State of Mississippi

FEDERALLY ENFORCEABLE AIR POLLUTION CONTROL PERMIT

Permit to Operate Air Emissions Equipment at a Synthetic Minor Source

THIS CERTIFIES

Tomorrows Energy LLC, dba Piney Wood Pellets
81 Old Highway 49
Wiggins, MS
Stone County

has been granted permission to operate air emissions equipment in accordance with emission limitations, monitoring requirements and conditions set forth herein. This permit is issued in accordance with the Federal Clean Air Act and the provisions of the Mississippi Air and Water Pollution Control Law (Section 49-17-1 et. set., Mississippi Code of 1972), the regulations and standards adopted and promulgated thereunder, and the State Implementation Plan for operating permits for synthetic minor sources.

Mississippi Environmental Quality Permit Board

Mississippi Department of Environmental Quality

Issued/Modified: JAN 27 2009

Expires: DEC 31 2013

Permit No. 2540-00025

Agency Interest # 37405

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

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Permit to Operate Air Emissions Equipment at a Synthetic Minor Source

Tomorrows Energy LLC, dba Piney Wood Pellets

Subject Item Inventory

Permit Number:2540-00025

Activity ID No.: PER20080002

Subject Item Inventory:

ID	Designation	Description
AI37405		
CONT1	AA-003	System Dust Collector Baghouse
CONT2	AA-004	Cooler System Cyclone
EQPT1	AA-001	24.25 MMBTU/hr Wood fired Dryer(No. 1) (throughput capacity 18.84 ton/hr) with a hammermill and a multiclone for product collection
EQPT2	AA-002	24.25 MMBTU/hr Wood fired Dryer(No. 2) (throughput capacity 18.84 ton/hr) with a hammermill and a multiclone for product collection
EQPT3	AA-005	1013 gallon Diesel storage tank

Subject Item Groups:

ID	Description	Components
GRPT1	AA-001 and AA-002 (2-24.25 MMBTU/hr Wood fired Dryers (Nos. 1and 2) (each has a throughput capacity of 18.84 ton/hr a hammermill and a multiclone for product collection))	EQPT2 24.25 MMBTU/hr Wood fired Dryer(No. 2) (throughput capacity 18.84 ton/hr) with a hammermill and a multiclone for product collection
		EQPT1 24.25 MMBTU/hr Wood fired Dryer(No. 1) (throughput capacity 18.84 ton/hr) with a hammermill and a multiclone for product collection

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

Permit to Operate Air Emissions Equipment at a Synthetic Minor Source

Tomorrows Energy LLC, dba Piney Wood Pellets

Subject Item Inventory

Permit Number:2540-00025

Activity ID No.: PER20080002

KEY
TRMT = Treatment

AI0000037405:

Submittal/Action Requirements:

Condition No.	Condition
S-1	General Condition: Except as otherwise specified herein, the permittee shall report all deviations from permit requirements, including those attributable to upsets, the probable cause of such deviations, and any corrective actions or preventive measures taken. Said report shall be made within five (5) working days of the time the deviation began. [APC-S-2 II.B(10)]
S-2	Except as otherwise specified herein, the permittee shall Submit a certified annual synthetic minor monitoring report: Due annually, by the 31st of January for preceding calendar year. This report shall address any required monitoring specified in the permit. [APC-S-2 II.B(11)]

Narrative Requirements:

Condition No.	Condition
T-1	General Condition: Any activities not identified in the application are not authorized by this permit. [Miss. Code Ann. 49-17-29 1.b]
T-2	General Condition: The permittee shall at all times maintain in good working order and operate as efficiently as possible all air pollution control facilities or systems installed or used by the permittee to achieve compliance with the terms and conditions of this permit. [APC-S-2 V.A]
T-3	General Condition: Solids removed in the course of control of air emissions shall 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 1.a(i and ii)]
T-4	General Condition: Any diversion from or bypass of collection and control facilities is prohibited 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 Section 10]
T-5	General Condition: Should the Executive Director of the Mississippi Department of Environmental Quality declare an Air Pollution Emergency Episode, the permittee will be required to operate in accordance with the permittee's previously approved Emissions Reduction Schedule. [APC-S-2 X]

AI0000037405 (continued):

Narrative Requirements:

Condition No.	Condition
T-6	General Condition: The permittee shall allow the Mississippi Department of Environmental Quality Office of Pollution Control and the Mississippi Environmental Quality Permit Board 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-7	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 cause including, but not limited to: (a) 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 required either a temporary or permanent reduction or elimination of authorized air emissions. [APC-S-2 II.C]
T-8	General Condition: This permit and/or any part thereof may be modified, revoked, reopened, and reissued, or terminated for cause. Sufficient cause for this 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 condition of the permit. [APC-S-2 II.B(15)b]
T-9	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]
T-10	General Condition: The issuance of this permit does not convey any property rights in either real or personal property, or any exclusive privileges, nor does it authorize any injury to private property or any invasion of personal rights, nor any infringement of Federal, State, or local laws or regulations. [APC-S-2 II.B(15)c]
T-11	General Condition: Nothing herein contained shall be construed as releasing the permittee from any liability for damage to persons or property by reason of the installation, maintenance, or operation of the air cleaning facility, or from compliance with the applicable statutes of the State, or with local laws, regulations, or ordinances. [APC-S-2 II.B(7)]
T-12	General Condition: This permit may only be transferred upon approval of the Mississippi Environmental Quality Permit Board. [APC-S-2 XVI.B]
T-13	General Condition: This permit is for air pollution control purposes only. [APC-S-2 I.D(1)]

AI0000037405 (continued):

Narrative Requirements:

Condition No.	Condition
T-14	General Condition: This permit is a Federally-approved permit to operate a synthetic minor source as described in Regulation APC-S-2, Section IV.D. [APC-S-2 IV.D]
T-15	General Condition: The provisions of this permit are severable. If any provision of this permit, or the application of any provision of this 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-16	General Condition: The permittee shall furnish to MDEQ within a reasonable time any information MDEQ 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 MDEQ copies of records required to be kept by the permit or, for information claimed to be confidential, the permittee shall furnish such records to MDEQ along with a claim of confidentiality. [APC-S-2 II.B(15)d]
T-17	General Condition: This permit does not authorize a modification as defined in APC-S-2, "Permit Regulations for the Construction and/or Operation of Air Emissions Equipment". Modification is defined as "Any physical change in or change in the method of operation of a facility which increases actual emissions or potential uncontrolled emissions of any air pollutant subject to regulation under the Federal Act emitted into the atmosphere by that facility or which results in the emission of any air pollutant subject to regulation under the Federal Act into the atmosphere not previously emitted. A physical change or change in the method of operation shall not include: (a) routine maintenance, repair, and replacement; (b) use of an alternative fuel or raw material by reason of an order under Sections 2(a) and (b) of the Federal Energy Supply and Environmental Coordination Act of 1974 (or any superseding legislation) or by reason of a natural gas curtailment plan pursuant to the Federal Power Act; (c) use of an alternative fuel by reason of an order or rule under Section 125 of the Federal Act; (d) use of an alternative fuel or raw material by a stationary source which: (i) the source was capable of accommodating before January 6, 1975, unless such change would be prohibited under any federally enforceable permit condition which was established after January 6, 1975, pursuant to 40 CFR 52.21 or under regulations approved pursuant to 40 CFR 51.166; or (ii) the source is approved to use under any permit issued under 40 CFR 52.51 or under regulations approved pursuant to 40 CFR 51.166; (e) an increase in the hours of operation or in the production rate unless such change would be prohibited under any federally enforceable permit condition which was established after January 6, 1975, pursuant to 40 CFR 52.51, or under regulations approved pursuant to Subpart I or 40 CFR 51.166; or (f) any change in ownership of the stationary source" [APC-S-2 I.D(2)]
T-18	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 this 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]

AI0000037405 (continued):

Narrative Requirements:

Condition No.	Condition
T-19	General Condition: The permittee shall retain all required records, monitoring data, supported information and reports for a period of at least five (5) years from the date of the monitoring sample, measurement, report, or application. Support information includes all calibration and maintenance records, all original strip-chart recordings or other data for continuous monitoring instrumentation, and copies of all reports required by this permit. Copies of such records shall be submitted to MDEQ as required by Applicable Rules and Regulations or this permit upon request. [APC-S-2 IX]
T-20	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 constructing or operating without a valid permit. [APC-S-2 II.B(5)]
T-21	General Condition: Emergencies (a) Except as otherwise specified herein, an emergency means any situation arising from sudden and reasonably unforseeable events beyond the control of the source, including acts of God, which situation requires immediate corrective action to restore normal operation, and that causes the source to exceed a technology-based emission limitation under the permit, due to unavoidable increases in emissions attributable to the emergency. An emergency shall not include noncompliance to the extent caused by improperly designed equipment, lack of preventative maintenance, careless or improper operation, or operator error. (b) An emergency constitutes an affirmative defense to an action brought for noncompliance with such technology-based emission limitations if the conditions specified in (c) following are met. (c) The affirmative defense of emergency shall be demonstrated through properly signed contemporaneous operating logs, or other relevant evidence as follows: (i) an emergency occurred and that the permittee can identify the cause(s) of the emergency; (ii) the permitted facility was at the time being properly operated; (iii) during the period of the emergency the permittee took all reasonable steps to minimize levels of emissions that exceeded the emission standards, or other requirements in the permit; and (iv) the permittee submitted notice of the emergency to MDEQ within two (2) working days of the time when emission limitations were exceeded due to the emergency which contained a description of the emergency, any steps taken to mitigate emissions, and corrective actions taken. (d) In any enforcement proceeding, the permittee seeking to establish the occurrence of any emergency has the burden of proof. (e) This provision is in addition to any emergency or upset provision contained in any applicable requirement specified elsewhere herein [APC-S-2 II.B(10)]

AI0000037405 (continued):

Narrative Requirements:

Condition No.	Condition
T-22	General Condition: Upsets (a) The occurrence of an upset constitutes an affirmative defense to an enforcement action brought for noncompliance with emission standards or other requirements of Applicable Rules and Regulations or any applicable permit if the permittee demonstrates through properly signed contemporaneous operating logs, or other relevant evidence that include information as follows: (i) an upset occurred and that the permittee can identify the cause(s) of the upset; (ii) the source was at the time being properly operated; (iii) during the upset the permittee took all reasonable steps to minimize levels of emissions that exceeded the emission standards, or other requirements of Applicable Rules and Regulations or any applicable permit; (iv) the permittee submitted notice of the upset to the DEQ within five (5) working days of the time the upset began which contained a description of the upset, any steps taken to mitigate emissions, and corrective actions taken. (b) In any enforcement proceeding, the permittee seeking to establish the occurrence of an upset has the burden of proof. (c) This provision is in addition to any upset provision contained in any applicable requirement. [APC-S-1 Section 10]
T-23	General Condition: Startups and Shutdowns (a) Startups and shutdowns are part of normal source operation. Emissions limitations applicable to normal operation apply during startups and shutdowns except as follows: (i) when sudden, unavoidable breakdowns occur during a startup or shutdown, the event may be classified as an upset subject to the requirements above; (ii) when a startup or shutdown is infrequent, the duration of excess emissions is brief in each event, and the design of the source is such that the period of excess emissions cannot be avoided without causing damage to equipment or persons; or (iii) when the emissions standards applicable during a startup or shutdown are defined by other requirements of Applicable Rules and Regulations or any applicable permit. (b) In any enforcement proceeding, the permittee seeking to establish the applicability of any exception during a startup or shutdown has the burden of proof. (c) In the even this startup and shutdown provision conflicts with another applicable requirement, the more stringent requirement shall apply. [APC-S-1 Section 10]
T-24	General Condition: Maintenance (a) Maintenance should be performed during planned shutdown or repair of process equipment such that excess emissions are avoided. Unavoidable maintenance that results in brief periods of excess emissions and that is necessary to prevent or minimize emergency conditions or equipment malfunctions constitutes an affirmative defense to an enforcement action brought for noncompliance with emission standards, or other regulatory requirements if the permittee can demonstrate the following: (i) the permittee can identify the need for the maintenance; (ii) the source was at the time being properly operated; (iii) during the maintenance the permittee took all reasonable steps to minimize levels of emissions that exceeded the emission standards, or other requirements of Applicable Rules and Regulations or any applicable permit; (iv) the permittee submitted notice of the maintenance to MDEQ within five (5) working days of the time the maintenance began or such other times as allowed by MDEQ, which contained a description of the maintenance, any steps taken to mitigate emissions, and corrective actions taken. (b) In any enforcement proceeding, the permittee seeking to establish the applicability of this section has the burden of proof. (c) In the event this maintenance provision conflicts with another applicable requirement, the more stringent requirement shall apply. [APC-S-1 Section 10]

AI0000037405 (continued):

Narrative Requirements:

Condition No.	Condition
T-25	General Condition: For renewal of this permit the applicant shall make application not less than one-hundred eighty (180) days prior to the expiration date of the permit substantiated with current emissions data, test results or reports or other data as deemed necessary by the Mississippi Environmental Quality Permit Board. [APC-S-2 VIII]

CONT0000000001 (AA-003) System Dust Collector Baghouse:

Limitation Requirements:

Condition No.	Parameter	Condition
L-1	Particulate Matter (10 microns	For Emission Point AA-003, the permittee shall have emissions of Particulate Matter (10 microns or less) <= 0.65 tons/yr, as determined by EPA Test Method 201 or 201A in conjunction with Test Method 202, 40 CFR 51, Appendix M. [APC-S-2 II..B.(10.)] This requirement is applicable during the following months: Jan-Dec. Statistical basis: Annual Maximum.
L-2	Particulate Matter (10 microns	For Emission Point AA-003, the permittee shall have emissions of a Particulate Matter (10 microns or less) <= 0.15 lb/hr, as determined by EPA Test Method 201 or 201A in conjunction with Test Method 202, 40 CFR 51, Appendix M. [APC-S-2 II..B.(10.)] This requirement is applicable during the following months: Jan-Dec. Statistical basis: Hourly Maximum.

CONT0000000001 (continued):

Monitoring Requirements:

Condition No.	Parameter	Condition
M-1	Particulate Matter (10 microns	Particulate Matter (10 microns or less): For Emission Point AA-003, the permittee shall demonstrate compliance with PM10 emission limitations by stack testing in accordance with the specified methods and the procedures outlined below: a. The initial performance test shall be performed within 180 DAYS AFTER initial start-up of permitted equipment. b. A notification of intent to conduct the performance test must be submitted to the Office of Pollution Control sixty (60) days prior to the scheduled test date. c. 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. d. 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) e. Testing must be performed at the maximum capacity of the system. f. The test must consist of three test runs of at least one(1) hour each. g. The performance test results must be submitted to the Office of Pollution Control (OPC) within 60 days following compliance demonstration test. h. Testing shall be performed once every five years. i. The performance test shall determine the pressure drop accross the baghouse at which emissions are in compliance with permit limits. The resulting pressure drop once approved by the Department shall be incorporated herein as limiting operating conditions for Emission Point AA-003. [APC-S-2 II..B.(10.)]

Record-Keeping Requirements:

Particulate Matter (10 microns or less):

Condition No.	Condition
R-1	For Emission Point AA-003, the permittee shall demonstrate compliance with Particulate Matter (10 microns or less) recordkeeping by continuous emissions monitor (CEM) and record the daily pressure drop accross the baghouse. [APC-S-2 II..B.(10.)]

CONT0000000001 (continued):

Record-Keeping Requirements:

Condition No.	Condition
R-2	For Emission Point AA-003, the permittee shall record hours of operation on a daily basis. [APC-S-2 II..B.(10.)]

Narrative Requirements:

Condition No.	Condition
T-1	For Emission Point AA-003, the permittee shall operate the pollution control equipment at all times while the facility is in operation. [APC-S-2 II..B.(10.)]
T-2	For Emission Point AA-003, the permittee shall perform regular inspections and any required maintenance each week or more often if necessary to maintain proper operation of the pollution equipment. The permittee shall also maintain on hand at all times sufficient equipment as is necessary to repair and/or replace the pollution control equipment. [APC-S-2 II..B.(10.)]

CONT0000000002 (AA-004) Cooler System Cyclone:

Limitation Requirements:

Condition No.	Parameter	Condition
L-1	Particulate Matter (10 microns	For Emission Point AA-004, the permittee shall have emissions of Particulate Matter (10 microns or less) <= 3.22 tons/yr, as determined by EPA Test Method 201 or 201A in conjunction with Test Method 202, 40 CFR 51, Appendix M. [APC-S-2 II..B.(10.)] This requirement is applicable during the following months: Jan-Dec. Statistical basis: Annual Maximum.
L-2	Particulate Matter (10 microns	For Emission Point AA-004, the permittee shall have emissions of a Particulate Matter (10 microns or less) <= 0.73 lb/hr, as determined by EPA Test Method 201 or 201A in conjunction with Test Method 202, 40 CFR 51, Appendix M. [APC-S-2 II..B.(10.)] This requirement is applicable during the following months: Jan-Dec. Statistical basis: Hourly Maximum.

CONT0000000002 (continued):

Monitoring Requirements:

Condition No.	Parameter	Condition
M-1	Particulate Matter (10 microns	Particulate Matter (10 microns or less): For Emission Point AA-004, the permittee shall demonstrate compliance with PM10 emission limitations by stack testing in accordance with the specified methods and the procedures outlined below: a. The initial performance test shall be performed within 180 DAYS AFTER initial start-up of permitted equipment. b. A notification of intent to conduct the performance test must be submitted to the Office of Pollution Control sixty (60) days prior to the scheduled test date. c. 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. d. 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) e. Testing must be performed at the maximum capacity of the system. f. The test must consist of three test runs of at least one(1) hour each. g. The performance test results must be submitted to the Office of Pollution Control (OPC) within 60 days following compliance demonstration test. h. Testing shall be performed once every five years. i. The performance test shall determine the pressure drop accross the multiclone at which emissions are in compliance with permit limits. The resulting pressure drop once approved by the Department shall be incorporated herein as limiting operating conditions for the cooling cyclone. [APC-S-2 II..B.(10.)]
M-2		For emission point AA-004, the permittee shall conduct monthly inspections for visible emissions. If visible emissions are observed from an emission point (one-minute interval), the permittee shall conduct an observation in accordance with EPA Reference Method 9. The permittee shall maintain records of monthly visible emissions inspections and any VEE□s that are performed in log book form. A summary report shall be submitted by July 31 and January 31 for the preceding six-month period. [APC-S-2 II..B.(10.)]

CONT0000000002 (continued):

Record-Keeping Requirements:

Condition No.	Condition
R-1	For Emission Point AA-004, the permittee shall record pressure drop across the cyclone on a daily basis. [APC-S-2 II..B.(10.)]

Narrative Requirements:

Condition No.	Condition
T-1	For Emission Point AA-004, the permittee shall operate the pollution control equipment at all times while the facility is in operation. [APC-S-2 II..B.(10.)]
T-2	For Emission Point AA-004, the permittee shall perform regular inspections and any required maintenance each week or more often if necessary to maintain proper operation of the pollution equipment. The permittee shall also maintain on hand at all times sufficient equipment as is necessary to repair and/or replace the pollution control equipment. [APC-S-2 II..B.(10.)]

EQPT0000000001 (AA-001) 24.25 MMBTU/hr Wood fired Dryer(No. 1) (throughput capacity 18.84 ton/hr) with a hammermill and a multiclone for product collection:

Limitation Requirements:

Condition No.	Parameter	Condition
L-1	Opacity	For Emission Point AA-001, the permittee shall have emissions of Opacity <= 40 %, as determined by EPA Method 9 40 CFR 60, Appendix A. [APC-S-1 3..1.] This requirement is applicable during the following months: Jan-Dec.
L-2	Particulate Matter (10 microns	For Emission Point AA-001, the permittee shall have emissions of Particulate Matter (10 microns or less) <= 46.83 tons/yr, as determined by EPA Test Method 201 or 201A in conjunction with Test Method 202, 40 CFR 51, Appendix M. [APC-S-2 II..B.(10.)] This requirement is applicable during the following months: Jan-Dec. Statistical basis: Annual Maximum.
L-3	Particulate Matter (10 microns	For Emission Point AA-001, the permittee shall have emissions of a Particulate Matter (10 microns or less) <= 10.83 lb/hr, as determined by EPA Test Method 201 or 201A in conjunction with Test Method 202, 40 CFR 51, Appendix M. [APC-S-2 II..B.(10.)] This requirement is applicable during the following months: Jan-Dec. Statistical basis: Hourly Maximum.

Narrative Requirements:

Condition No.	Condition
T-1	Emission Point AA-001, includes a 24.25 MMBTU/hr burner for a rotary dryer, a multiclone, and a hammermill. [APC-S-2 II..B.(10.)]

EQPT0000000002 (AA-002) 24.25 MMBTU/hr Wood fired Dryer(No. 2) (throughput capacity 18.84 ton/hr) with a hammermill and a multiclone for product collection:

Limitation Requirements:

Condition No.	Parameter	Condition
L-1	Opacity	For Emission Point AA-002, the permittee shall have emissions of Opacity <= 40 %, as determined by EPA Method 9 40 CFR 60, Appendix A. [APC-S-1 3..1.] This requirement is applicable during the following months: Jan-Dec.
L-2	Particulate Matter (10 microns	For Emission Point AA-002, the permittee shall have emissions of Particulate Matter (10 microns or less) <= 46.83 tons/yr, as determined by EPA Test Method 201 or 201A in conjunction with Test Method 202, 40 CFR 51, Appendix M. [APC-S-2 II..B.(10.)] This requirement is applicable during the following months: Jan-Dec. Statistical basis: Annual Maximum.
L-3	Particulate Matter (10 microns	For Emission Point AA-002, the permittee shall have emissions of a Particulate Matter (10 microns or less) <= 10.83 lb/hr, as determined by EPA Test Method 201 or 201A in conjunction with Test Method 202, 40 CFR 51, Appendix M. [APC-S-2 II..B.(10.)] This requirement is applicable during the following months: Jan-Dec. Statistical basis: Hourly Maximum.

Narrative Requirements:

Condition No.	Condition
T-1	Emission Point AA-002, includes a 24.25 MMBTU/hr burner for a rotary dryer, a multiclone, and a hammermill. [APC-S-2 II..B.(10.)]

GRPT0000000001 (AA-100) AA-001 and AA-002 (2-24.25 MMBTU/hr Wood fired Dryers (Nos. 1and 2) (each has a throughput capacity of 18.84 ton/hr a hammermill and a multiclone for product collection)):

Limitation Requirements:

Condition No.	Parameter	Condition
L-1	Particulate Matter (10 microns	Particulate Matter (10 microns or less): For Emission Points AA-001 and AA-002, the multiclones shall operate within the pressure drop ranges described in the stack test report described in Condition M-1 below. [APC-S-2 II..B.(10.)]

Monitoring Requirements:

Condition No.	Parameter	Condition
M-1	Particulate Matter (10 microns	Particulate Matter (10 microns or less): For Emission Points AA-001 and AA-002, the permittee shall demonstrate compliance with PM10 emission limitations by stack testing in accordance with the specified methods and the procedures outlined below: a. The initial performance test shall be performed within 180 DAYS AFTER initial start-up of permitted equipment. b. A notification of intent to conduct the performance test must be submitted to the Office of Pollution Control sixty (60) days prior to the scheduled test date. c. 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. d. 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) e. Testing must be performed at the maximum capacity of the system. f. The test must consist of three test runs of at least one(1) hour each. g. The performance test results must be submitted to the Office of Pollution Control (OPC) within 60 days following compliance demonstration test. h. Testing shall be performed once every five years. i. The performance test shall determine the pressure drop accross the multiclone at which emissions are in compliance with permit limits. The resulting pressure drop once approved by the Department shall be incorporated herein as limiting operating conditions for the multiclone. [APC-S-2 II..B.(10.)]

Monitoring Requirements:

Condition No.	Parameter	Condition
M-2		For Emission Points AA-001 and AA-002 (the inherent cyclones), the permittee shall conduct monthly inspections for visible emissions. If visible emissions are observed from an emission point (one-minute interval), the permittee shall conduct an observation in accordance with EPA Reference Method 9. The permittee shall maintain records of monthly visible emissions inspections and any VEE□s that are performed in log book form. A summary report shall be submitted by July 31 and January 31 for the preceding six-month period. [APC-S-2 II..B.(10.)]

Record-Keeping Requirements:

Particulate Matter (10 microns or less):

Condition No.	Condition
R-1	The permittee shall demonstrate compliance with Particulate Matter (10 microns or less) recordkeeping by continuous emissions monitor (CEM) and record the daily pressure drop accross the multiclone. [APC-S-2 II..B.(10.)]

Condition No.	Condition
R-2	The permittee shall record the throughput into the dryer and the hours of operation on a daily basis. [APC-S-2 II..B.(10.)]
R-3	The permittee shall record the temperature of the dryer inlet and the burner operating temperature on a daily basis. [APC-S-2 II..B.(10.)]

GRPT0000000001 (continued):

Narrative Requirements:

Condition No.	Condition
T-1	For Emission Points AA-001 and AA-002, the permittee shall operate the pollution control equipment at all times while the facility is in operation. [APC-S-2 II..B.(10.)]
T-2	For Emission Points AA-001 and AA-002, the permittee shall perform regular inspections and any required maintenance each week or more often if necessary to maintain proper operation of the pollution equipment. The permittee shall also maintain on hand at all times sufficient equipment as is necessary to repair and/or replace the pollution control equipment. [APC-S-2 II..B.(10.)]

GENERAL INFORMATION

Tomorrows Energy LLC, dba Piney Wood Pellets
81 Old Highway 49
Wiggins, MS
Stone County

Alternate/Historic Identifiers

ID	Alternate/Historic Name	User Group	Start Date	End Date
37405	Tomorrow's Energy, LLC, dba Piney Wood Pellets	Official Site Name	4/29/2008	
MSR105080	Tomorrow's Energy, LLC, dba Piney Wood Pellets	GP-Construction	9/16/2008	5/31/2010
WQC2008092	Tomorrows Energy LLC, dba Piney Wood Pellets	WQC Number	12/18/2008	
SAM20081122SMZ	Tomorrows Energy LLC, dba Piney Wood Pellets	COE Public Notice/ Permit Number	12/22/2008	1/12/2009
254000025	Tomorrows Energy LLC, dba Piney Wood Pellets	Air-Construction	1/27/2009	
254000025	Tomorrows Energy LLC, dba Piney Wood Pellets	Air-Synthetic Minor Operating	1/27/2009	12/31/2013

Basin: Pascagoula River Basin

Location Description: