the Dry Waste System Baghouse (4397-00-10) on a daily basis. The pressure drop shall be measured using a differential pressure gauge with a minimum accuracy of ±0.25 inches of H_2O. Pressure taps shall be located at the inlet and outlet to the baghouse. At least annually, the pressure gauge and the reader shall be calibrated according to manufacturer's recommendations. When the pressure drop is greater than 5 inches of H_2O or less than 0.2 inches of H_2O, the permittee shall conduct an inspection of the baghouse and corrective action shall be taken to return the pressure drop to an operating range of less than 5 inches and greater than 0.2 inches of H_2O.
[45CSR§30-5.1.c; 40 C.F.R. §§64.6(c), 64.7(c), and 64.7(d)]

4.3. Testing Requirements

4.3.1. Within 180 days after initial startup of the WESP (4130-00-10), the permittee shall conduct, or have conducted, in accordance with a protocol submitted pursuant to 3.3.1(c), performance tests on the WESP to determine compliance with the hourly particulate matter limit (during normal operation) given for Emission Point 23 under Table 4.1.2.
[45CSR13, R13-1761, 4.3.1]

4.3.2. The permittee shall meet all applicable Biofilter testing requirements pursuant to 40 C.F.R. 63, Subpart DDDD. This shall include the repeat Biofilter performance testing as specified in 40 C.F.R. 63 Subpart DDDD Table 7 Row (3) as well as any additional confirmatory testing determined necessary by the Director.
[45CSR13, R13-1761, 4.3.2., 45CSR34, 40 C.F.R. §63.2271(a), 40 C.F.R. 63, subpart DDDD, Table 7 row (3)]

4.3.3. At such reasonable times as the Director may designate, the owner or operator of any fuel burning unit(s) may be required to conduct or have conducted tests to determine the compliance of such unit(s) with the emission limitations of 45CSR§2-4. Such tests shall be conducted in accordance with the appropriate method set forth in the Appendix to 45CSR2 or other equivalent EPA approved method approved by the Director. The Director or his duly authorized representative, may at his option witness or conduct such tests. Should the Director exercise his option to conduct such tests, the operator will provide all necessary sampling connections and sampling ports located in such manner as the Director may require, power for test equipment, and the required safety equipment such as scaffolding, railings and ladders to comply with generally accepted good safety practices. Sufficient information on temperatures, velocities, pressures, weights and dimensional values shall be reported to the Director, with such necessary commentary as he may require to allow an accurate evaluation of the reported test results and the conditions under which they were obtained.
[45CSR13, R13-1761, 4.1.13; 45CSR§§2-8.1.b and 8.1.b.1]

4.3.4. At such reasonable times as the Director may designate, the operator of any manufacturing process source operation may be required to conduct or have conducted stack tests to determine the particulate matter loading in exhaust gases. Such tests shall be conducted in such manner as the Director may specify and be filed on forms and in a manner acceptable to the Director. The Director, or his duly authorized representative, may at his option witness or conduct such stack tests. Should the Director exercise his option to conduct such tests, the operator will provide all the necessary sampling connections and sampling ports to be located in such manner as the Director may require, power for test equipment and the required safety equipment such as scaffolding, railings and ladders to comply with generally accepted good safety practices.
[45CSR13, R13-1761, 4.1.14; 45CSR§7-8.1]

4.3.5. The Director, or his duly authorized representative, may conduct such other tests as he or she may deem necessary to evaluate air pollution emissions.
[45CSR13, R13-1761, 4.1.14; 45CSR§7-8.2]

4.4. Recordkeeping Requirements

4.4.1. **Record of Maintenance of Air Pollution Control Equipment.** For all pollution control equipment listed in Section 1.1, the permittee shall maintain accurate records of all required pollution control equipment **inspection and/or preventative maintenance procedures.**
[45CSR13, R13-1761, 4.4.2]

4.4.2. **Record of Malfunctions of Air Pollution Control Equipment.** For all air pollution control equipment listed in Section 1.1, the permittee shall maintain records of the occurrence and duration of any malfunction or operational shutdown of the air pollution control equipment during which excess emissions occur. For each such case, the following information shall be recorded:

a. The equipment involved.

b. Steps taken to minimize emissions during the event.

c. The duration of the event.

d. The estimated increase in emissions during the event.

For each such case associated with an equipment malfunction, the additional information shall also be recorded:

e. The cause of the malfunction.

f. Steps taken to correct the malfunction.

g. Any changes or modifications to equipment or procedures that would help prevent future recurrences of the malfunction.

[45CSR13, R13-1761, 4.4.3]

4.4.3. The owner or operator of each affected facility shall record and maintain records of the amounts of each fuel combusted during each day. The permittee shall also maintain records of the date and time of start-up and shutdown; and a quarterly ash and BTU analysis of the wood combusted.
The 40 C.F.R. §60.48c(g) requirement to maintain records of the quantity of each fuel combusted on a daily basis was streamlined with the less stringent 45CSR§2A-7.1.a.1 requirement to maintain records of the quantity of natural gas consumed on a monthly basis.

[45CSR13, R13-1761, 4.4.5 and 4.1.13; 40 C.F.R. §60.48c(g); 45CSR16; 45CSR§2-8.3.c; 45CSR§§2A-7.1.a.1, 7.1.a.3 and 7.1.a.6, Emission Point IDs (10 and 11)]

4.4.4. The permittee shall meet all applicable record-keeping requirements pursuant to 40 C.F.R. 63, Subpart DDDD. These records shall include the following:

a. A copy of each notification and report that you submitted to comply with this 40 C.F.R. 63, Subpart DDDD, including all documentation supporting any Initial Notification or Notification of Compliance Status that you submitted, according to the requirements in 40 C.F.R.§ 63.10(b)(2)(xiv).

b. The records related to startup and shutdown, failures to meet the standard, and actions taken to minimize emissions, specified in paragraphs (i) through (iv).

i. Record the date, time, and duration of each startup and/or shutdown period, including the periods when the affected source was subject to the standard applicable to startup and shutdown.

ii. In the event that an affected unit fails to meet an applicable standard, record the number of failures; for each failure, record the date, time, cause and duration of each failure.

iii. For each failure to meet an applicable standard, record and retain a list of the affected sources or equipment, and the following information:

A. For any failure to meet a compliance option in 40 C.F.R §63.2240, including the compliance options in Table 1A or 1B to 40 C.F.R. 63, Subpart DDDD or the emissions averaging compliance option, record an estimate of the quantity of each regulated pollutant emitted over any emission limit and a description of the method used to estimate the emissions.

B. For each failure to meet an operating requirement in Table 2 to 40 C.F.R. 63, Subpart DDDD or work practice requirement in Table 3 to 40 C.F.R. 63, Subpart DDDD, maintain sufficient information to estimate the quantity of each regulated pollutant emitted over the emission limit. This information must be sufficient to provide a reliable emissions estimate if requested by the Administrator.

iv. Record actions taken to minimize emissions in accordance with 40 C.F.R §63.2250(g), and any corrective actions taken to return the affected unit to its normal or usual manner of operation.

c. Documentation of your approved routine control device maintenance exemption (RCDME), if you request such an exemption under 40 C.F.R. §63.2251.

d. Records of performance tests and performance evaluations as required in 40 C.F.R. §63.10(b)(2)(viii).

e. You must keep the records required in Tables 7 and 8 to 40 C.F.R. 63, Subpart DDDD to show continuous compliance with each compliance option, operating requirement, and work practice requirement that applies to you.

i. Maintain records of all Group 1 coatings to assure the use of non-HAP coatings.

[45CSR13, R13-1761, 4.4.6, 45CSR34, 40 C.F.R. §63.2282, 40 C.F.R. 63, Subpart DDDD, Tables 7 and 8.]

4.4.5. The permittee shall maintain records of all monitoring data required by Sections 4.2.7 and 4.2.8 documenting the date and time of each visible emission check, the emission point or equipment identification number, the name or means of identification of the responsible observer, the results of the check, and, if necessary, all corrective actions taken. Should a visible emission observation be required to be performed per the requirements specified in 40 C.F.R. 60, Appendix A, Method 9 or 45CSR7A, the data records of each observation shall be maintained per the requirements of 40 C.F.R. 60, Appendix A, Method 9 or 45CSR7A. For an emission unit out of service during the normal monthly evaluation, the record of observation may note "out of service" (OOS) or equivalent.
[45CSR§30-5.1.c]

4.4.6. The permittee shall monitor all fugitive particulate emission sources as required by 4.1.13 and 4.1.21 to ensure that a system to minimize fugitive emissions has been installed or implemented. Records shall be maintained stating the types of fugitive particulate capture and/or suppression systems used, the times these systems were inoperable, and the corrective actions taken to repair these systems.
[45CSR§30-5.1.c]

4.4.7. The permittee shall maintain records indicating the use of any dust suppressants or any other suitable dust control measures as required by 4.1.22 applied at the facility.
[45CSR§30-5.1.c]

4.4.8. The permittee shall maintain records of all monitoring data required by Section 4.2.9 documenting the date and time of each visual inspection, the emission point or equipment identification number, the name or means of identification of the responsible observer, the results of the inspection, and if necessary, all corrective actions taken. For any maintenance conducted on the control devices, records shall be maintained in accordance with 4.4.1.
[45CSR§30-5.1.c; 40 C.F.R. §64.9(b)]

4.4.9. The voltage measured across WESP (4130-00-10) shall be recorded as a 6-minute block average and records shall be maintained in accordance with 3.4.1. In addition to records of voltage, the permittee shall document and maintain records of all periods during normal operation (non-SSM) when the voltage is less than 30 kV for more than 30 seconds and any corrective actions taken during these periods. Maintenance and malfunction records for the WESP shall be maintained in accordance with 4.4.1 and 4.4.2.
[45CSR§30-5.1.c; 40 C.F.R. §64.9(b)]

4.4.10. The pressure drop across the Dry Waste System Baghouse (4397-00-10) shall be recorded daily. For any excursions when the pressure drop is greater than 5 inches of H_2O or less than 0.2 inches of H_2O, the permittee shall maintain records of the date and length of time of the occurrence and of the corrective actions taken. Maintenance and malfunction records for the Dry Waste System Baghouse shall be maintained in accordance with 4.4.1 and 4.4.2.
[45CSR§30-5.1.c; 40 C.F.R. §64.9(b)]

4.4.11. For Compliance Assurance Monitoring (CAM), the owner or operator shall comply with the recordkeeping requirements of permit conditions 3.4.1 and 3.4.2. The owner or operator shall maintain records of monitoring data, monitor performance data, corrective actions taken, any written quality improvement plan required pursuant to 40 C.F.R. §64.8 and any activities undertaken to implement a quality improvement plan, and other supporting information required to be maintained under 40 C.F.R. 64 (such as data used to document the adequacy of monitoring, or records of monitoring, maintenance, or corrective actions). *(WESP {4130-00-10} and Dry Waste System Baghouse {4397-00-10})*
[45CSR§30-5.1.c; 40 C.F.R. §64.9(b)]

4.4.12. For the purpose of determining compliance with 4.1.6.a., the permittee shall keep a daily record of any start-up, any shut-down, total hours operated and hours operated while the unit's controlling Biofilter is offline for routine control device maintenance. And, as regards the Biofilter, the permittee shall keep daily records of any start-up, any shut-down, total hours operated and total hours off-line for routine maintenance.
[45CSR13, R13-1761, 4.4.4]

4.5. Reporting Requirements

4.5.1. For CAM, monitoring reports shall be submitted to the Director and at a minimum shall include and be in accordance with information in permit conditions 3.5.6 and 3.5.8, as applicable. Also, at a minimum, the following information, as applicable, shall be included:

a. Summary information on the number, duration and cause (including unknown cause, if applicable) of excursions or exceedances, as applicable, and the corrective actions taken;

b. Summary information on the number, duration and cause (including unknown cause, if applicable) for monitor downtime incidents (other than downtime associated with zero and span or other daily calibration checks, if applicable); and

c. A description of the actions taken to implement a QIP during the reporting period as specified in 40 C.F.R. §64.8. Upon completion of a QIP, the owner or operator shall include in the next summary report documentation that the implementation of the plan has been completed and reduced the likelihood of similar levels of excursions or exceedances occurring.

(WESP {4130-00-10} and Dry Waste System Baghouse {4397-00-10}) **[45CSR§30-5.1.c; 40 C.F.R. §64.9(a)]**

4.5.2. The permittee shall meet all applicable reporting requirements pursuant to 40 C.F.R. 63, Subpart DDDD, Table 9 and Table 10. This includes semiannual compliance reports, which contain the information described within 40 CFR §63.2281(c)-(f). The semiannual reports may coincide with title V semiannual reporting in accordance with 40 CFR §63.2281(b)(5) and (g) where applicable.
[45CSR13, R13-1761, 4.5.1., 45CSR34, 40 C.F.R.§§63.2281(a) and (b)]

4.6. Compliance Plan

4.6.1. None.

5.0. 40 C.F.R. 63, Subpart ZZZZ, RICE Requirements [Emission Point ID (27)]

5.1. Limitations and Standards

5.1.1. If you own or operate an emergency stationary RICE located at a major source of HAPs, you must operate the emergency stationary RICE according to the requirements in paragraphs 5.1.1.a through 5.1.1.c of this section. In order for the engine to be considered an emergency stationary RICE under this subpart, any operation other than emergency operation, maintenance and testing, and operation in non-emergency situations for 50 hours per year, as described in paragraphs 5.1.1.a through 5.1.1.c, is prohibited. If you do not operate the engine according to the requirements in paragraphs 5.1.1.a through 5.1.1.c, the engine will not be considered an emergency engine under this subpart and must meet all requirements for non-emergency engines.

a. There is no time limit on the use of emergency stationary RICE in emergency situations.

b. You may operate your emergency stationary RICE for the purpose specified in paragraph 5.1.1.b.i of this section for a maximum of 100 hours per calendar year. Any operation for non-emergency situations as allowed by paragraphs 5.1.1.c of this section counts as part of the 100 hours per calendar year allowed by this paragraph 5.1.1.b.

i. Emergency stationary RICE may be operated for maintenance checks and readiness testing, provided that the tests are recommended by federal, state or local government, the manufacturer, the vendor, the regional transmission organization or equivalent balancing authority and transmission operator, or the insurance company associated with the engine. The owner or operator may petition the Administrator for approval of additional hours to be used for maintenance checks and readiness testing, but a petition is not required if the owner or operator maintains records indicating that federal, state, or local standards require maintenance and testing of emergency RICE beyond 100 hours per calendar year.

c. Emergency stationary RICE located at major sources of HAP may be operated for up to 50 hours per calendar year in non-emergency situations. The 50 hours of operation in non-emergency situations are counted as part of the 100 hours per calendar year for maintenance and testing provided in paragraph 5.1.1.b of this section. The 50 hours per year for non-emergency situations cannot be used for peak shaving or non-emergency demand response, or to generate income for a facility to supply power to an electric grid or otherwise supply power as part of a financial arrangement with another entity.

[45CSR34, 40 C.F.R.§63.6640(f)(1-3), Emission Point ID (27)]

5.2. Monitoring Requirements

5.2.1. None.

5.3. Testing Requirements

5.3.1. None.

5.4. Recordkeeping Requirements

5.4.1. None.

5.5. Reporting Requirements

5.5.1. None.

5.6. Compliance Plan

5.6.1. None.