Florida Department of Environmental Protection

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2600 Blair Stone Road
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Rick Scott
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Jennifer Carroll
Lt. Governor

Herschel T. Vinyard Jr.
Secretary

PERMITTEE

City of Jacksonville
Public Works Department
117 West Duval Street, St. James Building, 4th Floor
Jacksonville, FL 32202

Authorized Representative:
Ms. Kerri Stewart, Chief Administrative Officer

Air Permit No. 0310358-012-AC/ PSD-FL-374C
Permit Expires: October 1, 2016
Trail Ridge Energy, LLC
Facility ID No. 0310358
Landfill Gas-to-Energy Project

PROJECT

This is the final air construction permit, which authorizes the installation and operation of four new Caterpillar Model No. G3520C or equivalent engine generator sets and modifies the CO emissions standard as Best Available Control Technology (BACT) for the proposed and existing engine generator sets. In addition, the applicant requested a concurrent revision of the Title V air operation permit. The proposed work will be conducted at the existing Trail Ridge Energy Landfill, which is a landfill categorized under Standard Industrial Classification No. 4953. The existing facility is located in Duval County at 5110 US Highway 301 South, Baldwin, Florida. The UTM coordinates are Zone 17, 399.765 km East, and 3344.919 km North.

This final permit is organized into the following sections: Section 1 (General Information); Section 2 (Administrative Requirements); Section 3 (Emissions Unit Specific Conditions); Section 4 (Appendices). Because of the technical nature of the project, the permit contains numerous acronyms and abbreviations, which are defined in Appendix A of Section 4 of this permit. As noted in the Final Determination provided with this final permit, only minor changes and clarifications were made to the draft permit.

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 proposed work in accordance with the conditions of this permit. This project is subject to the general preconstruction review requirements in Rule 62-212.300, F.A.C. and is not subject to the preconstruction review requirements for major stationary sources in Rule 62-212.400, F.A.C. for the Prevention of Significant Deterioration (PSD) of Air Quality.

Upon issuance of this final permit, any party to this order has the right to seek judicial review of it under Section 120.68 of the Florida Statutes by filing a notice of appeal under Rule 9.110 of the Florida Rules of Appellate Procedure with the clerk of the Department of Environmental Protection in the Office of General Counsel (Mail Station #35, 3900 Commonwealth Boulevard, Tallahassee, Florida, 32399-3000) and by filing a copy of the notice of appeal accompanied by the applicable filing fees with the appropriate District Court of Appeal. The notice must be filed within 30 days after this order is filed with the clerk of the Department.

Executed in Tallahassee, Florida
For the Division of Air Resource Management

Jeffery F. Koerner — 9-28-11

Jeffery F. Koerner, P.E., Program Administrator — (Date)
Office of Permitting and Compliance
Division of Air Resource Management

CERTIFICATE OF SERVICE

The undersigned duly designated deputy agency clerk hereby certifies that this Final Air Permit package (including the Final Determination and Final Permit with Appendices) 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 9-28-11 to the persons listed below.

Ms. Kerri Stewart, City of Jacksonville(kerris@coj.net)
Mr. Scott Salisbury, Trail Ridge Energy, LLC (scott.salisbury@landfillenergy.com)
Mr. Robert Harvey, P.E., Derenzo and Associates, Inc. (rharvey@derenzo.com)
Mr. Chris Kirts, Northeast District (christopher.kirts@dep.state.fl.us)
Mr. Richard Robinson, Duval County Environmental Resources Management (robinson@coj.net)
Ms. Kathleen Forney, EPA Region 4 (forney.kathleen@epa.gov)
Ms. Heather Abrams, EPA Region 4 (abrams.heather@epa.gov)
Ms. Ana Oquendo, US EPA Region 4 (oquendo.ana@epa.gov)
Ms. Barbara Friday, DEP OPC (barbara.friday@dep.state.fl.us) (for posting with U.S. EPA, Region 4)
Ms. Lynn Scearce, DEP OPC Reading File (lynn.scearce@dep.state.fl.us)

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.

Lynn Scearce (Clerk) September 28, 2011 (Date)