



Florida Department of Environmental Protection

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

Rick Scott
Governor

Jennifer Carroll
Lt. Governor

Herschel T. Vinyard Jr.
Secretary

PERMITTEE

Highlands EnviroFuels (HEF), LLC
10027 Water Works Lane
Riverview, Florida 33578

Authorized Representative:
Mr. Bradley Krohn
President and Managing Member

Air Permit No. 0550063-001-AC
PSD-FL-416

Expires: June 30, 2016

Facility ID No. 0550063

Sugarcane/Sweet Sorghum-to-Ethanol Advanced
Biorefinery and Cogeneration Plant
Highlands County

PROJECT

This is the final air construction permit authorizing the construction of a 36 million gallon per year (MGPY) ethanol production facility using sugarcane and sweet sorghum as the feedstock and a cogeneration power plant that will generate up to 30 megawatts (MW, gross) of electricity utilizing the leftover sugarcane and sweet sorghum stalk fiber (bagasse) from the ethanol production process as its primary fuel source. The new HEF facility will use natural fermentation processes to produce ethanol from biomass. The plant is categorized under Standard Industrial Classification (SIC) No. 2869, and will be located approximately 0.5 miles south-southwest of the intersection of U.S. Highway 27 and State Road 70, south of Lake Placid, in Highlands County, Florida. The UTM coordinates of the facility are Zone 17, 466.407 kilometers (km) East and 3,009.015 km North.

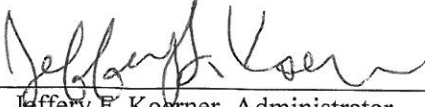
This final permit is organized into the following sections: Section 1 (General Information); Section 2 (Administrative Requirements); Section 3 (Emissions Unit Specific Conditions); and Section 4 (Appendices). Because of the technical nature of the project, the permit contains numerous acronyms and abbreviations which are defined in Appendix CF 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 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, including a determination of Best Available Control Technology (BACT).

Upon issuance of this final permit, 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 (Department) 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, Administrator
Office of Permitting and Compliance
Division of Air Resource Management

9-23-11
(Date)

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 was made available electronically on a publicly accessible server, with received receipt requested before the close of business on 9-23-11 to the persons listed below.

Bradley Krohn, HEF: BKrohn@usenvirofuels.com
Ajaya Saytal, DEP SD: ajaya.satyal@dep.state.fl.us
Heather Abrams, EPA Region 4: abrams.heather@epa.gov
Dee Morse, NPS: dee_morse@nps.gov
David Buff, P.E. Golder and Associates: dbuff@golder.com
John Holbrook, Mayor, Lake Placid: john_holbrook@mylakeplacid.org
Rick Helms, Highlands County: rhelms@hcbcc.org
Jim Shore, Esq., General Counsel, Seminole Tribe of Florida: c/o amotlow@semtribe.com
Craig Tepper, Director, ERMD, Seminole Tribe of Florida: ctepper@semtribe.com
Barbara Friday, DEP OPC: barbara.friday@dep.state.fl.us
Lynn Searce, OPC Reading File: lynn.searce@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 Searce September 23, 2011
(Clerk) (Date)