

Memorandum

Florida Department of Environmental Protection

TO: Joseph Kahn, Division of Air Resource Management
THROUGH: Trina Vielhauer, Bureau of Air Regulation
Jon Holtom, Title V Section *JH*
FROM: Tom Cascio *Tom*
DATE: March 2, 2010
SUBJECT: Title V Air Operation Permit Revision No. 1050216-013-AV
Wheelabrator Ridge Energy, Inc.
Ridge Generating Station
Final Title V Air Operation Permit Revision

The final permit revision for this project is attached for your approval and signature.

The attached Final Determination identifies issuance of the draft/proposed Title V air operation permit revision, and summarizes the publication process. There were no comments received from the applicant, the public or EPA in response to the draft/proposed permit revision during the review period.

I recommend your approval of the attached final permit revision for this project.

Attachments

NOTICE OF FINAL PERMIT REVISION

In the Matter of an
Application for Permit Revision by:

Wheelabrator Ridge Energy, Inc.
3131 K-Ville Avenue
Auburndale, Florida 33823

Permit Revision No. 1050216-013-AV
Ridge Generating Station
Title V Air Operation Permit Revision
Polk County

Responsible Official:

Mr. Rodney Williams, Plant Manager

Enclosed is the final permit package to revise the Title V air operation permit for the Ridge Generating Station by removing the Clean Air Interstate Rule (CAIR) Part Form from the permit. The existing facility is located in Polk County at 3131 K-Ville Avenue, Auburndale, Florida. This permit revision is issued pursuant to Chapter 403, Florida Statutes.

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 Tallahassee, Florida.



Trina L. Vielhauer, Chief
Bureau of Air Regulation

TLV/jkh/tbc

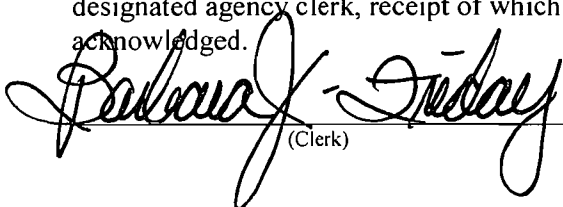
CERTIFICATE OF SERVICE

The undersigned duly designated deputy agency clerk hereby certifies that this Notice of Final Permit Revision (including the Final Permit Revision and Final Determination), or a link to these documents available electronically on a publicly accessible server, was sent by electronic mail with received receipt requested to the persons listed below:

- Mr. Rodney Williams, Plant Manager, Ridge Generating Station: rwilliam@wm.com
- Mr. Tom Rogers, DEP – OPAPM: tom.rogers@dep.state.fl.us
- Ms. Cindy Zhang-Torres, DEP – SWD: cindy.zhang-torres@dep.state.fl.us
- Ms. Katy Forney, U.S. EPA Region 4: forney.kathleen@epamail.epa.gov
- Ms. Ana Oquendo, EPA Region 4: oquendo.ana@epamail.epa.gov
- Ms. Barbara Friday, DEP - BAR: barbara.frday@dep.state.fl.us (for posting with U.S. EPA, Region 4)
- Ms. Victoria Gibson, DEP - BAR: victoria.gibson@dep.state.fl.us (for reading file)

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.

 3/8/10
(Clerk) (Date)

FINAL DETERMINATION

PERMITTEE

Wheelabrator Ridge Energy, Inc.
3131 K-Ville Avenue
Auburndale, Florida 33823

PERMITTING AUTHORITY

Florida Department of Environmental Protection (Department)
Division of Air Resource Management
Bureau of Air Regulation, Title V Section
2600 Blair Stone Road, MS #5505
Tallahassee, Florida 32399-2400

PROJECT

Permit Revision No. 1050216-013-AV
Ridge Generating Station

The purpose of this project is to revise the Title V air operation permit for the above referenced facility by removing the Clean Air Interstate Rule (CAIR) Part Form from the permit.

NOTICE AND PUBLICATION

The Department distributed an Intent to Issue a Title V Air Operation Permit Revision package on December 22, 2009. The applicant published the Public Notice of Intent to Issue a Title V Air Operation Permit Revision in the News Chief on January 4, 2010. The Department received the proof of publication on January 15, 2010. The intent package included a draft/proposed permit document.

COMMENTS

No comments on the draft/proposed Title V air operation permit revision were received from the applicant, the public or the EPA Region 4 Office.

CONCLUSION

The final action of the Department is to issue the final Title V air operation permit revision with no changes.

STATEMENT OF BASIS

Wheelabrator Ridge Energy Inc.
Ridge Generating Station
Facility ID No.: 1050216
Polk County

Title V Air Operation Permit Revision
Final Permit Revision Project No.: 1050216-013-AV
Revision to Title V Air Operation Permit No.: 1050216-008-AV

The Title V Air Operation Permit Renewal, No. 1050216-008-AV, was issued and effective on 03/15/2006. This Title V Air Operation Permit Revision is issued under the provisions of Chapter 403, Florida Statutes (F.S.), and Florida Administrative Code (F.A.C.) Chapters 62-4, 62-210 and 62-213. The above named permittee is hereby authorized to operate the facility shown on the application and approved drawing(s), plans, and other documents, attached hereto or on file with the permitting authority, in accordance with the terms and conditions of this permit.

The purpose of this permit revision is to remove the Clean Air Interstate Rule (CAIR) Part Form (DEP Form No. 62-210.900(1)(b)) which was added in revision Project Number 1050215-012-AV from the Title V air operation permit for the Ridge Generating Station because of the facility's eligibility for exemption. In addition, this revision corrects the Risk Management Plan (RMP) Reporting Center mailing address and phone number.

The Ridge Generating Station facility, located in Auburndale, Polk County, is an electric power generation facility with a capacity of 50 megawatts of generator output. This facility consists of one boiler firing wood, yard waste, landfill gas, and tires; a lime silo; an ash handling system; a fuel building; and associated insignificant emission sources/activities. Emissions from the boiler are controlled by a fabric filter baghouse, spray dryer absorber and a selective non-catalytic reduction (SNCR) system. The boiler is subject to new source performance standards (NSPS) 40 CFR 60 Subpart Db. Compliance assurance monitoring (CAM) applies to the boiler's baghouse particulate matter control device.

Also included in this permit are miscellaneous unregulated/insignificant emissions units and/or activities.

Based on the Title V permit renewal application received February 18, 2004, this facility is not a major source of hazardous air pollutants (HAP).

Wheelabrator Ridge Energy, Inc.
Ridge Generating Station
Facility ID No.: 1050216
Polk County

Title V Air Operation Permit Revision
Final Permit Revision No.: 1050216-013-AV
Revision to Title V Air Operation Permit No.: 1050216-008-AV

Permitting Authority:

State of Florida
Department of Environmental Protection
Division of Air Resource Management
Bureau of Air Regulation
Title V Section
2600 Blair Stone Road
Mail Station #5505
Tallahassee, Florida 32399-2400
Telephone: (850) 488-0114
Fax: (850) 921-9533

Compliance Authority:

Florida Department of Environmental Protection
Southwest District
13051 N. Telecom Parkway
Temple Terrace, Florida 33637-0926
Telephone: 813/632-7600
Fax: 813/632-7668

Title V Air Operation Permit Revision
 Final Permit Revision No.: 1050216-013-AV

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Florida Department of Environmental Protection

Bob Martinez Center
2600 Blair Stone Road
Tallahassee, Florida 32399-2400

Charlie Crist
Governor

Jeff Kottkamp
Lt. Governor

Michael W. Sole
Secretary

Permittee:
Wheelabrator Ridge Energy, Inc.
3131 K-Ville Avenue
Auburndale, FL 33823

Final Permit No.: 1050216-013-AV
Facility ID No.: 1050216
SIC Nos.: 49,4911
Project: Title V Air Operation Permit Revision
Ridge Generating Station

This permit is for the operation of Wheelabrator Ridge Energy Inc.'s Ridge Generating Station. This facility is located at 3131 K-Ville Avenue, Auburndale, Polk County; UTM Coordinates: Zone 17, 416.7 km East and 3100.54 km North; Latitude: 28° 01' 38.9" North and Longitude: 81° 50' 51" West.

This Title V air operation permit revision is issued under the provisions of Chapter 403, Florida Statutes (F.S.) and Florida Administrative Code (F.A.C.) Chapters 62-4, 62-210, and 62-213. The above named permittee is hereby authorized to perform the work or operate the facility shown on the application and approved drawing(s), plans, and other documents, attached hereto or on file with the permitting authority, in accordance with the terms and conditions of this permit.

Referenced attachments made a part of this permit:

- Appendix U-1, List of Unregulated Emission Units and/or Activities.
- Appendix I-1, List of Insignificant Emissions Units and/or Activities
- Appendix TV-6, Title V Conditions (*version dated 6/23/06*)
- Appendix CAM – Compliance Assurance Monitoring Requirements (*for EU 001*)
- Appendix NSPS 40 CFR 60 Subpart Db (Standards of Performance for Industrial-Commercial-Institutional Steam Generating Units)
- Appendix NSPS 40 CFR 60 Subpart A (General Provisions for 40 CFR 60)
- Appendix SS-1, Stack Sampling Facilities (*version dated 10/07/96*)
- Table 297.310-1, Calibration Schedule (*version dated 10/07/96*)
- Figure 1 - Summary Report - Gaseous and Opacity Excess Emission and Monitoring System Performance (*version dated 7/94*)

1050216-008-AV Effective Date: 03/15/2006
1050216-010-AV Revision Effective Date: 08/2/2008
1050216-012-AV Revision Effective Date: 09/8/2009
1050216-013-AV Revision Effective Date: 02/28/2010
Renewal Application Due Date: 08/01/2010
Expiration Date: 03/14/2011

FLORIDA DEPARTMENT OF
ENVIRONMENTAL PROTECTION

Joseph Kahn, Director
Division of Air Resource Management

Section I. Facility Information.

Subsection A. Facility Description.

Wheelabrator Ridge Energy Inc. is an electric power generation facility with a capacity of 50 megawatts of generator output. This facility consists of one boiler firing wood, yard waste, landfill gas, and tires, as well as one lime storage building and one ash handling system.

Also included in this permit are miscellaneous insignificant emissions units and/or activities.

Based on the Title V permit renewal and construction modification application received on February 18, 2004, this facility is a not a major source of hazardous air pollutants (HAPs).

Subsection B. Summary of Emissions Unit (EU) ID No(s). and Brief Description(s).

Regulated Emissions Units and/or Activities:

<u>EU ID No.</u>	<u>Brief Description</u>
001	Multi-fuel Steam Boiler
003	Lime Storage Building

Unregulated Emissions Units and/or Activities:

<u>EU ID No.</u>	<u>Brief Description</u>
002	Ash Handling System

Note: Please reference the Permit No., Facility ID No., and appropriate Emissions Unit(s) ID No(s). on all correspondence, test report submittals, applications, etc.

Subsection C. Relevant Documents.

The documents listed below are not a part of this permit; however, they are specifically related to this permitting action.

These documents are provided to the permittee for information purposes only:

- Table 1-1, Summary of Air Pollutant Standards and Terms
- Table 2-1, Summary of Compliance Requirements
- Appendix A-1, Abbreviations, Acronyms, Citations, and Identification Numbers
- Appendix H-1, Permit History
- Statement of Basis

These documents are on file with permitting authority:

Title V Permit Revision Application received 12/3/2009.

{Permitting Note: The effective date of the following Facility-wide and Emissions Unit conditions is March 14, 2006, as shown on page 1 of this permit, unless otherwise noted.}

Section II. Facility-wide Conditions.

The following conditions apply facility-wide:

1. APPENDIX TV-6, TITLE V CONDITIONS, is a part of this permit.

(Permitting Note: APPENDIX TV-6, TITLE V CONDITIONS, is distributed to the permittee only. Other persons requesting copies of these conditions shall be provided one copy when requested or otherwise appropriate.)

2. *(Not federally enforceable)* General Pollutant Emission Limiting Standards: Objectionable Odor Prohibited - No person shall cause, suffer, allow, or permit the discharge of air pollutants which cause or contribute to an objectionable odor. An objectionable odor is any odor present in the outdoor atmosphere which by itself or in combination with other odors, is or may be harmful or injurious to human health or welfare, which unreasonably interferes with the comfortable use and enjoyment of life or property, or which creates a nuisance.

[Rules 62-296.320(2) and 62-210.200 (Definition of Objectionable Odor), F.A.C.]

3. General Particulate Emission Limiting Standards: General Visible Emissions Standard - Except for emissions units that are subject to a particulate matter or opacity limit set forth or established by rule and reflected by conditions in this permit, no person shall cause, let, permit, suffer or allow to be discharged into the atmosphere the emissions of air pollutants from any activity, the density of which is equal to or greater than that designated as Number 1 on the Ringelmann Chart (20 percent opacity). EPA Method 9 is the method of compliance pursuant to Chapter 62-297, F.A.C.

[Rules 62-296.320(4)(b), F.A.C.]

4. Prevention of Accidental Releases (Section 112(r) of CAA) -

- a. The permittee shall submit its Risk Management Plan (RMP) to the Chemical Emergency Preparedness and Prevention Office (CEPPO) RMP Reporting Center when, and if, such requirement becomes applicable. Any Risk Management Plans, original submittals, revisions or updates to submittals, should be sent to:

RMP Reporting Center
Post Office Box 10162
Fairfax, VA 22038
Telephone: (703) 227-7650

- b. The permittee shall submit to the permitting authority Title V certification forms or a compliance schedule in accordance with Rule 62-213.440(2), F.A.C.

[40 CFR 68]

5. Unregulated Emissions Units and/or Activities - Appendix U-1, List of Unregulated Emissions Units and/or Activities, is a part of this permit.
[Rule 62-213.440(1), F.A.C.]

6. Insignificant Emissions Units and/or Activities - Appendix I-1, List of Insignificant Emissions Units and/or Activities, is a part of this permit.
[Rules 62-213.440(1), 62-213.430(6), and 62-4.040(1)(b), F.A.C.]

7. General Pollutant Emission Limiting Standards: Volatile Organic Compounds (VOC) Emissions or Organic Solvents (OS) Emissions - The permittee shall allow no person to store, pump, handle, process, load, unload or use in any process or installation, volatile organic compounds (VOC) or organic solvents (OS) without applying known and existing vapor emission control devices or systems deemed necessary and ordered by the Department as follows:

The following requirements are “not federally enforceable”

- a. All equipment, pipes, hoses, lids, fittings, etc., shall be operated/maintained in such a manner as to minimize leaks, fugitive emissions and spills of solvent materials.
- b. All VOC/OS from washings (equipment clean-up) shall be directed into containers that prevent evaporation into the atmosphere.
- c. Tightly cover or close all VOC containers when they are not in use.
- d. Prevent excessive air turbulence across exposed VOCs.
- e. Immediately confine and clean up VOC spills and make sure wastes are placed in closed containers for reuse, recycling or proper disposal.

[Rule 62-296.320(1)(a), F.A.C.]

8. General Particulate Emission Limiting Standards: Unconfined Particulate Matter - All reasonable precautions shall be taken to prevent and control generation of unconfined (fugitive) emissions of particulate matter in accordance with the provisions in Rule 62-296.320(4)(c)3., F.A.C. These provisions are applicable to any source, including but not limited to, vehicular movement, transportation of materials, construction, alteration, demolition or wrecking, or industrial related activities such as loading, unloading, storing and handling. Reasonable precautions to prevent emissions of unconfined particulate matter at this facility include the following requirements (See also Condition 57. of Appendix TV-6, Title V Conditions):

- a. Vehicular traffic areas such as roads and parking areas are paved;
- b. Areas that have been disturbed are revegetated;
- c. The conveyor system from the stacker reclaimer to the steam boiler (EU 001) is covered and maintained to minimize leaks;
- d. Facility roads are swept;
- e. Water is applied to the truck dumps and the stacker discharge, as needed; and
- f. Ash trucks are covered during transport.

[Rule 62-296.320(4)(c)2., F.A.C.; Proposed by applicant in the Title V permit applications received June 17, 1996 and 2/19/2008]

9. When appropriate, any recording, monitoring, or reporting requirements that are time-specific shall be in accordance with the effective date of the permit, which defines day one. [Rule 62-213.440, F.A.C.]

10. Annual Statement of Compliance - The annual statement of compliance pursuant to Rule 62-213.440(3)(a)2., F.A.C., shall be submitted to the Department and EPA within 60 (sixty) days after the end of the calendar year using DEP Form No. 62-213.900(7), F.A.C.
[Rules 62-213.440(3) and 62-213.900, F.A.C.]

(Permitting Note: This condition implements the requirements of Rules 62-213.440(3)(a)2. & 3., F.A.C. (see Condition 51. of Appendix TV-6, Title V Conditions).)

11. State Notifications/Reports - The permittee shall submit all compliance related notifications and reports required of this permit to the Air Compliance Section of the Southwest District Office of the Department at the addresses shown below:

Department of Environmental Protection
Southwest District Office
13051 N. Telecom Parkway
Temple Terrace, Florida 33637-0926
Telephone: 813/632-7600
Fax: 813/632-7668

12. USEPA Submittals - Any reports, data, notifications, certifications, and requests required to be sent to the United States Environmental Protection Agency, Region 4, should be sent to:

United States Environmental Protection Agency, Region 4
Air, Pesticides & Toxics Management Division
Air and EPCRA Enforcement Branch, Air Enforcement Section
61 Forsyth Street
Atlanta, Georgia 30303-8960
Telephone: 404/562-9155
Fax: 404/562-9163

13. Certification by Responsible Official (RO) - In addition to the professional engineering certification required for applications by Rule 62-4.050(3), F.A.C., any application form, report, compliance statement, compliance plan and compliance schedule submitted pursuant to Chapter 62-213, F.A.C., shall contain a certification signed by a responsible official that, based on information and belief formed after reasonable inquiry, the statements and information in the document are true, accurate, and complete. Any responsible official who fails to submit any required information or who has submitted incorrect information shall, upon becoming aware of such failure or incorrect submittal, promptly submit such supplementary information or correct information.
[Rule 62-213.420(4), F.A.C.]

Operating Limitations

14. Hours of Operation - Unless otherwise noted, all emission units are allowed to operate continuously, i.e., 8760 hours per year.
[Rule 62-4.070(3), F.A.C., Rule 62-210.200, F.A.C. (Definitions – Potential to Emit)]

Excess Emissions

15. Excess Emissions from Startup, Shutdown or Malfunction - Excess emissions resulting from startup, shutdown or malfunction of any source shall be permitted providing (1) best operational practices to minimize emissions are adhered to (2) 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.

[Rule 62-210.700(1), F.A.C.]

(Permitting Note: This rule is not applicable to sources subject to PSD, NSPS, or NESHAP regulations.)

16. Excess Emission Prohibitions - 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, shutdown, or malfunction shall be prohibited.

[Rule 62-210.700(4), F.A.C.]

17. Sudden and Unforeseeable Events - A statement that a situation arising from sudden and unforeseeable events beyond the control of the source which causes an exceedance of a technology-based emissions limitation because of unavoidable increases in emissions attributable to the situation and which requires immediate corrective action to restore normal operation, shall be an affirmative defense to an enforcement action in accordance with the provisions and requirements of 40 CFR 70.6(g)(2) and (3).

[Rule 62-213.440(1)(d)5, F.A.C.]

18. Malfunction Reporting - In case of excess emissions resulting from malfunctions, each owner or operator shall notify the Department 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(6), F.A.C.]

Compliance Testing Requirements

19. Compliance Testing Notification - The permittee shall notify the Air Compliance Section of the Southwest District Office of the Department at least 15 days prior to the date on which each formal compliance test is to begin of the date, time, and place of each such test, and the contact person who will be responsible for coordinating and having such test conducted.

[Rule 62-297.310(7)(a)9, F.A.C.]

20. Compliance Test Reports -

- a. The owner or operator of an emissions unit for which a compliance test is required shall file a report with the Air Compliance Section of Southwest District Office of the Department, and the applicable local program(s) 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 or with the operating permit application, whichever is earlier.
- c. The report shall provide sufficient detail on the emissions unit tested (at a minimum, the "Project", "Facility ID" and "Point ID"), the test procedures used to allow the Department to determine if the test report was properly conducted and the test results properly computed. Testing procedures shall be consistent with the requirements of Rule 62-297.310(7), F.A.C.
- d. The test report, other than for an EPA or DEP Method 9 test, as a minimum, shall provide the following information:
 1. 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.
 2. The normal operating parameters of air pollution control devices installed on each emission unit (e.g., pressure drop, scrubber liquid flow rate, scrubber liquid pressure, total current, etc.), and the operating parameters of air pollution control devices during each test run. Failure to submit the rates and actual operating conditions in the test report may invalidate the test and fail to provide reasonable assurance of compliance.

[Rules 62-297.310(8), F.A.C., and 62-4.070(3), F.A.C.]

21. General Testing Requirements - The requirements for stack sampling facilities, source sampling and reporting, shall be in accordance with Chapter 62-297, F.A.C., *Stationary Sources - Emission Monitoring* and 40 CFR 60, Appendix A.

[Rule 62-297.401, F.A.C.]

22. Visible Emissions (VE) Testing Requirements - The visible emissions test shall be conducted by a certified observer and be a minimum of thirty (30) minutes in duration, unless otherwise specified within this permit. The test observation period shall include the period during which the highest opacity can reasonably be expected to occur.

[Rule 62-297.310(4)(a)2, F.A.C.]

23. Operating Rate During Testing - Testing of emissions shall be conducted with the source operating at permitted capacity. Permitted capacity is defined as 90-100 percent of the maximum operating rate allowed by the permit (*see Specific Condition Nos. A.2.e and B1*). If it is impracticable to test at permitted capacity, then sources may be tested at less than capacity. In this case subsequent source operation is limited to 110 percent of the test load until a new test is conducted. Once the unit is so limited, then operation at higher capacities is allowed for no more than 15 consecutive days for the purposes of additional compliance testing to regain the permitted capacity in the permit. In no case shall the process or production rate exceed the maximum permitted process or production rate.

(Continued)

23. (Continued)

The actual process or production rate during the test shall be included in each test report. Failure to include the actual process or production rate in the results may invalidate the test. In addition, the test results shall include any boiler or control device operating parameters limited or specified to be recorded in this permit, including pressure drop across the baghouse and spray dryer absorber liquid flow rate. [Rule 62-297.310(2), F.A.C.; Effective Date: 08/022008]

24. Compliance Test Dates - Rule 62-297.310(7)(a)4, F.A.C., allows the permittee to conduct a formal annual compliance test any time during the federal fiscal year (October 1 -- September 30).} [Rule 62-297.310(7)(a)4, F.A.C.]

25. Stack Sampling Facilities - The requirements for stack sampling facilities, source sampling and reporting, shall be in accordance with Chapter 62-297, F.A.C., Stationary Sources - Emission Monitoring, and 40 CFR 60, Appendix A. (See attached Appendix SS-1 - Stack Sampling Facilities.) [Rule 62-297.401, F.A.C.]

26. Special Compliance Tests - If the Department of Environmental Protection has reason to believe that any applicable emission standard is being violated, the Department of Environmental Protection may require the permittee to conduct compliance tests which identify the nature and quantity of pollutant emissions and to provide a report on the results of the tests. [Rule 62-297.310(7)(b), F.A.C.]

Additional Recordkeeping Requirements

27. Records Maintenance - At a minimum, all records and logs required by this permit shall be updated monthly no later than the 15th day of the following month. Daily records shall be completed with 5 business days. (See also Appendix TV-6, items 12.(14)(b) and (c) and 42 for additional record maintenance and retention requirements.) [Rule 62-4.070(3), F.A.C.]

NOTES to PERMITTEE:

Please reference the Permit No., Facility ID No., and appropriate Emissions Unit(s) ID No(s). on all correspondence, test report submittals, applications, etc.

Table 1-1, Summary of Air Pollutant Standards and Terms, summarizes information for convenience purposes only. This table does not supersede any of the terms or conditions of this permit.

Table 2-1, Summary of Compliance Requirements, summarizes information for convenience purposes only. This table does not supersede any of the terms or conditions of this permit.

IMPORTANT: Please note the following Title V submittal requirements contained in Appendix TV-6 (TITLE V CONDITIONS):

- Annual Operating Report (AOR) - item 24
- Annual Statement of Compliance - item 51
- Permit Renewal Application - item 5

Section III. Emissions Unit(s) and Conditions.

Subsection A. This section addresses the following emissions unit(s).

<u>EU ID No.</u>	<u>Brief Description</u>
001	Multi-fuel Steam Boiler

The Ridge Generating Station consists of a 50-MW multi-fuel, steam-driven electric power plant, with one solid fuel, traveling grate boiler providing the total steam production. The waterwall construction boiler burns a mixture of wood, tires and landfill gas (LFG)*.

(LFG Note: The LFG combusted at this facility is from the adjacent Polk County North Central Landfill (ARMS Facility ID 1050298).)*

Emission controls consist of the following (listed in order that they occur in the exhaust gas flow path):

- Nitrogen oxides (NOx) emissions are controlled by a selective non-catalytic reduction (SNCR) system (via injection of urea solution into combustion flue gas).
- Sulfur dioxide (SO₂), acid gas and organic compound (including VOC) emissions from the boiler are controlled by a spray dryer absorber.
- Particulate matter (PM/PM10) emissions are controlled by a fabric filter (baghouse).

The fabric filter (baghouse) particulate matter (PM) control device for this emission unit is subject to the compliance assurance monitoring (CAM) requirements included in Appendix CAM. The pressure drop across the fabric filter and the exhaust stack continuous opacity monitor (COM) are the performance indicators.

(CAM Applicability Note: While this emission unit also has emission limitations and control devices for NOx and SO₂, the facility has a continuous emission monitoring system (CEM) to monitor NOx and SO₂ that has been specified as the emission limit compliance method for these two pollutants. The CAM regulation, 40 CFR 64.2(b)vi, exempts units with CEMs as the required compliance method from the CAM requirements.)

Federal and State Regulation Applicability Notes: This emissions unit is regulated under NSPS - 40 CFR 60, Subpart Db, Standards of Performance for Industrial-Commercial-Institutional Steam Generating Units, adopted and incorporated by reference in Rule 62-204.800, F.A.C.; Compliance Assurance Monitoring (CAM), adopted and incorporated by reference in Rule 62-204.800, F.A.C.; Rule 62-212.300, F.A.C.; and Rule 62-212.400, F.A.C., Prevention of Significant Deterioration (PSD).

(NSPS Applicability Note: This unit is exempt from the requirements of NSPS - 40 CFR 60, Subpart Ea (Standards of Performance for Municipal Waste Combustors for which Construction is Commenced after December 20, 1989 and on or before September 20, 1994) on the basis that it is subject to a federally enforceable permit condition (see Specific Condition No. A.3.d.) limiting combustion of municipal solid waste (MSW) to 30 percent or less (by weight) of the fuel feed stream as measured on a calendar quarterly basis (in accordance with the provisions of 40 CFR 60.50a(d) and 60.51a (definition of "Cofired combustor").

(Rule 62-296.416, F.A.C. Applicability Note: This unit is not subject to Rule 62-296.416, F.A.C., Waste-to-Energy Facilities, since in accordance with the definition of "Waste to Energy Facility" contained in Rule 62-210.200, F.A.C., it primarily burns fuels other than solid waste (primary fuels for this facility consist of vegetative wastes, clean dry wood, wood fuel from construction or demolition debris, landfill gas, and waste tires, all of which are specifically excluded from the definition of solid waste).)

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

Essential Potential to Emit (PTE) Parameters

A.1. Capacity. The maximum power production (gross output) of the generating unit is limited to 50 megawatts (MW) (approximately equivalent to a maximum boiler heat input rate of 630 MMBtu per hour).

[Rule 62-4.160(2), F.A.C. and Rule 62-210.200, F.A.C., Definitions - (PTE); Construction Permit AC53-206244/PSD-FL-183]

(Compliance Note: Compliance with the Specific Condition No. A.1 capacity limitation shall be determined by monitoring generator output megawatts (MW) and comparison to the maximum permitted capacity of 50 MW.)

A.2. Methods of Operation - Permitted Fuels - Fuel for firing the boiler shall consist only of the following:

- a. Wood*; (See also Specific Condition No. A.3.d below.)
- b. Yard waste**; (See also Specific Condition No. A.3.d below.)
- c. Landfill gas (LFG); and
- d. Waste tires, with the tire firing rate limited to 18,505 pounds of tires per hour, based on a 24-hour block average of all periods of boiler operation during the 24-hour block. (See also Specific Condition No. A.3.d below.)

[Rules 62-210.200(228), F.A.C., 62-4.160(2), F.A.C. and 62-213.440(1), F.A.C.; Construction Permit AC53-206244/PSD-FL-183A (1050216-002-AC); Construction Permit 1050216-011-AC, Effective Date: 08/02/2008]

(Wood Fuel Permitting Note: Wood fuel includes, but is not limited to, wood pallets, utility poles, construction debris, and railroad ties (construction permit 1050216-006-AC/PSD-FL-183C). The definition of wood from 40 CFR 60 Subpart Db is as follows: "Wood means wood, wood residue, bark, or any derivative fuel or residue thereof, in any form, including, but not limited to, sawdust, sander dust, wood chips, scraps, slabs, millings, shavings, and processed pellets made from wood or other forest residues.")*

*(** Yard Waste Permitting Note: Yard waste means grass, grass clippings, bushes, shrubs, and clippings from bushes and shrubs that are generated by residential, commercial/retail, institutional, and/or industrial sources as part of maintenance activities associated with yards or other private or public lands. Yard waste does not include construction, renovation, and demolition wastes, which are also exempt from the definition of MSW. Yard waste does not include clean wood, which is exempt from the definition of MSW. (Above definition taken from CFR 60.51a (Subpart Ea Definitions.))*

A.3. Methods of Operation - Prohibited Fuels – The following shall not be burned at any time in the boiler:

- a. hazardous waste (as defined in 40 CFR 261 and Rule 62-730.020, F.A.C.);
- b. medical/infectious waste (as defined in 40 CFR 60.51c);
- c. biomedical waste (as defined in Rule 62-712.200, F.A.C.);
- d. municipal type solid waste (as defined in 40 CFR 60, Subpart Ea*), except for tires, yard waste and waste wood. The combined total of tires, yard waste, and any waste wood that is defined as municipal solid waste in 40 CFR 60, Subpart Ea*, that is burned shall not exceed 30 percent (by weight) of the facility fuel feed stream, as measured on a calendar quarterly basis **.

[Rule 62-210.200(228), F.A.C., Construction Permit AC53-206244/PSD-FL-183]

(Municipal Solid Waste Definition Note: In accordance with the provisions of 40 CFR 60.51a (Subpart Ea, Definitions), municipal solid waste does not include construction, renovation, and demolition wastes (which includes railroad ties and telephone poles), wood pallets or clean wood. Clean wood means untreated wood or untreated wood products including clean untreated lumber, tree stumps (whole or chipped), and tree limbs (whole or chipped).)*

*(** NSPS Applicability Note: On the basis of this limitation on firing of municipal solid waste, this unit is exempt from the requirements of 40 CFR 60 Subpart Ea in accordance with the provisions of 40 CFR 60.50a(d) and 60.51a (definition of “Cofired combustor”).)*

A.4. Circumvention of Control Equipment - The permittee shall not circumvent any air pollution control device nor allow the emissions of air pollutants without the applicable air pollution control devices (i.e., spray dryer absorber*, fabric filter (baghouse) dust collector**, and selective non-catalytic reduction (SNCR) system) operating properly.

[Rules 62-210.650, F.A.C.]

(Spray Dryer Permitting Note: Absorbent/lime slurry shall be used in the spray dryer absorber as required to maintain compliance with the SO₂ standard. See Alternate Method of Operation condition below.)*

*(** Fabric Filter Permitting Note: See Appendix CAM for fabric filter performance indicator information.)*

A.5. Alternate Method of Operation – During low load operations when tires are not being used as fuel, the spray dryer absorber may be operated without use of absorbent (water will still be injected to minimize temperatures). Absorbent injection shall not be stopped until one (1) hour after the tire feed to the boiler has been stopped. Low load is defined as periods of operation at a load level of below 30 MW.

(Permitting Note: Tires are the primary source of sulfur, and therefore SO₂ emissions. When tires are not fired the SO₂ concentration is low. This unit has a continuous SO₂ emission monitor which shows compliance with the 30-Day rolling average SO₂ limit without the use of absorbent in the spray dryer during low load, zero tire firing conditions (which typically occur daily from 12:00am to 9:00am).)

[Rule 62-213.420(3)(l), F.A.C.; Construction Permit 1050216-007-AC]

Emission Limitations and Standards

A.6. Boiler Emission Limitations – Emissions from the boiler shall not exceed the following limitations.

POLLUTANT	POUNDS/HOUR	TONS/YEAR	METHOD OF COMPLIANCE
SO ₂	65.0	284.7	30-day rolling average CEMS*
NO _x	90.0	394.2	30-day rolling average CEMS *
CO	200.0	876.0	30-day rolling average CEMS *
VOC	22.1	96.8	EPA Method 25A stack test
HCl	2.1	9.2	EPA Method 26 or 26A stack test
Hg	0.022	0.096	EPA Method 29 or 101A stack test
Pb	0.25	1.1	EPA Method 12 or 29 stack test
Be	0.0063	0.028	EPA Method 29 or 104 stack test
VE	10% opacity		6-min. avg COM and EPA Meth 9 **
PM/PM ₁₀	0.0080 gr/DSCF (corrected to 7% O ₂)		EPA Method 5 stack test **

Notes:

* Reference Conditions A.8., A.13., and A.14.

** The particulate matter and opacity standards apply at all times, except during periods of startup, shutdown, or malfunction. (Subpart Db - 40 CFR 60.43b(g))

[Rule 62-212.400, F.A.C.; Construction Permits AC53-206244/PSD-FL-183A (BACT Determination dated 02/11/97) and 1050216-007-AC (HCl limit only)]

A.7. NSPS 40 CFR 60 Subpart Db PM and VE Emission Limitations * – The following emission limitations from 40 CFR 60 Subpart Db apply to this emission unit:

- a. Particulate Matter (PM) Emission Standard * - No owner or operator of an affected facility that combusts wood shall cause to be discharged from that affected facility any gases that contain particulate matter in excess of 43 ng/J (0.10 lb/million Btu) heat input if the affected facility has an annual capacity factor greater than 30 percent (0.30) for wood *
- b. Visible Emissions Standard * - No owner or operator of an affected facility that combusts coal, oil, wood, or mixtures of these fuels with any other fuels shall cause to be discharged into the atmosphere any gases that exhibit greater than 20 percent opacity (6-minute average), except for one 6-minute period per hour of not more than 27 percent opacity *.

[Rule 62-204.800(8), F.A.C; 40 CFR 60.43b(c)(1), and 60.43b(f)]

(NSPS 40 CFR 60 Subpart Db Emission Standards Note: The visible emissions (VE) and particulate matter (PM) emission limitations contained in Specific Condition No. A.6. are more stringent than the above NSPS Subpart Db standards. Compliance with the PM and VE limitations of Specific Condition No. A.6. will also demonstrate compliance with the NSPS Subpart Db standards.)*

Compliance Test Methods and Procedures

A.8. Compliance Stack Testing –

Annual Testing

In order to document compliance with Specific Condition No. A6., the permittee shall test the boiler exhaust gases for the following annually during each federal fiscal year (October 1 – September 30):

- a. Volatile organic compounds (VOC);
- b. Hydrogen chloride (HCl);
- c. Particulates (PM); and
- d. Visible emissions (VE).

Once Every Five Years Prior to Permit Expiration

In order to document compliance with Specific Condition No. A6., the permittee shall test the boiler exhaust gases for the following at least 270 days prior to and no more than 365 days prior to the expiration date of this permit:

- e. Mercury (Hg);
- f. Lead (Pb);
- g. Beryllium (Be).

Testing of emissions must be conducted when the emission unit being tested is in operation and the test observation period shall include the period during which the highest opacity emissions can reasonably be expected to occur (*see also Specific Condition No. A.2.d*). The fuel mixture for each compliance test shall be submitted with the test notification to the Department prior to testing (*see Specific Condition No. 19*). The permittee may request, at the time of notification, that the annual stack test for HCl be waived based on prior year(s) test results, except that a stack test for HCl shall be conducted during the 9 - 12 month period prior to the expiration date of this permit. Since the renewal application is required to be submitted at least 225 days prior to the expiration date of this permit, testing during the 9 - 12 month time period will be used to demonstrate compliance with the emission limitations and Rule 62-297.310(7)(a)3., F.A.C.

[Rules 62-297.310(7)(a)4, F.A.C. and 62-4.070(4), F.A.C.; Effective Date: 08/02/2008]

A.9. Compliance Test Methods - Compliance with the emission limitations of Specific Condition Nos. A.6. and A.7. shall be determined using the applicable EPA Methods 1, 2, 3, 4, 5, 6C*, 7E*, 9, 10*, 12, 25A, 26, 26A, 29, 101A, and 104 contained in 40 CFR 60, Appendix A, and 40 CFR 61, Appendix B, and adopted by reference in Rule 62-297, F.A.C. The minimum requirements for stack sampling facilities, source sampling and reporting, shall be in accordance with Rule 62-297, F.A.C., 40 CFR 60, Appendix A, and 40 CFR 61, Appendix B.
[Rule 62-297, F.A.C.]

(Test Method Note – These test methods will be used if (respectively) sulfur dioxide (SO₂), nitrogen oxides (NO_x), or carbon monoxide (CO) tests are required by the Department in accordance with Rule 62-297.310(7)(b), F.A.C. - Special Compliance Tests)*

A.10. PM Stack Test Results Reporting – In order to document compliance with Specific Condition No. A.6. and A.7., the results of any particulate matter (PM) compliance stack test shall be reported in terms of grains/DSCF (corrected to 7% O₂), and pounds per million Btu of heat input.
[Rule 62-4.070(3), F.A.C.; 40 CFR 60.43b(c)(1) and 60.46b(d)(6)]

A.11. Information To Be Included With Test Reports - All test reports submitted to the Department shall include, at a minimum, the following information for the test period:

- a. type of fuel being fired;
- b. heat input rate (MMBtu per hour) and firing rate;
- c. generator output (MW)*.
- d. temperature in the combustion zone;
- e. pressure drop across the baghouse (inches of H₂O);
- f. stack flow rate (standard cubic feet per minute);
- g. spray dryer absorber liquid flow rate.

Failure to submit the above information, or operating at conditions which do not reflect normal operating conditions may invalidate the test and fail to provide reasonable assurance of compliance.

[Rule 62-4.070(3), F.A.C.; Effective Date: 08/02/2008]

(Permitting Note: Compliance with the Specific Condition No. A.1 capacity limitation shall be determined by monitoring generator output megawatts (MW) and comparison to the maximum permitted capacity of 50 MW.)*

Monitoring Requirements

A.12. Required Continuous Monitoring Equipment - Continuous monitoring equipment shall be installed, operated, calibrated and maintained to measure and record the following:

- a. Generator output (MW);
- b. Furnace temperature (degrees F);
- c. Stack opacity (COMS);
- d. SO₂, NO_x and CO emissions (CEMS - continuous emission monitoring systems);
- e. The tire feed rate in pounds per hour shall be monitored continuously by a commercially available weight detecting system with recording capability. The tire feed rate data shall be maintained and provided to the Department upon request.

[Rule 62-297.310, F.A.C., Construction Permit AC53-206244/PSD-FL-183]

A.13. Demonstrating Compliance with Visible Emissions (Opacity) Standards - The permittee shall use a continuous opacity monitor system (COMS) to demonstrate continuous compliance with opacity standards in Condition Nos. A.6. and A.7. The averaging time for compliance using the COMS is a 6-minute average.

[Rule 62-213.440(1), F.A.C.; Construction Permit AC53-206244/PSD-FL-183]

A.14. Compliance with NO_x, SO₂ and CO Standards - Compliance with nitrogen oxides (NO_x), sulfur dioxide (SO₂), and carbon monoxide (CO) emissions limits for the boiler shall be demonstrated continuously based upon a 30-day rolling average of the continuous emission monitoring systems (CEMS) data. The 30-day rolling average shall be determined by calculating the arithmetic average of all hourly emission rates for the 30 successive boiler operating days, except for data obtained during startup, shutdown, and malfunction.

[Rule 62-213.440(1), F.A.C.; Construction Permit AC53-206244/PSD-FL-183]

A.15. Continuous Monitoring Equipment Operation Requirements - The continuous monitoring systems required in Specific Condition Nos. A.13. and A.14. shall be operated and record data during all periods of operation of the boiler including periods of startup, shutdown, malfunction or emergency conditions, except for continuous monitoring system breakdowns, repairs, calibration checks, and zero and span adjustments. Continuous monitoring systems are subject to the applicable requirements of 40 CFR 60, Subpart A - General Provisions, and 40 CFR 60, Subpart Db - Standards of Performance for Industrial-Commercial-Institutional Steam Generating Units, including but not limited to 40 CFR 60 Appendices B (Performance Specifications for Continuous Emission Monitoring Systems) and F (Quality Assurance Requirements for Gas Continuous Emission Monitoring Systems).

[Rules 62-204.800(8)(e) and 62-213.440(1), F.A.C.; 40 CFR 60.13(a)]

A.16. Compliance Assurance Monitoring - This emission unit is subject to the Compliance Assurance Monitoring (CAM) requirements contained in the **attached Appendix CAM**. 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.

[40 CFR 64; Rules 62-204.800 and 62-213.440(1)(b)1.a., F.A.C.; Appendix CAM]

Operating Practices

A.17. Malfunctions - In the event of any malfunction resulting in failure of emission control equipment or emission-related process equipment to perform as required by this permit, the operator shall immediately stop the feeding of tires into the boiler and shall use other permitted fuel to maintain a minimum of 1800 °F in the combustion zone until all tires in the system have been combusted. No tires may be refed into the boiler following the malfunction until the emission control equipment has been put into proper working order.

[Rule 62-210.700, F.A.C., Construction Permit 1050216-011-AC; Effective Date: 08/02/2008]

Recordkeeping Requirements

A.18. Unit Operating Records - The permittee shall maintain an hourly record of the generator output (MW), and furnace temperature (°F). The permittee shall maintain a daily record of the amount of wood, yard waste, tires (including the weight equivalent based on 24-hour block average), and landfill gas fired in the boiler. All of the above records shall be retained and be made available to the Department upon request.

[Rule 62-4.070(3), F.A.C.]

A.19. Fuel Records - The permittee shall record and maintain records of the amounts of each fuel combusted during each day and calculate the annual capacity factor individually for landfill gas, wood, and municipal-type solid waste for the recording 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.

[40 CFR 60.49b(d); Rule 62-4.070(3), F.A.C.; Effective Date: 08/02/2008]

A.20. Municipal Solid Waste Records - The permittee shall keep a record on a calendar quarter basis of the weight of municipal solid waste combusted and the weight of all other fuels combusted. The record shall also include a percentage calculation that demonstrates that the combined total of tires, yard waste, and any waste wood does not exceed 30% (by weight) of the facility fuel feed stream as required by Condition No. A.3.

[40 CFR 60.49b(d), Rule 62-4.070(3), F.A.C.]

A.21. Operation Records for Alternate Method of Operation - In order to document compliance with the requirements of Specific Condition No. A.5., the permittee shall keep operating records for all periods of boiler operation when absorbent is not being used in the spray dryer absorber. At a minimum the records shall include the following for each such period:

- a. Date;
- b. Time absorbent injection was stopped and restarted;
- c. Time tire feed was stopped and restarted;
- d. Maximum unit load (MW) during the period.

[Rule 62-4.070(3), F.A.C.; Construction Permit 1050216-007-AC]

Reporting Requirements

A.22. Excess Emissions Reporting - The permittee shall submit a written report of emissions in excess of the emission limiting standards as set forth in Condition A.6., for each calendar quarter. The nature and cause of the excessive emissions shall be explained. The report shall be submitted within 30 days following each calendar quarter. If there are no excess emissions during the calendar quarter, the facility shall submit a report semiannually stating that no excess emissions occurred during the semiannual reporting period. The semiannual report shall be submitted within 30 days following the semiannual reporting period.

[40 CFR 60.49b(h), 40 CFR 60.7(c), Rule 62-4.070(3), F.A.C.]

A.23. Quarterly SO₂, CO, and NO_x Emission Reports - The permittee shall submit a quarterly report to the Department within 30 days following each calendar quarter. This report shall contain the 30-day rolling average for SO₂, CO, and NO_x, all time periods of boiler operation as well as a statement of CEM and/or boiler malfunction, start-up or shutdown.

[Rules 62-4.070(3), F.A.C. and 62-213.440(1), F.A.C.]

A.24. Federal NSPS Requirements - All applicable recordkeeping and reporting requirements of 40 CFR 60, Subpart Db - Standards of Performance for Industrial-Commercial-Institutional Steam Generating Units, and 40 CFR 60, Subpart A - General Provisions, shall be met. (*See Appendix NSPS 40 CFR 60 Subpart Db and Appendix NSPS 40 CFR 60 Subpart A.*)

[Rule 62-204.800(8), F.A.C.; 40 CFR 60, Subparts A and Db]

Subsection B. This section addresses the following emissions unit(s).

<u>EU ID No.</u>	<u>Brief Description</u>
003	Lime Storage Building

Lime Silo

Lime is fed from the lime silo into a slaker to form a high solids slurry. After being screened for grit removal, the solids slurry is stored in an agitated tank. The slurry is then pumped to the spray dryer absorber (SDA) where it is diluted before being introduced into an atomizer located at the inlet of the spray dryer absorber.

(Permitting note: This emission unit is regulated under Rule 62-296.320, F.A.C., General Pollutant Emission Limiting Standards.)

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

Essential Potential to Emit (PTE) Parameters

B.1. Lime Silo Loading Capacity - The maximum lime silo loading rate shall not exceed 25 tons per hour for each shipment.

[Rule 62-4.160(2), F.A.C. and Rule 62-210.200, F.A.C., Definitions - (PTE); as established in initial Title V Permit 1050216-001-AV]

Emission Limitations and Standards

B.2. Visible Emissions (VE) Limitations – Visible emissions from the lime silo vent filter shall not exceed 10% opacity.

[Rule 62-212.400, F.A.C., Construction Permit 1050216-006-AC/PSD-FL-183C]

Test Methods and Procedures

B.3. Visible Emissions (VE) Testing - Test the lime silo vent filter exhaust for visible emissions annually during each federal fiscal year (October 1 to September 30). The test shall be conducted at a silo loading rate that is representative of normal operation conditions to be considered a valid compliance test.

[Rules 62-297.310(7)(a)4, F.A.C. and 62-4.070(3), F.A.C.; Effective Date: 08/02/2008]

B.4. VE Compliance Test Method - Compliance with the visible emission (VE) limitations of Condition B.2 shall be determined using EPA Method 9 contained in 40 CFR 60, Appendix A and adopted by reference in Rule 62-297, F.A.C. The minimum requirements for stack sampling facilities, source sampling and reporting, shall be in accordance with Rule 62-297, F.A.C. and 40 CFR 60, Appendix A.

[Rule 62-297, F.A.C.]

Circumvention of Control Equipment

B.5. The permittee shall not circumvent any air pollution control device nor allow the emissions of air pollutants without the applicable air pollution control devices (i.e., lime silo baghouse) operating properly.

[Rules 62-210.650, F.A.C.]

Monitoring of Operations

B.6. The pressure drop across the lime silo baghouse shall be monitored during each compliance test, and a summary of this data shall be included in each emissions test report along with the process/ operating data (quantity and type of material transferred).

[Rule 62-297.310(8), F.A.C., as established in initial Title V Permit 1050216-001-AV]

Recordkeeping and Reporting Requirements

B.7. Lime Silo Loading Records - In order to document compliance with Condition B.1, the permittee shall maintain the following records:

For Lime Silo loading only:

- a. Daily record the hours of loading the silo for each shipment;
- b. Daily record the quantity of lime transferred to the silo for each shipment;
- c. Daily record the lime transfer (loading) rate to the silo in tons/hr. for each shipment.

The daily records shall be completed within 5 business days. The records shall be made available for inspection by the Department upon request.

[Rule 62-4.070(3), F.A.C.; as established in initial Title V Permit 1050216-001-AV]

Friday, Barbara

To: rwilliam@wm.com
Cc: Rogers, Tom; Zhang-Torres; 'Forney.Kathleen@epamail.epa.gov'; Oquendo.Ana@epamail.epa.gov; Gibson, Victoria; Cascio, Tom
Subject: WHEELABRATOR RIDGE ENERGY, INC. - RIDGE GENERATING STATION; 1050216-013-AV
Attachments: 1050216013SignedNoticeofFinalPermit.pdf

Dear Sir/ Madam:

Attached is the official **Notice of Final Permit** for the project referenced below. Click on the link displayed below to access the permit project documents and send a "reply" message verifying receipt of the document(s) provided in the link; this may be done by selecting "Reply" on the menu bar of your e-mail software, noting that you can view the documents, and then selecting "Send".

Note: We must receive verification that you are able to access the documents. Your immediate reply will preclude subsequent e-mail transmissions to verify accessibility of the document(s).

Attention: Tom Cascio

Owner/Company Name: WHEELABRATOR RIDGE ENERGY INC.
Facility Name: RIDGE GENERATING STATION
Project Number: 1050216-013-AV
Permit Status: FINAL
Permit Activity: PERMIT REVISION
Facility County: POLK

Click on the following link to access the permit project documents:

http://ARM-PERMIT2K.dep.state.fl.us/adh/prod/pdf_permit_zip_files/1050216.013.AV.F_pdf.zip

The Bureau of Air Regulation is issuing electronic documents for permits, notices and other correspondence in lieu of hard copies through the United States Postal System, to provide greater service to the applicant and the engineering community. Access these documents by clicking on the link provided above, or search for other project documents using the "Air Permit Documents Search" website at <http://www.dep.state.fl.us/air/emission/apds/default.asp> . "

Permit project documents that are addressed in this email may require immediate action within a specified time frame. Please open and review the document(s) as soon as possible, and verify that they are accessible. Please advise this office of any changes to your e-mail address or that of the Engineer-of-Record. If you have any problems opening the documents or would like further information, please contact the Florida Department of Environmental Protection, Bureau of Air Regulation.

Barbara Friday
Bureau of Air Regulation
Division of Air Resource Management (DARM)
(850)921-9524

Friday, Barbara

From: Williams, Rodney [RWilliam@wm.com]
To: Friday, Barbara
Sent: Monday, March 08, 2010 10:50 AM
Subject: Read: WHEELABRATOR RIDGE ENERGY, INC. - RIDGE GENERATING STATION;
1050216-013-AV

Your message was read on Monday, March 08, 2010 10:49:53 AM (GMT-05:00) Eastern Time (US & Canada).

Friday, Barbara

From: Williams, Rodney [RWilliam@wm.com]
Sent: Monday, March 08, 2010 12:31 PM
To: Friday, Barbara
Subject: RE: WHEELABRATOR RIDGE ENERGY, INC. - RIDGE GENERATING STATION;
1050216-013-AV

I have received the documents and can view them. Thank you.

From: Friday, Barbara [mailto:Barbara.Friday@dep.state.fl.us]
Sent: Monday, March 08, 2010 10:47 AM
To: Williams, Rodney
Cc: Rogers, Tom; Zhang-Torres; Forney.Kathleen@epamail.epa.gov; Oquendo.Ana@epamail.epa.gov; Gibson, Victoria; Cascio, Tom
Subject: WHEELABRATOR RIDGE ENERGY, INC. - RIDGE GENERATING STATION; 1050216-013-AV

Dear Sir/ Madam:

Attached is the official **Notice of Final Permit** for the project referenced below. Click on the link displayed below to access the permit project documents and send a "reply" message verifying receipt of the document(s) provided in the link; this may be done by selecting "Reply" on the menu bar of your e-mail software, noting that you can view the documents, and then selecting "Send".

Note: We must receive verification that you are able to access the documents. Your immediate reply will preclude subsequent e-mail transmissions to verify accessibility of the document(s).

Attention: Tom Cascio

Owner/Company Name: WHEELABRATOR RIDGE ENERGY INC.
Facility Name: RIDGE GENERATING STATION
Project Number: 1050216-013-AV
Permit Status: FINAL
Permit Activity: PERMIT REVISION
Facility County: POLK

Click on the following link to access the permit project documents:

http://ARM-PERMIT2K.dep.state.fl.us/adh/prod/pdf_permit_zip_files/1050216.013.AV.F_pdf.zip

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Barbara Friday
Bureau of Air Regulation
Division of Air Resource Management (DARM)
(850)921-9524

The Department of Environmental Protection values your feedback as a customer. DEP Secretary Michael W. Sole is committed to continuously assessing and improving the level and quality of services provided to you. Please take a few minutes to comment on the quality of service you received. Simply click on [this link to the DEP Customer Survey](#). Thank you in advance for completing the survey.

Waste Management recycles enough paper every year to save 41 million trees. By not printing this email, you can help save even more.

Friday, Barbara

From: Microsoft Exchange
To: Rogers, Tom
Sent: Monday, March 08, 2010 10:47 AM
Subject: Delivered: WHEELABRATOR RIDGE ENERGY, INC. - RIDGE GENERATING STATION;
1050216-013-AV

Your message has been delivered to the following recipients:

Rogers, Tom

Subject: WHEELABRATOR RIDGE ENERGY, INC. - RIDGE GENERATING STATION; 1050216-013-AV

Sent by Microsoft Exchange Server 2007

Friday, Barbara

From: Mail Delivery System [MAILER-DAEMON@mseive02.rtp.epa.gov]
To: Forney.Kathleen@epamail.epa.gov; Oquendo.Ana@epamail.epa.gov
Sent: Monday, March 08, 2010 10:48 AM
Subject: Relayed: WHEELABRATOR RIDGE ENERGY, INC. - RIDGE GENERATING STATION;
1050216-013-AV

Delivery to these recipients or distribution lists is complete, but delivery notification was not sent by the destination:

Forney.Kathleen@epamail.epa.gov

Oquendo.Ana@epamail.epa.gov

Subject: WHEELABRATOR RIDGE ENERGY, INC. - RIDGE GENERATING STATION; 1050216-013-AV

Friday, Barbara

From: Microsoft Exchange
To: Cascio, Tom; Zhang-Torres; Gibson, Victoria
Sent: Monday, March 08, 2010 10:47 AM
Subject: Delivered: WHEELABRATOR RIDGE ENERGY, INC. - RIDGE GENERATING STATION;
1050216-013-AV

Your message has been delivered to the following recipients:

Cascio, Tom

Zhang-Torres

Gibson, Victoria

Subject: WHEELABRATOR RIDGE ENERGY, INC. - RIDGE GENERATING STATION; 1050216-013-AV

Sent by Microsoft Exchange Server 2007

Friday, Barbara

From: Gibson, Victoria
To: Friday, Barbara
Sent: Monday, March 08, 2010 11:10 AM
Subject: Read: WHEELABRATOR RIDGE ENERGY, INC. - RIDGE GENERATING STATION;
1050216-013-AV

Your message was read on Monday, March 08, 2010 11:10:19 AM (GMT-05:00) Eastern Time (US & Canada).

Friday, Barbara

From: Zhang-Torres
To: Friday, Barbara
Sent: Monday, March 08, 2010 10:55 AM
Subject: Read: WHEELABRATOR RIDGE ENERGY, INC. - RIDGE GENERATING STATION;
1050216-013-AV

Your message was read on Monday, March 08, 2010 10:54:49 AM (GMT-05:00) Eastern Time (US & Canada).