

RECEIVED

RECIPROCATING INTERNAL COMBUSTION ENGINES
AIR GENERAL PERMIT REGISTRATION FORM

OCT 26 2010

Part II. Notification to Permitting Office

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

Bureau of Air Monitoring
& Mobile Sources

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)

0990651-002

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.

NOT CORRECT

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.)

Palm Beach County Water Utilities 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.)

Water Treatment Plant #8

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

Street Address: 1500 Jog Road(N)

City: West Palm Beach

County: Palm Beach

Zip Code: 33406

17 - 5484

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: N/A

Owner/Authorized Representative Mailing Address

Organization/Firm: Brian Shields, P.E., Deputy Director

Street Address: 8100 Forest Hill Boulevard

City: West Palm Beach

County: palm Beach

Zip Code: 33413 -3336

Owner/Authorized Representative Telephone Numbers

Telephone: 561-493-6000

Fax: 561-493-6085

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: Tim McAleer, Superintendent

Facility Contact Mailing Address

Organization/Firm: PBC Water Treatment Plant #8

Street Address: 1500 Jog Rd N

City: West Palm Beach

County: Palm Beach

Zip Code: 33415 -5484

Facility Contact Telephone Numbers

Telephone: 561-493-6181

Fax: 561-233-1355

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

10/1/10

Date

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.

All generators are run weekly. The average monthly fuel usage is 3,000 gallons per month or 36,000 gallons per year. ← **NOT CORRECT ANSWER!**

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.

3- emergency diesel generators;

- 1-300 KW Cummings
- 1-750KW Catepillar
- 1- 2000KW Catepillar

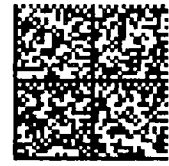
(NEED ENGINE MODEL, S/N & HP)

** SEE ATTACHED E-MAIL DATED 11/08/10 AS AN ADDENDUM TO THIS FORM.*

Palm Beach County
Water Utilities Department
3100 Forest Hill Blvd.
West Palm Beach, FL 33416

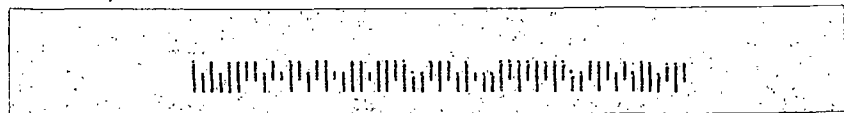


91 7108 2133 3936 8396 5609



UNITED STATES
PITNEY BOWERS
02 1P
0003137264 OCT 20 20
\$ 005.40
MAILED FROM ZIP CODE 334

FDEP Receipts
P.O. Box 3070
Tallahassee, FL 32315-3070



* **ADDENDUM TO # 0990651-002**
PAGE 8, DESCRIPTION OF FACILITY

Dibble, Dickson

From: Karen M. Larson [KMLarson@pbcwater.com]
Sent: Monday, November 08, 2010 8:37 AM
To: Dibble, Dickson
Cc: Ajhar, Rebecca
Subject: RE: Air General Renewals

Thanks for the proof reading! I needed to know. The horse power is the rated horsepower.

Karen Larson, Regulatory Compliance Specialist
PBC Water Utilities, 8100 Forest Hill Blvd.
West Palm Beach, FL 33416
561-493-6025/Fax 493-6029

From: Dibble, Dickson [mailto:Dickson.Dibble@dep.state.fl.us]
Sent: Friday, November 05, 2010 4:51 PM
To: Karen M. Larson
Cc: Ajhar, Rebecca
Subject: FW: Air General Renewals

Karen,

For clarity sake, are these CUMMINS engines, or is there a CUMMINGS engine?

Am just now getting through the stack and I need some further data (ENGINE horsepower and Serial Numbers) for each facility engine as follows:

PLANT #9

- 1-Cummins, Model QSK60-66, Hp?, S/N? Cummins, 2934 HP, Serial # 77248-1
- 2-Caterpillar, Model 3516, Hp?, S/N? 2876 HP, Serial # GZS00332
- 3-Cummins, Model 5517876, Hp?, S/N? Cummins, 1837 HP, Serial # 75527-23

PLANT #8

- 1-Caterpillar, Model 3400, Hp?, S/N? 402 HP, Serial # 4ZRO4157
- 2-Cummins, Model RTA2300G7144, Hp?, S/N? 1005 HP, Serial # 7144
- 3-Caterpillar, Model #3516, Hp?, S/N? 2682 HO, Serial # GZS00334

PLANT #2

- 1-Caterpillar, Model #3508DI, Hp?, S/N? 1081 HP, Serial # 5XA03219
- 2-Caterpillar, Model #C3512, Hp?, S/N? 1013 HP, Serial # 5UA02442

If you would be so kind to e-mail the information to me I will simply attach your e-mail as an addendum to each of the registration forms.

Thank you for your assistance in this matter and have a great weekend!

Sincerely yours,

Dick

Dickson E. Dibble, ES III

FL Dept of Environmental Protection
Div. of Air Resource Management
Bureau of Air Monitoring & Mobile Sources
Air General Permit Program
Tel. (850) 921-9586
FAX (850) 922-6979
ICG-#345

Dickson.Dibble@dep.state.fl.us



Please note: Florida has a very broad public records law. Most written communications to or from state officials regarding state business are public records available to the public and media upon request. Your e-mail communications may therefore be subject to public disclosure

The Department of Environmental Protection values your feedback as a customer. DEP Secretary Mimi Drew is committed to continuously assessing and improving the level and quality of services provided to you. Please take a few minutes to comment on the quality of service you received. Simply click on [this link to the DEP Customer Survey](#). Thank you in advance for completing the survey.

From: Karen M. Larson [<mailto:KMLarson@pbcwater.com>]

Sent: Friday, October 29, 2010 2:14 PM

To: Dibble, Dickson

Subject: Air General Renewals

Thank you for your understanding concerning my mistakes on the previously sent Air General Permit renewals. The attached renewals have been corrected. Please call me if you have any questions.

Karen Larson, Regulatory Compliance Specialist
PBC Water Utilities, 8100 Forest Hill Blvd.
West Palm Beach, FL 33416
561-493-6025/Fax 493-6029

Under Florida law, e-mail addresses are public records. If you do not want your e-mail address released in response to a public records request, do not send electronic mail to this entity. Instead, contact this office by phone or in writing.

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Dibble, Dickson

Subject: Processed AIRS ID# 0990651-002, PALM BEACH COUNTY WATER UTILITIES DEPART
dba WATER TREATMENT PLANT #8, 1500 JOG RD N, WEST PALM BEACH, FL
33417-5484

Location: RECIPROCATING INTERNAL COMBUSTION ENGINES-West Palm Beach

Start: Fri 10/29/2010 12:00 AM
End: Sat 10/30/2010 12:00 AM
Show Time As: Free

Recurrence: (none)

Organizer: Dibble, Dickson

Categories: PENDING

PENDING

10/28/10, 0915 hrs-Called Brian Shields, Deputy Director, (561) 493-6000, for the following information:

- 1) Page 5 – Not a Change in Ownership, needs correction.
- 2) Page 8 – Re-registration box – need the highest 12 month total fuel consumption in the last five (5) years and indicate the twelve month period in which the highest consumption occurred.
- 3) Also needed engine Makes/Models/Serial #'s/Hp and fuel types.
- 4) Also missing a third registration since two copies of the same plant were enclosed Plant #8 & then one for Plant #2. A check for \$300.00 was received.
- 5) He said that he would have the responsible person call me later in the day.

10/28/10, 01530 hrs-Rec'd a call from (Mary Dodd?) and gave her the info I needed and she was going to

Dibble, Dickson

From: Karen M. Larson [KMLarson@pbcwater.com]
Sent: Friday, October 29, 2010 2:14 PM
To: Dibble, Dickson
Subject: Air General Renewals
Attachments: WTP#2 Air General Renewal.pdf; WTP#8 Air General Renewal.pdf; WTP #9 Air General Renewal.pdf

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Karen Larson, Regulatory Compliance Specialist
PBC Water Utilities, 8100 Forest Hill Blvd.
West Palm Beach, FL 33416
561-493-6025/Fax 493-6029

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Bureau of Air Monitoring
& Mobile Sources

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AIR GENERAL PERMIT REGISTRATION FORM & Mobile Sources

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

Palm Beach County Water Utilities 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.)

Water Treatment Plant #8

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

Street Address: 1500 Jog Road

City: West Palm Beach

County: Palm Beach

Zip Code: 33416-0000

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: Brian Shields, P.E., Deputy Director

Owner/Authorized Representative Mailing Address

Organization/Firm: Palm Beach County Water Utilities
Street Address: 8100 Forest Hill Blvd. PO Box 16097
City: West Palm Beach County: Palm Beach Zip Code: 33416-6097

Owner/Authorized Representative Telephone Numbers

Telephone: (561) 493-6000 Fax: (561) 493-6029
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: Tim Mcleer, Superintendent

Facility Contact Mailing Address

Organization/Firm: PBC WUD, WTP# 8
Street Address: 1500 Jog Road
City: West Palm Beach County: Palm Beach Zip Code: 33406-0000

Facility Contact Telephone Numbers

Telephone: (561) 493-6181 Fax: (561) 233-1355
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

10/29/11
Date

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.

Plant records indicate that the highest 12-month fuel usage average was during 2009 where 7,313 gallons of diesel fuel was used for the year. These generators are run for approximately 1- hour per day, once a week.

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.

There are 3- diesel powered emergency generators at this water plant:

#1-300 KW Caterpillar Model # 3400

#2-750 KW Cummings Model # RTA 2300G7144

#3-2000 KW Caterpillar Model # 3516