

F&A RECEIPT 522943
JUN 23 2011

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RECIPROCATING INTERNAL COMBUSTION ENGINES
AIR GENERAL PERMIT REGISTRATION FORM Bureau of Air Monitoring
& Mobile Sources

Part II. Notification to Permitting Office

(Detach and submit to appropriate permitting office; keep copy onsite)

Instructions: To give notice to the Department of an eligible facility's intent to use this air general permit, the owner or operator of the facility must detach and complete this part of the Air General Permit Registration Form and submit it to the appropriate Department of Environmental Protection or local air pollution control program office which has permitting authority. Please type or print clearly all information, and enclose the appropriate air general permit registration processing fee pursuant to Rule 62-4.050, F.A.C. (\$100 as of the effective date of this form)

0250769-004

Registration Type

Check one:

INITIAL REGISTRATION - Notification of intent to:

- Construct and operate a proposed new facility.
- Operate an existing facility not currently using an air general permit (e.g., a facility proposing to go from an air operation permit to an air general permit).

RE-REGISTRATION (for facilities currently using an air general permit) - Notification of intent to:

- Continue operating the facility after expiration of the current term of air general permit use.
- Continue operating the facility after a change of ownership.
- Make an equipment change requiring re-registration pursuant to Rule 62-210.310(2)(e), F.A.C., or any other change not considered an administrative correction under Rule 62-210.310(2)(d), F.A.C.

Surrender of Existing Air Operation Permit(s) - For Initial Registrations Only

If the facility currently holds one or more air operation permits, such permit(s) must be surrendered by the owner or operator upon the effective date of this air general permit. In such case, check the first box, and indicate the operation permits being surrendered. If no air operation permits are held by the facility, check the second box.

- All existing air operation permits for this facility are hereby surrendered upon the effective date of this air general permit; specifically permit number(s):

- No air operation permits currently exist for this facility.

General Facility Information

Facility Owner/Company Name (Name of corporation, agency, or individual owner who or which owns, leases, operates, controls, or supervises the facility.)

Miami-Dade Water and Sewer Department

Site Name (Name, if any, of the facility site; e.g., Plant A, Metropolis Plant, etc. If more than one facility is owned, a registration form must be completed for each.)

Southwest Wellfield

Facility Location (Provide the physical location of the facility, not necessarily the mailing address.)

Street Address: 12350 SW 80 Street

City: Miami

County: Miami-Dade

Zip Code: 33183-0000

Facility Start-Up Date (Estimated start-up date of proposed new facility.) (N/A for existing facility)

N/A

Owner/Authorized Representative

Name and Position Title (Person who, by signing this form below, certifies that the facility is eligible to use this air general permit.)

Print Name and Title: Rafael A. Terrero, PE, BCEE, MASCE, Assistant Director, Water System Operation

Owner/Authorized Representative Mailing Address:

Organization/Firm: Miami-Dade Water and Sewer Department

Street Address: PO Box 330316

City: Miami

County: Miami-Dade

Zip Code: 33233-0316

Owner/Authorized Representative Telephone Numbers

Telephone: (786) 552-8112

Fax: (786) 552-8639

Cell phone (optional):

Facility Contact (If different from Owner/Authorized Representative)

Name and Position Title (Plant manager or person to be contacted regarding day-to-day operations at the facility.)

Print Name and Title: Richard M. O'Rourke, Regulatory Compliance Section Head

Facility Contact Mailing Address

Organization/Firm: Miami-Dade Water and Sewer Department

Street Address: PO Box 330316

City: Miami

County: Miami-Dade

Zip Code: 33233-0316

Facility Contact Telephone Numbers

Telephone: (786) 552-8123

Fax: (786) 552-8640

Cell phone (optional):

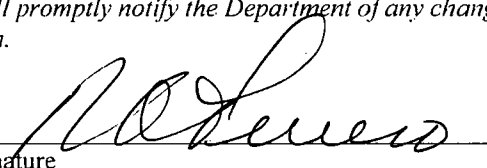
Owner/Authorized Representative Statement

This statement must be signed and dated by the person named above as owner or authorized representative

I, the undersigned, am the owner or authorized representative of the owner or operator of the facility addressed in this Air General Permit Registration Form. I hereby certify, based on information and belief formed after reasonable inquiry, that the facility addressed in this registration form is eligible for use of this air general permit and that the statements made in this registration form are true, accurate and complete. Further, I agree to operate and maintain the facility described in this registration form so as to comply with all applicable standards for control of air pollutant emissions found in the statutes of the State of Florida and rules of the Department of Environmental Protection and revisions thereof.

I will promptly notify the Department of any changes to the information contained in this registration form.

Signature



Date

6/20/11

Fuel Consumption

If this is an **initial registration** for reciprocating internal combustion engine operations, provide an estimate of the total amount of fuel expected to be consumed over a 12-month period. Note: the general permit limits fuel consumption by all reciprocating internal combustion engines at the facility to 20,000 gallons per year of gasoline, 250,000 gallons per year of diesel fuel, 1.15 million gallons per year of propane, 40 million standard cubic feet per year of natural gas, or an equivalent prorated amount if multiple fuels are used

If this is a **re-registration** for reciprocating internal combustion engine operations, provide the highest 12-month total fuel consumption amount, in appropriate units, for the last five years. Indicate the 12-month period over which this fuel consumption occurred.

The highest 12-month total fuel consumption occurred between October 2009 and September 2010 with approximately 2,531,912 standard cubic feet (26,183.2 therms) of natural gas fuel consumed.

Description of Facility

Below, or as an attachment to this form, provide a description of the reciprocating internal combustion engine operations at the facility in sufficient detail to demonstrate the facility's eligibility for use of this air general permit and to provide a basis for tracking any future equipment or process changes at the facility. Describe all air pollutant-emitting processes and equipment at the facility, and identify any air pollution control measures or equipment used.

The Southwest Wellfield has electric motor-driven pumps that convey raw water to the Alexander Orr, Jr. Water Treatment Plants for treatment and distribution to the public potable water supply system.

Four 1,835-hp Waukesha Model L7042-GSI natural gas-fueled engines, each driving a 1,300-kilowatt electrical generator, and six Detroit Model 6V92 diesel-fueled engines are provided to meet the wellfield's standby and emergency power requirements.

Fuel usage is monitored by the natural gas fuel meter readings and invoices from the natural gas service provider that directly fuels the bank of engines and fuel records are kept of metered fuel truck deliveries to individual diesel service tanks.



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522943 JUN 23 2011
Miami-Dade Water and Sewer Department
P.O. Box 330316 • 3071 SW 38th Avenue
Miami, Florida 33233-0316
T 305-665-7471

JUN 24 2011

Bureau of Air Monitoring
& Mobile Sources

miamidade.gov

June 21, 2011

Certified Mail 7003 1680 0004 5550 3258
Returned Receipt Requested
CCN: 55491

FDEP Receipts
PO Box 3070
Tallahassee, FL 32315-3070

Subject: Notification to Permitting Office, Reciprocating Internal Combustion Engines, Renewal of Air General Permit Registration, Water Facilities 0250753, 0250759, and 0250769

Dear Sir or Madam:

Attached are completed and signed part II notification forms along with check number 000470163 in the amount of \$300 for payment of the Air General Permit Registration Fees for the renewal of the following three (3) Water Facilities:

0250753 - Miami-Dade Water and Sewer Department - NW Wellfield
0250759 - Miami-Dade Water and Sewer Department - 67th St Pump Station
0250769 - Miami-Dade Water and Sewer Department - SW Wellfield

Please call me at (786) 552-8123, if there are any questions regarding this submittal.

Sincerely,

Richard M. O'Rourke,
Regulatory Compliance Section

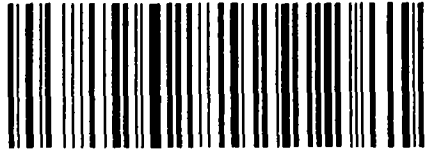
Attachments: Check Number 000470163 for \$300
Part II. Notification to Permitting Office, 0250753 - NW Wellfield
Part II. Notification to Permitting Office, 0250759 - 67th St Pump Station
Part II. Notification to Permitting Office, 0250769 - SW Wellfield

ec: R. Ajhar, FDEP/TLH Rebecca.Ajhar@dep.state.fl.us
S. McKeough, FDEP/TLH Steven.McKeough@dep.state.fl.us

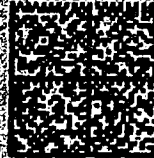
Delivering Excellence Every Day

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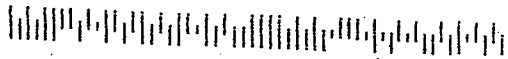


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Water and Sewer
PO Box 330316
Miami Florida 33233-0316

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FDEP Receipts
PO Box 3070
Tallahassee, FL 32315-3070