



State of Mississippi

AIR POLLUTION CONTROL PERMIT



Permit To Construct Air Emissions Equipment

THIS CERTIFIES

Georgia Pacific Wood Products LLC, Bay Springs Facility
71 Georgia Pacific Road
Bay Springs, MS
Jasper County

has been granted permission to construct air emissions equipment to comply with the emission limitations, monitoring requirements and other conditions set forth herein. This permit is issued in accordance with the provisions of the Mississippi Air and Water Pollution Control Law (Section 49-17-1 et. seq., Mississippi Code of 1972), and the regulations and standards adopted and promulgated thereunder.

Mississippi Environmental Quality Permit Board

Mississippi Department of Environmental Quality

Issued/Modified: JUN 25 2010

Expires:

Permit No. 1300-00019

Agency Interest # 838

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Permit To Construct Air Emissions Equipment

Georgia Pacific Wood Products LLC, Bay Springs Facility

Subject Item Inventory

Permit Number:1300-00019

Activity ID No.: PER20100001

Subject Item Inventory:

ID	Designation	Description
AI838	838	Sawmill/ Planer Mill
EQPT1	AA-001	73 MMBTU/hr Woodwaste/Natural Gas/Used Oil/Oil Absorbent Material Boiler equipped with a Multiclone Flyash Arrestor and an Electrostatic Precipitator
EQPT2	AA-003	59.4 MMBTU/hr Woodwaste/Natural Gas Boiler equipped with a Multiclone Flyash Arrestor and an Electrostatic Precipitator
EQPT4	AB-002	No. 1 Dry Kiln
EQPT5	AB-003	No. 2 Dry Kiln (to be removed from operation)
EQPT6	AB-004	No. 3 Continuous Dry Kiln
EQPT7	AB-005	Planer Mill equipped with cyclone

Subject Item Groups:

ID	Description	Components
GRPT1	Steam Lumber Kilns Nos. 1 and 3 (Kiln No. 2 will be combined with No.3)	EQPT6 No. 3 Continuous Dry Kiln
		EQPT4 No. 1 Dry Kiln

KEY

ACT = Activity

AREA = Area

CONT = Control Device

IA = Insignificant Activity

RPNT = Release Point

AI = Agency Interest

CAFO = Concentrated Animal Feeding Operation

EQPT = Equipment

MAFO = Animal Feeding Operation

TRMT = Treatment

*** Official MDEQ Permit - Version 1.1 ***

Permit To Construct Air Emissions Equipment

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KEY

TRMT = Treatment

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AI0000000838 (838) Sawmill/ Planer Mill:

Monitoring Requirements:

Condition No.	Parameter	Condition
M-1		The permittee shall monitor the emissions of any regulated NSR pollutant that could increase as a result of the continuous kiln construction project and calculate and maintain a record of the annual emissions, in tons/yr on a calendar year basis, for a period of ten (10) years following resumption of regular operations after the change. [Other]

Submittal/Action Requirements:

Condition No.	Condition
S-1	General Condition: The permittee shall submit certification of construction: Due within thirty (30) days of completion of construction or installation of an approved stationary source or prior to startup, whichever is earlier. The notification shall certify that construction or installation was performed in accordance with the approved plans and specifications. In the event there is any change in construction from the previously approved plans and specifications or permit, the permittee shall promptly notify MDEQ in writing. If MDEQ determines the changes are substantial, MDEQ may require the submission of a new application to construct with "as built" plans and specifications. Notwithstanding any provision herein to the contrary, the acceptance of an "as built" application shall not constitute a waiver of the right to seek compliance penalties pursuant to State Law. [APC-S-2 V.D]
S-2	Within fifteen (15) days of beginning actual construction, the permittee must notify DEQ in writing that construction has begun. [APC-S-2 V.C(2)]
S-3	The permittee must notify DEQ in writing when construction does not begin within eighteen (18) months of issuance or if construction is suspended for eighteen (18) months or more. [APC-S-2 V.C(3)]

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AI0000000838 (continued):

Submittal/Action Requirements:

Condition No.	Condition
S-4	<p>The permittee shall submit a report to the MDEQ if the annual emissions, in tons per year, from the projects covered by this permit, exceed the baseline actual emissions (as documented in the project application), by a significant amount for any regulated NSR pollutant, and if such emissions differ from the preconstruction projection as documented in the associated permit application. Such report shall be submitted to the DEQ within 60 days after the end of such year.</p> <p>The report shall contain the following:</p> <ul style="list-style-type: none">(a) The name, address, and telephone number of the major stationary source;(b) The annual emissions as calculated pursuant to §52.21(r)(6)(iii); and(c) Any other information that the owner or operator wishes to include in the report (e.g., an explanation as to why the emissions differ from the preconstruction projection). [Other]

Narrative Requirements:

General Condition:

Condition No.	Condition
T-1	General Condition: The stationary source shall be designed and constructed so as to operate without causing a violation of any Applicable Rules and Regulations or this permit, without interfering with the attainment and maintenance of State and National Ambient Air Quality Standards, and such that the emission of air toxics does not result in an ambient concentration sufficient to adversely affect human health and well-being or unreasonably and adversely affect plant or animal life beyond the stationary source boundaries. [APC-S-2 V.A]
T-2	General Condition: Any activities not identified in the application are not authorized by this permit. [Miss. Code Ann. 49_17_29 1.b]
T-3	General Condition: The necessary facilities shall be constructed so that solids removed in the course of control of air emissions may be disposed of in a manner such as to prevent the solids from becoming windborne and to prevent the materials from entering State waters without the proper environmental permits. [Miss. Code Ann. 49_17_29]
T-4	General Condition: The air pollution control facilities shall be constructed such that diversion from or bypass of collection and control facilities is not needed except as provided for in Regulation APC-S-1, "Air Emission Regulations for the Prevention, Abatement, and Control of Air Contaminants", Section 10. [APC-S-1 10]

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AI0000000838 (continued):

Narrative Requirements:

General Condition:

Condition No.	Condition
T-5	General Condition: The permittee shall allow the Mississippi Environmental Quality Commission, the Mississippi Environmental Quality Permit Board, MDEQ staff and/or their authorized representatives, upon the presentation of credentials: a. To enter upon the permittee's premises where an air emission source is located or in which any records are required to be kept under the terms and conditions of this permit; and b. At reasonable times to have access to and copy any records required to be kept under the terms and conditions of this permit, to inspect any monitoring equipment or monitoring method required in this permit, and to sample any air emission. [Miss. Code Ann. 49_17_21]
T-6	General Condition: After notice and opportunity for a hearing, this permit may be modified, suspended, or revoked in whole or in part during its term for good cause shown including, but not limited to, the following: a. Persistent violation of any terms or conditions of this permit; b. Obtaining this permit by misrepresentation or failure to disclose fully all relevant facts; or c. A change in any condition that requires either a temporary or permanent reduction or elimination of previously authorized air emissions. [APC-S-2 II.C]
T-7	General Condition: Except for data determined to be confidential under the Mississippi Air & Water Pollution Control Law, all reports prepared in accordance with the terms of this permit shall be available for public inspection at the offices of the Mississippi Department of Environmental Quality Office of Pollution Control. [Miss. Code Ann. 49_17_39]

Condition No.	Condition
T-8	General Condition: This permit is for air pollution control purposes only. [APC-S-2 I.D]
T-9	General Condition: The knowing submittal of a permit application with false information may serve as the basis for the Permit Board to void the permit issued pursuant thereto or subject the applicant to penalties for operating without a valid permit pursuant to State Law. [APC-S-2 II.B(5)]
T-10	General Condition: It is the responsibility of the applicant/permittee to obtain all other approvals, permits, clearances, easements, agreements, etc., which may be required including, but not limited to, all required local government zoning approvals or permits. [APC-S-2 I.D(6)]
T-11	General Condition: The issuance of a permit does not release the permittee from liability for constructing or operating air emissions equipment in violation of any applicable statute, rule, or regulation of state or federal environmental authorities. [APC-S-2 II.B(7)]

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AI0000000838 (continued):

Narrative Requirements:

Condition No.	Condition
T-12	General Condition: It shall not be a defense for a permittee in an enforcement action that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of the permit, unless halting or reducing activity would create an imminent and substantial endangerment threatening the public health and safety of the lives and property of the people of this state. [APC-S-2 II.B(15)a]
T-13	General Condition: The permit and/or any part thereof may be modified, revoked, reopened, and reissued, or terminated for cause. Sufficient cause for a permit to be reopened shall exist when an air emissions stationary source becomes subject to Title V. 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. [APC-S-2 II.B(15)b]
T-14	General Condition: The permit does not convey any property rights of any sort, or any exclusive privilege. [APC-S-2 II.B(15)c]
T-15	General Condition: The permittee shall furnish to the DEQ within a reasonable time any information the DEQ 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 DEQ copies of records required to be kept by the permit or, for information claimed to be confidential, the permittee shall furnish such records to the DEQ along with a claim of confidentiality. The permittee may furnish such records directly to the Administrator along with a claim of confidentiality. [APC-S-2 II.B(15)d]
T-16	General Condition: This permit shall not be transferred except upon approval of the Permit Board. [APC-S-2 XVI.B]
T-17	General Condition: The provisions of this permit are severable. If any provision of the permit, or the application of any provision of the permit to any circumstances, is challenged or held invalid, the validity of the remaining permit provisions and/or portions thereof or their application to other persons or sets of circumstances, shall not be affected thereby. [APC-S-2 I.D(7)]
T-18	General Condition: The permit to construct will expire if construction does not begin within eighteen (18) months from the date of issuance or if construction is suspended for eighteen (18) months or more. [APC-S-2 V.C(1)]
T-19	General Condition: A new stationary source issued a Permit to Construct cannot begin operation until certification of construction by the permittee. [APC-S-2 V.D(3)]

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AI0000000838 (continued):

Narrative Requirements:

Condition No.	Condition
T-20	General Condition: Except as prohibited in APC-S-2, Section V.D.7, after certification of construction by the permittee, the Permit to Construct shall be deemed to satisfy the requirement for a permit to operate until the date the application for issuance or modification of the Title V Permit or the application for issuance or modification of the State Permit to Operate, whichever is applicable, is due. This provision is not applicable to a source excluded from the requirement for a permit to operate as provided by APC-S-2, Section XIII.G. [APC-S-2 V.D(4)]
T-21	General Condition: Except as otherwise specified in APC-S-2, Section V.D.7, the application for issuance or modification of the State Permit to Operate or the Title V Permit, whichever is applicable, is due twelve (12) months after beginning operation or such earlier date or time as specified in the Permit to Construct. The Permit Board may specify an earlier date or time for submittal of the application. Beginning operation will be assumed to occur upon certification of construction, unless the permittee specifies differently in writing. [APC-S-2 V.D(5)]
T-22	General Condition: Except as otherwise specified in APC-S-2, Section V.D.7, upon submittal of a timely and complete application for issuance or modification of a State Permit to Operate or a Title V Permit, whichever is applicable, the applicant may continue to operate under the terms and conditions of the Permit to Construct and in compliance with the submitted application until the Permit Board issues, modifies, or denies the Permit to Operate. [APC-S-2 V.D(6)]
T-23	General Condition: For moderate modifications that require contemporaneous enforceable emissions reductions from more than one emission point in order to net out of PSD/NSR, the applicable Title V Permit to Operate or State Permit to Operate must be modified prior to beginning operation of the modified facilities. [APC-S-2 V.D(7)]
T-24	General Condition: Regarding compliance testing: (a) The results of any emissions sampling and analysis shall be expressed both in units consistent with the standards set forth in any Applicable Rules and Regulations or this permit and in units of mass per time. (b) Compliance testing will be performed at the expense of the permittee. (c) Each emission sampling and analysis report shall include but not be limited to the following: 1. detailed description of testing procedures; 2. sample calculation(s); 3. results; and 4. comparison of results to all Applicable Rules and Regulations and to emission limitations in the permit. [APC-S-2 VI.B(3, 4 and 6)]
T-25	General Condition: The construction of the stationary source shall be performed in such a manner so as to reduce fugitive dust emissions from construction activities to a minimum. [APC-S-2 V.A(4)]

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AI0000000838 (continued):

Narrative Requirements:

Condition No.	Condition
T-26	The permittee shall make the information required to be documented and maintained pursuant to §52.21(r)(6) available for review upon a request for inspection by MDEQ or the general public pursuant to the requirements contained in §70.4(b)(3)(viii). [Other]

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EQPT0000000001 (AA-001) 73 MMBTU/hr Woodwaste/Natural Gas/Used Oil/Oil Absorbent Material Boiler equipped with a Multiclone Flyash Arrestor and an Electrostatic Precipitator:

Limitation Requirements:

Condition No.	Parameter	Condition
L-1	Carbon Monoxide	Carbon Monoxide: For Emission Point AA-001, the permittee shall limit emissions of Carbon Monoxide to ≤ 55.0 lbs/hr and 240.9 tons/yr. [APC-S-2 Section II.B(10)]
L-2	Particulate Matter	Particulate Matter: For Emission Point AA-001, fuel burning operations utilizing a mixture of combustibles such as, but not limited to, fossil fuels plus bark, oil plus bark, or spent wood, or water treatment by-products sludge, may be allowed particulate matter emission rates up to 0.30 grains per standard dry cubic foot and not to exceed 44.5 lbs/hr and 195.0 tons/yr. [APC-S-1 Section 3.4(b)]
L-3	Opacity	<p>Opacity: For Emission Point AA-001, the permittee shall not cause, permit, or allow the emission of smoke into the open air which exceeds forty (40) percent opacity subject to the following exceptions.</p> <p>Startup operations may produce emissions which exceed 40% opacity for up to fifteen (15) minutes per startup in any one hour and not to exceed three (3) startups per stack in any twenty-four (24) hour period.</p> <p>Emissions resulting from soot blowing operations shall be permitted provided such emissions do not exceed 60 percent opacity, and provided further that the aggregate duration of such emissions during any twenty-four (24) hour period does not exceed ten (10) minutes per billion BTU gross heating value of fuel in any one hour. [APC-S-1 Section 3.1]</p>
L-4	Sulfur Dioxide	Sulfur Dioxide: For Emission Point AA-001, the maximum discharge of sulfur oxides from any fuel burning installation in which the fuel is burned primarily to produce heat or power by indirect heat transfer shall not exceed 4.8 pounds (measured as sulfur dioxide) per million BTU heat input. [APC-S-1 Section 4.1(a)]
L-5		For Emission Point AA-001, the permittee shall burn no fuels other than natural gas, uncontaminated woodwaste, used on-site generated oil and oil absorbent material. The permittee is allowed to burn only woodwaste that is generated from the debarking, sawing, chipping, planing and/or cutting of harvested timber and similar woodwaste generated from off-site sources. The permittee is prohibited from burning any off site generated used oil or oil absorbent materials. [APC-S-2 Section II.B(10)]

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EQPT0000000001 (continued):

Monitoring Requirements:

Condition No.	Parameter	Condition
M-1		For Emission Point AA-001, the permittee shall monitor all fuels burned monthly. These records shall consist of fuel type, quantity, sulfur content (% weight) and the heating value (BTU/gal, BTU/lb, BTU/scf). These records shall be maintained in log form and submitted by July 31 and January 31 for the preceeding six-month period. [APC-S-2 Section II.B(10)]

Record-Keeping Requirements:

Condition No.	Condition
R-1	For Emission Point AA-001, the permittee shall maintain a chemical analysis of the combined used oil and the oil absorbent material burned. The chemical analysis shall be performed annually and maintained on-site. [APC-S-2 Section II.B(10)]

Submittal/Action Requirements:

Condition No.	Condition
S-1	For Emission Point AA-001, the permittee shall report any deviations from the permit requirements, including those attributable to upsets, within five (5) working days of the deviation. The report shall include the cause of such deviations, the magnitude of the excess emissions, the total duration of excess emissions, and any corrective and/or preventative measures taken. All instances of deviations from permit requirements must be clearly identified in such reports and all required reports must be certified by a responsible official. [APC-S-1, APC-S-6]

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EQPT0000000001 (continued):

Narrative Requirements:

Condition No.	Condition						
T-1	<p>Beginning upon permit issuance date, the permittee is authorized to construct or modify air emissions equipment for the emission of air contaminants from Emission Point AA-001, the No. 1 Woodwaste/ Natural Gas/ Used Oil/ Oil Absorbent Material Boiler (Heat Input Capacity 73 MMBTU/Hr) equipped with a Multiclone Flyash Arrestor and an Electrostatic Precipitator for air emission control.</p> <p>The air emissions equipment shall be constructed to comply with the emission limitations and monitoring requirements specified herein. [APC-S-2 II.B(10)]</p>						
T-2	<p>As defined in the Title V Operating Permit for Emission Point AA-001, the permittee shall demonstrate compliance with the emission limitations for the following pollutants by stack testing in accordance with the specified methods.</p> <table><tr><td>Particulate Matter</td><td>EPA Test Methods 1-5</td></tr><tr><td>Carbon Monoxide</td><td>EPA Test Method 10</td></tr><tr><td>Opacity</td><td>EPA Test Method 9 (6-minute average of 24 observations)</td></tr></table> <p>For the purpose of compliance demonstration, the permittee shall operate the emission source within 20% of its maximum rated capacity.</p> <p>For the purpose of demonstrating compliance with the opacity limit, the permittee shall conduct opacity observations concurrently with the performance test. If visibility or other conditions prevent the opacity observations from being performed concurrently with the performance test, the permittee shall reschedule the opacity observations as soon after the performance test as possible, but no later than thirty (30) days after.</p> <p>A pretest conference at least thirty (30) days prior to the scheduled test date is needed to ensure that all test methods and procedures are acceptable to the DEQ. Also, the DEQ must be notified prior to the scheduled test date. At least ten (10) days notice should be given so that an observer may be scheduled to witness the test(s). [APC-S-2 Section VI.B(1)]</p>	Particulate Matter	EPA Test Methods 1-5	Carbon Monoxide	EPA Test Method 10	Opacity	EPA Test Method 9 (6-minute average of 24 observations)
Particulate Matter	EPA Test Methods 1-5						
Carbon Monoxide	EPA Test Method 10						
Opacity	EPA Test Method 9 (6-minute average of 24 observations)						

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EQPT0000000002 (AA-003) 59.4 MMBTU/hr Woodwaste/Natural Gas Boiler equipped with a Multiclone Flyash Arrestor and an Electrostatic Precipitator:

Limitation Requirements:

Condition No.	Parameter	Condition
L-1	Carbon Monoxide	Carbon Monoxide: For Emission Point AA-003, the permittee shall limit emissions of Carbon Monoxide to <= 50.0 lbs/hr and 219.0 tons/yr. [APC-S-2 Section II.B(10)]
L-2	Particulate Matter	Particulate Matter: For Emission Point AA-003, The permittee shall not cause to be discharged into the atmosphere any gases that contain Particulate Matter (PM) in excess of 43 ng/J (0.10 lb/ million BTU) heat input. [40 CFR 60_SUBPART Dc.Section 60.43c(b)(1)]
L-3	Opacity	Opacity: For Emission Point AA-003, the permittee shall not cause to be discharged into the atmosphere any gases that exhibit greater than 20 percent opacity (6-minute average), except for on e 6-minute period per hour of not more than 27 percent opacity. [40 CFR 60_SUBPART Dc.Section 60.43c(c)]
L-4	Sulfur Dioxide	Sulfur Dioxide: For Emission Point AA-003, the maximum discharge of sulfur oxides from any fuel burning installation in which the fuel is burned primarily to produce heat or power by indirect heat transfer shall not exceed 4.8 pounds (measured as sulfur dioxide) per million BTU heat input. [APC-S-1 Section 4.1(a)]
L-5		For Emission Point AA-003, the PM and opacity standards apply at all times except during periods of startup, shutdown, or malfunction. [40 CFR 60_SUBPART Dc.Section 60.43c(d)]
L-6		For Emission Point AA-003, the permittee shall burn no fuels other than natural gas, uncontaminated woodwaste, used on-site generated oil and oil absorbent material. The permittee is allowed to burn only woodwaste that is generated from the debarking, sawing, chipping, planing and/or cutting of harvested timber and similar woodwaste generated from off-site sources. The permittee is prohibited from burning any off site generated used oil or oil absorbent materials. [APC-S-2 Section II.B(10)]
L-7		For Emission Point AA-003, the sulfur content in used oil shall not exceed 0.5%. [40 CFR 60_SUBPART Dc.Section 60.43c(c) and (d)]

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EQPT0000000002 (continued):

Monitoring Requirements:

Condition No.	Parameter	Condition
M-1		For Emission Point AA-003, the permittee shall monitor all fuels burned monthly. These records shall consist of fuel type, quantity, sulfur content (% weight) and the heating value (BTU/gal, BTU/lb, BTU/scf). These records shall be maintained in log form and submitted by July 31 and January 31 for the preceeding six-month period. [APC-S-2 Section II.B(10)]

Record-Keeping Requirements:

Condition No.	Condition
R-1	For Emission Point AA-003, the permittee shall maintain a chemical analysis of the combined used oil and the oil absorbent material burned. The chemical analysis shall be performed annually and maintained on-site. [APC-S-2 Section II.B(10)]

Submittal/Action Requirements:

Condition No.	Condition
S-1	For Emission Point AA-003, the permittee shall report any deviations from the permit requirements, including those attributable to upsets, within five (5) working days of the deviation. The report shall include the cause of such deviations, the magnitude of the excess emissions, the total duration of excess emissions, and any corrective and/or preventative measures taken. All instances of deviations from permit requirements must be clearly identified in such reports and all required reports must be certified by a responsible official. [APC-S-2 Section II.B(10)]

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EQPT0000000002 (continued):

Narrative Requirements:

Condition No.	Condition						
T-1	<p>Beginning upon permit issuance date, the permittee is authorized to construct or modify air emissions equipment for the emission of air contaminants from Emission point AA-003, the No. 2 Woodwaste/ Natural Gas/ Used Oil/ Oil Absorbent Material Boiler (Heat Input Capacity 59.4 MMBTU/Hr) equipped with a Multiclone Flyash Arrestor and an Electrostatic Precipitator for air emission control.</p> <p>The air emissions equipment shall be constructed to comply with the emission limitations and monitoring requirements specified herein. [APC-S-2 II.B(10)]</p>						
T-2	<p>As defined in the Title V Operating Permit for Emission Point AA-003, the permittee shall demonstrate compliance with the emission limitations for the following pollutants by stack testing in accordance with the specified methods.</p> <table><tr><td>Particulate Matter</td><td>EPA Test Methods 1-5</td></tr><tr><td>Carbon Monoxide</td><td>EPA Test Method 10</td></tr><tr><td>Opacity</td><td>EPA Test Method 9 (6-minute average of 24 observations)</td></tr></table> <p>For the purpose of compliance demonstration, the permittee shall operate the emission source within 10% of its maximum rated capacity.</p> <p>For the purpose of demonstrating compliance with the opacity limit, the permittee shall conduct opacity observations concurrently with the performance test. If visibility or other conditions prevent the opacity observations from being performed concurrently with the performance test, the permittee shall reschedule the opacity observations as soon after the performance test as possible, but no later than thirty (30) days after.</p> <p>A pretest conference at least thirty (30) days prior to the scheduled test date is needed to ensure that all test methods and procedures are acceptable to the DEQ. Also, the DEQ must be notified prior to the scheduled test date. At least ten (10) days notice should be given so that an observer may be scheduled to witness the test(s). [APC-S-2 Section VI.B(1)]</p>	Particulate Matter	EPA Test Methods 1-5	Carbon Monoxide	EPA Test Method 10	Opacity	EPA Test Method 9 (6-minute average of 24 observations)
Particulate Matter	EPA Test Methods 1-5						
Carbon Monoxide	EPA Test Method 10						
Opacity	EPA Test Method 9 (6-minute average of 24 observations)						
T-3	<p>For Emission Point AA-003, the permittee is subject to and shall comply with applicable provisions of the New Source Performance Standards (NSPS), 40 CFR 60 Subpart Dc - Standards of Performance for Small Industrial-Commercial-Institutional Steam Generating Units and 40 CFR 60 Subpart A - General Provisions. [40 CFR 60_SUBPART Dc]</p>						

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EQPT0000000004 (AB-002) No. 1 Dry Kiln:

Limitation Requirements:

Condition No.	Parameter	Condition
L-1	Opacity	Opacity: For Emission Point AB-002, the permittee shall not cause, allow or permit the discharge into the ambient air such opacity as to obscure an observer's view to a degree in excess of 40% opacity, equivalent to that provided in APC-S-1, Seciton 3.1. This shall not apply to vision obscuration caused by uncombined water droplets. [APC-S-1 Section 3.2]

Narrative Requirements:

Condition No.	Condition
T-1	<p>Beginning upon permit issuance, the permittee is authorized to construct or modify air emissions equipment for the emission of air contaminants from Emission Point AB-002, No.1 Dry Kiln.</p> <p>The air emissions equipment shall be constructed to comply with the emission limitations and monitoring requirements specified herein. [APC-S-2 II.B(10)]</p>

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EQPT0000000005 (AB-003) No. 2 Dry Kiln (to be removed from operation):

Narrative Requirements:

Condition	
Condition No.	Condition
T-1	The permittee shall cease all operations of Emission Point AB-003 (No. 2 Dry Kiln) upon certification of construction and startup of Emission Point AB-004 (No. 3 Continuous Kiln). [APC-S-2]

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EQPT0000000006 (AB-004) No. 3 Continuous Dry Kiln:

Limitation Requirements:

Condition No.	Parameter	Condition
L-1	Opacity	Opacity: For Emission Point AB-004, the permittee shall not cause, allow or permit the discharge into the ambient air such opacity as to obscure an observer's view to a degree in excess of 40% opacity, equivalent to that provided in APC-S-1, Seciton 3.1. This shall not apply to vision obscuration caused by uncombined water droplets. [APC-S-2 Section 3.2]

Narrative Requirements:

Condition No.	Condition
T-1	<p>Beginning upon permit issuance, the permittee is authorized to construct or modify air emissions equipment for the emission of air contaminants from Emission Point AB-004, the No. 3 Continuous Dry Kiln.</p> <p>The air emissions equipment shall be constructed to comply with the emission limitations and monitoring requirements specified herein. [APC-S-2 II.B(10)]</p>

Permit To Construct Air Emissions Equipment

Georgia Pacific Wood Products LLC, Bay Springs Facility

Facility Requirements

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EQPT0000000007 (AB-005) Planer Mill equipped with cyclone:

Limitation Requirements:

Condition No.	Parameter	Condition
L-1	Particulate Matter	Particulate Matter: For Emission Point AB-005, the permittee shall limit emissions of Particulate Matter (PM) to ≤ 12.0 lbs/hr and 52.6 tons/yr. [APC-S-2 Section II.B(10)]
L-2		For Emission Point AB-005, the permittee shall not cause, allow or permit the discharge into the ambient air such opacity as to obscure an observer's view to a degree in excess of 40% opacity, equivalent to that provided in APC-S-1, Section 3.1. This shall not apply to vision obscuration caused by uncombined water droplets. [APC-S-1 Section 3.2]

Narrative Requirements:

Condition No.	Condition
T-1	<p>Beginning upon permit issuance, the permittee is authorized to construct or modify air emissions equipment for the emission of air contaminants from Emission point AB-005, the Planer Mill equipped with a cyclone for air emission control.</p> <p>The air emissions equipment shall be constructed to comply with the emission limitations and monitoring requirements specified herein. [APC-S-2 II.B(10)]</p>

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Georgia Pacific Wood Products LLC, Bay Springs Facility

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EQPT0000000007 (continued):

Narrative Requirements:

Condition No.	Condition				
T-2	<p>Once per the life of the Title V Operating Permit for Emission Point AB-005, the permittee shall demonstrate compliance with the emission limitations for the following pollutants by stack testing in accordance with the specified methods.</p> <table><tr><td>Particulate Matter</td><td>EPA Test Methods 1-5</td></tr><tr><td>Opacity</td><td>EPA Test Method 9 (6-minute average of 24 observations)</td></tr></table> <p>For the purpose of compliance demonstration, the permittee shall operate the emission source within 20% of its maximum rated capacity.</p> <p>For the purpose of demonstrating compliance with the opacity limit, the permittee shall conduct opacity observations concurrently with the performance test. If visibility or other conditions prevent the opacity observations from being performed concurrently with the performance test, the permittee shall reschedule the opacity observations as soon after the performance test as possible, but no later than thirty (30) days after.</p> <p>A pretest conference at least thirty (30) days prior to the scheduled test date is needed to ensure that all test methods and procedures are acceptable to the DEQ. Also, the DEQ must be notified prior to the scheduled test date. At least ten (10) days notice should be given so that an observer may be scheduled to witness the test(s). [APC-S-2 Section VI.B(1)]</p>	Particulate Matter	EPA Test Methods 1-5	Opacity	EPA Test Method 9 (6-minute average of 24 observations)
Particulate Matter	EPA Test Methods 1-5				
Opacity	EPA Test Method 9 (6-minute average of 24 observations)				

Permit To Construct Air Emissions Equipment

Georgia Pacific Wood Products LLC, Bay Springs Facility

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GRPT0000000001 (Lumber Kilns) Steam Lumber Kilns Nos. 1 and 3 (Kiln No. 2 will be combined with No.3):

Narrative Requirements:

Condition No.	Condition
T-1	For Emission Points AB-002 (No.1 Dry Kiln) and AB-004 (No. 3 Continuous Dry Kiln), the permittee is subject to and shall comply with the National Emission Standards for Hazardous Air Pollutants: Plywood and Composite Wood Products. 40 CFR 63 Subpart DDDD. These units are affected sources per 40 CFR 63.2231(a) of the rule. However, the only applicable requirement was the initial notification. There are no other applicable monitoring, recordkeeping, or reporting requirements for these emission points in Subpart DDDD. [Other]

GENERAL INFORMATION

Georgia Pacific Wood Products LLC, Bay Springs Facility
71 Georgia Pacific Road
Bay Springs, MS
Jasper County

Alternate/Historic Identifiers

ID	Alternate/Historic Name	User Group	Start Date	End Date
838	Georgia Pacific Wood Products, LLC	Official Site Name	12/31/2006	
2806100019	Georgia Pacific Wood Prod., Bay Springs	Air-AIRS AFS	10/12/2000	
MSD067124701	Georgia Pacific Corporation, Bay Springs	Hazardous Waste-EPA ID	3/17/1997	3/13/2007
130000019	Georgia Pacific Corporation, Bay Springs	Air-Title V Operating	12/1/1998	12/1/2003
130000019	Georgia Pacific Corporation, Bay Springs	Air-Construction	10/1/1998	6/25/2010
MSR000448	Georgia Pacific Corporation, Bay Springs	GP-Baseline	7/14/1992	1/8/2001
MS0022136	Georgia Pacific Corporation, Bay Springs	Water - NPDES	3/12/1996	3/11/2001
MS0022136	Georgia Pacific Corporation, Bay Springs	Water - NPDES	5/7/2001	4/30/2006
MSR000448	Georgia Pacific Corporation, Bay Springs	GP-Baseline	1/8/2001	12/27/2005
130000019	Georgia Pacific Corporation, Bay Springs	Air-Title V Operating	9/23/2004	3/6/2007
MSR000448	Georgia Pacific Corporation, Bay Springs	GP-Baseline	12/27/2005	3/5/2006
130000019	Georgia Pacific Wood Products, LLC, Bay Springs	Air-Title V Fee Customer	12/31/2006	
MS0022136	Georgia Pacific Corporation, Bay Springs	Water - NPDES	9/29/2006	3/6/2007
838	Georgia Pacific Corporation	Historic Site Name	7/14/1992	12/31/2006
130000019	Georgia Pacific Wood Products LLC, Bay Springs Facility	Air-Title V Operating	3/6/2007	8/31/2009
MS0022136	Georgia Pacific Wood Products LLC, Bay Springs Facility	Water - NPDES	3/6/2007	8/31/2011
MSR000448	Georgia Pacific Wood Products LLC, Bay Springs Facility	GP-Baseline	3/5/2006	9/30/2010
MSD067124701	Georgia-Pacific Wood Products LLC	Hazardous Waste-EPA ID	3/13/2007	
838 001	Georgia Pacific Chip N Saw	GARD	12/10/1980	
130000019	Georgia Pacific Wood Products LLC, Bay Springs Facility	Air-Construction	6/25/2010	

Basin: Pascagoula River Basin

*** Official MDEQ Permit - Version 1.1 ***

GENERAL INFORMATION

Latitude: 31° 57' 28" 5 tenths

Longitude: 89° 17' 0" 2 tenths

Location Description: PG- Plant Entrance (General). Data collected by J. Dewayne Headrick on 11/14/2005.