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Northwest District
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Secretary

Sent by Electronic Mail - Received Receipt Requested

PERMITTEE

Green Circle Bio Energy Inc.
2500 Green Circle Parkway
Cottondale, Florida 32431

Authorized Representative:
Mr. Greg Martin, Plant Manager

Air Permit No. 0630058-011-AC
Permit Expires: August 21, 2017

Cottondale Wood Pellet Plant
Title V Source Air Construction Permit
Pellet Plant Expansion

This is the final air construction permit, which authorizes increasing the hourly and annual wood pellet production rates from 88 tons per hour and 610,000 tons per year to 121 tons per hour and 827,000 tons per year and installing a green Chip Screening and Sizing Operation, a new dryer line, a dry chip silo, up to ten new horizontal hammermills, three new pellet mills and new pneumatic transfer systems. The proposed work will be conducted at the Cottondale Wood Pellet Plant, which is a wood fuel pellet manufacturing facility (Standard Industrial Classification No. 2499, Wood Products Facility, Not Otherwise Classified). The facility is located in Jackson County at 2500 Green Circle Parkway in Cottondale, Florida. The UTM coordinates are Zone 16, 653.89 km East, and 3401.68 km North. As noted in the Final Determination provided with this final permit, only minor changes were made to the draft permit.

This final permit is organized by the following sections.

Section 1. General Information

Section 2. Administrative Requirements

Section 3. Emissions Unit Specific Conditions

Section 4. Appendices

Because of the technical nature of the project, the permit contains numerous acronyms and abbreviations, which are defined in Appendix A of Section 4 of this permit.

This air pollution construction permit is issued under the provisions of: Chapter 403 of the Florida Statutes (F.S.) and Chapters 62-4, 62-204, 62-210, 62-212, 62-213, 62-296 and 62-297 of the Florida Administrative Code (F.A.C.). The permittee is authorized to conduct the proposed work in accordance with the conditions of this permit. This project is subject to the general preconstruction review requirements in Rule 62-212.300, F.A.C., and is not subject to the preconstruction review requirements for major stationary sources in Rule 62-212.400, F.A.C., for the Prevention of Significant Deterioration (PSD) of Air Quality.

Upon issuance of this final permit, any party to this order has the right to seek judicial review of it under Section 120.68 of the Florida Statutes by filing a notice of appeal under Rule 9.110 of the Florida Rules of Appellate Procedure with the clerk of the Department of Environmental Protection in the Office of General Counsel (Mail Station #35, 3900 Commonwealth Boulevard, Tallahassee, Florida, 32399-3000) and by filing a

copy of the notice of appeal accompanied by the applicable filing fees with the appropriate District Court of Appeal. The notice must be filed within 30 days after this order is filed with the clerk of the Department.

Executed in Pensacola, Florida

/s/ 8/21/12

Rick Bradburn, Air Program Administrator (Date)

CERTIFICATE OF SERVICE

The undersigned duly designated deputy agency clerk hereby certifies that this Final Air Permit package (including the Final Determination and Final Permit) was sent by electronic mail (or a link to these documents made available electronically on a publicly accessible server) with received receipt requested before the close of business on August 21, 2012 to the persons listed below.

Mr. Greg Martin, Green Circle Bio Energy: gmartin@greencirclebio.com
Mr. Scott A. McCann, P.E.; Golder Associates: scottmccann@golder.com
Ms. Kathleen Forney, EPA Region 4: forney.kathleen@epa.gov
DEP Northwest District Branch Office, Panama City

Clerk Stamp

FILING AND ACKNOWLEDGMENT FILED, on this date, pursuant to Section 120.52(7), Florida Statutes, with the designated agency clerk, receipt of which is hereby acknowledged.

/s/ 8/21/12

(Clerk) (Date)

FACILITY AND PROJECT DESCRIPTION

Existing Facility

This is a wood pellet plant, comprised of a wood fiber receiving and storage area, two dryer lines, three pelleting lines and a pellet load-out area.

Logs are debarked and milled into chips. The chips are dried, ground and screened to a more consistent size. The ground wood is compressed to make wood pellets to be used as fuel. The finished pellets are loaded into railcars for shipment to customers.

Facility ID No. 0630058

ID No.	Emissions Unit Description
001	Wood Fiber Receiving and Storage Area
002	Dryer Line 1
003	Dryer Line 2
004	Pelleting Line 1
005	Pelleting Line 2
006	Pelleting Line 3
007	Bulk Load-out Area

Proposed Project

Green Circle proposes to increase hourly and annual wood pellet production from 88 tons per hour and 610,000 tons per year to 121 tons per hour and 827,000 tons per year. To accomplish this, woodyard truck traffic will increase from 180 trucks per day on a rolling monthly average to 305 trucks per day on rolling monthly average, and a green Chip Screening and Sizing Operation, a new dryer line, a new dry chip silo, up to ten new horizontal hammer mills, three new pellet mills and new pneumatic transfer systems will be constructed. The pelleting aspiration stack and pelleting cooler stack on each line will be combined as part of the project. The proposed project increases facility-wide emissions of PM/PM_{10}, NO_X, CO, VOC and SO_2 by 141.2, 122.7, 11.1, 93.3 and 0.17 tons per year, respectively.

It was determined that the Dryer Lines (EU 002, EU 003 and EU 009) are subject to 40 CFR 60 Subpart Db - Standards of Performance for Industrial-Commercial-Institutional Steam Generating Units, because a portion (11 MMBtu) of the heat generated in each Dryer Line's bark furnace (125 MMBtu) is routed to the Dryer Line Combustor's steam generator. EPA has determined that the definition of a "steam generating unit" does not require the bark burners to be used "primarily" to heat a "heat transfer medium". This places a PM limit for wood firing of 0.030 pounds per million Btu, except during periods of startup, shutdown and malfunction. Visible emissions shall not exceed 20 percent opacity (6-minute average), except for one 6-minute period per hour of not more than 27 percent opacity. PM emissions for each Dryer Line are currently being controlled by a wet electrostatic precipitator and RTO.

With respect to new source review and PSD regulations, this project is a minor modification (250 tons per year or less) to a minor stationary source (Green Circle is not in one of the 28 named source categories and potential emission of each regulated pollutant are not greater than 250 tons per year). The post project facility-wide emissions of PM/PM_{10}, NO_X, VOC, are 358.10, 367.95 336.50 tons per year, respectively. After this project is completed, Green Circle will be categorized as a major stationary source with respect to new source review and PSD regulations.

The Department has determined that with this expansion and increase in production Green Circle will become a major stationary source for HAP based on widely-accepted, conservative emissions factors for HAP and facility-specific VOC emissions factors based on previous testing. Because EPA determinations have stated that the EPA did not include dryer/steam generator systems similar to those at Green Circle in developing 40 CFR 63 Subpart DDDDD, the Department believes that 40 CFR 63 Subpart DDDDD and similarly 40 CFR 63 Subpart JJJJJJ (Boiler GACT) were not intended to regulate, and are not applicable to, the dryer/steam generator systems at Green Circle.

The facility is to undergo substantial changes in equipment configuration as well as an increase in production. Testing for PM, NOx and VOC is being required for the dryers for reasonable assurance that emissions estimates are correct and that the project's emissions increases do not exceed the 250 TPY PSD threshold for this type of facility. VOC and HAP testing will be required for the grinding and the pelletizing/coolers emissions points. Emissions limits from previous permits to keep the facility from being classified as a major stationary source for PSD have been removed as the facility will be a major stationary source after construction is complete.

This project will add and/or modify the following emissions units.

Facility ID No. 0630058

ID No.	Emissions Unit Description
001	Wood Fiber Receiving and Storage Area
002	Dryer Line 1
003	Dryer Line 2
009	NEW Dryer Line 3
004	Pelleting Line 1
005	Pelleting Line 2
006	Pelleting Line 3
007	Bulk Load-out Area

The post project emissions by process areas are as follows:

	ESTIMATED POLLUTANTS (TPY)				
PROCESS AREA	**PM/PM_{10}**	**NO_X**	**CO**	**VOC**	**SO_2**
Wood Fiber Receiving & Storage Area[2]	256.8/50.1	NA	NA	NA	NA
Dryer Line 1[4, 1]	19.90	122.65	11.10	24.10	0.17
Dryer Line 2[4, 1]	19.90	122.65	11.10	24.10	0.17
Dryer Line 3[4, 1]	19.90	122.65	11.10	24.10	0.17
Pelleting Line 1	99.23	NA	NA	88.1	NA
Pelleting Line 2	99.23	NA	NA	88.1	NA
Pelleting Line 3	99.23	NA	NA	88.1	NA
Bulk Load-out Area[3]	0.71	NA	NA	NA	NA
TOTAL **without Wood Fiber PM fugitives**	358.1	367.95	33.3	336.5	0.51

[1] SO_2 potential emission estimates are based on wood firing.
[2] Wood Fiber Receiving & Storage Area PM/PM_{10} estimated emissions are fugitive emissions.
[3] PM estimated emissions from Bulk Load-out do not increase based on manufacturers guarantee dated April 16, 2012.
[4] Dryer Line VOC estimated emissions include 0.46 TPY uncontrolled from allowed bypass stack use.

FACILITY REGULATORY CLASSIFICATION

- The facility is not a major source of hazardous air pollutants (HAP)
- The facility has no units subject to the acid rain provisions of the Clean Air Act (CAA).
- The facility is a Title V major source of air pollution in accordance with Chapter 213, F.A.C.
- The facility is not a major stationary source in accordance with Rule 62-212.400(PSD), F.A.C.

SECTION 2. ADMINISTRATIVE REQUIREMENTS

1. Permitting Authority: The permitting authority for this project is the Northwest District Air Resource Management Program, Florida Department of Environmental Protection (Department). The District's mailing address is 160 W. Government Street, Suite 308, Pensacola, Florida 32502-5740. All documents related to applications for permits to operate an emissions unit shall be submitted to the District Office at this address or by electronic mail to nwdair@dep.state.fl.us.
2. Compliance Authority: All documents related to compliance activities such as reports, tests, and notifications shall be submitted to the District Office at the above address or nwdair@dep.state.fl.us.
3. Appendices: The following Appendices are attached as part of this permit:
    a. Appendix A. Citation Formats and Glossary of Common Terms;
    b. Appendix B. General Conditions;
    c. Appendix C. Common Conditions;
    d. Appendix D. Common Testing Requirements;
    e. Appendix CMP. Compliance Monitoring Plan/Compliance Assurance Monitoring Plan; and
    f. Appendix 40 CFR 60 Db.
4. Applicable Regulations, Forms and Application Procedures: Unless otherwise specified in this permit, the construction and operation of the subject emissions units shall be in accordance with the capacities and specifications stated in the application. The facility is subject to all applicable provisions of: Chapter 403, F.S.; and Chapters 62-4, 62-204, 62-210, 62-212, 62-213, 62-296 and 62-297, F.A.C. Issuance of this permit does not relieve the permittee from compliance with any applicable federal, state, or local permitting or regulations.
5. Asbestos. This permit does not authorize any demolition or renovation of the facility or its parts or components which involves asbestos removal. This permit does not constitute a waiver of any of the requirements of Chapter 62-257, F.A.C., and 40 CFR 61, Subpart M, National Emission Standard for Asbestos, adopted and incorporated by reference in Rule 62-204.800, F.A.C. Compliance with Chapter 62-257, F.A.C., and 40 CFR 61, Subpart M, Section 61.145, is required for any asbestos demolition or renovation at the source. [40 CFR 61; Rule 62-204.800, F.A.C.; and, Chapter 62-257, F.A.C.]
6. New or Additional Conditions: For good cause shown and after notice and an administrative hearing, if requested, the Department may require the permittee to conform to new or additional conditions. The Department shall allow the permittee a reasonable time to conform to the new or additional conditions, and on application of the permittee, the Department may grant additional time. [Rule 62-4.080, F.A.C.]
7. Modifications: The permittee shall notify the Compliance Authority upon commencement of construction. No new emissions unit shall be constructed and no existing emissions unit shall be modified without obtaining an air construction permit from the Department. Such permit shall be obtained prior to beginning construction or modification. [Rules 62-210.300(1) and 62-212.300(1)(a), F.A.C.]
8. Source Obligation:
    (a) At such time that a particular source or modification becomes a major stationary source or major modification (as these terms were defined at the time the source obtained the enforceable limitation) solely by virtue of a relaxation in any enforceable limitation which was established after August 7, 1980, on the capacity of the source or modification otherwise to emit a pollutant, such as a restriction on hours of operation, then the requirements of subsections 62-212.400(4) through (12), F.A.C., shall apply to the source or modification as though construction had not yet commenced on the source or modification.

(b) At such time that a particular source or modification becomes a major stationary source or major modification (as these terms were defined at the time the source obtained the enforceable limitation) solely by exceeding its projected actual emissions, then the requirements of subsections 62-212.400(4) through (12), F.A.C., shall apply to the source or modification as though construction had not yet commenced on the source or modification.

[Rule 62-212.400(12), F.A.C.]

9. Application for Title V Permit: This permit authorizes construction of the permitted emissions units and initial operation to determine compliance with Department rules. A Title V air operation permit is required for regular operation of the permitted emissions unit. The permittee shall apply for a Title V air operation permit at least 90 days prior to expiration of this permit, but no later than 180 days after commencing operation. To apply for a Title V operation permit, the applicant shall submit the appropriate application form, compliance test results, and such additional information as the Department may by law require. The application shall be submitted to the appropriate Permitting Authority with copies to the Compliance Authority. You can obtain a permit application form or apply for permit renewal electronically at the following web address: http://www.dep.state.fl.us/air/emission/permitting.htm. [Rules 62-4.030, 62-4.050, 62-4.220 and Chapter 62-213, F.A.C.]

A. Wood Fiber Receiving and Storage Area

This section of the permit addresses the following emissions unit.

ID No.	Emissions Unit Description
001	Wood Fiber Receiving and Storage Area

Wood fiber (pulpwood logs, dry wood chips and sawmill residuals) is unloaded and stored. Logs are debarked and stored; bark is hammer-milled, screened and stored. All stored piles are conveyed for raw material and/or fuel. A Dry Wood Truck Dump allows "as-delivered" dry wood chips to be fed directly into the existing Grinding Storage Bin, bypassing the Dryer Lines and allowing for production flexibility.

This permit proposes construction of a new green Chip Screening and Sizing Operation, designed to produce a more homogeneous chip size and a new Dry Chip Silo. With a production increase from 610,000 tons per year wood pellets to 827,000 tons per year wood pellets, truck traffic increases from 180 trucks per day as a rolling 30-day average to 305 trucks per day as a rolling 30-day average. Estimated fugitive PM/PM_{10} emissions are 256.8/50.1 tons per year.

The following specific conditions apply to the emissions unit listed above:

A.1. Previous Permits: This permit supplements all previously issued air construction and operation permits for this emissions unit. Except for the change noted below, the unit remains subject to the conditions of all other legally binding air construction and operating permits. [Rules 62-4.070(3) and 62-210.300(1), F.A.C.]

A.2. New Equipment: Except for the change noted below, the new equipment authorized by this permit shall be subject to the same requirements, such as, but not limited to; emissions standards, recordkeeping, compliance testing and fuels limitations previously established for this emissions unit in all other legally binding air construction and operating permits. [Rules 62-4.070(3) and 62-210.300(1), F.A.C.]

EQUIPMENT

A.3. Chip Screening and Sizing Operation/Dry Chip Silo: The permittee is authorized to construct a new green Chip Screening and Sizing Operation and a new Dry Chip Silo. [Application No. 0630058-011-AC]

PERFORMANCE RESTRICTIONS

A.4. Permitted Capacity: The previously-permitted maximum allowable process rate of trucks per day is removed. [Rules 62-4.070(3) and 62-210.200(242) {PTE}, F.A.C., and Application No. 0630058-011-AC]

MONITORING REQUIREMENTS

A.5. The previously-permitted requirement to record daily the number of trucks that deliver wood fiber and sawmill residual (chips, sawdust, shavings) to the facility is removed. [Rule 62-4.070(3), F.A.C., and Application No. 0630058-011-AC]

RECORDS AND REPORTS

A.6. The previously-permitted requirement to maintain records of the number of trucks that deliver wood fiber and sawmill residual (chips, sawdust, shavings) to the facility with daily and year-to-date totals is removed. [Rule 62-4.070(3), F.A.C., and Application No. 0630058-011-AC]

B. Dryer Lines 1, 2 and 3

This section of the permit addresses the following emissions units.

ID No.	Emissions Unit Description
002	Dryer Line 1
003	Dryer Line 2
009	New Dryer Line 3

Each Dryer Line contains a bark fuel combustor that exhausts into a rotary drum wood chip dryer, and a steam generator. A portion (11 MMBtu/hour) of the heat generated in each Dryer Line's bark combustor (125 MMBtu/hour total heat input) is routed to each Dryer Line's steam generator. Each Dryer Line has a nameplate maximum production capacity of 80,220 pounds per hour of dried wood (9% moisture). Each Dryer exhaust flows through a fan induced drafted cyclone, a wet electrostatic precipitator and a regenerative thermal oxidizer (to control PM, NO_X and VOC emissions) and out Dryer Line 1 Exhaust Stack and Dryer Line 2 Exhaust Stack. Each Combustor has a bypass for emergencies, identified as Combustor 1 Bypass Stack and Combustor 2 Bypass Stack. Each Dryer has a bypass for emergencies, identified as Dryer 1 Bypass Stack and Dryer 2 Bypass Stack. The new Dryer Line 3 RTO will exhaust out Dryer Line 3 Exhaust Stack. The Dryer Line 3 Combustor emergency bypass is to be identified as Combustor 3 Bypass Stack and the Dryer Line 3 bypass for emergencies is to be identified as Dryer 3 Bypass Stack.

It was determined that the Dryer Lines (EU 002, EU 003 and EU 009) are subject to 40 CFR 60, Subpart Db - Standards of Performance for Industrial-Commercial-Institutional Steam Generating Units because a portion of the heat generated in each dryer line's bark combustor is routed to the line's steam generator. EPA has determined that the definition of a "steam generating unit" does not require the bark burners to be used "primarily" to heat a "heat transfer medium". This places a PM limit for wood firing of 0.030 pounds per million Btu, except during periods of startup, shutdown and malfunction. The PM limit established by the facility in permit 0630058-003-AC was less stringent than the PM limit in 40 CFR 60 Subpart Db. Visible emissions shall not exceed 20 percent opacity (6-minute average), except for one 6-minute period per hour of not more than 27 percent opacity. PM emissions are controlled by a fan induced drafted cyclone, a wet electrostatic precipitator and RTO for each Dryer Line.

The Department has determined that with this expansion and increase in production Green Circle will become a major stationary source for HAP based on widely-accepted, conservative emissions factors for HAP and facility-specific VOC emissions factors based on previous testing. Because EPA determinations have stated that the EPA did not include dryer/steam generator systems similar to those at Green Circle in developing 40 CFR 63, Subpart DDDDD, the Department believes that 40 CFR 63, Subpart DDDDD and similarly 40 CFR 63, Subpart JJJJJJ (Boiler GACT) were not intended to regulate, and are not applicable to, the dryer/steam generator systems at Green Circle.

The following specific conditions apply to the emissions unit listed above:

B.1. Previous Permits: This permit supplements all previously issued air construction and operation permits for this emissions unit. Except for the change noted below, the unit remains subject to the conditions of all other legally binding air construction and operating permits. [Rules 62-4.070(3) and 62-210.300(1), F.A.C.]

B.2. New Equipment: Except for the change noted below, the new equipment authorized by this permit shall be subject to the same requirements, such as, but not limited to; emissions standards, recordkeeping, compliance testing and fuels limitations previously established for this emissions unit in all other legally binding air construction and operating permits. [Rules 62-4.070(3) and 62-210.300(1), F.A.C.]

B. Dryer Lines 1, 2 and 3

EQUIPMENT

B.3. Dryer Line 3 (EU 009): The permittee is authorized to install new Dryer Line 3. [Application No. 0630058-011-AC]

PERFORMANCE RESTRICTIONS

B.4. Combustor Capacity: The maximum operation capacity for Combustor 3 (of Dryer Line 3) shall not exceed 125 MMBtu per hour heat input averaged over a 24-hour period. [Rules 62-4.070(3) and 62-210.200(242) {PTE}, F.A.C., and Application No. 0630058-011-AC]

B.5. Combustor 3 (of Dryer Line 3) Wood Waste/Bark Feed Rate Factor: Combustor 3 (of Dryer Line 3) hydraulic ram feeders shall not be operated at more than 51 strokes per hour on a daily average basis. [Rules 62-4.070(3) and 62-210.200(242) {PTE}, F.A.C., and Application No. 0630058-011-AC]
{Permitting Note: This maximum allowable fuel feed rate is based on 4600 Btu per pound southern yellow pine, hydraulic ram capacity of 20 cubic feet per stroke and an estimate of 11 pounds per cubic foot for wood waste/bark. The intent of this specific condition is to give reasonable assurance of compliance with the maximum allowable heat input for each dryer.}

B.6. Methods of Operation - (i.e., Fuels): Combustor 3 (of Dryer Line 3) shall be fired with carbonaceous fuel only. [Rules 62-4.070(3) and 62-213.440(1), F.A.C.]

B.7. Wet Electrostatic Precipitator (WESP) Quenching: The WESP inlet and outlet gas stream quench temperature for Dryer Line 3 shall not exceed 210°F, averaged over three hours. [Rules 62-4.070(3) and 62-210.200(242) {PTE}, F.A.C., and Application No. 0630058-011-AC]

B.8. Regenerative Thermal Oxidizer (RTO) Combustion Chamber Temperature: The RTO for Dryer Line 3 shall be operated with a combustion chamber temperature of no less than 1,440°F, averaged over three hours. [Rules 62-4.070(3) and 62-210.200(242) {PTE}, F.A.C., and Application No. 0630058-011-AC]

B.9. Hours of Operation: Dryer Line 3 is allowed to operate continuously, i.e., 8,760 hours/year. [Rules 62-4.070(3) and 62-210.200(242) {PTE}, F.A.C. and Application No. 0630058-011-AC]

EMISSIONS STANDARDS

B.10. Nitrogen Oxides - NO_X: The previously-permitted maximum allowable Nitrogen Oxides emissions limits for Dryer Lines 1 and 2 are removed. [Application No. 0630058-011-AC]

B.11. Particulate Matter: Particulate matter emissions from each of Dryer Lines 1, 2 and 3 shall not exceed 0.030 lb/MMBtu during normal operations. [Rules 62-4.070(3), F.A.C., 40 CFR 60.43b(h)(1) and Application No. 0630058-011-AC]
{Permitting Note: 0630058-003-AC had a PM limit of 19.90 tons per 12 month rolling average for each Dryer Line 1 and Dryer Line 2 to avoid PSD review and as a limit for testing to verify manufactures guarantees for pollution control equipment (wet ESP and RTO). This limit is less stringent than the 40 CFR 60 Subpart Db PM limit of 0.030 lb/MMBtu (equivalent to 16.4 TPY at the 125 MMBTU/hr heat input capacity for each Dryer Line).}

B.12. Volatile Organic Compounds: The previously-permitted maximum allowable Volatile Organic Compounds emissions limits for Dryer Lines 1 and 2 are removed. [Application No. 0630058-011-AC]

B.13. Visible Emissions: Visible emissions from Dryer Lines 1, 2, and 3, each, shall not exceed 20 percent opacity (6-minute average), except for one 6-minute period per hour of not more than 27 percent opacity. The opacity standards apply at all times, except during periods of startup, shutdown or malfunction. [40 CFR 60.43b(f) & (g) and Application No. 0630058-011-AC]

EXCESS EMISSIONS

B.14. Excess emissions resulting from startup, shut down or malfunction using Dryer Line Bypass stacks (Combustor 3 Bypass stack and Dryer Line 3 Bypass Stack) shall be allowed provided that best operational practices to minimize emissions are followed. The duration of excess emissions from Dyer Line 3 shall be minimized but in no case exceed two hours in any 24-hour period nor exceed 50 hours per 12-month rolling total for Dryer Line 3. [Rule 62-210.700(1), F.A.C., 40 CFR 60.43b(g), and Application No. 0630058-011-AC]

B.15. Combustor 3 is allowed to operate up to 1,500 hours per year in malfunction "idle mode" (defined as operation at up to a maximum heat input rate of 5 MMBtu/hr) using Combustor 3 Bypass stack. [Application No. 0630058-011-AC]

B.16. This emissions unit is subject to Section III, Subsection E, Common Conditions, Excess Emissions. [Rule 62-4.070(1) & (3), F.A.C.]

TESTING REQUIREMENTS

B.17. Initial Compliance Tests: Dryer Line 3 shall be tested to demonstrate initial compliance with emissions standards for Particulate Matter and Visible Emissions, and to verify estimates of Volatile Organic Compounds and Nitrogen Oxides. The initial tests for PM, VOC, NO_X and VE shall be conducted within 120 days after completion of construction of Dryer Line 3. The tests shall be conducted at Dryer Line 3 Exhaust Stack. Notification of compliance testing and completed test reports may be submitted by electronic mail to nwdair@dep.state.fl.us. [Rules 62-4.070(3) and 62-297.310(7)(a)1., F.A.C., and 40 CFR 60.46b(b) and (d)]

B.18. Additional Compliance Tests: Once during the Federal Fiscal year (October 1-September 30) Dryer Line 1 Exhaust Stack, Dryer Line 2 Exhaust Stack, and Dryer Line 3 Exhaust Stack shall be tested to demonstrate compliance with emissions standards for Visible Emissions. Once during the Federal Fiscal year (October 1-September 30) prior to operating permit renewal, Dryer Line 1 Exhaust Stack, Dryer Line 2 Exhaust Stack, and Dryer Line 3 Exhaust Stack shall be tested to demonstrate compliance with emissions standards for Particulate Matter and Visible Emissions, and to verify estimates of Volatile Organic Compounds and Nitrogen Oxides. Notification of compliance testing and completed test reports may be submitted by electronic mail to nwdair@dep.state.fl.us. [Rules 62-4.070(3) and 62-297.310(7)(a)4., F.A.C.]

B.19. Test Requirements: The permittee shall notify the Compliance Authority in writing at least 15 days prior to any required tests. Notification may be sent via e-mail to nwdair@dep.state.fl.us. Tests shall be conducted in accordance with the applicable requirements specified in Appendix D (Common Testing Requirements) of this permit. [Rule 62-297.310(7)(a)9., F.A.C.]

B.20. Test Methods: Required tests shall be performed in accordance with the following reference methods.

Method	Description of Method and Comments
1-4	Traverse Points, Velocity and Flow Rate, Gas Analysis, and Moisture Content
5	Method for Determining Particulate Matter Emissions
7E	Determination of Nitrogen Oxide Emissions from Stationary Sources
9	Visual Determination of the Opacity of Emissions from Stationary Sources
25A	Method for Determining Gaseous Organic Concentrations (Flame Ionization)

The above methods are described in Appendix A of 40 CFR 60 and are adopted by reference in Rules 62-204.800 and 62-297.401, F.A.C. No other methods may be used unless prior written approval is received from the Department. [Rules 62-204.800 and 62-297.401, F.A.C.; and Appendix A of 40 CFR 60]

RECORDS AND REPORTS

B.21. Operating Parameter Records: Records of the date, time, hours, total running hours, hydraulic ram feed strokes per hour on a daily average basis for each combustor, hourly WESP gas stream inlet and outlet quench temperatures, and hourly RTO combustion chamber temperatures as a three hour average shall be kept and made available for Department inspection. [Rules 62-4.070(3) and 62-213.440(1), F.A.C., and Application No. 0630058-011-AC]

B.22. Test Reports: The permittee shall prepare and submit reports for all required tests in accordance with the requirements specified in Appendix D (Common Testing Requirements) of this permit. For each test run, the report shall also indicate the dryer line combustor heat input, the dryer line combustor wood waste/bark feed rate factor, the dryer line WESP inlet and outlet gas stream quench temperatures, and the dryer line regenerative thermal oxidizer (RTO) combustion chamber temperature. [Rule 62-297.310(8), F.A.C.]

B.23. 40 CFR 60.49b - Reporting and Recordkeeping Requirements

(a) The owner or operator of each affected facility shall submit notification of the date of initial startup, as provided by 40 CFR 60.7. This notification shall include:

(1) The design heat input capacity of the affected facility and identification of the fuels to be combusted in the affected facility;

(2) N.A.

(3) The annual capacity factor at which the owner or operator anticipates operating the facility based on all fuels fired and based on each individual fuel fired; and

(4) N.A.

(b) - (c) N.A.

(d) Except as provided in paragraph (d)(2) of this section, the owner or operator of an affected facility shall record and maintain records as specified in paragraph (d)(1) of this section.

(1) The owner or operator of an affected facility shall record and maintain records of the amounts of each fuel combusted during each day and calculate the annual capacity factor individually for coal, distillate oil, residual oil, natural gas, wood, and municipal-type solid waste for the reporting period. The annual capacity factor is determined on a 12-month rolling average basis with a new annual capacity factor calculated at the end of each calendar month.

(2) As an alternative to meeting the requirements of paragraph (d)(1) of this section, the owner or operator of an affected facility that is subject to a federally enforceable permit restricting fuel use to a single fuel such that the facility is not required to continuously monitor any emissions (excluding opacity) or

parameters indicative of emissions may elect to record and maintain records of the amount of each fuel combusted during each calendar month.

(e) - (n) N.A.

(o) All records required under this section shall be maintained by the owner or operator of the affected facility for a period of 2 years following the date of such record.

(p) - (y) N.A.

COMPLIANCE ASSURANCE MONITORING (CAM) REQUIREMENTS

B.24. These emissions units are subject to the Compliance Assurance Monitoring (CAM) requirements contained in the approved Compliance Monitoring Plan. Failure to adhere to the monitoring requirements specified does not necessarily indicate an exceedance of a specific emissions limitation; however, it may constitute good reason to require compliance testing pursuant to Rule 62-297.310(7)(b), F.A.C. This permit has many changes that need to be incorporated into the Compliance Monitoring Plan and Compliance Assurance Monitoring Plan. Provide an updated Compliance Monitoring Plan and an updated CAM Plan within 120 days of issuance of this permit for Department review and approval. [40 CFR 64 and Application No. 0630058-011-AC]

ALTERNATIVE MONITORING OPTION UNDER 40 CFR 60 SUBPART Db - Standards of Performance for Industrial-Commercial-Institutional Steam Generating Units

<u>40 CFR 60 Subpart Db CEMS Option</u> - An owner or operator of an affected facility may elect to install, calibrate, maintain, and operate a continuous emissions monitoring system (CEMS), if subject to measuring PM emissions according to the requirements of 40 CFR 60 Subpart Db and if subject to a federally enforceable PM limit of 0.030 lb/MMBtu or less, in order to be exempt from the opacity standard specified in 40 CFR 60.43b(f). If CEMS for PM is elected, the facility shall be subject to the conditions below.

B.25. Per 40 CFR 60.46b (j), in place of PM testing with Method 5 or 5B of Appendix A-3 of this part, or Method 17 of Appendix A-6 of this part, an owner or operator may elect to install, calibrate, maintain, and operate a CEMS for monitoring PM emissions discharged to the atmosphere and record the output of the system. The owner or operator of an affected facility who elects to continuously monitor PM emissions instead of conducting performance testing using Method 5 or 5B of Appendix A-3 of this part or Method 17 of Appendix A-6 of this part shall comply with the requirements specified in paragraphs (j)(1) through (j)(14) of this section.

(1) Notify the Administrator one month before starting use of the system.

(2) Notify the Administrator one month before stopping use of the system.

(3) The monitor shall be installed, evaluated, and operated in accordance with 40 CFR 60.13 of Subpart A of this part.

(4) The initial performance evaluation shall be completed no later than 180 days after the date of initial startup of the affected facility, as specified under 40 CFR 60.8 of Subpart A of this part or within 180 days of notification to the Administrator of use of the CEMS if the owner or operator was previously determining compliance by Method 5, 5B, or 17 of Appendix A of this part performance tests, whichever is later.

(5) The owner or operator of an affected facility shall conduct an initial performance test for PM emissions as required under 40 CFR 60.8 of Subpart A of this part. Compliance with the PM emission limit shall be determined by using the CEMS specified in paragraph (j) of this section to measure PM and calculating a 24-hour block arithmetic average emission concentration using EPA Reference Method 19 of Appendix A of this part, section 4.1.

(6) Compliance with the PM emission limit shall be determined based on the 24-hour daily (block) average of the hourly arithmetic average emission concentrations using CEMS outlet data.
(7) At a minimum, valid CEMS hourly averages shall be obtained as specified in paragraphs (j)(7)(i) of this section for 75 percent of the total operating hours per 30-day rolling average.

(i) At least two data points per hour shall be used to calculate each 1-hour arithmetic average.
(ii) [Reserved]

(8) The 1-hour arithmetic averages required under paragraph (j)(7) of this section shall be expressed in ng/J or lb/MMBtu heat input and shall be used to calculate the boiler operating day daily arithmetic average emission concentrations. The 1-hour arithmetic averages shall be calculated using the data points required under 40 CFR 60.13(e)(2) of Subpart A of this part.
(9) All valid CEMS data shall be used in calculating average emission concentrations even if the minimum CEMS data requirements of paragraph (j)(7) of this section are not met.
(10) The CEMS shall be operated according to Performance Specification 11 in Appendix B of this part.
(11) During the correlation testing runs of the CEMS required by Performance Specification 11 in Appendix B of this part, PM and O_2 (or CO_2) data shall be collected concurrently (or within a 30-to 60-minute period) by both the continuous emission monitors and performance tests conducted using the following test methods.

(i) For PM, Method 5 or 5B of Appendix A-3 of this part or Method 17 of Appendix A-6 of this part shall be used; and
(ii) For O_2 (or CO_2), Method 3A or 3B of Appendix A-2 of this part, as applicable shall be used.

(12) Quarterly accuracy determinations and daily calibration drift tests shall be performed in accordance with procedure 2 in Appendix F of this part. Relative Response Audit's must be performed annually and Response Correlation Audits must be performed every 3 years.
(13) When PM emissions data are not obtained because of CEMS breakdowns, repairs, calibration checks, and zero and span adjustments, emissions data shall be obtained by using other monitoring systems as approved by the Administrator or EPA Reference Method 19 of Appendix A of this part to provide, as necessary, valid emissions data for a minimum of 75 percent of total operating hours per 30-day rolling average.
(14) As of January 1, 2012, and within 90 days after the date of completing each performance test, as defined in 40 CFR 60.8, conducted to demonstrate compliance with this subpart, you must submit relative accuracy test audit (i.e., reference method) data and performance test (i.e., compliance test) data, except opacity data, electronically to EPA's Central Data Exchange (CDX) by using the Electronic Reporting Tool (ERT) (see *http://www.epa.gov/ttn/chief/ert/ert_tool.html/*) or other compatible electronic spreadsheet. Only data collected using test methods compatible with ERT are subject to this requirement to be submitted electronically into EPA's WebFIRE database.

B.26. <u>40 CFR 60.48b - Emission monitoring for particulate matter with CEMS</u> - Per 40 CFR 60.48b(k), owners or operators complying with the PM emission limit by using a PM CEMS must calibrate, maintain, operate, and record the output of the system for PM emissions discharged to the atmosphere as specified in 40 CFR 60.46b(j). The CEMS specified in paragraph 40 CFR 60.46b(j) shall be operated and data recorded during all periods of operation of the affected facility except for CEMS breakdowns and repairs. Data is recorded during calibration checks, and zero and span adjustments.

C. Pelleting Lines 1, 2 and 3

This section of the permit addresses the following emissions units.

ID No.	Emissions Unit Description
004	Pelleting Line 1
005	Pelleting Line 2
006	Pelleting Line 3

This subsection is for the operation of Pelleting Lines 1, 2 and 3, currently having a combined maximum process rate of 88.1 tons of pellets per hour, and 610,000 tons per year. Pelleting Lines 1 and 3 have eight vertical hammer mills each and Pelleting Line 2 has ten vertical hammer mills. The hammer mills accurately grind the dry wood chips to under 4 mm (0.16") in size. The ground wood fiber is conveyed to three sealed storage and metering bins each with a capacity of approximately 40 tons. A ventilation system in the grinding and pellet storage bins helps minimize condensation. Steam is carefully applied to soften the wood fiber as it is drawn into the Pelletizer. Each Pelleting Line has five pellet mills. The wood fiber is compressed by the Pelletizer rotating press rolls, exiting through the sizing die. The resultant heat of friction activates the wood lignin as the wood is compressed, effectively bonding the wood fiber into a durable pellet. Pellets exiting the Pelletizer mills are conveyed via sealed chain conveyor to a counter flow pellet cooler.

This permit replaces the 26 vertical hammer mills with up to ten new horizontal hammer mills and adds three new pellet mills, for a total of 18 pellet mills. New pneumatic transfer systems will be installed to transfer ground wood from each new horizontal hammer mill to new inherent process equipment consisting of a cyclone designed to separate ground wood from pneumatic transfer air and remove excess moisture generated during milling, and a dust collector to control PM_{10} entrained in the pneumatic transfer air for each new horizontal hammer mill. The dust collectors for the horizontal hammer mills are identified as Hammer Mill No. 1 Dust Collector Stack, Hammer Mill No. 2 Dust Collector Stack, Hammer Mill No. 3 Dust Collector Stack, Hammer Mill No. 4 Dust Collector Stack, Hammer Mill No. 5 Dust Collector Stack, Hammer Mill No. 6 Dust Collector Stack, Hammer Mill No. 7 Dust Collector Stack, Hammer Mill No. 8 Dust Collector Stack, Hammer Mill No. 9 Dust Collector Stack and Hammer Mill No. 10 Dust Collector Stack. This project includes removing the existing pelleting aspiration dust collector and venting this exhaust stream to the cooler exhaust stream for each pelleting line. PM emissions from the combined streams will be controlled by the existing twin cyclones on each line. Only the cooler stack for each pelleting line will exist after the project. Each Pelleting Line has a Pellet Cooler, twin cyclones, single ID fan and an exhaust stack (Identified as Pelleting Line 1 Exhaust Stack, Pelleting Line 2 Exhaust Stack and Pelleting Line 3 Exhaust Stack). Pelleting production will increase to 121 tons per hour and 827,000 tons per year.

Combined Pelleting Lines emit the following air pollutants:
PM/PM_{10} - 297.7 tons per year potential emissions based on manufacturer guarantees.
VOC – 264.3 tons per year potential emissions based on the VOC emission factor of 0.639 pounds per ton of pellets produced resulting from stack testing. Note: this testing did not include hammermills or coolers.

The following specific conditions apply to the emissions units listed above:

C.1. Previous Permits: This permit supplements all previously issued air construction and operation permits for this emissions unit. Except for the change noted below, the unit remains subject to the conditions of all other legally binding air construction and operating permits. [Rules 62-4.070(3) and 62-210.300(1), F.A.C.]

C.2. New Equipment: Except for the change noted below, the new equipment authorized by this permit shall be subject to the same requirements, such as, but not limited to; emissions standards, recordkeeping,

compliance testing and fuels limitations previously established for this emissions unit in all other legally binding air construction and operating permits. [Rules 62-4.070(3) and 62-210.300(1), F.A.C.]

EQUIPMENT

C.3. Equipment Name: The permittee is authorized to install up to ten new horizontal hammer mills, three new pellet mills, a new pneumatic transfer system for each new horizontal hammer mill, and to remove the existing pelleting lines' aspiration dust collectors and venting their exhaust stream to the cooler exhaust stream for each pelleting line. [Application No. 0630058-011-AC]

PERFORMANCE RESTRICTIONS

C.4 Hourly Capacity: The previously-permitted maximum allowable limits on hourly pellet production for the Pelleting Lines are removed. For testing purposes only, the combined hourly pellet production for the Pelleting Lines is 121 tons per hour, on a 4-hour average basis calculated during testing. [Rules 62-4.070(3) and 62-210.200(242) {PTE}, F.A.C., and Application No. 0630058-011-AC]

C.5. Annual Capacity: The previously-permitted maximum allowable limits for annual production of wood pellets for the Pelleting Lines are removed. [Rules 62-4.070(3), and 62-210.200(242) {PTE}, F.A.C., and Application No. 0630058-011-AC]

EMISSIONS STANDARDS

C.6. Particulate Matter (PM): The previously-permitted maximum allowable emissions limits for particulate matter emissions from the Pelleting Lines are removed. [Rule 62-4.070(3), F.A.C., and Application No. 0630058-011-AC]

C.7 The previously permitted visible emissions limits are removed. The general VE limit of 20% remains applicable. [Rules 62-4.070(1) & (3), F.A.C.]

C.8 Volatile Organic Compounds (VOC): The previously-permitted maximum allowable emissions limits for Volatile Organic Compound emissions from the Pelleting Lines are removed. [Rule 62-4.070(3), F.A.C., and Application No. 0630058-011-AC]

TESTING REQUIREMENTS

C.9. Initial Tests: The Hammermills and Pelleting Lines shall be tested to verify emissions estimates for Volatile Organic Compounds, Hazardous Air Pollutants (specifically methanol, formaldehyde and acetaldehyde) and Particulate Matter. The initial tests shall be conducted within 120 days after completion of construction. The tests shall be conducted at one of horizontal Hammer Mill Stacks one through ten, and one of the Pelleting Lines Exhaust Stacks one through three. Permittee shall choose the test stacks, based on knowledge of the process and operating conditions during testing, to be the best example of the equipment running at full capacity. Notification of compliance testing and completed test reports may be submitted by electronic mail to nwdair@dep.state.fl.us. [Rules 62-4.070(3), 62-210.370(1) &(2)(d)1, and 62-212.300(1)(e), F.A.C.]

C.10. Additional Tests: Annual tests to verify emissions estimates for Volatile Organic Compounds, Hazardous Air Pollutants (specifically methanol, formaldehyde and acetaldehyde) and Particulate Matter shall be conducted for five years after the effective date of this permit on one of horizontal Hammer Mill Stacks one

through ten, and one of the Pelleting Lines Exhaust Stacks one through three. Permittee shall choose the test stacks, based on knowledge of the process and operating conditions during testing, to be the best example of the equipment running at full capacity. Notification of testing and completed test reports may be submitted by electronic mail to nwdair@dep.state.fl.us. [Rules 62-4.070(3), 62-210.370(1) &(2)(d)1, and 62-212.300(1)(e), F.A.C.]

C.11. Test Requirements: The permittee shall notify the Compliance Authority in writing at least 15 days prior to any required tests. Notification may be sent via e-mail to nwdair@dep.state.fl.us. Tests shall be conducted in accordance with the applicable requirements specified in Appendix D (Common Testing Requirements) of this permit. [Rule 62-297.310(7)(a)9., F.A.C.]

C.12. Test Methods: Required tests shall be performed in accordance with the following reference methods.

Method	Description of Method and Comments
1-4	Traverse Points, Velocity and Flow Rate, Gas Analysis, and Moisture Content
5	Method for Determining Particulate Matter Emissions
25A	Method for Determining Gaseous Organic Concentrations (Flame Ionization)
320	Vapor Phase Organic and Inorganic Emissions by Extractive FTIR, (for methanol, formaldehyde and acetaldehyde)

The above methods are described in Appendix A of 40 CFR 60 and are adopted by reference in Rules 62-204.800 and 62-297.401, F.A.C. No other methods may be used unless prior written approval is received from the Department. [Rules 62-204.800 and 62-297.401, F.A.C.; and Appendix A of 40 CFR 60]

MONITORING REQUIREMENTS

C.13. Pelleting Lines 1, 2 and 3 Production During Testing: Verification of emissions estimates for the Pelleting Lines shall be demonstrated with records of the bulk load-out process rate measured in tons of pellets per hour averaged over the time that compliance testing is conducted. Records shall be submitted with the emissions test reports. [Rule 62-4.070(3), F.A.C., and Application No. 0630058-011-AC]

C.14. This emissions unit is subject to Section III, Subsection E, Common Conditions, Monitoring of Operations. [Rules 62-4.070(1) & (3), F.A.C.]

RECORDS AND REPORTS

C.15. This emissions unit is subject to Section III, Subsection E, Common Conditions, Recordkeeping and Reporting. [Rule 62-4.070(1) & (3), F.A.C.]

COMPLIANCE ASSURANCE MONITORING (CAM) REQUIREMENTS

C.16. These emissions units are not subject to the Compliance Assurance Monitoring (CAM) requirements contained in the approved Compliance Monitoring Plan (attached) because this permit removes the PM emissions limit. Provide an updated Compliance Monitoring Plan and an updated CAM Plan within 120 days of issuance of this permit for Department review and approval. [40 CFR 64 and Application No. 0630058-011-AC]

D. Bulk Load-out Area

This section of the permit addresses the following emissions unit.

ID No.	Emissions Unit Description
007	Bulk Load-out Area

Pellets are transported to two storage bins, each with a capacity of 94 tons, and located above the rail car loading area. The bins provide up to about two hours of pellet storage and uniformly meter out the pellets for rail car loading. All conveyors are sealed with dust aspiration air directed to a Buhler dust filter system, exhausting through the Bulk Load-out Exhaust Stack.

The Bulk Load-out Area has PM/PM_{10} emissions of 0.71 tons per year based on the dust filter system manufacturers' guarantee.

This permit increases the maximum allowable process rate from 88.8 tons of pellets per hour averaged over a 24-hour period to 121 tons of pellets per hour averaged over a 24-hour period. PM/PM_{10} emissions do not increase based on manufacturer guarantee in a letter dated April 16, 2012 and included with the permit application.

The following specific conditions apply to the emissions unit listed above:

D.1. Previous Permits: This permit supplements all previously issued air construction and operation permits for this emissions unit. Except for the change noted below, the unit remains subject to the conditions of all other legally binding air construction and operating permits. [Rules 62-4.070(3) and 62-210.300(1), F.A.C.]

PERFORMANCE RESTRICTIONS

D.2. Permitted Capacity: The permitted maximum allowable facility production rate is 827,000 tons of pellets per year. The permitted maximum allowable hourly rate for testing purposes is 121 tons of pellets per hour averaged over the testing period. [Rules 62-4.070(3), 62-210.200(242) {PTE}, 62-210.200(194), and 62-212.400(2)(a)3., F.A.C., and Application No. 0630058-011-AC]
{Permitting Note: The facility annual production limit is intended to provide reasonable assurance that facility-wide emissions increases from this project do not equal or exceed the 250 tons per year PSD threshold}

D.3. Hours of Operation: This emissions unit is allowed to operate continuously, i.e., 8,760 hours/year. [Rules 62-4.070(3) and 62-210.200(242) {PTE}, F.A.C.]

EMISSIONS STANDARDS

D.4 Visible Emissions: The previously permitted visible emissions limits are removed. The general VE limit of 20% remains applicable. [Rules 62-4.070(1) & (3), F.A.C.]

EXCESS EMISSIONS

D.5. This emissions unit is subject to Section III, Subsection E, Common Conditions, Excess Emissions. [Rules 62-4.070(1) & (3), F.A.C.]

D. Bulk Load-out Area

TESTING REQUIREMENTS

D.6. The previously permitted visible emissions testing requirement is removed. [Rules 62-4.070(3), 62-297.310(7) and 62-297.401(9), F.A.C.]

MONITORING REQUIREMENTS

D.7. This emissions unit is subject to Section III, Subsection E, Common Conditions, Monitoring of Operations. [Rules 62-4.070(1) & (3), F.A.C.]

RECORDS AND REPORTS

D.8. Permittee shall maintain records of the bulk load-out process rate measured in tons of pellets per hour averaged over a 24-hour period, calculated daily, and twelve-month rolling totals of tons of pellets per year. Records shall be kept and made available for Department inspection. [Rule 62-4.070(3), F.A.C., and Application No. 0630058-011-AC]

Section III. Emissions Unit(s) and Conditions

Subsection E. This section addresses Common Conditions

EU I.D.	Brief Description
001	Wood Fiber Receiving and Storage Area
002	Dryer Line 1
003	Dryer Line 2
009	Dryer Line 3
004	Pelleting Line 1
005	Pelleting Line 2
006	Pelleting Line 3
007	Bulk Load-out Area

MONITORING REQUIREMENTS

E.1. Permittee shall follow and maintain an approved by the Department compliance monitoring plan (CMP). The CMP shall contain established operating, monitoring and recordkeeping procedures for determining compliance with permit requirements for each emissions unit. Portions of the CMP approved by the Department shall be included in the operation permit at the Department's discretion. The Department may add parameters and recording frequencies deemed necessary to assure compliance and best management practices. [Rule 62-4.070(3), F.A.C., and permit 0630058-003-AC]
{Permitting Note: The CMP can have the CAM plan included if the CMP specifically indicates that the CAM plan is included in the CMP.}

EXCESS EMISSIONS

E.2. Excess emissions resulting from startup, shut down or malfunction shall be permitted provided that best operational practices to minimize emissions are adhered to and the duration of excess emissions shall be minimized but in no case exceed two hours in any 24-hour period unless specifically authorized by the Department for longer duration. Excess emissions which are caused entirely or in part by poor maintenance, poor operation, or any other equipment or process failure which may reasonably be prevented during startup, shut down or malfunction shall be prohibited. In case of excess emissions resulting from malfunctions, each owner or operator shall notify the in accordance with Rule 62-4.130, F.A.C. A full written report on the malfunctions shall be submitted in a quarterly report, if requested by the Department. [Rule 62-210.700(1), (4) & (6), F.A.C.]

RECORDS AND REPORTS

E.3. Daily averages are to be made available daily for Department inspection. Verified 30-day, 365-day and 12-month rolling periods' calculated values shall be current and made available no later than 15 days following the end of each calendar month. [Rule 62-4.070(3), F.A.C.]

E.4. This information shall be maintained at the facility for a minimum of five years and made available for Department inspection upon request. [Rule 62-4.070(3), F.A.C.]

E.5 Test Reports
(a) The owner or operator of an emissions unit for which a compliance or emissions estimate verification test is required shall file a report with the Department on the results of each such test.

(b) The required test report shall be filed with the Department as soon as practical but no later than 45 days after the last sampling run of each test is completed.
(c) The test report shall provide sufficient detail on the emissions unit tested and the test procedures used to allow the Department to determine if the test was properly conducted and the test results properly computed. As a minimum, the test report, other than for an EPA or DEP Method 9 test, shall provide the following information:

1. The type, location, and designation of the emissions unit tested.
2. The facility at which the emissions unit is located.
3. The owner or operator of the emissions unit.
4. The normal type and amount of fuels used and materials processed, and the types and amounts of fuels used and material processed during each test run.
5. The means, raw data and computations used to determine the amount of fuels used and materials processed, if necessary to determine compliance with an applicable emission limiting standard.
6. The type of air pollution control devices installed on the emissions unit, their general condition, their normal operating parameters (pressure drops, total operating current and GPM scrubber water), and their operating parameters during each test run.
7. A sketch of the duct within 8 stack diameters upstream and 2 stack diameters downstream of the sampling ports, including the distance to any upstream and downstream bends or other flow disturbances.
8. The date, starting time and duration of each sampling run.
9. The test procedures used, including any alternative procedures authorized pursuant to Rule 62-297.620, F.A.C. Where optional procedures are authorized in this chapter, indicate which option was used.
10. The number of points sampled and configuration and location of the sampling plane.
11. For each sampling point for each run, the dry gas meter reading, velocity head, pressure drop across the stack, temperatures, average meter temperatures and sample time per point.
12. The type, manufacturer and configuration of the sampling equipment used.
13. Data related to the required calibration of the test equipment.
14. Data on the identification, processing and weights of all filters used.
15. Data on the types and amounts of any chemical solutions used.
16. Data on the amount of pollutant collected from each sampling probe, the filters, and the impingers, are reported separately for the compliance test.
17. The names of individuals who furnished the process variable data, conducted the test, analyzed the samples and prepared the report.
18. All measured and calculated data required to be determined by each applicable test procedure for each run.
19. The detailed calculations for one run that relate the collected data to the calculated emission rate.
20. The applicable emission standard and the resulting maximum allowable emission rate for the emissions unit, plus the test result in the same form and unit of measure.
21. A certification that, to the knowledge of the owner or his authorized agent, all data submitted are true and correct. When a compliance test is conducted for the Department or its agent, the person who conducts the test shall provide the certification with respect to the test procedures used. The owner or his authorized agent shall certify that all data required and provided to the person conducting the test are true and correct to his knowledge.

[Rule 62-297.310(8), F.A.C.]