

# Florida Department of Environmental Protection

## Memorandum

---

TO: Joseph Kahn, Division of Air Resource Management

THROUGH: Trina Vielhauer, Bureau of Air Regulation

THROUGH: Syed Arif, New Source Review Section SA

FROM: Bruce Mitchell, New Source Review Section

DATE: January 22, 2009

SUBJECT: Project No. 1170084-008-AC/PSD-FL-376A  
Revision to Air Construction Permit No. 1170084-005-AC/PSD-FL-376  
Seminole Energy, LLC  
Osceola Road Solid Waste Management Facility – Six Reciprocating Internal Combustion  
Engine (RICE)-Generator Sets  
Determination of Non-Applicability of 40 CFR 63, Subpart ZZZZ, RICE

This project revises the initial air construction permit and removes the terms and conditions associated with Title 40, Code of Federal Regulations, Part 63 (40 CFR 63), Subpart ZZZZ, Reciprocating Internal Combustion Engines (RICE), based on amendments contained in the Federal Register of January 28, 2008. The six RICE-generator sets will be located and operated at the existing Osceola Road Solid Waste Management Facility located at 1930 Osceola Road in Geneva, Seminole County, Florida.

There were no comments received during the Public Notice period. Also, no petitions for administrative hearings or extensions of time to petition for an administrative hearing were filed.

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

Attachments

**STATE OF FLORIDA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION**

**NOTICE OF FINAL PERMIT REVISION**

In the Matter of an  
Application for Permit Revision by:

Seminole Energy, LLC  
29261 Wall Street  
Wixom, Michigan 48393

Project No. 1170084-008-AC/PSD-FL-376A  
Revision of Air Permit No. 1170084-005-AC/PSD-FL-376  
Osceola Road Solid Waste Management Facility  
Six Reciprocating Internal Combustion Engine-Generator Sets  
Applicability Determination of 40 CFR 63, Subpart ZZZZ

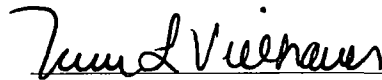
*Authorized Representative:*

Mr. Scott Salisbury, Managing Member

Seminole Energy, LLC was authorized by air construction (AC) permit, No. 1170084-005-AC/PSD-FL-376, to construct six reciprocating internal combustion engines (RICE)-generator sets at the existing Osceola Road Solid Waste Management Facility. Each engine is a lean-burn spark-ignition Caterpillar Model G3520C landfill gas fired RICE and the associated generator generates 1,600 kilowatts (kW) of electricity. The permit was issued on January 17, 2007. In the permit, these RICE were deemed subject to the provisions of Title 40, Code of Federal Regulations, Part 63 (40 CFR 63), Subpart ZZZZ, RICE. Based on the amendments to this subpart issued on January 18, 2008, by the U.S. Environmental Protection Agency, and pursuant to 40 CFR 63.6590(a)(1)(iii), a stationary RICE located at an area source of hazardous air pollutant emissions is an existing stationary RICE if the permittee commenced construction before June 12, 2006. The permittee commenced construction (ordered the RICE-generator sets) on December 19, 2005. Pursuant to 40 CFR 63.6590(b)(3), an existing stationary RICE that combusts landfill gas equivalent to 10 percent or more of the gross heat input on an annual basis does not have to meet the requirements of this subpart (ZZZZ) of 40 CFR 63; and no initial notification is necessary. Therefore, the Department of Environmental Protection (Department) concurs with the request and the terms and conditions associated with this subpart have been removed. This permit revision is issued pursuant to Chapter 403, Florida Statutes (F.S.).

Any party to this order has the right to seek judicial review of it under Section 120.68, F.S., 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

1/22/09  
(Date)

TLV/jfk/bm

**NOTICE OF FINAL PERMIT REVISION**

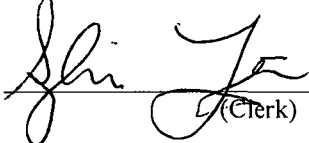
**CERTIFICATE OF SERVICE**

The undersigned duly designated deputy agency clerk hereby certifies that this Notice of Final Permit Revision (including the Final Determination and the Final Permit Revision) was sent by electronic mail (or a link to these documents made available electronically on a publicly accessible server) with received receipt requested before the close of business on 1/27/09 to the persons listed below.

- Mr. Scott Salisbury, Managing Member, Seminole Energy, LLC ([scott.salisbury@landfillenergy.com](mailto:scott.salisbury@landfillenergy.com))
- Mr. David Derenzo, Application Contact, Derenzo and Associates, Inc. ([dderenzo@derenzo.com](mailto:dderenzo@derenzo.com))
- Mr. Michael Laframboise, V.P. of Operations, Seminole Energy, LLC ([michael.laframboise@landfillenergy.com](mailto:michael.laframboise@landfillenergy.com))
- Mr. Alan Zahm, Central District ([alan.zahm@dep.state.fl.us](mailto:alan.zahm@dep.state.fl.us))
- Ms. Heather Abrams, U.S. EPA, Region 4 ([abrams.heather@epamail.epa.gov](mailto:abrams.heather@epamail.epa.gov))
- Ms. Katy Forney, U.S. EPA, Region 4 ([forney.kathleen@epamail.epa.gov](mailto:forney.kathleen@epamail.epa.gov))
- Ms. Catherine Collins, Fish and Wildlife Service ([catherine\\_collins@fws.gov](mailto:catherine_collins@fws.gov))
- Ms. Vickie Gibson, FDEP-BAR ([victoria.gibson@dep.state.fl.us](mailto:victoria.gibson@dep.state.fl.us)) (for read 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)

1/27/09  
(Date)

## FINAL DETERMINATION

---

### PERMITTEE

Seminole Energy, LLC  
29261 Wall Street  
Wixom, Michigan 48393

### PERMITTING AUTHORITY

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

### PROJECT

Project No. 1170084-008-AC/PSD-FL-376A  
Revision to Air Construction (AC) Permit No. 1170084-005-AC/PSD-FL-376  
Osceola Road Solid Waste Management Facility

This project revises the initial AC permit and removes the terms and conditions associated with Title 40, Code of Federal Regulations, Part 63 (40 CFR 63), Subpart ZZZZ, Reciprocating Internal Combustion Engines (RICE), based on amendments contained in the Federal Register of January 28, 2008. The six RICE-generator sets will be located and operated at the existing Osceola Road Solid Waste Management Facility located at 1930 Osceola Road in Geneva, Seminole County, Florida. The project results in no emission increases and is considered a minor modification.

### NOTICE AND PUBLICATION

The Department distributed an initial Intent to Issue Permit package on December 24, 2008. The applicant published the Public Notice of Intent to Issue in the Orlando Sentinel on January 4, 2009. The Department received the proof of publication on January 15, 2009. No petitions for administrative hearings or extensions of time to petition for an administrative hearing were filed.

### COMMENTS

There were no comments received during the Public Notice period.

### CONCLUSION

The final action of the Department is to issue the permit as noticed.



# Florida Department of Environmental Protection

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

January 23, 2009

Charlie Crist  
Governor

Jeff Kottkamp  
Lt. Governor

Michael W. Sole  
Secretary

*Sent by Electronic Mail – Received Receipt Requested*

Mr. Scott Salisbury  
Managing Member  
Seminole Energy, LLC  
29261 Wall Street  
Wixom, Michigan 48393

Re: Final Air Construction (AC) Permit Revision Project No. 1170084-008-AC/PSD-FL-376A  
Revision of Permit Project No. 1170084-005-AC/PSD-FL-376  
Seminole Energy, LLC – Six Reciprocating Internal Combustion Engine-Generator Sets  
Determination of Non-Applicability of 40 CFR 63, Subpart ZZZZ

Dear Mr. Salisbury:

The Department received your request on November 5, 2008, for a revision of air construction (AC) permit, No. 1170084-005-AC/PSD-FL-376, which authorized the construction of six lean-burn-spark-ignition reciprocating internal combustion engine (RICE)-generator sets at the existing Osceola Road Solid Waste Management Facility located at 1930 Osceola Road in Geneva, Seminole County, Florida. The AC permit was issued on January 17, 2007.

Based on your request, the Department concurs with you that the six RICE are not subject to the provisions of Title 40 of the Code of Federal Regulations Part 63 (40 CFR 63), Subpart ZZZZ. Therefore and as explained in the technical evaluation and preliminary determination, the Department is agreeable to revise AC permit No. 1170084-005-AC/PSD-FL-376 as follows. Please note that double underlined words are additions and strikethrough words are deletions.

I. Section I. Facility Information.

Regulatory Classification. Paragraph 2. 5<sup>th</sup> Bullet.

The facility is subject to the following regulations:

- ~~40 CFR 63, NESHAP for Stationary Reciprocating Internal Combustion Engines.~~

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

A. Subsection A. Specific Condition A.3. Fuel Specifications and Work Practices.

Emissions Units Nos. 002-005 are subject to 40 CFR 60 Subpart WWW and certain sections of 40 CFR 63 Subparts AAAA ~~and ZZZZ~~ adopted by the Department at Rules 62-204.800(8)(b) and 62-204.800(11)(b), F.A.C., respectively.

III. Appendix GC.

Condition G.13.

This permit also constitutes:

- a) Determination of Best Available Control Technology (X)
- b) Determination of Prevention of Significant Deterioration (X)
- c) Compliance with New Source Performance Standards (X). Subpart WWW requirements and
- d) Compliance with National Emission Standards for Hazardous Air Pollutants (X). Subpart AAAA ~~and ZZZZ~~ requirements

A copy of this letter and attachments shall be filed with the referenced permit and shall become part of the permit. This permitting decision is issued pursuant to Chapter 403, Florida Statutes (F.S.).

Any party to this permitting decision (order) has the right to seek judicial review of it under section 120.68, F.S., 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 thirty days after this order is filed with the clerk of the Department.

Executed in Tallahassee, Florida.



Joseph Kahn, Director  
Division of Air Resource Management

1/26/09  
Date

## Livingston, Sylvia

---

**From:** Livingston, Sylvia  
**Sent:** Tuesday, January 27, 2009 3:30 PM  
**To:** 'scott.salisbury@landfillenergy.com'  
**Cc:** 'dderenzo@derenzo.com'; 'michael.laframboise@landfillenergy.com'; Zahm, Alan; 'abrams.heather@epamail.epa.gov'; 'forney.kathleen@epamail.epa.gov'; 'catherine\_collins@fws.gov'; Gibson, Victoria; Mitchell, Bruce; Walker, Elizabeth (AIR); Arif, Syed  
**Subject:** SEMINOLE CO/OSCEOLA RD LANDFILL; 1170084-008-AC (PSD-FL-376A)

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/1170084.008.AC.F\\_pdf.zip](http://ARM-PERMIT2K.dep.state.fl.us/adh/prod/pdf_permit_zip_files/1170084.008.AC.F_pdf.zip)

Owner/Company Name: SEMINOLE CO BOARD OF CO COMMISSIONERS  
Facility Name: SEMINOLE CO/OSCEOLA RD LANDFILL  
Project Number: 1170084-008-AC/ PSD-FL-376A  
Permit Status: FINAL  
Permit Activity: CONSTRUCTION  
Facility County: SEMINOLE  
Processor: Bruce Mitchell

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.

Sylvia Livingston  
Bureau of Air Regulation  
Division of Air Resource Management (DARM)  
850/921-9506  
[sylvia.livingston@dep.state.fl.us](mailto:sylvia.livingston@dep.state.fl.us)

Note: The attached 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>>

## Livingston, Sylvia

---

**From:** Scott Salisbury [Scott.salisbury@landfillenergy.com]  
**Sent:** Wednesday, January 28, 2009 11:04 AM  
**To:** Livingston, Sylvia  
**Subject:** RE: City of Jacksonville - TRAIL RIDGE LANDFILL; 0310358-011-AC (PSD-FL-374B)

We have received and opened these documents.

---

**From:** Livingston, Sylvia [mailto:Sylvia.Livingston@dep.state.fl.us]  
**Sent:** Tuesday, January 27, 2009 3:50 PM  
**To:** Scott Salisbury  
**Cc:** dderenzo@derenzo.com; Michael Laframboise; ROBINSON@coj.net; abrams.heather@epamail.epa.gov; forney.kathleen@epamail.epa.gov; catherine\_collins@fws.gov; Gibson, Victoria; Arif, Syed; Mitchell, Bruce; Walker, Elizabeth (AIR)  
**Subject:** City of Jacksonville - TRAIL RIDGE LANDFILL; 0310358-011-AC (PSD-FL-374B)

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/0310358.011.AC.F\\_pdf.zip](http://ARM-PERMIT2K.dep.state.fl.us/adh/prod/pdf_permit_zip_files/0310358.011.AC.F_pdf.zip)

**Owner/Company Name:** CITY OF JACKSONVILLE  
**Facility Name:** TRAIL RIDGE LANDFILL  
**Project Number:** 0310358-011-AC/ PSD-FL-374B  
**Permit Status:** FINAL  
**Permit Activity:** CONSTRUCTION  
**Facility County:** DUVAL  
**Processor:** Bruce Mitchell

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 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.



## Livingston, Sylvia

---

**From:** David Derenzo [dderenzo@derenzo.com]  
**Sent:** Tuesday, January 27, 2009 3:40 PM  
**To:** Livingston, Sylvia  
**Subject:** RE: SEMINOLE CO/OSCEOLA RD LANDFILL; 1170084-008-AC (PSD-FL-376A)

David Derenzo  
Derenzo and Associates, Inc.  
(734) 216-4614

---

**From:** Livingston, Sylvia [mailto:Sylvia.Livingston@dep.state.fl.us]  
**Sent:** Tuesday, January 27, 2009 3:30 PM  
**To:** scott.salisbury@landfillenergy.com  
**Cc:** dderenzo@derenzo.com; michael.laframboise@landfillenergy.com; Zahm, Alan; abrams.heather@epamail.epa.gov; forney.kathleen@epamail.epa.gov; catherine\_collins@fws.gov; Gibson, Victoria; Mitchell, Bruce; Walker, Elizabeth (AIR); Arif, Syed  
**Subject:** SEMINOLE CO/OSCEOLA RD LANDFILL; 1170084-008-AC (PSD-FL-376A)

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/1170084.008.AC.F\\_pdf.zip](http://ARM-PERMIT2K.dep.state.fl.us/adh/prod/pdf_permit_zip_files/1170084.008.AC.F_pdf.zip)

Owner/Company Name: SEMINOLE CO BOARD OF CO COMMISSIONERS  
Facility Name: SEMINOLE CO/OSCEOLA RD LANDFILL  
Project Number: 1170084-008-AC/ PSD-FL-376A  
Permit Status: FINAL  
Permit Activity: CONSTRUCTION  
Facility County: SEMINOLE  
Processor: Bruce Mitchell

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

## Livingston, Sylvia

---

**From:** Michael Laframboise [Michael.Laframboise@landfillenergy.com]  
**Sent:** Tuesday, January 27, 2009 3:34 PM  
**To:** Livingston, Sylvia  
**Cc:** David Derenzo  
**Subject:** RE: SEMINOLE CO/OSCEOLA RD LANDFILL; 1170084-008-AC (PSD-FL-376A)

I can View the documents

Mike Laframboise

---

**From:** Livingston, Sylvia [mailto:Sylvia.Livingston@dep.state.fl.us]  
**Sent:** Tuesday, January 27, 2009 3:30 PM  
**To:** Scott Salisbury  
**Cc:** dderenzo@derenzo.com; Michael Laframboise; Zahm, Alan; abrams.heather@epamail.epa.gov; forney.kathleen@epamail.epa.gov; catherine\_collins@fws.gov; Gibson, Victoria; Mitchell, Bruce; Walker, Elizabeth (AIR); Arif, Syed  
**Subject:** SEMINOLE CO/OSCEOLA RD LANDFILL; 1170084-008-AC (PSD-FL-376A)

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/1170084.008.AC.F\\_pdf.zip](http://ARM-PERMIT2K.dep.state.fl.us/adh/prod/pdf_permit_zip_files/1170084.008.AC.F_pdf.zip)

Owner/Company Name: SEMINOLE CO BOARD OF CO COMMISSIONERS  
Facility Name: SEMINOLE CO/OSCEOLA RD LANDFILL  
Project Number: 1170084-008-AC/ PSD-FL-376A  
Permit Status: FINAL  
Permit Activity: CONSTRUCTION  
Facility County: SEMINOLE  
Processor: Bruce Mitchell

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