



State of Mississippi

AIR POLLUTION CONTROL 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: APR 17 2015

Expires:

Permit No. 1300-00019

Agency Interest # 838

Table of Contents

Subject Item Inventory.....i

Facility Requirements.....1

General Information.....A-1

Other Relevant Documents:

To Construct Air Emissions Equipment

Georgia Pacific Wood Products LLC, Bay Springs Facility

Subject Item Inventory

Permit Number:1300-00019

Activity ID No.: PER20140001

Subject Item Inventory:

ID	Designation	Description
AI838	838	Sawmill/ Planer Mill
CONT1	AB-010	Sawdust silo with cyclone
CONT2	AB-009	Shavings truck loading bin with cyclone
EQPT4	AB-002	No. 1 Dry Kiln with 35 MMBTU/hr sawdust burner and 35 MMBTU/hr natural gas burner
EQPT6	AB-004	No. 3 Continuous Dry Kiln with 35 MMBTU/hr sawdust burner and 35 MMBTU/hr natural gas burner
EQPT7	AB-005	Planer Mill equipped with cyclone

Subject Item Groups:

ID	Description	Components
GRPT1	Direct-fired No.1 Dry Kiln and No. 3 Continuous Dry Kiln	EQPT4 No. 1 Dry Kiln with 35 MMBTU/hr sawdust burner and 35 MMBTU/hr natural gas burner
		EQPT6 No. 3 Continuous Dry Kiln with 35 MMBTU/hr sawdust burner and 35 MMBTU/hr natural gas burner
GRPT2	Planer Mill equipped with cyclone, Sawdust silo with cyclone, Shavings truck loading bin with cyclone	CONT1 Sawdust silo with cyclone
		CONT2 Shavings truck loading bin with cyclone
		EQPT7 Planer Mill equipped with cyclone

KEY

ACT = Activity

AREA = Area

CONT = Control Device

IA = Insignificant Activity

AI = Agency Interest

CAFO = Concentrated Animal Feeding Operation

EQPT = Equipment

IMPD = Impoundment

To Construct Air Emissions Equipment

Georgia Pacific Wood Products LLC, Bay Springs Facility

Subject Item Inventory

Permit Number:1300-00019

Activity ID No.: PER20140001

KEY

MAFO = Animal Feeding Operation

RPNT = Release Point

WDPT = Withdrawal Point

PCS = PCS

TRMT = Treatment

To Construct Air Emissions Equipment
Georgia Pacific Wood Products LLC, Bay Springs Facility
Facility Requirements
Permit Number:1300-00019
Activity ID No.: PER20140001

Page 1 of 15

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 projects covered by this permit 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.[§52.21(r)(6)(iii)]. [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. [11 Miss. Admin. Code Pt. 2, R. 2.5.D.]
S-2	Within fifteen (15) days of beginning actual construction, the permittee must notify DEQ in writing that construction has begun. [11 Miss. Admin.Code Pt. 2, R.2.5.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. [11 Miss. Admin.Code Pt. 2, R.2.5.C(4).]

To Construct Air Emissions Equipment
Georgia Pacific Wood Products LLC, Bay Springs Facility
Facility Requirements
Permit Number:1300-00019
Activity ID No.: PER20140001

Page 2 of 15

AI0000000838 (continued):

Submittal/Action Requirements:

Condition No.	Condition
S-4	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. The report shall contain the following: (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)[§52.21(r)(6)(v)]. [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. [11 Miss. Admin.Code Pt. 2, R.2.5.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]

To Construct Air Emissions Equipment
Georgia Pacific Wood Products LLC, Bay Springs Facility
Facility Requirements
Permit Number:1300-00019
Activity ID No.: PER20140001

Page 3 of 15

AI0000000838 (continued):

Narrative Requirements:

General Condition:

Condition No.	Condition
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 11 Miss. Admin. Code Pt.2, R. 1.10 "Air Emission Regulations for the Prevention, Abatement, and Control of Air Contaminants", Section 10. [11 Miss. Admin. Code Pt. 2, R. 1.10]
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. [11 Miss. Admin.Code Pt. 2, R.2.2.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. [11 Miss. Admin.Code Pt. 2, R.2.1.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. [11 Miss. Admin.Code Pt. 2, R.2.2.B(5).]

To Construct Air Emissions Equipment
Georgia Pacific Wood Products LLC, Bay Springs Facility
Facility Requirements
Permit Number:1300-00019
Activity ID No.: PER20140001

Page 4 of 15

AI0000000838 (continued):

Narrative Requirements:

Condition No.	Condition
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. [11 Miss. Admin.Code Pt. 2, R.2.1.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. [11 Miss. Admin.Code Pt. 2, R.2.1.D(7).]
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. [11 Miss. Admin.Code Pt. 2, R.2.2.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. [11 Miss. Admin.Code Pt. 2, R.2.2.B(15)(b).]
T-14	General Condition: The permit does not convey any property rights of any sort, or any exclusive privilege. [11 Miss. Admin.Code Pt. 2, R.2.2.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. [11 Miss. Admin.Code Pt. 2, R.2.2.B(15)(d).]
T-16	General Condition: This permit shall not be transferred except upon approval of the Permit Board. [11 Miss. Admin.Code Pt. 2, R.2.16.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. [11 Miss. Admin.Code Pt. 2, R.1.1.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. [11 Miss. Admin.Code Pt. 2, R.2.5.C(1).]

To Construct Air Emissions Equipment
Georgia Pacific Wood Products LLC, Bay Springs Facility
Facility Requirements
Permit Number:1300-00019
Activity ID No.: PER20140001

Page 5 of 15

AI0000000838 (continued):

Narrative Requirements:

Condition No.	Condition
T-19	General Condition: A new stationary source issued a Permit to Construct cannot begin operation until certification of construction by the permittee. [11 Miss. Admin.Code Pt. 2, R.2.5.D(3).]
T-20	General Condition: Except as prohibited in 11 Miss. Admin. Code Pt. 2,R. 2.5.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 11 Miss. Admin. Code Pt. 2,R. 2.13.G. [11 Miss. Admin. Code Pt. 2, R. 2.5.D(4).]
T-21	General Condition: Except as otherwise specified in 11 Miss. Admin. Code Pt. 2, R. 2.5.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. [11 Miss. Admin. Code Pt. 2, R. 2.5.D(5).]
T-22	General Condition: Except as otherwise specified in 11 Miss. Admin. Code Pt. 2, R. 2.5.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. [11 Miss. Admin. Code Pt. 2, R. 2.5.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. [11 Miss. Admin.Code Pt. 2, R.2.5.D(7).]

To Construct Air Emissions Equipment
Georgia Pacific Wood Products LLC, Bay Springs Facility
Facility Requirements
Permit Number:1300-00019
Activity ID No.: PER20140001

Page 6 of 15

AI0000000838 (continued):

Narrative Requirements:

Condition No.	Condition
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. [11 Miss. Admin.Code Pt. 2, R.2.6.B(3),(4)&(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. [11 Miss. Admin.Code Pt. 2, R.2.5.A(4).]
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]

To Construct Air Emissions Equipment
Georgia Pacific Wood Products LLC, Bay Springs Facility
Facility Requirements
Permit Number:1300-00019
Activity ID No.: PER20140001

Page 7 of 15

CONT0000000001 (AB-010) Sawdust silo with cyclone:

Limitation Requirements:

Condition No.	Parameter	Condition
L-1	Opacity	Opacity: For Emission Point AB-010, the permittee shall not cause, allow or permit the discharge into the ambient air of such opacity as to obscure an observer's view to a degree in excess of 40% opacity, equivalent to that provided in 11 Miss. Admin. Code Pt.2,R.1.3.A. This shall not apply to vision obscuration caused by uncombined water droplets. [11 Miss. Admin. Code Pt. 2, Ch. 1. R.1.3.B.]

Narrative Requirements:

Condition No.	Condition
T-1	Beginning upon permit modification, the permittee is authorized to construct or modify air emissions equipment for the emission of air contaminants from Emission point AB-010, sawdust fuel silo cyclone. The air emissions equipment shall be constructed to comply with the emission limitations and monitoring requirements specified herein. [11 Miss. Admin. Code Pt. 2, Ch. 2. R.2.2.B.(10)]

To Construct Air Emissions Equipment
Georgia Pacific Wood Products LLC, Bay Springs Facility
Facility Requirements
Permit Number:1300-00019
Activity ID No.: PER20140001

Page 8 of 15

CONT0000000002 (AB-009) Shavings truck loading bin with cyclone:

Limitation Requirements:

Condition No.	Parameter	Condition
L-1	Opacity	Opacity: For Emission Point AB-009, the permittee shall not cause, allow or permit the discharge into the ambient air of such opacity as to obscure an observer's view to a degree in excess of 40% opacity, equivalent to that provided in 11 Miss. Admin. Code Pt.2,R.1.3.A. This shall not apply to vision obscuration caused by uncombined water droplets. [11 Miss. Admin. Code Pt. 2, Ch. 1. R.1.3.B.]
L-2		For Emission Point AB-009, the permittee shall not operate the shavings truck loading bin cyclone over 7500 hr/yr. [11 Miss. Admin. Code Pt. 2, Ch. 2. R.2.2.B.(10)]

Narrative Requirements:

Condition No.	Condition
T-1	Beginning upon permit modification, the permittee is authorized to construct or modify air emissions equipment for the emission of air contaminants from Emission point AB-009, shavings truck loading bin cyclone. The air emissions equipment shall be constructed to comply with the emission limitations and monitoring requirements specified herein. [11 Miss. Admin. Code Pt. 2, Ch. 2. R.2.2.B.(10)]

To Construct Air Emissions Equipment
Georgia Pacific Wood Products LLC, Bay Springs Facility
Facility Requirements
Permit Number:1300-00019
Activity ID No.: PER20140001

Page 9 of 15

EQPT0000000004 (AB-002) No. 1 Dry Kiln with 35 MMBTU/hr sawdust burner and 35 MMBTU/hr natural gas burner:

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 of such opacity as to obscure an observer's view to a degree in excess of 40% opacity, equivalent to that provided in 11 Miss. Admin. Code Pt. 2, R. 1.3.A. This shall not apply to vision obscuration caused by uncombined water droplets. [11 Miss. Admin. Code Pt. 2, Ch. 1. R.1.3.B]
L-2	Opacity	Opacity: The permittee shall limit emissions during startup which exceed 40% opacity to fifteen minutes per startup in any one hour and not to exceed three startups per stack in any twenty-four hour period. [11 Miss. Admin. Code Pt. 2, Ch. 1. R.1.3.(A)(2)]

Narrative Requirements:

Condition No.	Condition
T-1	Beginning upon permit modification, 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 with associated 35 MMBTU/hr sawdust burner. The air emissions equipment shall be constructed to comply with the emission limitations and monitoring requirements specified herein. [11 Miss. Admin. Code Pt. 2, Ch. 2. II.B(10)]

To Construct Air Emissions Equipment
Georgia Pacific Wood Products LLC, Bay Springs Facility
Facility Requirements
Permit Number:1300-00019
Activity ID No.: PER20140001

Page 10 of 15

EQPT0000000006 (AB-004) No. 3 Continuous Dry Kiln with 35 MMBTU/hr sawdust burner and 35 MMBTU/hr natural gas burner:

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 of such opacity as to obscure an observer's view to a degree in excess of 40% opacity, equivalent to that provided in 11 Miss. Admin. Code Pt.2, R.1.3.A. This shall not apply to vision obscuration caused by uncombined water droplets. [11 Miss. Admin. Code Pt. 2, Ch. 1. R.1.3.B]
L-2	Opacity	Opacity: The permittee shall limit emissions during startup which exceed 40% opacity to fifteen minutes per startup in any one hour and not to exceed three startups per stack in any twenty-four hour period. [11 Miss. Admin. Code Pt. 2, Ch. 1. R.1.3.(A)(2)]

Narrative Requirements:

Condition No.	Condition
T-1	Beginning upon permit modification, 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 with associated 35 MMBTU/hr sawdust burner. The air emissions equipment shall be constructed to comply with the emission limitations and monitoring requirements specified herein. [11 Miss. Admin. Code Pt. 2, Ch. 2. II.B(10)]

To Construct Air Emissions Equipment
Georgia Pacific Wood Products LLC, Bay Springs Facility
Facility Requirements
Permit Number:1300-00019
Activity ID No.: PER20140001

Page 11 of 15

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 <= 3.9 lbs/hr and 14.5 tons/yr. [11 Miss. Admin. Code Pt. 2, Ch. 2. Section II.B(10)]
L-2	Opacity	Opacity: For Emission Point AB-005, the permittee shall not cause, allow or permit the discharge into the ambient air of such opacity as to obscure an observer's view to a degree in excess of 40% opacity, equivalent to that provided in 11 Miss. Admin. Code Pt.2,R.1.3.A. This shall not apply to vision obscuration caused by uncombined water droplets. [11 Miss. Admin. Code Pt. 2, Ch. 1. R.1.3.B]
L-3	Particulate Matter (10 microns or less)	Particulate Matter (10 microns or less): For Emission Point AB-005, the permittee shall limit emissions of Particulate Matter 10 microns (PM10) to <= 3.8 lbs/hr and 14.2 tons/yr. [11 Miss. Admin. Code Pt. 2, Ch. 2. R.2.2.B.(10)]
L-4		For Emission Point AB-005, the permittee shall not operate the planar machine over 7500 hr/yr. [11 Miss. Admin. Code Pt. 2, Ch. 2. R.2.2.B.(10)]

To Construct Air Emissions Equipment
Georgia Pacific Wood Products LLC, Bay Springs Facility
Facility Requirements
Permit Number:1300-00019
Activity ID No.: PER20140001

Page 12 of 15

EQPT0000000007 (continued):

Monitoring Requirements:

Condition No.	Parameter	Condition
M-1		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 and the procedures outlined below: Particulate Matter: EPA Test Methods 1-5 or other EPA approved test methods for stack testing PM, 40 CFR 60,Appendix A PM10: EPA Test Methods 201 or 201A or other EPA approved test methods for stack testing PM10, 40 CFR 60,Appendix A Opacity: EPA Test Method 9 (6-minute average of 24 observations) 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. (11 Miss. Admin. Code Pt. 2, R.2.6.B(1)) a. The initial compliance demonstration test shall be performed within 180 DAYS AFTER modification of permitted equipment. b. A written test protocol must be submitted at least thirty (30) days prior to the intended test date(s) to ensure that all test methods and procedures are acceptable to the office of pollution control. If needed, the permittee may request a pretest conference to discuss the test methods and procedures. The pretest conference should be scheduled at least thirty (30) days prior to the test date. c. A notification of the scheduled test date(s) should be submitted ten (10) days prior to the scheduled date(s) so that an observer may be afforded the opportunity to witness the test(s) d. Testing must be performed at the maximum capacity of the system. If equipment cannot reach maximum capacity, testing shall be performed at a rate indicative of normal operations. e. The test must consist of three test runs of at least one (1) hour each. f. The test results must be submitted to the Office of Pollution Control (OPC) within 60 days following compliance demonstration test. g. Subsequent testing shall be performed once per the life of the Title V Operating Permit. [11 Miss. Admin. Code Pt. 2, Ch. 6. R.6.3.A(3)(a)(2)]

To Construct Air Emissions Equipment
Georgia Pacific Wood Products LLC, Bay Springs Facility
Facility Requirements
Permit Number:1300-00019
Activity ID No.: PER20140001

Page 13 of 15

EQPT0000000007 (continued):

Narrative Requirements:

Condition No.	Condition
T-1	Beginning upon permit modification, 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. The air emissions equipment shall be constructed to comply with the emission limitations and monitoring requirements specified herein. [11 Miss. Admin. Code Pt. 2, Ch. 2. R.2.2.B.(10)]

To Construct Air Emissions Equipment
Georgia Pacific Wood Products LLC, Bay Springs Facility
Facility Requirements
Permit Number:1300-00019
Activity ID No.: PER20140001

Page 14 of 15

GRPT0000000001 (Lumber Kilns) Direct-fired No.1 Dry Kiln and No. 3 Continuous Dry Kiln

:

Monitoring Requirements:

Condition No.	Parameter	Condition
M-1		For Emission Points AB-002 and AB-004, the permittee shall assure compliance with the opacity limitations by weekly observations of emissions from exhaust stacks. If any visible emissions are detected during an observation period of six (6) consecutive minutes, a visible emission evaluation (VEE) shall be performed EPA Reference Method 9. If a VEE is performed using EPA Reference method 9, then the observation period shall consist of a minimum of 18 consecutive minutes; however if the visible emissions after a period of 6 minutes are determined to be less than 10% opacity, then the permittee can elect to discontinue doing the VEE. Further, the permittee shall maintain a record and/or log documenting all visual observations/test, the nature and cause of any visible emissions, any corrective action(s) taken to prevent or minimize the emissions, and the date and time when visible emission observations were conducted. [11 Miss. Admin. Code Pt. 2, Ch. 6. R.6.3.A(3)(a)(2)]

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]
T-2	For Emission Points AB-002 and AB-004, the permittee is authorized to burn as fuel only natural gas and uncontaminated woodwaste. For purposes of this permit, woodwaste is defined as sawdust, bark, green chips, and planer shavings generated from the processing of harvested timber and may be purchased from outside sources. [11 Miss. Admin. Code Pt. 2, Ch. 2. R.2.2.B(10)]
T-3	Emission Point AB-002 and AB-004 shall become operational after completion of the shakedown period. Shakedown is defined as the period beginning with initial startup and ending no later than initial performance testing, during which operational and contractual testing and tuning is conducted to ensure the safe, efficient and reliable operation of the plant. The shakedown period shall be no greater than 180 days. Emission Point AA-001 (73 MMBTU/hr boiler) shall be decommissioned and taken out of service upon completion of the shakedown period for both direct fired kilns AB-002 and AB-004. [11 Miss. Admin. Code Pt. 2, Ch. 2. R.2.2.B(10)]

To Construct Air Emissions Equipment
Georgia Pacific Wood Products LLC, Bay Springs Facility
Facility Requirements
Permit Number:1300-00019
Activity ID No.: PER20140001

Page 15 of 15

GRPT0000000002 (Equipment) Planer Mill equipped with cyclone, Sawdust silo with cyclone, Shavings truck loading bin with cyclone:

Limitation Requirements:

Condition No.	Parameter	Condition
L-1	Particulate Matter	Particulate Matter: For Emission Points AB-005, AB-008 and AB-009, the permittee shall not cause, permit or allow the emission of particulate matter in total quantities in any one hour from the emission points to exceed the amount determined by the relationship: $E = 4.1(p^{0.67})$ Where: E is the emission rate in pounds per hour P is the process weight input rate in tons per hour Where E is determined by EPA Test Methods 1-5, 40 CFR 60, Appendix A. [11 Miss. Admin. Code Pt. 2, Ch. 1. R.1.3.F(1)]

Monitoring Requirements:

Condition No.	Parameter	Condition
M-1		For Emission Points AB-005, AB-008 and AB-009, the permittee shall assure compliance with the opacity limitations by weekly observations of emissions from exhaust stacks. If any visible emissions are detected during an observation period of six (6) consecutive minutes, a visible emission evaluation (VEE) shall be performed EPA Reference Method 9. If a VEE is performed using EPA Reference method 9, then the observation period shall consist of a minimum of 18 consecutive minutes; however if the visible emissions after a period of 6 minutes are determined to be less than 10% opacity, then the permittee can elect to discontinue doing the VEE. Further, the permittee shall maintain a record and/or log documenting all visual observations/test, the nature and cause of any visible emissions, any corrective action(s) taken to prevent or minimize the emissions, and the date and time when visible emission observations were conducted. [11 Miss. Admin. Code Pt. 2, Ch. 6. R.6.3.A(3)(a)(2)]

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	9/30/2010
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	1/25/2011
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	
MSR000448	Georgia Pacific Wood Products LLC, Bay Springs Facility	GP-Baseline	1/25/2011	9/28/2015
130000019	Georgia Pacific Wood Products LLC, Bay Springs Facility	Air-Title V Operating	8/1/2011	7/31/2016
MS0022136	Georgia Pacific Wood Products LLC, Bay Springs Facility	Water - NPDES	11/26/2012	10/31/2017

GENERAL INFORMATION

ID	Alternate/Historic Name	User Group	Start Date	End Date
838	Georgia Pacific Wood Products	Air-Notification	11/20/2014	

Basin: Pascagoula River Basin

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