

Florida Department of Environmental Protection

Memorandum

TO: Joseph Kahn, Division of Air Resource Management
THROUGH: Trina L. Vielhauer, Bureau of Air Regulation
Jon Holtom, P.E., Title V Section
FROM: Scott M. Sheplak, P.E., Title V Section
DATE: December 12, 2008
SUBJECT: Title V Air Operation Permit No. 0990234-013-AV

Solid Waste Authority of Palm Beach County
North County Resource Recovery Facility
Final Title V Air Operation Permit Revision

The subject of this permitting action is the revision of Title V air operation permit No. 0990234-010-AV for the existing North County Resource Recovery Facility, which is located in Palm Beach County, Florida. The permit revision is for inclusion of the air construction (AC) project, Permit No. 0990234-012-AC.

The attached Final Determination identifies issuance of the Draft permit, the Proposed permit, and summarizes the publication process. There were no comments received from the US EPA Region 4 in response to the Proposed permit; Day 45 was December 11.

I recommend your approval of the attached Final Permit for this project.

TLV/jkh/sms

Attachments

NOTICE OF FINAL PERMIT

*In the Matter of an
Application for Permit by:*

Solid Waste Authority of Palm Beach County
7501 North Jog Road
West Palm Beach, Florida 33412

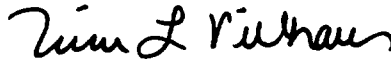
Permit No. 0990234-013-AV
North County Resource Recovery Facility
Title V Air Operation Permit Revision
Palm Beach County

Responsible Official:
Mr. Mark Hammond
Executive Director

Enclosed is the final permit package to revise the Title V air operation permit for the North County Resource Recovery Facility. **Only the changes made to the Title V air operation permit as a result of this revision are provided.** This existing facility is located in Palm Beach County at 7501 North Jog Road, West Palm Beach, Florida. This permit is issued pursuant to Chapter 403, Florida Statutes.

Any party to this order (permit) 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/jh/sms

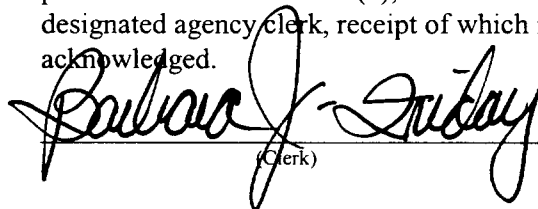
CERTIFICATE OF SERVICE

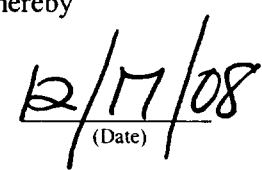
The undersigned duly designated deputy agency clerk hereby certifies that this Notice of Final Permit (including the Final Determination and the Final Permit), or a link to these documents available electronically on a publicly accessible server, was sent by electronic mail with received receipt requested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

Mr. Mark Hammond, SWA: mhammond@swa.org
Mr. Manuel Hernandez, P.E., CDM: hernandezmj@cdm.com
Mr. Joe Lurix, DEP Southeast District Office: Joe.Lurix@dep.state.fl.us
Mr. James Stormer, PBCHD: James_Stormer@doh.state.fl.us
Mr. Mike Halpin, P.E., DEP Siting Coordination Office: Mike.Halpin@dep.state.fl.us
Ms. Katy R. Forney, US EPA, Region 4: Forney.Kathleen@epamail.epa.gov
Ms. Ana Oquendo, US EPA, Region 4: oquendo.ana@epamail.epa.gov
Ms. Barbara Friday, DEP BAR: Barbara.Friday@dep.state.fl.us (for posting with US 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.


(Clerk)


(Date)

FINAL DETERMINATION

PERMITTEE

Solid Waste Authority of Palm Beach County
7501 North Jog Road
West Palm Beach, Florida 33412

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 No. 0990234-013-AV
North County Resource Recovery Facility

The purpose of this project is to revise the Title V air operation permit to include the air construction (AC) project, Permit No. 0990234-012-AC. Permit No. 0990234-012-AC was issued on October 24, 2008.

NOTICE AND PUBLICATION

The Department distributed a Written Notice of Intent to Issue Permit package on September 3, 2008. The applicant published the Public Notice of Intent to Issue in the Palm Beach Post on September 8, 2008. The Department received the proof of publication on September 10, 2008. A Proposed permit was issued for US EPA review on October 27, 2008.

COMMENTS

No comments on the Proposed Permit were received from the US EPA Region 4 Office.

CONCLUSION

The final action of the Department is to issue the Final permit with no changes.

Title V Air Operation Permit Revision
Final Permit No. 0990234-013-AV

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STATEMENT OF BASIS

Solid Waste Authority of Palm Beach
North County Regional Resource Recovery Facility

Title V Air Operation Permit Revision, Final Permit No. 0990234-013-AV

This permit (project) authorizes the following activities at the facility:

- Replacement of the existing Class I, 3500 standard cubic feet per minute (scfm) flare with a new similar 3,500 scfm flare;
- Replacement of the existing Class III landfill gas flare with the existing Class I landfill gas flare, which will be de-rated to 1800 scfm to match the permitted capacity;
- Retention of the existing Class III 1800 scfm landfill gas flare for back up use; and,
- Addition of one emergency generator, an engine, at the new operations building.

This existing facility is located at 6501 North Jog Road, West Palm Beach, Palm Beach County; UTM Coordinates: Zone 17, 585.82 km East and 2960.474 km North; Latitude: 26° 45' 53" North and Longitude: 80° 08' 12" 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 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.

Below is a brief overview of the changes made in this permit revision compared to the most recently issued/posted Title V permit on the web site, Permit No. 0990234-010-AV.

- The facility requested a concurrent air construction (AC) permit/Title permit revision for this project. The AC permit, Permit No. 0990234-012-AC, is incorporated into the Title V air operation permit in Subsection III.B. along with a Compliance Plan, attached as Appendix CP-1.
- This facility is a major source of hazardous air pollutants (HAP). The RICE MACT Subpart ZZZZ applies to the new proposed engine since it is an emergency generator, a stationary RICE with a rating of less than 500 brake HP, and a compression ignition (CI). The engine uses low sulfur diesel fuel and is added in Subsection III.C. of the permit as a regulated emissions unit.

The following Department initiated changes are made in this permitting action:

- As a result of a recent rule change to Rule 62-213.420(1)(a)2., F.A.C., the Renewal Application Due Date for Permit No. 0990234-010-AV as shown on the placard page of the permit is changed **from:** January 3, 2011 **to:** November 19, 2010. {The rule change requires the renewal application to be submitted 225 days prior to expiration instead of the previous 180 days.}

Solid Waste Authority of Palm Beach County
North County Regional Resource Recovery Facility
Facility ID No. 0990234
Palm Beach County

Title V Air Operation Permit Revision
(1st revision to Permit No. 0990234-010-AV)

Final Permit No. 0990234-013-AV

Permitting Authority:

State of Florida
Department of Environmental Protection
Division of Air Resource Management
Bureau of Air Regulation
Title V Section
Mail Station #5505
2600 Blair Stone Road
Tallahassee, Florida 32399-2400
Telephone: 850/488-0114
Fax: 850/922-6979

Compliance Authority:

Southeast District Office
400 North Congress Avenue
West Palm Beach, FL 33401
Telephone: 561/681-6600
Fax: 561/681-6755

version dated December 12, 2008



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:

Solid Waste Authority of Palm Beach County
North County Resource Recovery Facility
West Palm Beach, Florida 33412

Final Permit No. 0990234-013-AV

Facility ID No. 0990234

SIC Nos. 49, 4953

Project: Title V Air Operation Permit Revision
& Air Construction Permit

This project is for a permit to revise Title V air operation permit, Permit No. 0990234-010-AV, concurrently with an air construction (AC) permit, Permit No. 0990234-012-AC. The AC permit is primarily for changes being made to the flares at the landfills, specifically: (1) the replacement of an existing flare; (2) the de-rating & relocation of an existing flare; and, (3) the conversion of one of the existing flares to back up use only. The AC permit also reflects the installation of a new emergency generator at the new operations building. The proposed emergency generator is an engine which has been "Environmental Protection Agency (EPA) Tier 3 certified" according to Caterpillar[®], the manufacturer.

This existing facility, the Solid Waste Authority of Palm Beach County, North County Regional Resource Recovery Facility, is located at 6501 North Jog Road, West Palm Beach, Palm Beach County; UTM Coordinates: Zone 17, 585.82 km East and 2960.474 km North; Latitude: 26° 45' 53" North and Longitude: 80° 08' 12" 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 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 permitting action:

Appendix CP-1, Compliance Plan

Appendix 40 CFR 63, Subpart ZZZZ

Appendix 40 CFR 60 Subpart IIII

Appendix U-1, List of Unregulated Emissions Units and/or Activities

Appendix I-1, List of Insignificant Emissions Units and/or Activities

0990234-010-AV Effective Date: July 2, 2006

Revision Effective Date: December 12, 2008

Renewal Application Due Date: November 19, 2010

Expiration Date: July 2, 2011

Joseph Kahn, Director
Division of Air Resource Management

JK/tlv/jkh/sms

Section I. Facility Information.

Subsection A. Facility Description.

This facility consists of a *large* municipal waste combustor plant designed to process 2,000 tons per day (TPD) of municipal solid waste (MSW). The facility burns processed MSW that is called “refuse derived fuel” (RDF). The RDF plant is equipped with three MSW processing lines, any two of which can handle the 2,000 TPD of incoming MSW. The boiler plant includes two B&W boilers, each designed to operate up to a maximum heat input of 412.5 MMBtu/hr with a steam flow rating of 324,000 lbs./hr. At a reference heating value of 5,500 Btu/lb., this is equivalent to 900 TPD of RDF per boiler. Emissions from each boiler are controlled by a B&W spray dryer followed by a B&W/BSH Krefield 4-field electrostatic precipitator (ESP). Each precipitator has a gas flow rating of 198,000 acfm and is designed to operate with three of the four fields in service. The turbine-generator rating of 62 MW matches the full output of the boilers.

Two landfills are on this property: a Class I Landfill and a Class III Landfill, each with its own gas collection system and flare. Additional facilities include: storage and handling facilities for RDF (waste) as well as storage and handling facilities for ash and ash treatment. Also, included in this permit are miscellaneous unregulated/insignificant emissions units and/or activities.

Based on the Title V air operation permit renewal application received on May 2, 2005, this facility is a major source of hazardous air pollutants (HAP).

Subsection B. Summary of Emissions Unit ID Nos. and Brief Descriptions.

E.U. ID Nos.	Brief Description
Regulated Emissions Units and/or Activities.	
-003	Class I Landfill (1,800 scfm Flare Removed)
-004	Class III Landfill and Existing (<i>De-rated</i>) Flare-1,800 scfm manufactured by Parnell Biogas.
-008	Class I Landfill and <i>New Replacement</i> Flare-3,500 scfm, manufactured by Shaw LFG Specialties, model number CF1238I10.
-020	Class III Landfill Existing Flare-1,800 scfm (<i>Backup use only</i> at the Class III Landfill) manufactured by LFG Specialties.
-021	<i>New engine</i> (emergency generator, < 500 hours/year) - ~220 brake HP (125 kW) manufactured by Caterpillar® (EPA Tier 3 certified), located at the new operations building.
Unregulated Emissions Units and/or Activities.	
-005	RDF Storage
-006	RDF Processing Lines
-007	Oversized Bulk Waste Processing Line
-017	Woody Waste Facility Diesel Engine
-018	Cooling Tower

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:

Appendix H-1, Permit History/ID Number Changes.
Statement of Basis

These documents are on file with the permitting authority:

Application for a Title V Air Operation Permit Revision received March 25, 2008.

Additional information response received June 6, 2008.

Draft Title V Air Operation Permit Revision clerked on September 3, 2008.

Public Notice published on September 8, 2008.

Comments from the applicant dated September 22, 2008, received October 1, 2008.

Proposed Permit posted on web site on October 27, 2008.

Section III. Emissions Unit(s) and Specific Conditions.

Subsection B. This section addresses the following emissions unit.

E.U. ID No.	Brief Description
-003	Class I Landfill (1,800 scfm Flare Removed)
-004	Class III Landfill and Existing (<i>De-rated</i>) Flare-1,800 scfm manufactured by Parnell Biogas.
-008	Class I Landfill and <i>New Replacement</i> Flare-3,500 scfm, manufactured by Shaw LFG Specialties, model number CF1238I10.
-020	Class III Landfill Existing Flare-1,800 scfm (<i>Backup use only</i> at the Class III Landfill) manufactured by LFG Specialties.

The facility currently has two flares with one located at each landfill, Class I and Class III. Under this project the facility will continue to have two flares, one permanently located at each landfill. The older flare currently in use at the Class III landfill will be kept on-site and used as a backup flare only at the Class III Landfill. Each flare is rated based on a maximum heat content of 550 BTU/scfm. The gas flow rates from the Class I and Class III landfill flares are 1,839.6 million ft³/year and 946.08 million ft³/year, respectively.

Permit No. 0990234-012-AC is primarily for changes being made to the flares at the landfills, specifically: (1) the replacement of an existing flare; (2) the de-ration & relocation of an existing flare; and, (3) the conversion of one of the existing flares to back up use only.

The existing Class I Landfill Flare, a 3,500 scfm flare (Emissions Unit ID No.-008) manufactured by Parnell Biogas will be replaced in its entirety with a new similar 3,500 scfm flare manufactured by Shaw LFG Specialties, model number CF1238I10 (kept under E.U. ID No. -008).

The existing Class I Landfill Flare (formerly under Emissions Unit ID No.-008), which had begun operations in 2004 will be de-rated to a 1,800 scfm flare (now under Emissions Unit ID No. -004). This de-rated flare will be relocated and used at the Class III landfill in place of the existing Class III flare. The applicant is required to follow a de-ration schedule (see Compliance Plan).

The existing 1,800 scfm Class III Landfill Flare (formerly under E.U. ID No. -004, now under E.U. ID No. -020), which began operations in 1999, will be used as a backup only.

Both landfills have a design capacity greater than 2.5 million megagrams by mass or 2.5 million cubic meters by volume. The design capacity of the Class I Landfill is 33,212,516 megagrams by mass and the Class III Landfill is 5,723,708 megagrams by mass. The landfills commenced construction in August 1988. A minor modification was requested and approved in 1994; expanding the landfills and changing the slopes. The Class I Landfill started receiving waste in August 1989 and the Class III Landfill started receiving waste in April 1990. The yearly waste acceptance at the Class I and Class III Landfills in FY2004 was 643,501 and 203,470 Mg/yr, respectively. The NMOC emissions are calculated to be greater than 50 megagrams per year. The landfills are collocated with a major source of HAPs; individually they are not major sources of HAPs. The landfills do not contain bioreactors. The Class I Landfill received asbestos from 1989-1993. In 1993, asbestos disposal was transferred to the Class III landfill, which continues to receive the material. Collection and control of landfill gas emissions began

in February 1996 for both landfills. The Class III Landfill is expected to close by 2016 and the Class I Landfill between 2023 and 2026.

{Permitting note(s): The landfills are subject to NSPS 40 CFR 60 Subparts WWW and A, NESHAP 40 CFR 63 Subparts AAAA and A, and Rule 62-212.400(5), F.A.C.}

The following Specific Conditions apply to the emissions units listed above:

B.0.a. These emissions units shall comply with **Appendix CP-1, Compliance Plan**, attached as a part of this permit.

[Rule 62-213.440(2), F.A.C.; and, Permit No. 0990234-012-AC]

B.0.b. Hours of Operation. These emissions units may operate continuously, i.e., 8,760 hours/year.

[Rule 62-210.200, F.A.C., Definitions-Potential to Emit (PTE); and, PSD-FL-108(D)]

B.0.c. Total landfill gas flow to the flares shall be continuously measured and recorded.

[Rules 62-4.160(2) and 62-4.070(3), F.A.C.; and, Permit No. 0990234-012-AC]

B.0.d. The Class III Landfill Existing Flare-1,800 scfm (formerly under E.U. ID No. -004, now under E.U. ID No. -020) is limited to back up on-site use only and shall not be operated simultaneously with any of the permanent flares.

[Rules 62-4.160(2), 62-210.200(PTE), and 62-4.070(3), F.A.C.; and, Permit No. 0990234-012-AC]

B.0.e. Sampling & Analysis of Sulfur Content of Gas. The sulfur content of each landfill's gas shall be sampled annually, analyzed and the results provided to the compliance authority with a copy to the Bureau of Air Regulation. The sulfur content each landfill's gas shall be analyzed at the inlet to the flare. ASTM Method D1072-90, or later method shall be used to determine the sulfur content of the gas. The sulfur content along with SO₂ emissions in tons per year (TPY) for each flare shall be included with the annual operating report (AOR). Based on the sampling results and Rule 62-297.310(7)(b), F.A.C., the Department may request additional gas sampling and analyses.

[Rules 62-4.070(3) and 62-297.310, F.A.C.; and, Permit No. 0990234-012-AC]

Section III. Emissions Unit(s) and Specific Conditions.

Subsection C. This section addresses the following emissions unit.

E.U. ID No.	Brief Description
-021	New engine (emergency generator, < 500 hours/year) - ~220 brake HP (125 kW) manufactured by Caterpillar® (EPA Tier 3 certified), located at the new operations building.

This engine is approximately a 220 brake horsepower (HP) large bore diesel engine, equipped with a 2.5 megawatt generator, Model TBGZHJ, with a displacement of 6 L (liters). The unit is proposed to be constructed in 2008. The generator provides peak demand reduction and emergency standby power. This engine uses low sulfur diesel fuel only.

This engine is a ‘new’ compression ignition (CI) stationary RICE unit under the RICE MACT contained at 40 CFR 63 Subpart ZZZZ. Therefore, this MACT does apply.

The following Specific Conditions apply to the emissions units listed above:

Essential Potential to Emit (PTE) Parameters

C.1. Capacity. This permit authorizes the operation of a new engine, an emergency generator, operating less than 500 hours/year, at the new operations building.
[Rules 62-4.160(2) and 62-210.200(PTE), F.A.C.; and, Permit No. 0990234-012-AC]

NSPS & RICE MACT Requirements

C.2. The emergency generator, an engine, shall comply with the newly promulgated 40 CFR 63 Subpart ZZZZ, otherwise referred to as the “RICE MACT,” adopted and incorporated by reference in Rules 62-204.800(11) & (8), F.A.C., attached as **Appendix 40 CFR 63, Subpart ZZZZ**, to this permit. Pursuant to 40 CFR 63.6590(c), the unit has elected to comply with the RICE MACT by meeting the requirements of the newly promulgated NSPS 40 CFR 60, Subpart IIII, attached as **Appendix 40 CFR 60 Subpart IIII**, to this permit. Pursuant to 40 CFR 63.6590(c), no further requirements apply to the engine under 40 CFR 63 Subpart ZZZZ.
[Rules 62-204.800(11) & (8), F.A.C.]

Appendix CP-1, Compliance Plan

Solid Waste Authority of Palm Beach County
North County Regional Resource Recovery Facility

Final Permit No. 0990234-013-AV

CP.1. Compliance Plan. All of the terms and conditions of Permit Number 0990234-012-AC authorizing the changes to the flares at the facility and the installation of a new emergency generator (engine) at the new operations building, are a part of this permit.

- a. Operation of the emissions units beyond the time frames established by the AC permit is allowed, provided the Department has received and verified properly signed and sealed certification statements from the Responsible Official (R.O.) and a licensed Florida Professional Engineer (P.E.) stating that: 1) the construction & modifications of the emissions units were completed in accordance with the AC permit; and, 2) the emissions units have been tested and compliance with the terms & conditions contained within the AC permit have properly been demonstrated prior to the expiration date of the AC permit.
- b. The P.E. and R.O. certification statements from DEP Form No. 62-210.900(1) shall be used and must be submitted to the Department within 105 days after achieving the maximum rate at which the emissions units will be operated, but no later than 180 days after initial start-up of the emissions units.
- c. Provide the manufacturer specification sheets for the emergency generator (engine) purchased showing the make, model number and the exact brake hp.

[Rules 62-213.440(2), and 62-213.420(1)(a)5., F.A.C.]



Florida Department of Environmental Protection

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

Charles E. ...
Governor
John ...
Commissioner
...

PERMITTEE

Solid Waste Authority of Palm Beach County
7501 North Jog Road
West Palm Beach, Florida 33412-2414

Authorized Representative:

Mr. Mark Hammond, Executive Director

Final Permit No. 0990234-012-AC
Expiration Date: December 31, 2010

North County Resource Recovery Facility
Project: Flares & Emergency Generator

PROJECT & LOCATION

The applicant, the Solid Waste Authority of Palm Beach County, proposes to (1) replace an existing flare; (2) de-rate & relocate an existing flare; and, (3) convert of one of the existing flares to back up use only. The applicant also proposes to install one new emergency generator at the new operations building. The proposed emergency generator is an engine which has been "Environmental Protection Agency (EPA) Tier 3 certified" according to Caterpillar[®], the manufacturer.

This existing facility consists of a *large* municipal waste combustor plant designed to process 2,000 tons per day (TPD) of municipal solid waste (MSW). This existing facility includes two boilers and two landfills, a Class I Landfill and a Class III Landfill, each with its own gas collection system and flare.

The facility, North County Resource Recovery Facility (NCRRF), is located at 7501 North Jog Road, West Palm Beach, Palm Beach County. The UTM coordinates are Zone 17; 585.8 km E; 2960.2 km N.

STATEMENT OF BASIS

This air pollution construction permit is issued under the provisions of Chapter 403 of the Florida Statutes (F.S.), and Chapters 62-4, 62-204, 62-210, 62-212, 62-296 and 62-297 of the Florida Administrative Code (F.A.C.). The permittee is authorized to conduct the work specified in accordance with the conditions of this permit and as described in the application, approved drawings, plans, and other documents on file with the Department. This permit supplements all other air construction and operation permits for the subject emissions units and does not alter any requirements from such previously issued air permits.

APPENDICES

The following appendices are attached as part of this permit.

Appendix GC - Construction Permit General Conditions

Appendix SC - Standard Conditions

Executed in Tallahassee, Florida

Joseph Kahn, Director
Division of Air Resource Management

10/24/08

Effective Date

JK/tlv/jkh/sms

SECTION I. FACILITY INFORMATION

PROJECT DETAILS

The applicant, the Solid Waste Authority of Palm Beach County, proposes to (1) replace an existing flare; (2) de-rate & relocate an existing flare; and, (3) convert one of the existing flares to back up use only. The AC permit also reflects the installation of a new emergency generator at the new operations building. The applicant also proposes to install one new emergency generator at the new operations building. The proposed emergency generator is an engine which has been "EPA Tier 3 certified" according to Caterpillar®, the manufacturer.

Further details can be found in the Technical Evaluation & Preliminary Determination and the application.

AFFECTED EMISSIONS UNITS

The changes to the existing emission units are:

E.U. ID Nos.	Brief Description
-004	Class III Landfill and Existing Flare-1,800 standard cubic feet per minute (scfm) (<i>Derated</i>) manufactured by Parnell Biogas.
-008	Class I Landfill and <i>New Replacement</i> Flare-3,500 scfm, manufactured by Shaw LFG Specialties, model number CF1238I10.

This permit authorizes the following *new* emissions unit:

E.U. ID Nos.	Brief Description
-020	Class III Landfill and Existing Flare-1,800 scfm (<i>Backup use only</i> at the Class III Landfill) manufactured by LFG Specialties.

This permit authorizes the construction and installation of the following new emissions unit:

E.U. ID Nos.	Brief Description
-021	<i>New engine</i> (emergency generator, < 500 hours/year) - ~220 brake horsepower (HP) (125 kilowatts (kW)) manufactured by Caterpillar® (EPA Tier 3 certified), located at the new operations building.

The emergency generator, an engine (EPA Tier 3 certified), must comply with the newly promulgated 40 Code of Federal Regulation (CFR) 63 Subpart ZZZZ, otherwise referred to as the "RICE MACT," adopted by reference in Rule 62-204.800(11), F.A.C.

The new emergency generator uses low-sulfur diesel fuel, as required by 40 CFR 63 Subpart ZZZZ and 40 CFR 60 Subpart III, which reference the requirements in 40 CFR 80.510(a) (40 CFR 60.4207) (adopted by reference in Rule 62-204.800(11) & (8), F.A.C.): "(a) Beginning June 1, 2007. Except as otherwise specifically provided in this subpart, all NRLM (nonroad locomotive or marine) diesel fuel is subject to the following per-gallon standards: (1) Sulfur content. 500 parts per million (ppm) maximum. (2) Cetane index or aromatic content, as follows: (i) A minimum cetane index of 40; or (ii) A maximum aromatic content of 35 volume percent."

REGULATORY CLASSIFICATION

Title III: The facility is identified as a major source of hazardous air pollutants (HAP).

NESHAP: The facility operates one or more units subject to National Emission Standards for Hazardous Air Pollutants of 40 CFR 63, also known as "MACT."

NESHAP/NSPS: The emergency generator is an engine subject to the newly promulgated 40 CFR 63, Subpart ZZZZ, otherwise referred to as the "RICE MACT." The engine, EPA Tier 3 certified, is a new reciprocating

SECTION I. FACILITY INFORMATION

internal combustion engine (RICE) with a brake horsepower (HP) of less than 500. Under the RICE MACT the engine is required to meet the requirements of the newly promulgated NSPS 40 CFR 60, Subpart III. The engine is a compression ignition (CI) internal combustion engine (ICE) with a rating of approximately 220 brake HP or 125 kW.

MACT: A case-by case MACT was not required. Since neither the NCRRF nor the proposed project is a constructed or reconstructed major source of HAP, this rule does not apply.

Title IV: The facility operates no units subject to the acid rain provisions of the Clean Air Act.

Title V: The facility is a Title V major source of air pollution in accordance with Chapter 213, F.A.C.

NSPS: The facility operates one or more units subject to New Source Performance Standards of 40 CFR 60.

Stationary Sources - Emission Standards in Chapter 62-296, F.A.C.: The facility operates one or more units subject to an emission standard.

PSD: The facility is an existing Prevention of Significant Deterioration (PSD)-major source of air pollution in accordance with Rule 62-212.400, F.A.C.

Power Plant Siting Act: The facility is subject to power plant siting certification PA84-20.

SECTION II. GENERAL & ADMINISTRATIVE REQUIREMENTS

GENERAL & ADMINISTRATIVE REQUIREMENTS

1. Permitting Authority. All documents related to applications for permits to construct, modify or operate this emissions unit shall be submitted to the Bureau of Air Regulation (BAR), Florida Department of Environmental Protection (DEP), at 2600 Blair Stone Road, Tallahassee, Florida 32399-2400 and phone number 850/488-0114. Copies of these documents shall be submitted to the Compliance Authority.
2. Compliance Authority. All documents related to compliance activities such as reports, tests, and notifications should be submitted to the compliance authority. The compliance authority is the Department's Southeast District Office, 400 North Congress Avenue, Suite 200, West Palm Beach, FL 33401, telephone number 561/681-6600.
3. Appendices. The following Appendices are attached as part of this permit: Appendix GC (General Conditions); and, Appendix SC (Standard Conditions). General Conditions are binding and enforceable pursuant to Chapter 403 of the Florida Statutes. [Rule 62-4.160, F.A.C.]
4. Applicable Regulations, Forms and Application Procedures. Unless otherwise indicated in this permit, the construction and operation of the subject emissions unit shall be in accordance with the capacities and specifications stated in the application. The facility is subject to all applicable provisions of: Chapter 403 of the Florida Statutes (F.S.); Chapters 62-4, 62-204, 62-210, 62-212, 62-213, 62-296 and 62-297 of the Florida Administrative Code (F.A.C.); and Title 40, Parts 51, 52, 60, 63, 72, 73 and 75 of the Code of Federal Regulations (CFR), adopted by reference in Rule 62-204.800, F.A.C. The terms used in this permit have specific meanings as defined in the applicable chapters of the Florida Administrative Code. The permittee shall use the applicable forms listed in Rule 62-210.900, F.A.C. and follow the application procedures in Chapter 62-4, F.A.C. Issuance of this permit does not relieve the permittee from compliance with any applicable federal, state, or local permitting or regulations. [Rules 62-204.800, 62-210.300 and 62-210.900, F.A.C.]
5. Construction and Expiration. The Department may extend the expiration date upon a satisfactory showing that an extension is justified. For good cause, the permittee may request that this air construction permit be extended. Such a request shall be submitted to the Department's Bureau of Air Regulation at least 60 days prior to the expiration of this permit. [Rules 62-4.070(4), 62-4.080, 62-210.300(1), and 62-212.400(6)(b), F.A.C.]
6. New or Additional Conditions. For good cause shown and after notice and an administrative hearing, if requested, the Department may require the permittee to conform to new or additional conditions. The Department shall allow the permittee a reasonable time to conform to the new or additional conditions, and on application of the permittee, the Department may grant additional time. [Rule 62-4.080, F.A.C.]
7. Modifications. No emissions unit or facility subject to this permit shall be constructed or modified without obtaining an air construction permit from the Department. Such permit shall be obtained prior to beginning construction or modification. [Rules 62-210.300(1) and 62-212.300(1)(a), F.A.C.]
8. Title V Permit. This permit authorizes construction of the permitted emissions unit and initial operation to determine compliance with Department rules. A Title V operation permit is required for regular operation of the permitted emission units. [Rules 62-4.030, 62-4.050, 62-4.220 and Chapter 62-213, F.A.C.]

SECTION III. EMISSIONS UNIT SPECIFIC CONDITIONS

This section addresses the following emissions unit(s).

E.U. ID Nos.	Brief Description
-004	Class III Landfill and Existing (<i>De-rated</i>) Flare-1,800 scfm manufactured by Parnell Biogas.
-008	Class I Landfill and <i>New Replacement</i> Flare-3,500 scfm, manufactured by Shaw LFG Specialties, model number CF1238I10.
-020	Class III Landfill Existing Flare-1,800 scfm (<i>Backup use only</i> at the Class III Landfill) manufactured by LFG Specialties.

The facility currently has two flares with one located at each landfill. Under this project the facility will have three flares, one permanently located at each landfill, and the older flare currently in use at the Class III landfill will be kept on-site and used as a backup flare only. The gas flow rates from the Class I and Class III landfill flares are 1,839.6 million ft³/year and 946.08 million ft³/year, respectively.

This permit authorizes the following activities at the facility:

- Replacement of the existing Class I, 3,500 standard cubic feet per minute (scfm) flare with a new similar 3,500 scfm flare;
- Replacement of the existing Class III landfill gas flare with the existing Class I landfill gas flare, which will be de-rated to 1,800 scfm to match the permitted capacity;
- Retention of the existing Class III 1,800 scfm landfill gas flare for back up use; and,
- Addition of one emergency generator, an engine, at the new operations building.

SPECIFIC CONDITIONS

1. Other Permits. The conditions of this permit supplement all previously issued air construction and operation permits for these emissions units. Unless otherwise specified, these conditions are in addition to all other applicable permit conditions and regulations. [Rule 62-4.070, F.A.C.]
2. Total landfill gas flow to the flares shall be continuously measured and recorded. [Rules 62-4.160(2) and 62-4.070(3), F.A.C.; and, Application.]
3. This permit authorizes the replacement of the Existing Class I, 3,500 scfm flare (E.U. ID No. -008) with a similar 3,500 scfm flare manufactured by Shaw LFG Specialties, model number CF1238I10 (kept under E.U. ID No. -008). [Rules 62-4.160(2), F.A.C.; and, Application.]
4. This permit authorizes the replacement of the Existing Class III landfill gas flare (E.U. ID No. -004) with the existing Class I landfill gas flare (formerly under E.U. ID No. -008) manufactured by Parnell Biogas, which will be de-rated to 1,800 scfm to match the permitted capacity. This flare will be relocated from the Class I landfill to the Class III landfill. [Rules 62-4.160(2), F.A.C.; and, Application.]
5. The Class III Landfill Existing Flare, 1,800 scfm (formerly under E.U. ID No. -004, now under E.U. ID No. -020) is limited to back up on-site use only and shall not be operated simultaneously with any of the permanent flares. [Rules 62-4.160(2), 62-210.200(PTE), and 62-4.070(3), F.A.C.; Application and Applicant request.]

SECTION III. EMISSIONS UNIT SPECIFIC CONDITIONS

6. De-ration Schedule. The below de-ration schedule shall be followed to de-rate the existing Class I Landfill gas flare (formerly from E.U. ID No. -008) from 3,500 scfm to 1,800 scfm in order to meet the permitted capacity at the Class III Landfill. The following steps shall be followed to de-rate and relocate the flare:
1. The Class I Landfill gas flare skid will be moved to the location of the Class III flare at the Northeast corner of the NCRRF landfill.
 2. The existing 6" landfill gas piping from the Class III landfill will be connected to the 12" knockout pot of the flare skid via a 6"-to-12" HDPE increaser.
 3. The existing Class I Landfill gas flare skid contains two blowers connected in parallel, each able to operate at 3,500 scfm.
 - a. There are Tuflin high performance butterfly valves on both the inlet and outlet side of each blower.
 - b. The flow through the skid will be determined at initial startup. It is expected that this flow will be lower than 3500 scfm due to the 6" landfill gas lines from the Class III landfill.
 - c. The butterfly valves can be hand adjusted using the circular hand levers. After initial startup, the butterfly valve on the outlet side of the blower will be adjusted until 1800 scfm is achieved. This will be done for each blower.
 - d. The handles on each butterfly valve are attached to the shaft of the internal worm gear with a roll pin. Removing the roll pin, each handle will be removed in the position in which 1800 scfm has been achieved.
 - e. Each gearbox will be opened after the removal of the handle. A small spot-weld will be placed on each side of the worm gear, permanently fixing the position of each butterfly valve.
 - f. The gearbox will be resealed.
 4. Using the process outlined in Step 3, a permanent solution is attained to de-rate the existing Class I Landfill gas flare for use on the Class III landfill.
[Rules 62-4.160(2), 62-210.200(PTE), and 62-4.070(3), F.A.C.; and, Application.]
7. Sampling & Analysis of Sulfur Content of Gas. The sulfur content of each landfill's gas shall be sampled annually, analyzed and the results provided to the compliance authority with a copy to the Bureau of Air Regulation. The sulfur content of each landfill's gas shall be analyzed at the inlet to the flare. ASTM Method D1072-90, or later method shall be used to determine the sulfur content of the gas. The sulfur content along with SO₂ emissions in tons per year (TPY) for each flare shall be included with the annual operating report (AOR). Based on the sampling results and Rule 62-297.310(7)(b), F.A.C., the Department may request additional gas sampling and analyses. [Rules 62-4.070(3) and 62-297.310, F.A.C.]
8. Initial Compliance Demonstration. The Class I and Class III flares shall be tested for initial compliance for visible emissions (VE). The compliance demonstration report shall be submitted within 45 days of completion of each test. The permittee shall include in the report an executive summary statement for each unit as to whether or not each flare is in compliance with the specific emission standards & limitations from Permit No. 0990234-010-AV. The actual gas flow rate during testing shall be provided in the compliance report. [Rules 62-4.070(3) and 62-297.310(7), F.A.C.]

Friday, Barbara

To: mhammond@swa.org
Cc: hernandezmj@cdm.com; Lurix, Joe; 'James_Stormer@doh.state.fl.us'; Halpin, Mike; Forney.Kathleen@epamail.epa.gov; Oquendo.Ana@epamail.epa.gov; Gibson, Victoria; Sheplak, Scott; Holtom, Jonathan
Subject: SOLID WASTE AUTHORITY OF PBC/NCRRF; 0990234-013-AV
Attachments: 0990234-013-AVNoticeofFinalPermit.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". **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).

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

http://ARM-PERMIT2K.dep.state.fl.us/adh/prod/pdf_permit_zip_files/0990234.013.AV.F_pdf.zip

Attention: Scott Sheplak

Owner/Company Name: SOLID WASTE AUTHORITY OF PBC
Facility Name: SOLID WASTE AUTHORITY OF PBC/NCRRF
Project Number: 0990234-013-AV
Permit Status: FINAL
Permit Activity: PERMIT REVISION
Facility County: PALM BEACH

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/eproducts/apds/default.asp> .

Permit project documents 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 at (850)488-0114.

Barbara Friday

Bureau of Air Regulation

Division of Air Resource Management (DARM)

(850)921-9524

Friday, Barbara

From: System Administrator
To: Mark Hammond
Sent: Wednesday, December 17, 2008 11:51 AM
Subject: Delivered:SOLID WASTE AUTHORITY OF PBC/NCRRF; 0990234-013-AV

Your message

To: mhammond@swa.org
Cc: hernandezmj@cdm.com; Lurix, Joe; [James Stormer@doh.state.fl.us](mailto:James.Stormer@doh.state.fl.us); Halpin, Mike;
Forney.Kathleen@epamail.epa.gov; Oquendo.Ana@epamail.epa.gov; Gibson, Victoria;
Sheplak, Scott; Holtom, Jonathan
Subject: SOLID WASTE AUTHORITY OF PBC/NCRRF; 0990234-013-AV
Sent: 12/17/2008 11:50 AM

was delivered to the following recipient(s):

Mark Hammond on 12/17/2008 11:51 AM

Friday, Barbara

From: Mark Hammond [mhammond@swa.org]
Sent: Wednesday, December 17, 2008 11:54 AM
To: Friday, Barbara
Subject: RE: SOLID WASTE AUTHORITY OF PBC/NCRRF; 0990234-013-AV

From: Friday, Barbara [mailto:Barbara.Friday@dep.state.fl.us]
Sent: Wednesday, December 17, 2008 11:50 AM
To: Mark Hammond
Cc: hernandezmj@cdm.com; Lurix, Joe; James_Stormer@doh.state.fl.us; Halpin, Mike;
Forney.Kathleen@epamail.epa.gov; Oquendo.Ana@epamail.epa.gov; Gibson, Victoria; Sheplak, Scott; Holtom, Jonathan
Subject: SOLID WASTE AUTHORITY OF PBC/NCRRF; 0990234-013-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". **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).

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

http://ARM-PERMIT2K.dep.state.fl.us/adh/prod/pdf_permit_zip_files/0990234.013.AV.F_pdf.zip

Attention: Scott Sheplak

Owner/Company Name: SOLID WASTE AUTHORITY OF PBC
Facility Name: SOLID WASTE AUTHORITY OF PBC/NCRRF
Project Number: 0990234-013-AV
Permit Status: FINAL
Permit Activity: PERMIT REVISION
Facility County: PALM BEACH

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Permit project documents 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 at (850)488-0114.

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.

Friday, Barbara

From: Exchange Administrator
Sent: Wednesday, December 17, 2008 11:51 AM
To: Friday, Barbara
Subject: Delivery Status Notification (Relay)
Attachments: ATT779959.txt; SOLID WASTE AUTHORITY OF PBC/NCRRF; 0990234-013-AV

This is an automatically generated Delivery Status Notification.

Your message has been successfully relayed to the following recipients, but the requested delivery status notifications may not be generated by the destination.

hernandezmj@cdm.com

Friday, Barbara

From: Hernandez, Manuel [HernandezMJ@cdm.com]
To: undisclosed-recipients
Sent: Wednesday, December 17, 2008 1:26 PM
Subject: Read: SOLID WASTE AUTHORITY OF PBC/NCRRF; 0990234-013-AV

Your message

To: HernandezMJ@cdm.com
Subject:

was read on 12/17/2008 1:26 PM.

Friday, Barbara

From: Hernandez, Manuel [HernandezMJ@cdm.com]
Sent: Wednesday, December 17, 2008 1:33 PM
To: Friday, Barbara
Subject: RE: SOLID WASTE AUTHORITY OF PBC/NCRRF; 0990234-013-AV

Good afternoon Barbara. This is the reply e-mail to notify that I can access the files for the permit.

Thanks

Manuel Hernandez
CDM
West Palm Beach
561-689-3336

From: Friday, Barbara [mailto:Barbara.Friday@dep.state.fl.us]
Sent: Wednesday, December 17, 2008 11:50 AM
To: mhammond@swa.org
Cc: Hernandez, Manuel; Lurix, Joe; James_Stormer@doh.state.fl.us; Halpin, Mike; Forney.Kathleen@epamail.epa.gov; Oquendo.Ana@epamail.epa.gov; Gibson, Victoria; Sheplak, Scott; Holtom, Jonathan
Subject: SOLID WASTE AUTHORITY OF PBC/NCRRF; 0990234-013-AV

Dear Sir/ Madam:

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http://ARM-PERMIT2K.dep.state.fl.us/adh/prod/pdf_permit_zip_files/0990234.013.AV.F_pdf.zip

Attention: Scott Sheplak

Owner/Company Name: SOLID WASTE AUTHORITY OF PBC
Facility Name: SOLID WASTE AUTHORITY OF PBC/NCRRF
Project Number: 0990234-013-AV
Permit Status: FINAL
Permit Activity: PERMIT REVISION
Facility County: PALM BEACH

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Permit project documents 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 at (850)488-0114.

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.

Friday, Barbara

From: Kirts, Christopher
To: Friday, Barbara
Sent: Wednesday, December 17, 2008 1:42 PM
Subject: Read: JEA - NORTHSIDE/SJRPP; 0310045-020-AV

Your message

To: 'chanjm@jea.com'
Cc: 'brosmj@jea.com'; Gianazza, N. Bert; Kirts, Christopher; 'ROBINSON@coj.net'; Halpin, Mike; Forney.Kathleen@epamail.epa.gov; Oquendo.Ana@epamail.epa.gov; Gibson, Victoria; Sheplak, Scott; Holtom, Jonathan
Subject: JEA - NORTHSIDE/SJRPP; 0310045-020-AV
Sent: 12/16/2008 1:37 PM

was read on 12/17/2008 1:42 PM.

Friday, Barbara

From: System Administrator
To: Lurix, Joe; Holtom, Jonathan; Halpin, Mike
Sent: Wednesday, December 17, 2008 11:50 AM
Subject: Delivered: SOLID WASTE AUTHORITY OF PBC/NCRRF; 0990234-013-AV

Your message

To: mhammond@swa.org
Cc: hernandezmj@cdm.com; Lurix, Joe; 'James_Stormer@doh.state.fl.us'; Halpin, Mike; Forney.Kathleen@epamail.epa.gov; Oquendo.Ana@epamail.epa.gov; Gibson, Victoria; Sheplak, Scott; Holtom, Jonathan
Subject: SOLID WASTE AUTHORITY OF PBC/NCRRF; 0990234-013-AV
Sent: 12/17/2008 11:50 AM

was delivered to the following recipient(s):

Lurix, Joe on 12/17/2008 11:50 AM
Holtom, Jonathan on 12/17/2008 11:50 AM
Halpin, Mike on 12/17/2008 11:50 AM

Friday, Barbara

From: Lurix, Joe
To: Friday, Barbara
Sent: Wednesday, December 17, 2008 11:55 AM
Subject: Read: SOLID WASTE AUTHORITY OF PBC/NCRRF; 0990234-013-AV

Your message

To: mhammond@swa.org
Cc: hernandezmj@cdm.com; Lurix, Joe; 'James_Stormer@doh.state.fl.us'; Halpin, Mike; Forney.Kathleen@epamail.epa.gov; Oquendo.Ana@epamail.epa.gov; Gibson, Victoria; Sheplak, Scott; Holtom, Jonathan
Subject: SOLID WASTE AUTHORITY OF PBC/NCRRF; 0990234-013-AV
Sent: 12/17/2008 11:50 AM

was read on 12/17/2008 11:55 AM.

Friday, Barbara

From: Holtom, Jonathan
To: Friday, Barbara
Sent: Friday, December 19, 2008 11:53 AM
Subject: Read: SOLID WASTE AUTHORITY OF PBC/NCRRF; 0990234-013-AV

Your message

To: mhammond@swa.org
Cc: hernandezmj@cdm.com; Lurix, Joe; 'James_Stormer@doh.state.fl.us'; Halpin, Mike;
Forney.Kathleen@epamail.epa.gov; Oquendo.Ana@epamail.epa.gov; Gibson, Victoria;
Sheplak, Scott; Holtom, Jonathan
Subject: SOLID WASTE AUTHORITY OF PBC/NCRRF; 0990234-013-AV
Sent: 12/17/2008 11:50 AM

was read on 12/19/2008 11:53 AM.

Friday, Barbara

From: Halpin, Mike
Sent: Wednesday, December 17, 2008 12:03 PM
To: Friday, Barbara
Subject: Delivered: SOLID WASTE AUTHORITY OF PBC/NCRRF; 0990234-013-AV
Attachments: ATT780873.txt

Your message was delivered to the recipient.

Friday, Barbara

From: Halpin, Mike
To: Friday, Barbara
Sent: Wednesday, December 17, 2008 11:51 AM
Subject: Read: SOLID WASTE AUTHORITY OF PBC/NCRRF; 0990234-013-AV

Your message

To: mhammond@swa.org
Cc: hernandezmj@cdm.com; Lurix, Joe; 'James_Stormer@doh.state.fl.us'; Halpin, Mike; Forney.Kathleen@epamail.epa.gov; Oquendo.Ana@epamail.epa.gov; Gibson, Victoria; Sheplak, Scott; Holtom, Jonathan
Subject: SOLID WASTE AUTHORITY OF PBC/NCRRF; 0990234-013-AV
Sent: 12/17/2008 11:50 AM

was read on 12/17/2008 11:51 AM.

Friday, Barbara

From: Exchange Administrator
Sent: Wednesday, December 17, 2008 11:51 AM
To: Friday, Barbara
Subject: Delivery Status Notification (Relay)
Attachments: ATT779950.txt; SOLID WASTE AUTHORITY OF PBC/NCRRF; 0990234-013-AV

This is an automatically generated Delivery Status Notification.

Your message has been successfully relayed to the following recipients, but the requested delivery status notifications may not be generated by the destination.

James.Stormer@doh.state.fl.us

Friday, Barbara

From: James_Stormer@doh.state.fl.us
To: Friday, Barbara
Sent: Wednesday, December 17, 2008 11:52 AM
Subject: Read: SOLID WASTE AUTHORITY OF PBC/NCRRF; 0990234-013-AV

Your message

To: James_Stormer@doh.state.fl.us
Subject:

was read on 12/17/2008 11:52 AM.

Friday, Barbara

From: Mail Delivery System [MAILER-DAEMON@mseive01.rtp.epa.gov]
Sent: Wednesday, December 17, 2008 11:52 AM
To: Friday, Barbara
Subject: Successful Mail Delivery Report
Attachments: Delivery report; Message Headers

This is the mail system at host mseive01.rtp.epa.gov.

Your message was successfully delivered to the destination(s) listed below. If the message was delivered to mailbox you will receive no further notifications. Otherwise you may still receive notifications of mail delivery errors from other systems.

The mail system

<Forney.Kathleen@epamail.epa.gov>: delivery via 127.0.0.1[127.0.0.1]:10025: 250 OK, sent 49492E1B_26128_19014_1 4921A443F2

<Oquendo.Ana@epamail.epa.gov>: delivery via 127.0.0.1[127.0.0.1]:10025: 250 OK, sent 49492E1B_26128_19014_1 4921A443F2

Friday, Barbara

From: System Administrator
To: Gibson, Victoria
Sent: Wednesday, December 17, 2008 11:50 AM
Subject: Delivered:SOLID WASTE AUTHORITY OF PBC/NCRRF; 0990234-013-AV

Your message

To: mhammond@swa.org
Cc: hernandezmj@cdm.com; Lurix, Joe; 'James_Stormer@doh.state.fl.us'; Halpin, Mike; Forney.Kathleen@epamail.epa.gov; Oquendo.Ana@epamail.epa.gov; Gibson, Victoria; Sheplak, Scott; Holtom, Jonathan
Subject: SOLID WASTE AUTHORITY OF PBC/NCRRF; 0990234-013-AV
Sent: 12/17/2008 11:50 AM

was delivered to the following recipient(s):

Gibson, Victoria on 12/17/2008 11:50 AM

Friday, Barbara

From: Gibson, Victoria
To: Friday, Barbara
Sent: Wednesday, December 17, 2008 1:20 PM
Subject: Read: SOLID WASTE AUTHORITY OF PBC/NCRRF; 0990234-013-AV

Your message

To: mhammond@swa.org
Cc: hernandezmj@cdm.com; Lurix, Joe; 'James_Stormer@doh.state.fl.us'; Halpin, Mike; Forney.Kathleen@epamail.epa.gov; Oquendo.Ana@epamail.epa.gov; Gibson, Victoria; Sheplak, Scott; Holtom, Jonathan
Subject: SOLID WASTE AUTHORITY OF PBC/NCRRF; 0990234-013-AV
Sent: 12/17/2008 11:50 AM

was read on 12/17/2008 1:20 PM.

Friday, Barbara

From: System Administrator
To: Sheplak, Scott
Sent: Wednesday, December 17, 2008 11:50 AM
Subject: Delivered:SOLID WASTE AUTHORITY OF PBC/NCRRF; 0990234-013-AV

Your message

To: mhammond@swa.org
Cc: hernandezmj@cdm.com; Lurix, Joe; 'James_Stormer@doh.state.fl.us'; Halpin, Mike;
Forney.Kathleen@epamail.epa.gov; Oquendo.Ana@epamail.epa.gov; Gibson, Victoria;
Sheplak, Scott; Holtom, Jonathan
Subject: SOLID WASTE AUTHORITY OF PBC/NCRRF; 0990234-013-AV
Sent: 12/17/2008 11:50 AM

was delivered to the following recipient(s):

Sheplak, Scott on 12/17/2008 11:50 AM

Friday, Barbara

From: Sheplak, Scott
To: Friday, Barbara
Sent: Wednesday, December 17, 2008 11:57 AM
Subject: Read: SOLID WASTE AUTHORITY OF PBC/NCRRF; 0990234-013-AV

Your message

To: mhammond@swa.org
Cc: hernandezmj@cdm.com; Lurix, Joe; 'James_Stormer@doh.state.fl.us'; Halpin, Mike;
Forney.Kathleen@epamail.epa.gov; Oquendo.Ana@epamail.epa.gov; Gibson, Victoria;
Sheplak, Scott; Holtom, Jonathan
Subject: SOLID WASTE AUTHORITY OF PBC/NCRRF; 0990234-013-AV
Sent: 12/17/2008 11:50 AM

was read on 12/17/2008 11:57 AM.