



Rick Scott
Governor

H. Frank Farmer, Jr., MD, PhD, FACP.
State Surgeon General

August 25, 2011
ELECTRONIC CORRESPONDENCE
jarrieta@sfwmd.gov

Mr. Joel Arrieta, Director, Field Operations, Operations and Maintenance Resources
South Florida Water Management District
3301 Gun Road Club, Dept 5400
West Palm Beach, FL 33046

Re: DRAFT Air Construction Permit No. 0990550-007-AC
DRAFT Title V Air Operation Permit Renewal No. 0990549-008-AV
Palm Beach County – SFWMD Pump Station G335

Dear Mr. Arrieta:

One copy of the Technical Evaluation and Preliminary Determination, the DRAFT Air Construction Permit, and the DRAFT Title V Air Operation Permit Renewal for the South Florida Water Management District Pump Station G-335, located 1,500 feet west and 200 feet north of the southwest corner of section 2, Township 47 South, and Range 39 East in Palm Beach County, Florida [UTM Coordinates: Zone 17; 552.60 km E; 2921.99 km N Latitude: 26° 22' 44" North/ Longitude: 80° 30' 45" West] is enclosed. The permitting authority's "INTENT TO ISSUE AN AIR CONSTRUCTION PERMIT AND A TITLE V AIR OPERATION PERMIT RENEWAL" and the "PUBLIC NOTICE OF INTENT TO ISSUE AN AIR CONSTRUCTION PERMIT AND A TITLE V AIR OPERATION PERMIT RENEWAL" are also included.

An electronic version of the DRAFT Permit will be posted on the Division of Air Resource Management's World Wide Web site for the United States Environmental Protection Agency (USEPA) Region 4 office's review. The web site address is:

<http://www.dep.state.fl.us/air/emission/apds/default.asp>

The "PUBLIC NOTICE OF INTENT TO ISSUE AN AIR CONSTRUCTION PERMIT AND A TITLE V AIR OPERATION PERMIT RENEWAL" must be published as soon as possible. Proof of publication, i.e., newspaper affidavit, must be provided to the permitting authority's office within 7 (seven) days of publication pursuant to Rule 62-110.106(5), F.A.C. Failure to publish the notice and provide proof of publication within the allotted time may result in the denial of the permits pursuant to Rule 62-110.106(11), F.A.C.

Please submit any written comments you wish to have considered concerning the permitting authority's proposed action to Laxmana Tallam, P.E., at the below letterhead address. If you have any other questions, please contact Laxmana Tallam, P.E., at 561-837-5900.

Sincerely,

A handwritten signature in blue ink that reads "James E. Stormer".

James E. Stormer, Q.E.P., Environmental Administrator
Air & Waste Section
Division of Environmental Public Health

In the Matter of an
Application for Permits by:

South Florida Water Management District
3301 Gun Road Club
West Palm Beach, FL 33406

DRAFT Permit No.: 0990550-007-AC
DRAFT Title V Permit No. 0990550-008-AV;
Palm Beach County

INTENT TO ISSUE AN AIR CONSTRUCTION PERMIT AND A TITLE V AIR OPERATION PERMIT RENEWAL

The Palm Beach County (PBC) Health Department (permitting authority) gives notice of its intent to issue an Air Construction Permit and a Title V Air Operation Permit Renewal (copies of the DRAFT Air Construction Permit and DRAFT Title V Air Operation Permit Renewal are attached) for the Title V source detailed in the application(s) specified above and the attached Technical Evaluation and Preliminary Determination, for the reasons stated below.

The applicant, South Florida Water Management District, applied on **03/31/2011** to the permitting authority for a Title V Air Operation Permit Renewal and an Air Construction Permit for its facility located at 1,500 feet west and 200 feet north of the southwest corner of section 2, Township 47 South, and Range 39 East in Palm Beach County, Florida. This is a combined application for an air construction permit and Title V operation permit Renewal for the Pump Station G-335.

This pump station includes two Fairbanks-Morse 1,535-BHP (brake horse power) water pumps, two Fairbanks-Morse 587-BHP water pumps, two Cummins 900-BHP emergency power generators, four 12,848-gallons above ground storage tanks (ASTs), four 300-gallons above ground day tanks for the pump engines and two 105-gallons above ground day tanks (one for each generator) and miscellaneous insignificant activities. The facility is classified as a synthetic-minor source under the Prevention of Significant Deterioration (PSD) program and a natural minor source under the Hazardous Air Pollutant program. Potential emissions of criteria pollutants from the source are limited below the 250 ton per year – the major source threshold.

The construction project 0990550-007-AC is to install an add-on oxidation catalyst control device at each water pump engine. These control devices are necessary to demonstrate compliance with the regulations of 40 CFR Part 63 Subpart ZZZZ "National Emission Standard for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines (RICE)" that will become effective May 3, 2013. This permit increases the annual fuel consumption limit from 926,000 to 1,100,000 gallons and removes the sulfur fuel sampling requirements, as requested by the applicant.

The permitting authority has permitting jurisdiction under the provisions of Chapter 403, Florida Statutes (F.S.), and Florida Administrative Code (F.A.C.) Chapters 62-4, 62-210, 62-212 and 62-213. This source is not exempt from construction and Title V permitting procedures. The permitting authority has determined that an Air Construction Permit and a Title V Air Operation Permit Renewal are required to construct and to commence or continue operations at the described facility.

The permitting authority intends to issue the Air Construction Permit and the Title V Air Operation Permit Renewal based on the belief that reasonable assurances have been provided to indicate that the construction activity and operation of the source will not adversely impact air quality, and the source will comply with all appropriate provisions of Chapters 62-4, 62-204, 62-210, 62-212, 62-213, 62-256, 62-257, 62-281, 62-296, and 62-297, F.A.C.

Pursuant to Sections 403.815 and 403.087, F.S., and Rules 62-110.106 and 62-210.350(3), F.A.C., you (the applicant) are required to publish at your own expense the enclosed "**PUBLIC NOTICE OF INTENT TO ISSUE AN AIR CONSTRUCTION PERMIT AND A TITLE V AIR OPERATION PERMIT RENEWAL.**" The 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. For the purpose of these rules, "publication in a newspaper of general circulation in the area affected" means publication in a newspaper meeting 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 the address or telephone number listed below. The applicant shall provide proof of publication to the permitting authority's office at Air Pollution Control Section, Palm Beach County Health Department, 800 Clematis St., Post Office Box 29, West Palm Beach, Florida 33402-0029 (Telephone: (561) 837-5900; Fax: (561) 837-5295), within 7 (seven) days of publication. Failure to publish the notice and

provide proof of publication within the allotted time may result in the denial of the permit pursuant to Rule 62-103.150(6), F.A.C. Failure to publish the notice and provide proof of publication may result in the denial of the permits pursuant to Rule 62-110.106(11), F.A.C.

The permitting authority will issue the FINAL Air Construction Permit in accordance with the conditions of the attached DRAFT Air Construction Permit unless a response received in accordance with the following procedures results in a different decision or significant change of terms or conditions.

The permitting authority will issue the PROPOSED Title V Air Operation Permit Renewal, and subsequent FINAL Permit, in accordance with the conditions of the attached DRAFT Permit unless a response received in accordance with the following procedures results in a different decision or significant change of terms and conditions.

The permitting authority will accept written comments concerning the proposed DRAFT Air Construction Permit issuance action for a period of 14 (fourteen) days from the date of publication of the "PUBLIC NOTICE OF INTENT TO ISSUE AN AIR CONSTRUCTION PERMIT AND A TITLE V AIR OPERATION PERMIT RENEWAL." Written comments should be provided to the permitting authority office. Any written comments filed shall be made available for public inspection. If written comments received result in a significant change in this DRAFT Air Construction Permit, the permitting authority shall issue a revised DRAFT Air Construction Permit and require, if applicable, another Public Notice.

The permitting authority will accept written comments concerning the proposed DRAFT Title V Air Operation Permit Renewal issuance action for a period of 30 (thirty) days from the date of publication of the "PUBLIC NOTICE OF INTENT TO ISSUE AN AIR CONSTRUCTION PERMIT AND A TITLE V AIR OPERATION PERMIT RENEWAL." Written comments should be provided to the permitting authority office. Any written comments filed shall be made available for public inspection. If written comments received result in a significant change in this DRAFT Title V Air Operation Permit Renewal, the permitting authority shall issue a Revised DRAFT Title V Air Permit Renewal and require, if applicable, another Public Notice.

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 (received) in the Permitting authority's Legal Office, located at 800 Clematis Street in West Palm Beach, Florida, 33402 (Telephone: (561) 837-5900). Petitions filed by the permit's (construction and Renewal) applicant or any of the parties listed below must be filed within 14 (fourteen) days of receipt of this notice of intent. Petitions filed by any persons other than those entitled to written notice under Section 120.60(3), F.S., must be filed within 14 (fourteen) days of publication of the public notice or within 14 (fourteen) days of receipt of this notice of intent, 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 (fourteen) 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 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 how and when each petitioner received notice of the agency action or proposed action;
- (d) A statement of all disputed issues of material fact. If there are none, the petition must so indicate;
- (e) A concise statement of the ultimate facts alleged, as well as the rules and statutes which entitle the petitioner to relief;
- (f) A statement of the specific rules or statutes the petitioner contends require reversal or modification of the agency's proposed action; and,

- (g) A statement of the relief sought by the petitioner, stating precisely the action 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.

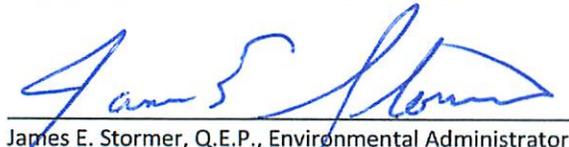
Because the administrative hearing process is designed to formulate final agency action, the filing of a petition means that the permitting authority's final action may be different from the position taken by it in this notice of intent. Persons whose substantial interests will be affected by any such 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 is not available for this proceeding.

Finally, pursuant to 42 United States Code (U.S.C.) Section 7661d(b)(2), any person may petition the Administrator of the U.S. EPA within 60 (sixty) days of the expiration of the Administrator's 45 (forty-five) day review period as established at 42 U.S.C. Section 7661d(b)(1), to object to issuance of any permit. Any petition shall be based only on objections to the permit that were raised with reasonable specificity during the 30 (thirty) day public comment period provided in this notice, unless the petitioner demonstrates to the Administrator of the U.S. EPA that it was impracticable to raise such objections within the comment period or unless the grounds for such objection arose after the comment period. Filing of a petition with the Administrator of the U.S. EPA does not stay the effective date of any permit properly issued pursuant to the provisions of Chapter 62-213, F.A.C. Petitions filed with the Administrator of U.S. EPA must meet the requirements of 42 U.S.C. Section 7661d(b)(2) and must be filed with the Administrator of the U.S. EPA at: U.S. EPA, 401 M Street, S.W., Washington, D.C. 20460.

Executed in West Palm Beach, Florida

For the Division Director
Environmental Public Health
PALM BEACH COUNTY HEALTH DEPARTMENT



James E. Stormer, Q.E.P., Environmental Administrator
Air & Waste Section
Division of Environmental Public Health

CERTIFICATE OF SERVICE

The undersigned duly designated deputy agency clerk hereby certifies that this INTENT TO ISSUE AN AIR CONSTRUCTION PERMIT AND A TITLE V AIR OPERATION PERMIT RENEWAL (including the combined PUBLIC NOTICE, the Technical Evaluation, DRAFT Air Construction Permit and the DRAFT Title V Air Operation Permit Renewal package) and all copies were sent electronically (with Received Receipt) before the close of business on 8/25/2011 to the person(s) listed:

Mr. Joel Arrieta, Director

Field Operations, Operations and Maintenance Resources Email jarrieta@sfwmd.gov

In addition, the undersigned duly designated deputy agency clerk hereby certifies that copies of this INTENT TO ISSUE AN AIR CONSTRUCTION PERMIT AND A TITLE V AIR OPERATION PERMIT RENEWAL (including the DRAFT Air Construction Permit and the DRAFT Title V Air Operation Permit Renewal package) were sent electronically (with Received Receipt) on the same date to the person(s) listed or as otherwise noted:

Jeffrey A. Smith, Lead Environmental Scientist Email jesmith@sfwmd.gov
South Florida Water Management District
3301 Gun Club Road, Dept. 5432
West Palm Beach, Florida 33406

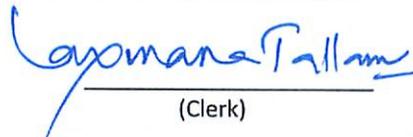
Barry D. Westmark, P.E. Email bwestmark@ectinc.com
Environmental Consulting & Technology, Inc. (ECT)
6300 NE First Avenue, Suite 100
Fort Lauderdale, Florida 33334

Lennon Anderson, P.E. Email Lennon.Anderson@dep.state.fl.us
Southeast District Office – DEP
400 North Congress Avenue, Suite 200
West Palm Beach, Florida 33401

Barbara Friday, FDEP/BAR Email barbara.friday@dep.state.fl.us
(for posting with Region 4, U.S. EPA)

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.



(Clerk)

8/25/2011

(Date)

**PUBLIC NOTICE OF INTENT TO ISSUE AN AIR CONSTRUCTION PERMIT
AND A TITLE V AIR OPERATION PERMIT RENEWAL**

PALM BEACH COUNTY HEALTH DEPARTMENT

South Florida Water Management District, Pump Station G-335

DRAFT Air Construction Permit No.: 0990550-007-AC

DRAFT Title V Air Operation Permit Renewal No. 0990550-008-AV

Palm Beach County

The Palm Beach County (PBC) Health Department (permitting authority) gives notice of its intent to issue a Title V Air Operation Permit Renewal and an Air Construction Permit to South Florida Water Management District Pump Station G-335 located 1,500 feet west and 200 feet north of the southwest corner of section 2, Township 47 South, and Range 39 East in Palm Beach County, Florida. [UTM Coordinates: Zone 17; 552.60 km E; 2921.99 km N Latitude: 26° 22' 44" North/ Longitude: 80° 30' 45" West]. The engines at this station are used to power four flood control pumps. The pump station is part of the Everglades Construction Project authorized by the Everglades Forever Act, Section 373.4592, Florida Statutes.

The applicant, South Florida Water Management District, applied on **03/31/2011** to the permitting authority for a Title V Air Operation Permit Renewal and an Air Construction Permit for its facility located at 1,500 feet west and 200 feet north of the southwest corner of section 2, Township 47 South, and Range 39 East in Palm Beach County, Florida. This is a combined application for an air construction permit and Title V operation permit Renewal for the Pump Station G-335.

This pump station includes two Fairbanks-Morse 1,535-BHP (brake horse power) water pumps, two Fairbanks-Morse 587-BHP water pumps, two Cummins 900-BHP emergency power generators, four 12,848-gallons above ground storage tanks (ASTs), four 300-gallons above ground day tanks for the pump engines and two 105-gallons above ground day tanks (one for each generator) and miscellaneous insignificant activities. The facility is classified as a synthetic-minor source under the Prevention of Significant Deterioration (PSD) program and a natural minor source under the Hazardous Air Pollutant program. Potential emissions of criteria pollutants from the source are limited below the 250 ton per year major source threshold.

The construction project 0990550-007-AC is to install an add-on oxidation catalyst control device on each water pump engine. These control devices are necessary to demonstrate compliance with the regulations of 40 CFR Part 63 Subpart ZZZZ "National Emission Standard for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines (RICE)" that will become effective May 3, 2013. This permit increases the annual fuel consumption limit from 926,000 to 1,100,000 gallons and removes the sulfur fuel sampling requirements, as requested by the applicant.

This is a Combined Air Construction Permit and Title V Operation Permit Renewal for South Florida Water Management District. This Title V Air Operation Permit Renewal also incorporates the conditions of the Construction Permit 0990550-007-AC.

The PBC Health Department will issue the PROPOSED Title V air operation permit, and subsequent FINAL Permit, in accordance with the conditions of the attached DRAFT Permit unless a response received in accordance with the following procedures results in a different decision or significant change of terms and conditions.

The permitting authority will accept written comments concerning the proposed DRAFT Air Construction Permit issuance action for a period of 14 (fourteen) days from the date of publication of this Public Notice. Written comments should be provided to the Palm Beach County Health Department, 800 Clematis St., P.O. Box 29, West Palm Beach, Florida 33402-0029. Any written comments filed shall be made available for public inspection. If written comments received result in a significant change in this DRAFT Air Construction Permit, the permitting authority shall issue a revised DRAFT Air Construction Permit and require, if applicable, another Public Notice.

The Permitting Authority will accept written comments concerning the proposed DRAFT Title V Air Operation Permit Renewal for a period of thirty (30) days from the date of publication of this Public Notice. Written comments must be post-marked and all facsimile comments must be received by the close of business (5:00 pm), on or before the end of this 30-day period, by the Permitting Authority at 800 Clematis St., P.O. Box 29, West Palm Beach, Florida 33402-0029. As part of his or her comments, any person may also request that the Permitting Authority hold a public meeting on this permitting action. If the Permitting Authority determines there is sufficient interest for a public meeting, it will publish notice of the time, date, and location in the Florida Administrative Weekly (<http://faw.dos.state.fl.us/>) and in a newspaper of general circulation in the area affected by the permitting action. For additional information, contact the Permitting Authority at the above address or phone number. If written comments or comments received at a public meeting result in a significant change to the DRAFT Title V Air Operation Renewal, the Permitting Authority shall issue a Revised DRAFT Title V Air Operation Permit Renewal and require, if applicable, another Public Notice. All comments filed will be made available for public inspection.

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, Florida Statutes (F.S.). The petition must contain the information set forth below and must be filed (received) in the Permitting authority's Legal Office, located at 800 Clematis Street in West Palm Beach, Florida, 33402 (Telephone: (561) 837-5900). Petitions filed by any persons other than those entitled to written notice under Section 120.60(3), F.S., must be filed within 14 (fourteen) days of publication of the public notice or within 14 (fourteen) days of receipt of the notice of intent, 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 (fourteen) 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 applicable 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 will be only at the approval of the presiding officer upon the filing of a motion in compliance with Rule 28-106.205, Florida Administrative Code (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; 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 petitioner's substantial rights will be affected by the agency determination;
- (c) A statement of how and when the petitioner received notice of the agency action or proposed action;
- (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, as well as the rules and statutes which entitle petitioner to relief;
- (f) A statement of the specific rules or statutes the petitioner contends require reversal or modification of the agency's proposed action; and,
- (g) A statement of the relief sought by the petitioner, stating precisely the action 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 notice of intent. Persons whose substantial interests will be affected by any such final decision of the permitting authority on the application(s) have the right to petition to become a party to the proceeding, in accordance with the requirements set forth above.

Mediation is not available for this proceeding.

In addition to the above, pursuant to 42 United States Code (U.S.C.) Section 7661d(b)(2), any person may petition the Administrator of the EPA within 60 (sixty) days of the expiration of the Administrator's 45 (forty-five) day review period as established at 42 U.S.C. Section 7661d(b)(1), to object to issuance of any Title V permit. Any petition shall be based only on objections to the Title V permit that were raised with reasonable specificity during the 30 (thirty) day public comment period provided in this notice, unless the petitioner demonstrates to the Administrator of the EPA that it was impracticable to raise such objections within the comment period or unless the grounds for such objection arose after the comment period. Filing of a petition with the Administrator of the EPA does not stay the effective date of any Title V permit properly issued pursuant to the provisions of Chapter 62-213, F.A.C. Petitions filed with the Administrator of EPA must meet the requirements of 42 U.S.C. Section 7661d(b)(2) and must be filed with the Administrator of the EPA at: U.S. EPA, 401 M Street, S.W., Washington, D.C. 20460.

A complete project file is available for public inspection during normal business hours, 8:00 a.m. to 5:00 p.m., Monday through Friday, except legal holidays, at:

Permitting Authority:

Palm Beach County Health Department
800 Clematis St./P.O. Box 29
West Palm Beach, Florida 33402-0029
Telephone: (561) 837-5900
Fax: (561) 837-5295

The complete project file includes the Technical Evaluation and Preliminary Determination and associated DRAFT Air Construction Permit and DRAFT Title V Air Operation Permit Renewal, the application(s), and the information submitted by the responsible official, exclusive of confidential records under Section 403.111, F.S. Interested persons may contact Laxmana Tallam, P.E., at the above address, or call 561-837-5900, for additional information.