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January 10, 2010

Sent via Electronic Mail - Read Receipt Requested

mhammond@swa.org

Mr. Mark Hammond
Executive Director
Solid Waste Authority of Palm Beach County
7501 North Jog Road
West Palm Beach, Florida 33412

Re: Additional Information, File Numbers 0990234-020-AV and 0990234-019-AC
Title V Air Operation Permit Renewal Application and
AC/PSD Permit Modification Application
North County Resource Recovery Facility (RRF)

Dear Mr. Hammond:

On November 17, 2010, the Department received a Title V air operation permit renewal application and an air construction (AC)/prevention of significant deterioration (PSD) Permit Modification Application for the subject facility via Electronic Permit Submittal and Processing System (EPSAP). The North County Resource Recovery Facility is located at 7501 North Jog Road, West Palm Beach in Palm Beach County, Florida.

In order to continue processing the application, the Department needs the additional information requested below. Should a response to any of the below items require new calculations, please submit the new calculations, assumptions, reference material and appropriate revised pages of the permit application form.

1. **Renewal Compliance Testing Requirements:** The emissions units in operation under this permit renewal project, e.g., two municipal solid waste boilers Unit Nos. 1 and 2 with auxiliary burners, were required to test prior to renewal. Thank you for providing the most recent compliance test results in the permit renewal application.
 - a. **Steam Production Rates and Capacity:** What were the steam production rates in lbs./hour during the compliance tests? Where the compliance tests conducted within 90-100% of capacity as required by specific condition **T.12.** of Permit No. 0990234-016-AV?
 - b. **Municipal Solid Waste Boiler Parameters:** Were the maximum demonstrated unit loads, the maximum demonstrated inlet temperatures to the particulate matter emission control devices and the average carbon mass feed rates provided in the compliance test report(s)? What were the values during compliance testing?
2. **Compliance Assurance Monitoring (CAM):** Thank you for including the proposed CAM plan for the Biosolids Pelletization Facility (BPF) in Attachment T of the permit renewal application. Fine job on the CAM plan.

- a. The Monitoring Approach in Table 1 shows pressure drop across the scrubber as Indicator No. 1 and water flow through the scrubber as Indicator No. 2. The justification indicates that water flow is the primary indicator (Indicator No. 1). I assume water flow is Indicator No. 1?
- b. Please provide a Microsoft® Word version of the proposed CAM Plan.

3. New Applicable Requirements - Federal Regulation Amendments, Municipal Waste Combustors (MWC) 40 Code of Federal Regulations (CFR) 60, Subpart Cb:

U.S. EPA amended 40 CFR 60, Subparts Eb & Cb. The amendments had been promulgated by U.S. EPA on May 10, 2006, and were adopted by reference into the Florida rules on May 31, 2007, at Rule 62-204.800(8)(b)7., Florida Administrative Code (F.A.C.) and Rule 62-204.800(9)(b), F.A.C. Note certain exceptions were made in the State of Florida's adoption of 40 CFR 60, Subpart Cb in Rule 62-204.800(9)(b), F.A.C. {excerpts of the rule adoption with the exceptions are enclosed}.

The new emission standards/limits took effect April 28, 2009 (compliance deadline) for all of the amendments.

As part of these amendments, the emission standards/limits in particular for dioxin/furan (D/F), lead (Pb), cadmium (Cd), mercury (Hg) and particulate matter (PM) were lowered for 'existing' units (Cb units). The chart below shows some of the air pollutant emission standards/limits which were lowered.

Air Pollutant	Federal Cb Emission Standard/Limit <u>from:</u>	Federal Cb Emission Standard/Limit <u>to:</u>
D/F	60 nanograms/dscm	35 nanograms /dscm
Pb	0.44 milligrams/dscm	0.40 milligrams/dscm
Cd	0.04 milligrams/dscm	0.035 milligrams/dscm
Hg ¹	70 micrograms/dscm	50 micrograms/dscm
PM	27 milligrams/dscm	25 milligrams/dscm

{¹Note: Florida Rule 62-296.416, F.A.C., limits Hg to 70 micrograms/dscm}.

The amendments also changed test scheduling & frequency and provide an array of options for the use of new continuous emissions monitoring system (CEMS) technology for Hg, dioxin, multi-metal & hydrogen chloride (HCl) emissions.

- a. Thank you for preparing the chart in Attachment J of the permit application, comparing the PSD best available control technology (BACT) emission standards/limits to the federal Cb limits. Please prepare a similar chart showing the PSD BACT emission standards/limits vs. the federal Cb limits for Units 1 and 2 in the same units of measure. Please highlight the most stringent emission standard/limit for each pollutant in the chart.

- b. Where any modifications to the units necessary to comply with the federal amendment changes?

May 10, 2006, Federal Regulation Amendments for MWCs Note:

An inconsistency in the air pollutant test schedule window has been identified in the May 10, 2006, federal regulation amendments for MWCs. The language changed by U.S. EPA for air pollutant testing throughout the amendments is highlighted below with the new language underlined.

... the owner or operator shall conduct a performance test for [air pollutant] on a calendar year basis (no less than 9 calendar months and no more than 15 calendar months following the previous performance test; and must complete five performance tests in each 5-year calendar period). ...

U.S. EPA did not make the change to the test schedule window for HCl and fugitive ash emissions in the federal regulations.

On January 22, 2009, the Department received an e-mail from U.S. EPA confirming this as an error in the CFR. In the federal register, U.S. EPA clearly intended to make the testing schedule change apply to all air pollutants (see the May 10, 2006 federal register, page number 27326). U.S. EPA plans to correct this error soon. Until this error is corrected in the federal regulation, the testing schedule for fugitive ash and HCl emissions will be kept intact.

4. Cooling Towers: "WTE Cooling Towers (3)" are listed in Attachment D of the permit application as unregulated emissions units and/or activities. The previous Title V permit only included one (1) cooling tower in Appendix U.
- These two cooling towers are also referred to as "BPF Cooling Tower Train Nos. 1 & 2" currently in Appendix I, List of Insignificant Emissions Units and/or Activities. Are the additional two cooling towers from the BPF?
 - In Attachment N of the permit application, calculations are shown for "all 3 towers." Does this include the two cooling towers from the BPF?

The two BPF cooling towers need to be included in either Appendix I or U. We can discuss the appropriate classification further.
 - The current Title V permit indicates that the BPF cooling towers do not use chromium-based water treatment chemicals. Does the previously cited one cooling tower use chromium-based water treatment chemicals?
5. Landfills: Is the Class III landfill still accepting asbestos waste disposal material?

For Your Information Item(s) Only

No responses are required for these items.

- Renewal: This is the 2nd Title V air operation permit renewal for the North County RRF.
- New Applicable Requirements - Engines:

New Applicable Requirements - New Source Performance Standards (NSPS) Requirements from 40 CFR 60 also known as (a.k.a.) NSPS "4-I's" or "CI-ICE"

New Applicable Requirements - National Emissions Standards for Hazardous Air Pollutants (NESHAP) Requirements also known as (a.k.a) Maximum Available Control Technologies (MACT) from 40 CFR 63 Subpart ZZZZ a.k.a. MACT "4-Z's" or "RICE MACT"


Thank you for providing the specifics on the engines. A lot of hard work must have gone into this! This should be very helpful with the inclusion of the engines in the Title V air operation permit renewal this cycle. My plan is to simply include the applicable specific conditions for the engines like in the current Title V permit.

The Department will resume processing the application after receipt of the requested information. Rule 62-4.050(3), Florida Administrative Code (F.A.C.) requires that all applications for a Department Title V air operation permit must be certified by a professional engineer (P.E.) registered in the State of Florida. This requirement also applies to responses to Department requests for additional information of an engineering nature. For any material changes to the application, please include a new certification statement by the responsible official (R.O.).

Rule 62-4.055(1), F.A.C. now requires applicants to respond to requests for information within **ninety (90)** days or provide a written request for an additional period of time to submit the information.

If you should have any questions, feel free to contact me by telephone or by e-mail at scott.sheplak@dep.state.fl.us. **Please note my direct telephone number will be changing from 850/921-9532 to 850/717-9074.**

Sincerely,



Scott M. Sheplak, P.E.
DEP - Title V Section
Mail Station #5505
2600 Blair Stone Road
Tallahassee, FL 32399

Enclosure

Excerpts of Rule 62-204.800, F.A.C.

copy to:

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CHAPTER 62-204 AIR POLLUTION CONTROL - GENERAL PROVISIONS

62-204.100	Purpose and Scope. (Effective 3/13/96)
62-204.200	Definitions. (Effective 2/12/06)
62-204.220	Ambient Air Quality Protection. (Effective 3/13/96)
62-204.240	Ambient Air Quality Standards. (Effective 3/13/96)
62-204.260	Prevention of Significant Deterioration Maximum Allowable Increases (PSD Increments). (Effective 2/12/06)
62-204.300	Approved State Implementation Plan. (Repealed)
62-204.320	Procedures for Designation and Redesignation of Areas. (Effective 3/13/96)
62-204.340	Designation of Attainment, Nonattainment, and Maintenance Areas. (Effective 3/13/96)
62-204.360	Designation of Prevention of Significant Deterioration Areas. (Effective 3/13/96)
62-204.400	Public Notice and Hearing Requirements for State Implementation Plan Revisions. (Effective 11/30/94)
62-204.500	Conformity. (Effective 9/1/98)
62-204.600	Transportation Conformity. (Repealed)
62-204.800	Federal Regulations Adopted by Reference. (Effective 2/1/08)

62-204.100 Purpose and Scope.

(1) This chapter establishes maximum allowable levels of pollutants in the ambient air, or ambient air quality standards, necessary to protect human health and public welfare. This chapter also establishes maximum allowable increases in ambient concentrations for subject pollutants to prevent significant deterioration of air quality in areas where ambient air quality standards are being met. It further specifies approved air quality monitoring and modeling methods.

(2) In addition, this chapter designates all areas of the state as attainment, nonattainment, or unclassifiable with respect to each pollutant for which ambient air quality standards have been adopted; further designates certain attainment and unclassifiable areas of the state as air quality maintenance areas for particular pollutants; classifies all areas of the state as Class I, Class II, or Class III for determining which set of prevention of significant deterioration (PSD) increments apply; and designates all attainment and unclassifiable areas of the state as one or more PSD areas for determining which pollutant-specific PSD baseline dates apply. This chapter also sets forth procedures for redesignating and reclassifying areas as above.

(3) The Department of Environmental Protection adopts this chapter to identify the Florida State Implementation Plan (SIP) required by the U.S. Environmental Protection Agency pursuant to 40 C.F.R. Part 51; to set forth the public notice and hearing requirements that the Department will adhere to for making SIP revisions; and to set forth the definitions, criteria, and procedures that the Department will use to review a federal agency's general conformity determination, made pursuant to 40 C.F.R. Part 51, Subpart W; and to adopt by reference an interagency memorandum of agreement that the Department will comply with to review any transportation conformity determination, made pursuant to 40 C.F.R. Part 51, Subpart T. The provisions to 40 C.F.R. 51.853 require that a federal agency make a general conformity determination for any federal agency action in a nonattainment or maintenance area, to ensure that such action is consistent with the SIP and that such federal conformity determination be reviewed by the affected state. The provisions of 40 C.F.R. 51.394 require that a transportation conformity determination be made for the adoption, acceptance, approval, or support of certain transportation plans, transportation improvement programs, and transportation projects in nonattainment and maintenance areas for transportation-related criteria pollutants to ensure that such actions are consistent with the SIP.

(4) Finally, this chapter adopts and incorporates by reference federal air pollution control regulations which are referenced in whole or in part throughout the Department's air pollution control rules.

Specific Authority 403.061, 403.8055 FS. Law Implemented 403.021, 403.031, 403.061, 403.8055 FS. History—New 11-30-94, Amended 3-13-96.

62-204.200 Definitions.

The following words and phrases when used in this chapter, unless content clearly indicates otherwise, have the following meanings:

(1) "Actual Emissions" – The actual rate of emission of a pollutant from an emissions unit as determined in accordance with the following provisions.

62-204.500 Conformity.

(1) General Conformity. The provisions of this rule apply to state review of all federal general conformity determinations submitted to the state pursuant to 40 C.F.R. Part 51, Subpart W, adopted and incorporated by reference at Rule 62-204.800, F.A.C. Pursuant to 40 C.F.R. Part 51, Subpart W, federal agencies are required to make conformity determinations to ensure that certain federal actions are consistent with the State Implementation Plan.

(a) Definitions. In addition to the definitions in Rule 62-204.200, F.A.C., the definitions used in reviewing federal general conformity determinations shall be the definitions in 40 C.F.R. 51.852.

(b) Criteria. The criteria for reviewing federal general conformity determinations shall be the criteria in 40 C.F.R. 51.858.

(c) Procedures. The procedures for reviewing federal general conformity determinations shall be the procedures in 40 C.F.R. 51.859.

(d) Mitigation of Air Quality Impacts.

1. A federal general conformity determination submitted to the Department for review must contain, at a minimum, the following before the Department can make a positive finding of conformity in its review.

a. Any measures that are intended to mitigate air quality impacts must be identified, and the process for implementation and enforcement of such measures must be described including an implementation schedule containing explicit timelines for implementation.

b. Written commitments to take any mitigation measures from all persons or agencies committing to such measures.

2. A positive finding of conformity by the Department in any review of a federal general conformity determination is expressly based, in part, on reliance that all written commitments for mitigation measures shall be fulfilled by the timelines set out in such written commitments. Failure to fulfill such mitigation measures by the explicit timelines expressed in the written commitments shall nullify a positive Department review finding of conformity as of midnight of the date of the unfulfilled expressed timeline.

(2) Transportation Conformity. Pursuant to 40 C.F.R. 93.105, adopted and incorporated by reference at Rule 62-204.800, F.A.C., the Department has certain consultation and conflict resolution responsibilities in the transportation conformity process. The Department will carry out these responsibilities for transportation conformity pursuant to the interagency memorandum of agreement as revised in 1998 and hereby adopted and incorporated by reference.

Specific Authority 403.061 FS. Law Implemented 403.031, 403.061 FS. History--New 11-30-94, Amended 3-13-96, 3-23-97, 9-1-98.

62-204.800 Federal Regulations Adopted by Reference.

All federal regulations cited throughout the air pollution rules of the Department are adopted and incorporated by reference in this rule. The purpose and effect of each such federal regulation is determined by the context in which it is cited. Procedural and substantive requirements in the incorporated federal regulations are binding as a matter of state law only where the context so provides.

(1) Title 40, Code of Federal Regulations, Part 50, National Primary and Secondary Ambient Air Quality Standards.

(a) The provisions of 40 CFR Part 50, Sections 50.1 through 50.12, revised as of July 1, 2006; Section 50.13, promulgated October 17, 2006, at 71 FR 61143; and Section 50.14, promulgated March 22, 2007, at 72 FR 13559; amended May 22, 2007, at 72 FR 28612; are adopted and incorporated by reference.

(b) The following appendices of 40 CFR Part 50, revised as of July 1, 2006, or later as specifically indicated, are adopted and incorporated by reference:

1. 40 CFR 50, Appendix A, Reference Method for the Determination of Sulfur Dioxide in the Atmosphere (Pararosaniline Method).

2. 40 CFR 50, Appendix B, Reference Method for Determination of Suspended Particulate Matter in the Atmosphere (High-Volume Method).

3. 40 CFR 50, Appendix C, Measurement Principle and Calibration Procedure for the Measurement of Carbon Monoxide in the Atmosphere (Non-Dispersive Infrared Photometry).

4. 40 CFR 50, Appendix D, Measurement Principle and Calibration Procedure for the Measurement of Ozone in the

(4) Title 40, Code of Federal Regulations, Part 53, Ambient Air Monitoring Reference and Equivalent Methods.

The following subparts of 40 CFR Part 53, revised as of July 1, 2006, or later as specifically indicated, are adopted and incorporated by reference:

(a) 40 CFR 53, Subpart A, General Provisions; amended October 17, 2006, at 71 FR 61235.

(b) 40 CFR 53, Subpart B, Procedures for Testing Performance Characteristics of Automated Methods for SO₂, CO, O₃, and NO₂.

(c) 40 CFR 53, Subpart C, Procedures for Determining Comparability Between Candidate Methods and Reference Methods; amended October 17, 2006, at 71 FR 61235; amended June 12, 2007, at 72 FR 32193.

(d) 40 CFR 53, Subpart D, Procedures for Testing Performance Characteristics of Methods for PM₁₀.

(e) 40 CFR 53, Subpart E, Procedures for Testing Physical (Design) and Performance Characteristics of Reference Methods and Class I and Class II Equivalent Methods for PM_{2.5} or PM_{10-2.5}; amended October 17, 2006, at 71 FR 61235; amended June 12, 2007, at 72 FR 32193.

(f) 40 CFR 53, Subpart F, Performance Specifications for PM_{2.5} Class II Equivalent Samplers; amended October 17, 2006, at 71 FR 61235; amended June 12, 2007, at 72 FR 32193.

(5) Title 40, Code of Federal Regulations, Part 55, Outer Continental Shelf Air Regulations.

(a) The provisions of 40 CFR Part 55, Sections 55.1 through 55.15, revised as of July 1, 2001, are adopted and incorporated by reference.

(b) The following appendices of 40 CFR Part 55, revised as of July 1, 2001, or later as specifically indicated, are adopted and incorporated by reference:

Appendix A, Listing of State and Local Requirements Incorporated by Reference into Part 55, by State.

(6) Title 40, Code of Federal Regulations, Part 58, Ambient Air Quality Surveillance.

(a) The following subparts of 40 CFR Part 58, revised as of July 1, 2006, or later as specifically indicated, are adopted and incorporated by reference:

1. 40 CFR 58, Subpart A, General Provisions; amended October 17, 2006, at 71 FR 61235.

2. 40 CFR 58, Subpart B, Monitoring Network, amended October 17, 2006, at 71 FR 61235; amended June 12, 2007, at 72 FR 32193.

3. 40 CFR 58, Subpart C, Special Purpose Monitors; amended October 17, 2006, at 71 FR 61235; amended June 12, 2007, at 72 FR 32193.

4. 40 CFR 58, Subpart D, Comparability of Ambient Data to NAAQS; amended October 17, 2006, at 71 FR 61235.

5. 40 CFR 58, Subpart F, Air Quality Index Reporting; amended October 17, 2006, at 71 FR 61235.

6. 40 CFR 58, Subpart G, Federal Monitoring; amended October 17, 2006, at 71 FR 61235.

(b) The following appendices of 40 CFR Part 58, revised as of July 1, 2006, or later as specifically indicated, are adopted and incorporated by reference:

1. 40 CFR 58, Appendix A, Quality Assurance Requirements for SLAMS, SPMs and PSD Air Monitoring; amended October 17, 2006, at 71 FR 61235; amended June 12, 2007, at 72 FR 32193.

2. 40 CFR 58, Appendix C, Ambient Air Quality Monitoring Methodology; amended October 17, 2006, at 71 FR 61235.

3. 40 CFR 58, Appendix D, Network Design Criteria for Ambient Air Quality Monitoring; amended October 17, 2006, at 71 FR 61235; amended June 12, 2007, at 72 FR 32193.

4. 40 CFR 58, Appendix E, Probe and Monitoring Path Siting Criteria for Ambient Air Quality Monitoring; amended October 17, 2006, at 71 FR 61235.

5. 40 CFR 58, Appendix G, Uniform Air Quality Index (AQI) and Daily Reporting.

(7) Title 40, Code of Federal Regulations, Part 59, National Volatile Organic Compound Emission Standards For Consumer And Commercial Products. Standards Adopted. The following National Volatile Organic Compound Emission Standards For Consumer And Commercial Products contained in 40 CFR Part 59, revised as of July 1, 2001, or later as specifically indicated, are adopted and incorporated by reference:

(a) 40 CFR 59, Subpart B, Automobile Refinish Coatings.

(b) 40 CFR 59, Subpart C, Consumer Products.

(c) 40 CFR 59, Subpart D, Architectural Coatings.

(8) Title 40, Code of Federal Regulations, Part 60, Standards of Performance for New Stationary Sources.

(a) Definitions. For the purposes of subsection 62-204.800(8), F.A.C., the definitions contained in the various provisions of 40 CFR Part 60 adopted herein shall apply, except that the term "Administrator," when used in any provision of 40 CFR Part 60 that is delegated to the Department by the U.S. Environmental Protection Agency, shall mean the Secretary or the Secretary's designee.

(b) Standards Adopted. The following Standards of Performance for New Stationary Sources contained in 40 CFR Part 60, revised as of July 1, 2001, or later as specifically indicated, are adopted and incorporated by reference:

1. 40 CFR 60, Subpart D, Fossil-Fuel-Fired Steam Generators for Which Construction is Commenced After August 17, 1971; amended June 13, 2007, at 72 FR 32709.

2. 40 CFR 60, Subpart Da, Electric Utility Steam Generators for Which Construction Is Commenced After September 18, 1978; amended August 14, 2001, at 66 FR 42608; amended May 18, 2005, at 70 FR 28605; amended August 30, 2005, at 70 FR 51266; amended February 27, 2006, at 71 FR 9865; amended June 13, 2007, at 72 FR 32709; except that the Secretary is not the Administrator for purposes of 40 CFR 60.47a.

3. 40 CFR 60, Subpart Db, Industrial-Commercial-Institutional Steam Generating Units; amended August 14, 2001, at 66 FR 42608; amended October 1, 2001, at 66 FR 49830; amended February 27, 2006, at 71 FR 9865; amended November 16, 2006, at 71 FR 66681; amended June 13, 2007, at 72 FR 32709; except that the Secretary is not the Administrator for purposes of 40 CFR 60.44b(f) and (g) and 40 CFR 60.49b(a)(4).

4. 40 CFR 60, Subpart Dc, Small Industrial-Commercial-Institutional Steam Generating Units; amended February 27, 2006, at 71 FR 9865; amended June 13, 2007, at 72 FR 32709; except that the Secretary is not the Administrator for the purposes of 40 CFR 60.48c(a)(4).

5. 40 CFR 60, Subpart E, Incinerators; amended October 30, 2003, at 68 FR 61759.

6. 40 CFR 60, Subpart Ea, Municipal Waste Combustors for Which Construction is Commenced After December 20, 1989, and on or Before September 20, 1994.

7. 40 CFR 60, Subpart Eb, Large Municipal Waste Combustors for Which Construction is Commenced After September 20, 1994, or for Which Modification or Reconstruction is Commenced After June 19, 1996; amended July 12, 2001, at 66 FR 36473; amended November 16, 2001, at 66 FR 57824; amended May 10, 2006, at 71 FR 27324. Any municipal waste combustor plant which contains a municipal waste combustor unit subject to 40 CFR 60, Subpart Eb, is subject to the permitting requirements of Chapter 62-213, F.A.C. Any municipal waste combustor plant subject to the permitting requirements of Chapter 62-213, F.A.C., solely because it is subject to 40 CFR 60, Subpart Eb, shall file an application for an operation permit under the requirements of Chapter 62-213, F.A.C., ninety days before expiration of the source's construction permit, but no later than 180 days after commencing operation.

8. 40 CFR 60, Subpart Ec, Hospital/Medical/Infectious Waste Incinerators for Which Construction is Commenced After June 20, 1996; except that the Secretary is not the Administrator for purposes of 40 CFR 60.56 (c)(i).

9. 40 CFR 60, Subpart F, Portland Cement Plants.

10. 40 CFR 60, Subpart G, Nitric Acid Plants.

11. 40 CFR 60, Subpart H, Sulfuric Acid Plants.

12. 40 CFR 60, Subpart I, Hot Mix Asphalt Facilities.

13. 40 CFR 60, Subpart J, Petroleum Refineries.

14. 40 CFR 60, Subpart K, Storage Vessels for Petroleum Liquids for Which Construction, Reconstruction, or Modification Commenced After June 11, 1973, and Prior to May 19, 1978.

15. 40 CFR 60, Subpart Ka, Storage Vessels for Petroleum Liquids for Which Construction, Reconstruction, or Modification Commenced After May 18, 1978, and Prior to July 23, 1984; except that the Secretary is not the Administrator for purposes of 40 CFR 60.114a.

16. 40 CFR 60, Subpart Kb, Volatile Organic Liquid Storage Vessels (Including Petroleum Liquid Storage Vessels) for Which Construction, Reconstruction, or Modification Commenced After July 23, 1984; amended October 15, 2003, at 68 FR 59328.

17. 40 CFR 60, Subpart L, Secondary Lead Smelters.

18. 40 CFR 60, Subpart M, Secondary Brass & Bronze Production Plants.

19. 40 CFR 60, Subpart N, Primary Emissions from Basic Oxygen Process Furnaces for Which Construction is Commenced After June 11, 1973.

which regulates emissions of pollutants or emissions units not regulated by an applicable Standard of Performance, shall apply.

(d) General Provisions Adopted. The general provisions of 40 CFR Part 60, Subpart A, revised as of July 1, 2001; amended August 27, 2001, at 66 FR 44978; amended July 8, 2004, at 69 FR 41346; amended May 18, 2005, at 70 FR 28605; amended December 16, 2005, at 70 FR 74869; amended June 1, 2006, at 71 FR 31100; amended July 6, 2006, at 71 FR 38481; amended July 11, 2006, at 71 FR 39153; amended May 16, 2007, at 72 FR 27437; amended June 13, 2007, at 72 FR 32709; are adopted and incorporated by reference except that the Secretary is not the Administrator for purposes of 40 CFR 60.4, 40 CFR 60.8(b)(2) and (3), 40 CFR 60.11(e)(7) and (8), 40 CFR 60.13(g), (i) and (j)(2), and 40 CFR 60.16.

(e) Appendices Adopted. The following appendices of 40 CFR Part 60, revised as of July 1, 2001, or later as specifically indicated, are adopted and incorporated by reference:

1. 40 CFR 60, Appendix A-1, Test Methods 1 through 2F.
2. 40 CFR 60, Appendix A-2, Test Methods 2G through 3C; amended May 15, 2006, at 71 FR 28081; amended September 7, 2007, at 72 FR 51365.
3. 40 CFR 60, Appendix A-3, Test Methods 4 through 5I.
4. 40 CFR 60, Appendix A-4, Test Methods 6 through 10B; amended May 15, 2006, at 71 FR 28081; amended September 7, 2007, at 72 FR 51365.
5. 40 CFR 60, Appendix A-5, Test Methods 11 through 15A.
6. 40 CFR 60, Appendix A-6, Test Methods 16 through 18.
7. 40 CFR 60, Appendix A-7, Test Methods 19 through 25E; amended May 15, 2006, at 71 FR 28081; amended September 21, 2006, at 71 FR 55119; amended September 7, 2007, at 72 FR 51365.
8. 40 CFR 60, Appendix A-8, Test Methods 26 through 30B; amended September 7, 2007, at 72 FR 51493.
9. 40 CFR 60, Appendix B, Performance Specifications, amended January 12, 2004, at 69 FR 1785; amended May 18, 2005, at 70 FR 28605; amended September 21, 2006, at 71 FR 55119; amended June 13, 2007, at 72 FR 32709.
10. 40 CFR 60, Appendix C, Determination of Emission Rate Change.
11. 40 CFR 60, Appendix D, Required Emission Inventory Information.
12. 40 CFR 60, Appendix F, Quality Assurance Procedures, amended January 12, 2004, at 69 FR 1785; amended June 13, 2007, at 72 FR 32709.

(9) Title 40, Code of Federal Regulations, Part 60, Emission Guidelines and Compliance Times.

(a) General Applicability and Definitions.

1. The Emission Guidelines for Existing Sources adopted by reference in this rule shall be controlling over other standards in the air pollution rules of the Department except that any emissions limiting standard contained in or determined pursuant to the air pollution rules of the Department which is more stringent than one contained in an Emission Guideline, or which regulates emissions of pollutants or emissions units not regulated by an applicable Emission Guideline, shall apply.

2. For the purposes of subsection 62-204.800(9), F.A.C., the definitions contained in the various provisions of 40 CFR Part 60 adopted herein shall apply, except that the term "Administrator," when used in any provision of 40 CFR Part 60 that is delegated to the Department by the U.S. Environmental Protection Agency, shall mean the Secretary or the Secretary's designee.

(b) Municipal Waste Combustors. 40 CFR 60, Subpart Cb, Emission Guidelines and Compliance Times for Large Municipal Waste Combustors That Are Constructed on or Before September 20, 1994, revised as of July 1, 2001, amended July 14, 2004, at 69 FR 42117; amended May 10, 2006, at 71 FR 27324; is hereby adopted and incorporated by reference, subject to the following provisions:

1. Applicability. The applicability of paragraph 62-204.800(9)(b), F.A.C., shall be the same as set forth in 40 CFR 60.32b.
2. Definitions. For purposes of paragraph 62-204.800(9)(b), F.A.C., the definitions in 40 CFR 60.31b shall apply.
3. Emission Limiting Standards.
 - a. The emission limit for particulate matter shall be the same as set forth in 40 CFR 60.33b(a)(1)(i).
 - b. The opacity limit shall be the same as set forth in 40 CFR 60.33b(a)(1)(iii).
 - c. The emission limits for cadmium and lead shall be the same as set forth in 40 CFR 60.33b(a)(2)(i) and (a)(4).
 - d. The emission limit for mercury shall be the same as set forth in 40 CFR 60.33b(a)(3) except that, where applicable, the emission limiting standards of Rule 62-296.416, F.A.C., also shall apply.
 - e. The emission limit for sulfur dioxide shall be the same as set forth in 40 CFR 60.33b(b)(1)(i) and (b)(3)(i).
 - f. The emission limit for hydrogen chloride shall be the same as set forth in 40 CFR 60.33b(b)(2)(i) and (b)(3)(ii).

g. The emission limit for total mass dioxin/furans (tetra- through octa-chlorinated dibenzo-p-dioxins and dibenzofurans) shall be the same as set forth in 40 CFR 60.33b(c)(1)(i), (c)(1)(ii), and (c)(1)(iii).

h. The emission limit for nitrogen oxides shall be the same as set forth in 40 CFR 60 Subpart Cb, Table 1, or 40 CFR 60.33b(d)(3) as applicable. Emissions averaging pursuant to 40 CFR 60.33b(d)(1) shall be allowed. 40 CFR 60.33b(d)(2) shall not apply.

i. The emission limit for carbon monoxide shall be the same as set forth in 40 CFR 60, Subpart Cb, Table 3.

4. Operating Practices. The operating practices applicable to each municipal waste combustor unit subject to paragraph 62-204.800(9)(b), F.A.C., shall be the same as set forth in 40 CFR 60.53b(b) and (c).

5. Operator Training. The operator training and certification requirements of 40 CFR 60.54b shall apply to all municipal waste combustor units subject to paragraph 62-204.800(9)(b), F.A.C. Compliance with these requirements shall be conducted according to the schedule specified in 40 CFR 60.39b(c)(4).

6. Fugitive Ash Emissions. The fugitive ash emissions requirements applicable to each municipal waste combustor unit subject to paragraph 62-204.800(9)(b), F.A.C., shall be the same as set forth in 40 CFR 60.55b.

7. Compliance and Performance Testing.

a. The compliance and performance testing requirements applicable to each municipal waste combustor unit subject to paragraph 62-204.800(9)(b), F.A.C., shall be the same as set forth in 40 CFR 60.58b, except as provided for under 40 CFR 60.24(b)(2) and subparagraph 62-204.800(9)(b)7.b., F.A.C.

b. The alternative performance testing schedule for dioxins/furans specified in 40 CFR 60.58b(g)(5)(iii) shall apply to municipal waste combustor plants that achieve a dioxin/furan emission level less than or equal to 15 nanograms per dry standard cubic meter, corrected to 7 percent oxygen.

8. Reporting and Recordkeeping. The reporting and recordkeeping requirements applicable to each municipal waste combustor unit subject to paragraph 62-204.800(9)(b), F.A.C., shall be the same as set forth in 40 CFR 60.59b, except for the siting requirements under 40 CFR 60.59b(a), (b)(5) and (d)(11).

(c) Municipal Solid Waste Landfills. 40 CFR 60, Subpart Cc, Emission Guidelines and Compliance Times for Municipal Solid Waste Landfills, revised as of July 1, 2001, is hereby adopted and incorporated by reference, subject to the following provisions:

1. Applicability.

a. The facility to which paragraph 62-204.800(9)(c), F.A.C., applies is each existing municipal solid waste (MSW) landfill:

(i) For which construction, reconstruction or modification was commenced before May 30, 1991; and

(ii) Which has accepted waste at any time since November 8, 1987, or has additional design capacity available for future waste deposition.

b. Physical or operational changes made to an existing MSW landfill solely to comply with the provisions of paragraph 62-204.800(9)(c), F.A.C., are not considered a modification or reconstruction and would not subject an existing MSW landfill to the requirements of 40 CFR 60, Subpart WWW (see 40 CFR 60.750).

2. Definitions. The terms used but not defined in 40 CFR 60, Subpart Cc, have the meaning given to them in the Act and in Subparts A, B, and WWW of 40 CFR 60.

3. Standards for Air Emissions from MSW Landfills.

a. Each owner or operator of an MSW landfill subject to paragraph 62-204.800(9)(c), F.A.C., and which also meets the following conditions as of December 31, 1996, shall comply with the provisions of 40 CFR 60.752(b)(2)(i) through (v) commencing from December 31, 1996.

(i) The landfill has a design capacity greater than or equal to 2.5 million Megagrams and 2.5 million cubic meters. The landfill may calculate design capacity in either Megagrams or cubic meters for comparison with the exemption values. Any density conversions shall be documented and submitted with the initial design capacity report and any application for a solid waste permit; and

(ii) The landfill has a nonmethane organic compound (NMOC) emission rate of 50 Megagrams per year or more.

b. Any MSW landfill which has a design capacity greater than or equal to 2.5 million Megagrams and 2.5 million cubic meters but whose NMOC emission rate as of December 31, 1996, is less than 50 Megagrams per year shall comply with the provisions of 40 CFR 60.752(b)(2)(i) through (v) commencing from December 31 of the first year after 1996 for which the nonmethane organic compound emission rate equals or exceeds 50 Megagrams per year.

Friday, Barbara

To: mhammond@swa.org
Cc: mmorrison@swa.org; hernandezmj@cdm.com; Anderson, Lennon; 'James_Stormer@doh.state.fl.us'; Halpin, Mike; Gibson, Victoria; Walker, Elizabeth (AIR)
Subject: Additional Information, File Numbers 0990234-020-AV and 0990234-019-AC - North County Resource Recovery Facility (RRF)
Attachments: MarkHammondNorthCountyRRFFileNumbers0990234-020-AVand0990234-019-AC.pdf; Chapter62-204.pdf

Dear Sir/Madam:

Please send a "reply" message verifying receipt of the attached document(s); 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". We must receive verification of receipt and your reply will preclude subsequent e-mail transmissions to verify receipt of the document(s).

The document(s) may require immediate action within a specified time frame. Please open and review the document(s) as soon as possible.

The document is in Adobe Portable Document Format (pdf). Adobe Acrobat Reader can be downloaded for free at the following internet site: <<http://www.adobe.com/products/acrobat/readstep.html>> .

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. Please advise this office of any changes to your e-mail address or that of the Engineer-of-Record.

Thank you,

Barbara Friday
Division of Air Resource Management (DARM)
Department of Environmental Protection
850/717-9095
Barbara.Friday@dep.state.fl.us

Friday, Barbara

From: Microsoft Exchange
To: mhammond@swa.org; 'mmorrison@swa.org'
Sent: Monday, January 10, 2011 3:29 PM
Subject: Delivery Delayed: Additional Information, File Numbers 0990234-020-AV and 0990234-019-AC - North County Resource Recovery Facility (RRF)

Delivery is delayed to these recipients or distribution lists:

mhammond@swa.org

'mmorrison@swa.org'

Subject: Additional Information, File Numbers 0990234-020-AV and 0990234-019-AC - North County Resource Recovery Facility (RRF)

This message has not yet been delivered. Microsoft Exchange will continue to try delivering the message on your behalf.

Delivery of this message will be attempted until 1/15/2011 11:22:56 AM (GMT-05:00) Eastern Time (US & Canada). Microsoft Exchange will notify you if the message can't be delivered by that time.

Sent by Microsoft Exchange Server 2007

Friday, Barbara

From: Mark Hammond [mhammond@swa.org]
Sent: Tuesday, January 11, 2011 8:17 AM
To: Friday, Barbara
Subject: RE: Additional Information, File Numbers 0990234-020-AV and 0990234-019-AC - North County Resource Recovery Facility (RRF)

I have received the documents.

Thank you,
Mark Hammond

From: Friday, Barbara [mailto:Barbara.Friday@dep.state.fl.us]
Sent: Monday, January 10, 2011 11:25 AM
To: Mark Hammond
Cc: Marybeth Morrison; hernandezmj@cdm.com; Anderson, Lennon; James Stormer@doh.state.fl.us; Halpin, Mike; Gibson, Victoria; Walker, Elizabeth (AIR)
Subject: Additional Information, File Numbers 0990234-020-AV and 0990234-019-AC - North County Resource Recovery Facility (RRF)

Dear Sir/Madam:

Please send a "reply" message verifying receipt of the attached document(s); 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". We must receive verification of receipt and your reply will preclude subsequent e-mail transmissions to verify receipt of the document(s).

The document(s) may require immediate action within a specified time frame. Please open and review the document(s) as soon as possible.

The document is in Adobe Portable Document Format (pdf). Adobe Acrobat Reader can be downloaded for free at the following internet site: <<http://www.adobe.com/products/acrobat/readstep.html>> .

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. Please advise this office of any changes to your e-mail address or that of the Engineer-of-Record.

Thank you,

Barbara Friday
Division of Air Resource Management (DARM)
Department of Environmental Protection
850/717-9095
Barbara.Friday@dep.state.fl.us

The Department of Environmental Protection values your feedback as a customer. DEP Secretary Mimi Drew 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.

Friday, Barbara

From: Microsoft Exchange
To: hernandezmj@cdm.com
Sent: Monday, January 10, 2011 11:32 AM
Subject: Relayed: Additional Information, File Numbers 0990234-020-AV and 0990234-019-AC - North County Resource Recovery Facility (RRF)

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

hernandezmj@cdm.com

Subject: Additional Information, File Numbers 0990234-020-AV and 0990234-019-AC - North County Resource Recovery Facility (RRF)

Sent by Microsoft Exchange Server 2007

Friday, Barbara

From: Hernandez, Manuel [HernandezMJ@cdm.com]
To: Friday, Barbara
Sent: Monday, January 10, 2011 11:37 AM
Subject: Read: Additional Information, File Numbers 0990234-020-AV and 0990234-019-AC - North County Resource Recovery Facility (RRF)

Your message was read on Monday, January 10, 2011 11:37:09 AM (GMT-05:00) Eastern Time (US & Canada).

Friday, Barbara

From: Anderson, Lennon
To: Friday, Barbara
Sent: Monday, January 10, 2011 11:26 AM
Subject: Read: Additional Information, File Numbers 0990234-020-AV and 0990234-019-AC - North County Resource Recovery Facility (RRF)

Your message was read on Monday, January 10, 2011 11:26:16 AM (GMT-05:00) Eastern Time (US & Canada).

Friday, Barbara

From: Microsoft Exchange
To: Halpin, Mike; Gibson, Victoria; Anderson, Lennon
Sent: Monday, January 10, 2011 11:25 AM
Subject: Delivered: Additional Information, File Numbers 0990234-020-AV and 0990234-019-AC - North County Resource Recovery Facility (RRF)

Your message has been delivered to the following recipients:

Halpin, Mike

Gibson, Victoria

Anderson, Lennon

Subject: Additional Information, File Numbers 0990234-020-AV and 0990234-019-AC - North County Resource Recovery Facility (RRF)

Sent by Microsoft Exchange Server 2007

Friday, Barbara

From: Halpin, Mike
Sent: Monday, January 10, 2011 11:29 AM
To: Friday, Barbara
Subject: Delivered: Additional Information, File Numbers 0990234-020-AV and 0990234-019-AC - North County Resource Recovery Facility (RRF)
Attachments: ATT00001

Your message was delivered to the recipient.

Friday, Barbara

From: Gibson, Victoria
To: Friday, Barbara
Sent: Monday, January 10, 2011 11:40 AM
Subject: Read: Additional Information, File Numbers 0990234-020-AV and 0990234-019-AC - North County Resource Recovery Facility (RRF)

Your message was read on Monday, January 10, 2011 11:39:40 AM (GMT-05:00) Eastern Time (US & Canada).

Friday, Barbara

From: Microsoft Exchange
To: Walker, Elizabeth (AIR)
Sent: Monday, January 10, 2011 11:25 AM
Subject: Delivered: Additional Information, File Numbers 0990234-020-AV and 0990234-019-AC - North County Resource Recovery Facility (RRF)

Your message has been delivered to the following recipients:

Walker, Elizabeth (AIR)

Subject: Additional Information, File Numbers 0990234-020-AV and 0990234-019-AC - North County Resource Recovery Facility (RRF)

Sent by Microsoft Exchange Server 2007