

RECEIVED

RECIPROCATING INTERNAL COMBUSTION ENGINES
AIR GENERAL PERMIT REGISTRATION FORM

DEC 09 2009

Part II. Notification to Permitting Office
(Detach and submit to appropriate permitting office; keep copy onsite) 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)

0571409-001

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.

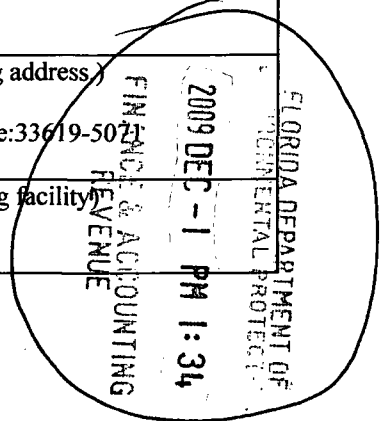
General Facility Information

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

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.)
Grow Financial Federal Credit Union

Facility Location (Provide the physical location of the facility, not necessarily the mailing address.)
Street Address: 9927 Delaney Lake Drive
City: Tampa County: Hillsborough Zip Code: 33619-502

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: Dan Moser, Assistant Vice President, Property Administration

Owner/Authorized Representative Mailing Address

Organization/Firm: Grow Financial Federal Credit Union

Street Address: 9927 Delaney Lake Drive

City: Tampa

County: Hillsborough

Zip Code: 33619-5071

Owner/Authorized Representative Telephone Numbers

Telephone: 813-837-2451 ext. 2008

Fax: 813-832-2289

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: *Mauricio Guillen, Building Systems Engineer*

Facility Contact Mailing Address

Organization/Firm:

(same as above)

Street Address:

City:

County:

Zip Code:

Facility Contact Telephone Numbers

Telephone: *813-837-2451 X 2130*

Fax: *813-832-2289*

Cell phone (optional): *813-760-3066*

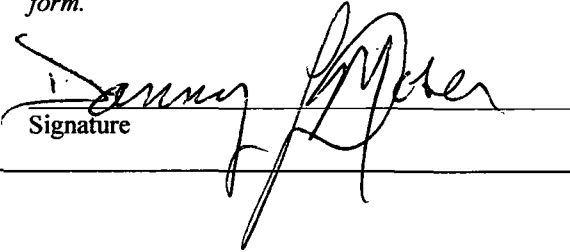
Owner/Authorized Representative Statement

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

11/27/09

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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

75,382 gallons of diesel maximum estimate (see below for details); actual will be much less if emergency operations are not required

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.

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 facility operates two diesel fired reciprocating internal combustion engines as provided in the attached Table. Also provided are the estimated fuel consumption rates and the oxides of nitrogen ("NOx") emission rates. The engines were manufactured in 2004, so they do not need to comply with 40 CFR 60 Subpart IIII, the New Source Performance Standards for Compression Ignition Internal Combustion Engines.

The engines are currently operating as emergency generators as per Chapter 62-210.200(116) which limits operation to no more than 500 hours per year "only when the primary power source for that facility has been rendered inoperable by an emergency situation." In addition Chapter 62-210.300(3)(a)20.b exempts the engines from a permit if one or more generators at the facility consume no more than 32,000 gallons per year of diesel fuel. For this facility, the 32,000 gallon limit is more restrictive.

The facility wishes to enroll the engines in a utility-sponsored Demand Response ("DR") Program. The DR Program is currently designed to operate for no more than 88 hours per year with a daily limit of 1 hour if the DR Program is called and a daily maximum of no more than 8 hours. It is expected that the DR Program will be called about 40 to 50 hours per year. Using the 88 hour limit, the estimated additional fuel use is 11,282 gallons or a total of 75,382 gallons per year for 588 hours of operation. Since the DR Program will be called before the primary power source is rendered inoperable, the facility is applying to operate the engines under the General Permit.

The total worst-case NOx emissions from the engines at the facility are estimated to be 16.2 tpy assuming 588 hours of operation of each engine. This is well below the 100 tpy facility limit specified in Rule 62-210.310(2), F.A.C., (2)(a)1. The facility will also not emit 10 tpy or more of any hazardous air pollutant or 25 tpy or more of any combination of hazardous air pollutants. Finally, using the 250,000 gallons fuel limit in the General Permit, the restricted potential to emit for NOx is approximately 54 tpy; less than the 100 tpy potential limit.

The facility will closely monitor any future equipment or process changes at the facility. Any changes to the facility will be assessed to determine if the emergency engines can still operate under the General Permit. The facility will also monitor its hourly usage.

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Grow Financial Federal Credit Union Engine Summary

Engine	Manufacture Date	Output (kW)	Fuel Use (gph) ¹	NO _x (lbs/hr) ²	Estimate Worst-Case NO _x (tpy) ³
Kohler 900REOZDB		900	64.1	27.5	8.1
Kohler 900REOZDB		900	64.1	27.5	8.1

¹ From Manufacturer Specifications Sheet.

² Heat Input Estimated as 135,000 Btu/gal*64.1 gal/hr = 8.6 mmBtu/hr.

NOx estimated using EPA AP-42: 8.6 mmBtu/hr * 3.2 lb/mmBtu = 27.5 lb/hr NOx

³ Assumes 588 hours for each engine.

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BLUE SKY ENVIRONMENTAL LLC

November 30, 2009

Mr. Dickson Dibble
Florida DEP
3800 Commonwealth Blvd.
MS-77
Tallahassee, FL 32315-3070

**Subject: RICE Air General Permit Registration;
Grow Financial Federal Credit Union**

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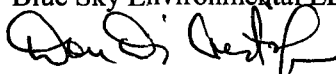
Dear Mr. Dibble:

Attached please find an Air General Permit Registration for two reciprocating internal combustion engines ("RICE") located at the Grow Financial Federal Credit Union facility at 9927 Delaney Lake Drive in Tampa and a check for \$100. The engines are currently operating as emergency generators as per Chapter 62-210.200(116) which limits operation to no more than 500 hours per year "only when the primary power source for that facility has been rendered inoperable by an emergency situation" and Chapter 62-210.300(3)(a)20.b that exempts the engine from a permit if one or more generators at the facility consume no more than 32,000 gallons per year of diesel fuel. The facility wishes to enroll the new engines in a utility-sponsored Demand Response ("DR") Program. Since the DR Program will be called before the primary power source is rendered inoperable, the facility is applying to operate the engines under this General Permit. The engines are not subject to 40 CFR 60 Subpart III since they were manufactured in 2004.

As per Rule 62-210.310(2)(c), unless the DEP denies use of the General Permit, the facility may use the Air General Permit 30 days after giving notice to the DEP with the proper registration form and fee. I estimate the date to be **December 31, 2009**.

If you have any questions or require additional information, please do not hesitate to contact me at 617-834-8408. Aaron Jenkins of EnerNOC will arrange the site visit, if necessary, and the posting of the notification sign with Hillsborough County. Aaron can be reached at 863-559-9501.

Sincerely,
Blue Sky Environmental LLC



Don C. DiCristofaro, CCM
President

Attachments

Cc: A. Jenkins