Florida Department of Environmental Protection

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Charlie Crist
Governor

Jeff Kottkamp
Lt. Governor

Michael W. Sole
Secretary

PERMITTEE

Geoplasma-St. Lucie, LLC
171 17th Street NW, Suite 1550
Atlanta, Georgia 30363

Authorized Representative:
Dr. Hilburn O. Hillestad

Air Permit No. 1110138-001-AC
Expires: June 30, 2014
St. Lucie Plasma Gasification Project
Waste-to-Energy (WTE) Facility
Facility ID No. 1110138
St. Lucie County

PROJECT AND LOCATION

This permit authorizes the construction of a gross 24 megawatt (MW) plasma arc gasification waste-to-energy (WTE) power plant. The proposed Geoplasma-St. Lucie, LLC Plasma Gasification WTE facility will be located in St. Lucie County on a parcel of land approximately 9 acres in size within the site currently occupied by St. Lucie County's Sanitary Landfill. The landfill is located off of Glades Cut-Off Road south of the crossing of Interstate 95 and the Florida Turnpike and approximately 8 miles southwest of the City of Fort Pierce. The UTM coordinates for this site are Zone 17; 335.20 kilometers (km) East and 3,084.10 km North.

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 and as described in the application, approved drawings, plans, and other documents on file with the Department. This project is subject to the general preconstruction review requirements in Rule 62-212.300, F.A.C.

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

Joseph Kahn, Director
Division of Air Resource Management

6/16/10
(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 made available electronically on a publicly accessible server, with received receipt requested before the close of business on 6/17/10 to the persons listed below.

Hilburn O. Hillestad, Geoplasma-St. Lucie, LLC: hillestad@geoplasma.com
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Clerk Stamp

FILING AND ACKNOWLEDGMENT FILED, on this date, pursuant to §120.52, Florida Statutes, with the designated Department Clerk, receipt of which is hereby acknowledged.

(Clerk) 6/17/10 (Date)