



# 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

December 24, 2008

Electronic Mail – Received Receipt Requested

Mr. Scott Salisbury, President  
Trail Ridge Energy, LLC  
29261 Wall Street  
Wixom, Michigan 48393

Re: Project No. 0310358-011-AC/PSD-FL-374B  
Revision to Permit No. 0310358-004-AC/PSD-FL-374  
Trail Ridge Energy, LLC  
Determination of Non-Applicability of Title 40, Code of Federal Regulations, Part 63 (40 CFR 63), Subpart A,  
General Provisions, and Subpart ZZZZ, Reciprocating Internal Combustion Engines (RICE)

Dear Mr. Salisbury:

On December 11, 2006, the final air construction permit, No. 0310358-004-AC/PSD-FL-374, was issued authorizing the construction of six lean-burn spark-ignition RICE (Caterpillar Model G3520C) fired by landfill gas. Each RICE is connected to an individual electrical generator and generates 1,600 kilowatts (kW) of electricity each. They were started-up in November 2008 and have yet to be compliance tested. The RICE-generator sets are located at the existing Trail Ridge Landfill facility at 5110 U.S. Highway 301 South in Baldwin, Duval County, Florida. On October 31, 2008, your request was received requesting a determination of non-applicability for these RICE regarding the regulations at 40 CFR 63, Subparts A and ZZZZ. Enclosed are the following documents:

- Technical Evaluation and Preliminary Determination;
- Draft Permit Revision;
- Written Notice of Intent to Issue Air Permit Revision; and
- Public Notice of Intent to Issue Air Permit Revision.

The Public Notice of Intent to Issue Air Permit Revision is the actual notice that you must have published in the legal advertisement section of a newspaper of general circulation in the area affected by this project.

If you have any questions, please contact the Project Engineer, Bruce Mitchell, at 850/413-9198.

Sincerely,

for

Trina Vielhauer, Chief  
Bureau of Air Regulation

Enclosures

TLV/sa/bm

## WRITTEN NOTICE OF INTENT TO ISSUE AIR PERMIT REVISION

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*In the Matter of an*

*Application for Air Permit Revision by:*

Trail Ridge Energy, LLC  
29261 Wall Street  
Wixom, Michigan 48393

*Authorized Representative:*

Mr. Scott Salisbury, President

Project No. 0310358-011-AC/PSD-FL-374B  
Revision to Permit No. 0310358-004-AC/PSD-FL-374  
Trail Ridge Energy, LLC  
Six Reciprocating Internal Combustion Engines (RICE)  
Duval County, Florida

**Facility Location:** Trail Ridge Energy, LLC operates six lean-burn spark-ignition RICE-generator sets at the existing Trail Ridge Landfill facility located at 5110 U.S. Highway 301 South in Baldwin, Duval County, Florida.

**Project:** The request is to make a determination of non-applicability for the six lean-burn spark-ignition RICE regarding the regulations at Title 40 of the Code of Federal Regulations Part 63 (40 CFR 63), Subpart A, General Provisions, and Subpart ZZZZ, Reciprocating Internal Combustion Engines. Since there will be no increase in pollutant emissions, the project is considered a minor modification to a major facility. An air quality impact analysis was not required. Details of the project are provided in the application and the enclosed Technical Evaluation and Preliminary Determination.

**Permitting Authority:** Applications for air construction permits are subject to review in accordance with the provisions of Chapter 403, Florida Statutes (F.S.), and Chapters 62-4, 62-210 and 62-212 of the Florida Administrative Code (F.A.C.). The proposed project is not exempt from air permitting requirements and an air permit is required to perform the proposed work. The Bureau of Air Regulation is the Permitting Authority responsible for making a permit determination for this project. The Permitting Authority's physical address is: 111 South Magnolia Drive, Suite #4, Tallahassee, Florida. The Permitting Authority's mailing address is: 2600 Blair Stone Road, MS #5505, Tallahassee, Florida 32399-2400. The Permitting Authority's telephone number is 850/488-0114.

**Project File:** A complete project file is available for public inspection during the normal business hours of 8:00 a.m. to 5:00 p.m., Monday through Friday (except legal holidays), at address indicated above for the Permitting Authority. The complete project file includes the Draft Permit Revision, the Technical Evaluation and Preliminary Determination, the application, and the information submitted by the applicant, exclusive of confidential records under Section 403.111, F.S. Interested persons may contact the Permitting Authority's project review engineer for additional information at the address or phone number listed above.

**Notice of Intent to Issue Permit Revision:** The Permitting Authority gives notice of its intent to issue an air permit to the applicant for the project described above. The applicant has provided reasonable assurance that operation of the proposed equipment will not adversely impact air quality and that the project will comply with all appropriate provisions of Chapters 62-4, 62-204, 62-210, 62-212, 62-296 and 62-297, F.A.C. The Permitting Authority will issue a Final Permit Revision in accordance with the conditions of the proposed Draft Permit Revision unless a timely petition for an administrative hearing is filed under Sections 120.569 and 120.57, F.S., or unless public comment received in accordance with this notice results in a different decision or a significant change of terms or conditions.

**Public Notice:** Pursuant to Section 403.815, F.S., and Rules 62-110.106 and 62-210.350, F.A.C., you (the applicant) are required to publish at your own expense the enclosed Public Notice of Intent to Issue Air Permit Revision (Public Notice). The Public Notice shall be published one time only as soon as possible in the legal advertisement section of a newspaper of general circulation in the area affected by this project. The newspaper used must meet the requirements of Sections 50.011 and 50.031, F.S., in the county where the activity is to take place. If you are uncertain that a newspaper meets these requirements, please contact the Permitting Authority at above address or phone number. Pursuant to Rules 62-110.106(5) and (9), F.A.C., the applicant shall provide proof of publication to the Permitting Authority at the above address within 7 days of publication. Failure to publish the notice and provide proof of publication may result in the denial of the permit pursuant to Rule 62-110.106(11), F.A.C.

**Comments:** The Permitting Authority will accept written comments concerning the proposed Draft Permit Revision for a period of 14 days from the date of publication of the Public Notice. Written comments must be received by the Permitting Authority by close of business (5:00 p.m.) on or before the end of this 14-day period. If written comments received result in a significant change to the Draft Permit Revision, the Permitting Authority shall revise the Draft Permit Revision and require, if applicable, another Public Notice. All comments filed will be made available for public inspection.

## WRITTEN NOTICE OF INTENT TO ISSUE AIR PERMIT REVISION

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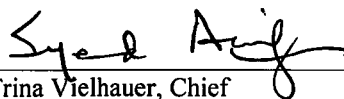
**Petitions:** A person whose substantial interests are affected by the proposed permitting decision may petition for an administrative hearing in accordance with Sections 120.569 and 120.57, F.S. The petition must contain the information set forth below and must be filed with (received by) the Department's Agency Clerk in the Office of General Counsel of the Department of Environmental Protection, 3900 Commonwealth Boulevard, Mail Station #35, Tallahassee, Florida 32399-3000. Petitions filed by the applicant or any of the parties listed below must be filed within 14 days of receipt of this Written Notice of Intent to Issue Air Permit Revision. Petitions filed by any persons other than those entitled to written notice under Section 120.60(3), F.S., must be filed within 14 days of publication of the attached Public Notice or within 14 days of receipt of this Written Notice of Intent to Issue Air Permit Revision, whichever occurs first. Under Section 120.60(3), F.S., however, any person who asked the Permitting Authority for notice of agency action may file a petition within 14 days of receipt of that notice, regardless of the date of publication. A petitioner shall mail a copy of the petition to the applicant at the address indicated above, at the time of filing. The failure of any person to file a petition within the appropriate time period shall constitute a waiver of that person's right to request an administrative determination (hearing) under Sections 120.569 and 120.57, F.S., or to intervene in this proceeding and participate as a party to it. Any subsequent intervention (in a proceeding initiated by another party) will be only at the approval of the presiding officer upon the filing of a motion in compliance with Rule 28-106.205, F.A.C.

A petition that disputes the material facts on which the Permitting Authority's action is based must contain the following information: (a) The name and address of each agency affected and each agency's file or identification number, if known; (b) The name, address, and telephone number of the petitioner; the name, address and telephone number of the petitioner's representative, if any, which shall be the address for service purposes during the course of the proceeding; and an explanation of how the petitioner's substantial interests will be affected by the agency determination; (c) A statement of when and how each petitioner received notice of the agency action or proposed decision; (d) A statement of all disputed issues of material fact. If there are none, the petition must so state; (e) A concise statement of the ultimate facts alleged, including the specific facts the petitioner contends warrant reversal or modification of the agency's proposed action; (f) A statement of the specific rules or statutes the petitioner contends require reversal or modification of the agency's proposed action including an explanation of how the alleged facts relate to the specific rules or statutes; and, (g) A statement of the relief sought by the petitioner, stating precisely the action the petitioner wishes the agency to take with respect to the agency's proposed action. A petition that does not dispute the material facts upon which the Permitting Authority's action is based shall state that no such facts are in dispute and otherwise shall contain the same information as set forth above, as required by Rule 28-106.301, F.A.C.

Because the administrative hearing process is designed to formulate final agency action, the filing of a petition means that the Permitting Authority's final action may be different from the position taken by it in this Written Notice of Intent to Issue Air Permit Revision. Persons whose substantial interests will be affected by any such final decision of the Permitting Authority on the application have the right to petition to become a party to the proceeding, in accordance with the requirements set forth above.

**Mediation:** Mediation is not available in this proceeding.

Executed in Tallahassee, Florida.

*for*   
\_\_\_\_\_  
Trina Vielhauer, Chief  
Bureau of Air Regulation

**WRITTEN NOTICE OF INTENT TO ISSUE AIR PERMIT REVISION**

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**CERTIFICATE OF SERVICE**

The undersigned duly designated deputy agency clerk hereby certifies that this Written Notice of Intent to Issue Air Permit Revision package (including the Public Notice, the Technical Evaluation and Preliminary Determination, and the Draft 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 12/24/08 to the persons listed below.

- Mr. Scott Salisbury, President, Trail Ridge 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. Jeff Pope, P.E., Clayton Group Services, Inc. – Bureau Veritas ([jeff.pope@us.bureauveritas.com](mailto:jeff.pope@us.bureauveritas.com))
- Mr. Richard Robinson, Duval County Environmental Quality Division ([ROBINSON@coj.net](mailto:ROBINSON@coj.net))
- 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), F.S., with the designated agency clerk, receipt of which is hereby acknowledged.

  
\_\_\_\_\_  
(Clerk)

12/24/08  
(Date)

## PUBLIC NOTICE OF INTENT TO ISSUE AIR PERMIT REVISION

Florida Department of Environmental Protection  
Division of Air Resource Management, Bureau of Air Regulation  
Permit Revision Project No. 0310358-011-AC/PSD-FL-374B  
Trail Ridge Energy, LLC  
Duval County, Florida

**Applicant:** The applicant for this project is the Trail Ridge Energy, LLC. The applicant's authorized representative and mailing address is: Mr. Scott Salisbury, President, Trail Ridge Energy, LLC, 29261 Wall Street, Wixom, Michigan 48393.

**Facility Location:** Trail Ridge Energy, LLC operates six lean-burn spark-ignition reciprocating internal combustion engine (RICE)-generator sets at the existing Trail Ridge Landfill facility located at 5110 U.S. Highway 301 South in Baldwin, Duval County, Florida.

**Project:** The request is to make a determination of non-applicability for the six RICE regarding the regulations at Title 40 of the Code of Federal Regulations Part 63 (40 CFR 63), Subpart A, General Provisions, and Subpart ZZZZ, Reciprocating Internal Combustion Engines. Since there will be no increase in pollutant emissions, the project is considered a minor modification to a major facility. An air quality impact analysis was not required. The non-applicability of 40 CFR 63, Subparts A and ZZZZ is based on the commenced construction date of the six RICE, which was December 19, 2005.

**Permitting Authority:** Applications for air construction permits are subject to review in accordance with the provisions of Chapter 403, Florida Statutes (F.S.), and Chapters 62-4, 62-210 and 62-212 of the Florida Administrative Code (F.A.C.). The proposed project is not exempt from air permitting requirements and an air permit is required to perform the proposed work. The Bureau of Air Regulation is the Permitting Authority responsible for making a permit determination for this project. The Permitting Authority's physical address is: 111 South Magnolia Drive, Suite #4, Tallahassee, Florida. The Permitting Authority's mailing address is: 2600 Blair Stone Road, MS #5505, Tallahassee, Florida 32399-2400. The Permitting Authority's telephone number is 850/488-0114.

**Project File:** A complete project file is available for public inspection during the normal business hours of 8:00 a.m. to 5:00 p.m., Monday through Friday (except legal holidays), at address indicated above for the Permitting Authority. The complete project file includes the Draft Permit Revision, the Technical Evaluation and Preliminary Determination, the application, and the information submitted by the applicant, exclusive of confidential records under Section 403.111, F.S. Interested persons may contact the Permitting Authority's project review engineer for additional information at the address and phone number listed above. In addition, electronic copies of these documents are available on the following web site:

[www.dep.state.fl.us/air/eproducts/apds/default.asp](http://www.dep.state.fl.us/air/eproducts/apds/default.asp).

**Notice of Intent to Issue Air Permit Revision:** The Permitting Authority gives notice of its intent to issue an air permit to the applicant for the project described above. The applicant has provided reasonable assurance that operation of proposed equipment will not adversely impact air quality and that the project will comply with all appropriate provisions of Chapters 62-4, 62-204, 62-210, 62-212, 62-296 and 62-297, F.A.C. The Permitting Authority will issue a Final Permit Revision in accordance with the conditions of the proposed Draft Permit Revision unless a timely petition for an administrative hearing is filed under Sections 120.569 and 120.57, F.S., or unless public comment received in accordance with this notice results in a different decision or a significant change of terms or conditions.

**Comments:** The Permitting Authority will accept written comments concerning the proposed Draft Permit Revision for a period of 14 days from the date of publication of the Public Notice. Written comments must be received by the Permitting Authority by close of business (5:00 p.m.) on or before the end of this 14-day period. If written comments received result in a significant change to the Draft Permit Revision, the Permitting Authority shall revise the Draft Permit Revision and require, if applicable, another Public Notice. All comments filed will be made available for public inspection.

**Petitions:** A person whose substantial interests are affected by the proposed permitting decision may petition

(Public Notice to be Published in the Newspaper)

## PUBLIC NOTICE OF INTENT TO ISSUE AIR PERMIT REVISION

for an administrative hearing in accordance with Sections 120.569 and 120.57, F.S. The petition must contain the information set forth below and must be filed with (received by) the Department's Agency Clerk in the Office of General Counsel of the Department of Environmental Protection at 3900 Commonwealth Boulevard, Mail Station #35, Tallahassee, Florida 32399-3000. Petitions filed by any persons other than those entitled to written notice under Section 120.60(3), F.S., must be filed within 14 days of publication of this Public Notice or receipt of a written notice, whichever occurs first. Under Section 120.60(3), F.S., however, any person who asked the Permitting Authority for notice of agency action may file a petition within 14 days of receipt of that notice, regardless of the date of publication. A petitioner shall mail a copy of the petition to the applicant at the address indicated above, at the time of filing. The failure of any person to file a petition within the appropriate time period shall constitute a waiver of that person's right to request an administrative determination (hearing) under Sections 120.569 and 120.57, F.S., or to intervene in this proceeding and participate as a party to it. Any subsequent intervention (in a proceeding initiated by another party) will be only at the approval of the presiding officer upon the filing of a motion in compliance with Rule 28-106.205, F.A.C.

A petition that disputes the material facts on which the Permitting Authority's action is based must contain the following information: (a) The name and address of each agency affected and each agency's file or identification number, if known; (b) The name, address and telephone number of the petitioner; the name address and telephone number of the petitioner's representative, if any, which shall be the address for service purposes during the course of the proceeding; and an explanation of how the petitioner's substantial rights will be affected by the agency determination; (c) A statement of when and how the petitioner received notice of the agency action or proposed decision; (d) A statement of all disputed issues of material fact. If there are none, the petition must so state; (e) A concise statement of the ultimate facts alleged, including the specific facts the petitioner contends warrant reversal or modification of the agency's proposed action; (f) A statement of the specific rules or statutes the petitioner contends require reversal or modification of the agency's proposed action including an explanation of how the alleged facts relate to the specific rules or statutes; and, (g) A statement of the relief sought by the petitioner, stating precisely the action the petitioner wishes the agency to take with respect to the agency's proposed action. A petition that does not dispute the material facts upon which the Permitting Authority's action is based shall state that no such facts are in dispute and otherwise shall contain the same information as set forth above, as required by Rule 28-106.301, F.A.C.

Because the administrative hearing process is designed to formulate final agency action, the filing of a petition means that the Permitting Authority's final action may be different from the position taken by it in this Public Notice of Intent to Issue Air Permit Revision. Persons whose substantial interests will be affected by any such final decision of the Permitting Authority on the application have the right to petition to become a party to the proceeding, in accordance with the requirements set forth above.

**Mediation:** Mediation is not available for this proceeding.

**TECHNICAL EVALUATION**  
**AND**  
**PRELIMINARY DETERMINATION**

Trail Ridge Energy, LLC

Six Reciprocating Internal Combustion Engine-Generator Sets Project

Duval County

Permit Revision Project No. 0310358-011-AC/PSD-FL-374B  
Revision to Permit No. 0310358-004-AC/PSD-FL-374



Department of Environmental Protection  
Division of Air Resource Management  
Bureau of Air Regulation  
New Source Review Section

December 24, 2008

**1. GENERAL PROJECT INFORMATION**

**A. Applicant Name and Address**

Trail Ridge Energy, LLC  
29261 Wall Street  
Wixom, Michigan 48393

Authorized Representative: Mr. Scott Salisbury, President

**B. Processing Schedule**

10-31-08: Receipt of Request for an Air Construction (AC) Permit Revision.  
11-05-08: Receipt of Supplemental Information.

**C. Facility Location and Description**

The existing Trail Ridge Landfill facility is located at 5110 U.S. Highway 301 South in Baldwin, Duval County, Florida. The Trail Ridge Energy, LLC facility is located at the existing Trail Ridge Landfill facility. The Trail Ridge Energy, LLC operation, which includes six lean-burn spark-ignition reciprocating internal combustion engine (RICE)-generator sets firing landfill gas, is categorized under Standard Industrial Classification (SIC) Code No. 4953, Refuse Systems. The UTM coordinates are Zone 17, 399.765 km East and 3344.919 km North. This facility is located in an area that is in attainment (or designated as unclassifiable or maintenance) for all pollutants subject to a National Ambient Air Quality Standard (NAAQS).

**D. Facility Regulatory Categories**

Title III: The facility is a minor (area) source of hazardous air pollutants (HAP).

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, Florida Administrative Code (F.A.C.).

Prevention of Significant Deterioration (PSD): The facility is a PSD-major source of air pollution in accordance with Rules 62-210.200(Definitions – Major Stationary Source) and 62-212.400(PSD), F.A.C.

**E. Project Description**

AC permit, No. 0310358-004-AC/PSD-FL-374, authorized the construction of six RICE-generator sets at the existing Trail Ridge Landfill. 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 December 11, 2006. In the permit, these RICE were deemed subject to the provisions of Title 40, Code of Federal Regulations, Part 63 (40 CFR 63), Subpart A, General Provisions, and Subpart ZZZZ, Reciprocating Internal Combustion Engines.

A request was submitted to make a determination of non-applicability for the six lean burn RICE regarding the regulations at 40 CFR 63, Subpart ZZZZ, Reciprocating Internal Combustion Engines, based on the amendments to this subpart issued on January 18, 2008, by the U.S. Environmental Protection Agency (EPA). Pursuant to 40 CFR 63.6590(a)(1)(iii), a stationary RICE located at an area source of HAP 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) and of Subpart A of 40 CFR 63; and no initial notification is necessary.

Since there will be no increase in pollutant emissions or a change in the method of operation, the project is considered a minor modification. An air quality impact analysis was not required. The details of the permit revisions and Department of Environmental Protection's (Department's) responses are as follows. Please note that double underlined words are additions and strikethrough words are deletions.



**TECHNICAL EVALUATION AND PRELIMINARY DETERMINATION**

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**Permit Revision Request #1: Section I. Facility Information. Regulatory Classification. 2<sup>nd</sup> Paragraph.**

In the 2<sup>nd</sup> paragraph of the Regulatory Classification, the applicant requested deletion of the references to the provision of 40 CFR 63, Subpart ZZZZ.

**Department's Response for Request #1:** The Department agrees with the request and the 2<sup>nd</sup> paragraph of the Regulatory Classification will be changed to read as follows:

The provisions of 40 CFR 60, Subpart A, General Provisions, Subpart WWW, Standards of Performance for Municipal Solid Waste Landfills, 40 CFR 63, Subpart A, General Provisions, and 40 CFR 63, Subpart AAAA, National Emissions Standards for Hazardous Air Pollutants (NESHAP) for Municipal Solid Waste Landfills and 40 CFR 63, Subpart ZZZZ, NESHAP for Stationary Reciprocating Internal Combustion Engines applies to the six internal combustion engines.

**Permit Revision Request #2: Section III. Emission Unit(s) Specific Conditions. Subsection A. Specific Condition A.3. Fuel Specifications and Work Practices.**

The permittee requested deletion of the reference to the provisions of 40 CFR 63, Subpart ZZZZ.

**Department's Response for Request #2:** The Department agrees with the request and the specific condition will be changed to read as follows:

Emissions Units Nos. 004-009 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.

**Permit Revision Request #3: Appendix GC. General Permit Conditions. Condition G.13.**

The permittee requested deletion of the reference to the provisions of 40 CFR 63, Subpart ZZZZ.

**Department's Response for Request #3:** The Department agrees with the request and the condition will be changed to read as follows:

This permit also constitutes:

- (X) Determination of Best Available Control Technology (BACT)
- (X) Determination of Prevention of Significant Deterioration (PSD)
- (X) Compliance with New Source Performance Standards (NSPS). Subpart WWW requirements and
- (X) Compliance with National Emission Standards for Hazardous Air Pollutants (NESHAP). Subpart AAAA and ZZZZ requirements

**2. APPLICABLE REGULATIONS**

**A. State Regulations**

This project is subject to the applicable environmental laws specified in Section 403 of the Florida Statutes (F.S.). The F.S. authorize the Department to establish rules and regulations regarding air quality as part of the F.A.C. This project is subject to the applicable rules and regulations defined in the following Chapters of the F.A.C.

<u>Chapter</u>	<u>Description</u>
62-4	Permitting Requirements
62-204	Ambient Air Quality Requirements and Federal Regulations Adopted by Reference
62-210	Permits Required, Categorical Exemptions, Public Notice, Reports, Stack Height Policy, Circumvention, Excess Emissions, and Forms
62-212	PSD Review
62-213	Title V Air Operation Permits for Major Sources of Air Pollution
62-297	Test Methods and Procedures, Continuous Monitoring Specifications, and Alternate Sampling Procedures

## TECHNICAL EVALUATION AND PRELIMINARY DETERMINATION

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### B. Federal Regulations

This project is also subject to the applicable federal provisions regarding air quality as established by the Environmental Protection Agency (EPA) in the following sections of the Code of Federal Regulations (CFR).

<u>CFR</u>	<u>Description</u>
40 CFR 60	Subpart A - General Provisions for New Source Performance Standards (NSPS) Sources NSPS Subpart WWW - NSPS for Municipal Solid Waste Landfills
40 CFR 63	Subpart A - General Provisions for NESHAP NESHAP Subpart AAAA – NESHAP for Municipal Solid Waste Landfills

### C. General PSD Applicability

The Department regulates major air pollution sources in accordance with Florida's PSD program, as approved by the EPA in Florida's State Implementation Plan and defined in Rule 62-212.400, F.A.C. A PSD review is required in areas currently in attainment with the state and federal Ambient Air Quality Standards (AAQS) or areas designated as "unclassifiable" for a given pollutant. A new facility is considered "major" with respect to PSD if it emits or has the potential to emit:

- 250 tons per year or more of any regulated air pollutant, or
- 100 tons per year or more of any regulated air pollutant and the facility belongs to one of the 28 PSD Major Facility Categories [Rule 62-210.200(Definitions – Major Stationary Source), F.A.C.], or
- 5 tons per year of lead.

For new projects at PSD-major sources, each regulated pollutant is reviewed for PSD applicability based on emissions thresholds known as the Significant Emission Rates and defined in Rule 62-210.200(Definitions), F.A.C. Pollutant emissions from the project exceeding these rates are considered "significant" and the applicant must employ the Best Available Control Technology (BACT) to minimize emissions of each such pollutant and evaluate the air quality impacts. Although a facility may be "major" with respect to PSD for only one regulated pollutant, it may be required to install BACT controls for several "significant" regulated pollutants.

### D. PSD Applicability for the Project

The applicant was authorized to construct six RICE-generator sets on December 11, 2006, and was subject to the PSD new source review requirements, including BACT, in regard to the PSD regulations in Chapter 62-212, F.A.C. This permit revision is mainly clarifications and edits and considered to be a minor modification to a major facility in regard to the PSD regulations in Chapter 62-212, F.A.C.

### 3. AIR QUALITY ANALYSIS

Because the proposed project is not subject to preconstruction review requirements, an air quality analysis is not required.

### 4. CONCLUSION

The Department makes a preliminary determination that the proposed project will comply with all applicable state and federal air pollution regulations as conditioned by the draft permit (revision letter). This determination is based on a technical review of the complete application (letter), reasonable assurances provided by the applicant, and the conditions specified in the draft permit (revision letter). No air quality modeling analysis is required because the project does not result in a significant increase in emissions. Bruce Mitchell is the project engineer responsible for reviewing the application and drafting the permit (revision letter). Additional details of this analysis may be obtained by contacting the project engineer at the Department's Bureau of Air Regulation at Mail Station #5505, 2600 Blair Stone Road, Tallahassee, Florida 32399-2400.

# DRAFT

Month Day, Year

*Sent by Electronic Mail – Received Receipt Requested*

Mr. Scott Salisbury  
President  
Trail Ridge Energy, LLC  
29261 Wall Street  
Wixom, Michigan 48393

Re: Draft Air Construction (AC) Permit Revision Project No. 0310358-011-AC/PSD-FL-374B  
Revision of Permit Project No. 0310358-004-AC/PSD-FL-374  
Trail Ridge Energy, LLC – Six Reciprocating Internal Combustion Engine-Generator Sets  
Determination of Non-Applicability of 40 CFR 63, Subparts A and ZZZZ

Dear Mr. Salisbury:

The Department received your request on October 31, 2008, for a revision of air construction (AC) permit, No. 0310358-004-AC/PSD-FL-374, which authorized the construction of six lean-burn spark-ignition reciprocating internal combustion engine (RICE)-generator sets at the existing Trail Ridge Landfill facility located at 5110 U.S. Highway 301 South in Baldwin, Duval County, Florida. The AC permit was issued on December 11, 2006.

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), Subparts A and ZZZZ. Therefore and as explained in the technical evaluation and preliminary determination, the Department is agreeable to revise AC permit No. 0310358-004-AC/PSD-FL-374 as follows. Please note that double underlined words are additions and strikethrough words are deletions.

I. Section I. Facility Information.

A. Regulatory Classification. Paragraph 2.

The provisions of 40 CFR 60, Subpart A, General Provisions, Subpart WWW, Standards of Performance for Municipal Solid Waste Landfills, 40 CFR 63, Subpart A, General Provisions, and 40 CFR 63, Subpart AAAA, National Emissions Standards for Hazardous Air Pollutants (NESHAP) for Municipal Solid Waste Landfills and ~~40 CFR 63, Subpart ZZZZ~~, NESHAP for ~~Stationary Reciprocating Internal Combustion Engines~~ applies to the six 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. 004-009 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.

## DRAFT PERMIT

### III. Appendix GC.

#### Condition G.13.

This permit also constitutes:

- (X) Determination of Best Available Control Technology (BACT)
- (X) Determination of Prevention of Significant Deterioration (PSD)
- (X) Compliance with New Source Performance Standards (NSPS). Subpart WWW requirements and
- (X) Compliance with National Emission Standards for Hazardous Air Pollutants (NESHAP). 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.

DRAFT

\_\_\_\_\_  
Joseph Kahn, Director  
Division of Air Resource Management

\_\_\_\_\_  
Date

## Livingston, Sylvia

---

**From:** Livingston, Sylvia  
**Sent:** Wednesday, December 24, 2008 2:36 PM  
**To:** scott.salisbury@landfillenergy.com  
**Cc:** dderenzo@derenzo.com; jeff.pope@us.bureauveritas.com; robinson@coj.net; Gibson, Victoria; Mitchell, Bruce; Walker, Elizabeth (AIR)  
**Subject:** TRAIL RIDGE LANDFILL; 0310358-011-AC (PSD-FL-374B)  
**Attachments:** 0310358-011-AC\_Intent.pdf

Dear Sir/ Madam:

Attached is the official **Notice of Draft 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.D\\_pdf.zip](http://ARM-PERMIT2K.dep.state.fl.us/adh/prod/pdf_permit_zip_files/0310358.011.AC.D_pdf.zip)

**Owner/Company Name:** CITY OF JACKSONVILLE  
**Facility Name:** TRAIL RIDGE LANDFILL  
**Project Number:** 0310358-011-AC/ PSD-FL-374B  
**Permit Status:** DRAFT  
**Permit Activity:** CONSTRUCTION/ N/A OF ZZZZ - PSD-FL-374B  
**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

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 07, 2009 10:12 AM  
**To:** Livingston, Sylvia  
**Subject:** RE: TRAIL RIDGE LANDFILL; 0310358-011-AC (PSD-FL-374B)

I received and can access these documents. Please change the primary contact to Michael Laframboise – V.P. of Operations. Street address the same.

---

**From:** Livingston, Sylvia [mailto:Sylvia.Livingston@dep.state.fl.us]  
**Sent:** Wednesday, December 24, 2008 2:36 PM  
**To:** Scott Salisbury  
**Cc:** dderenzo@derenzo.com; jeff.pope@us.bureauveritas.com; robinson@coj.net; Gibson, Victoria; Mitchell, Bruce; Walker, Elizabeth (AIR)  
**Subject:** TRAIL RIDGE LANDFILL; 0310358-011-AC (PSD-FL-374B)

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[http://ARM-PERMIT2K.dep.state.fl.us/adh/prod/pdf\\_permit\\_zip\\_files/0310358.011.AC.D\\_pdf.zip](http://ARM-PERMIT2K.dep.state.fl.us/adh/prod/pdf_permit_zip_files/0310358.011.AC.D_pdf.zip)

**Owner/Company Name:** CITY OF JACKSONVILLE  
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**Project Number:** 0310358-011-AC/ PSD-FL-374B  
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Sylvia Livingston.

## Livingston, Sylvania

---

**From:** David Derenzo [dderenzo@derenzo.com]  
**Sent:** Wednesday, December 24, 2008 3:08 PM  
**To:** Livingston, Sylvania  
**Subject:** RE: TRAIL RIDGE LANDFILL; 0310358-011-AC (PSD-FL-374B)

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

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**From:** Livingston, Sylvania [mailto:Sylvia.Livingston@dep.state.fl.us]  
**Sent:** Wednesday, December 24, 2008 2:36 PM  
**To:** scott.salisbury@landfillenergy.com  
**Cc:** dderenzo@derenzo.com; jeff.pope@us.bureauveritas.com; robinson@coj.net; Gibson, Victoria; Mitchell, Bruce; Walker, Elizabeth (AIR)  
**Subject:** TRAIL RIDGE LANDFILL; 0310358-011-AC (PSD-FL-374B)

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