

## Department of Environmental Protection

Jeb Bush Governor Twin Towers Office Building 2600 Blair Stone Road Tallahassee, Florida 32399-2400

Colleen M. Castille Secretary

July 5, 2006

## CERTIFIED MAIL - RETURN RECEIPT REQUESTED

Mr. Scott Salisbury Trail Ridge Energy, L.L.C. 29261 Wall Street Wixom, Michigan 48393

Re: DEP File No. 0310358-004-AC (PSD-FL-374)

Trail Ridge Energy – Installation of six (6) reciprocating internal combustion engines--Review of Air Quality Modeling Report

Dear Mr. Salisbury:

The Department received the air quality modeling report on June 5, 2006, associated with the February 24, 2006, application to allow Trail Ridge Energy to construct and operate an electric generation facility at the Trail Ridge Landfill Facility in Duval County. Based on our review of the modeling report, we have determined that additional information is needed in order to continue processing this application package. Please submit the information requested below to the Department's Bureau of Air Regulation:

- 1. The department does not accept modeling analyses based on five years of non consecutive meteorological data. The meteorological data period used was for the period 1990 through 1992 and 1994 through 1995. Please redo the air quality modeling for all PSD significant pollutants using 2001-2005 Jacksonville meteorological data, which the Department will provide. In addition the PM<sub>10</sub> 24 hour significant impact analysis should compare results with the highest value over 5 years, not the sixth highest.
- 2. Please address the following comment on the regional haze analysis submitted by the federal land manager via e-mail. If the updated results of the regional haze analysis, with SO<sub>2</sub> emissions added, show the greatest light extinction to be greater than 5.00%, the Department will provide 2001-2003 CALPUFF meteorological data for use in any regular CALPUFF modeling runs.

The Department will resume processing this application after receipt of the requested information. Rule 62-4.050(3), F.A.C. requires that all applications for a Department permit must be certified by a professional engineer registered in the State of Florida. This requirement also applies to responses to Department requests for additional information of an engineering nature. A new certification statement by the authorized representative or responsible official must accompany any material changes to the application. Rule 62-4.055(1), F.A.C. now requires applicants to respond to requests for information within 90 days.

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Mr. Scott Salisbury Page 2 of 2 July 5, 2006

We will be happy to meet and discuss the details with you and your staff. You may discuss the modeling requirements with Mr. Cleve Holladay at 850/921-8689.

Sincerely.

Cleve Holladay

Bureau of Air Regulation

/ch

cc: Chris Kirts, DEP-NED
Richard Robinson, ERM/AQB
Jeff Pope, P.E., Clayton Group Services, Inc.
Gregg Worley, EPA Region 4
John Bunyak, NPS

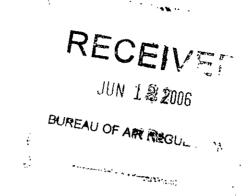
Enclosure

## Derenzo and Associates, Inc.

Environmental Consultants

June 8, 2006

Mr. Cleve Holladay Engineer-4 2600 Blairstone Road Mail Stop 5505 Tallahassee, FL 32399-2400



Subject: Trail Ridge Energy, L.L.C.

Air Quality Modeling Protocol (Appendix I of Permit Application Package)

Project No.: 0310358-004, PSD Permit No.: PSD-FL-374

Dear Mr. Holladay:

Derenzo and Associates, Inc. (Derenzo and Associates), on behalf of the Trail Ridge Energy, L.L.C., is submitting to the Florida Department of Environmental Protection, Division of Air Resource Management (FDEP-DARM) the enclosed Air Quality Modeling Protocol document for a new landfill gas (LFG) fueled internal combustion (IC) engine electricity generation facility at the Trail Ridge Landfill.

Preconstruction and Operating Permit Application documents for this project were previously submitted to the FDEP-DARM.

The Air Quality Modeling Protocol (referenced as Appendix I in the permit application documents) is being submitted to the FDEP-DARM for review of the specified modeling analyses.

Please contact us at (517) 324-1880 or arusnak@derenzo.com should you have any questions or require additional information.

Sincerely,

DERENZO AND ASSOCIATES, INC.

Andy Rusnak

Environmental Engineer

Enclosure