

RECIPROCATING INTERNAL COMBUSTION ENGINES
AIR GENERAL PERMIT REGISTRATION FORM

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MAR 17 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)

0571411-001

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.)
Verizon Florida Inc.

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.)
Lutz CO

Facility Location (Provide the physical location of the facility, not necessarily the mailing address.)
Street Address: 19124 2nd Street NE
City: Lutz County: Hillsborough Zip Code: 33549 - 7200

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: Zachary Feingold, Environmental Manager

Owner/Authorized Representative Mailing Address

Organization/Firm: Verizon Florida Inc.

Street Address: P.O. Box 725

City: Chino, CA

County: San Bernardino

Zip Code: 91708

Owner/Authorized Representative Telephone Numbers

Telephone: 909-620-5498

Fax: 909-629-1080

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: Grady Kelly; Supervisor

Facility Contact Mailing Address

Organization/Firm: Verizon Florida Inc.

Street Address: PO Box 110; Mailcode: FLTP1807

City: Tampa

County: FL

Zip Code: 33601

Facility Contact Telephone Numbers

Telephone: 813-404-9389

Fax: 813-962-1974


Cell phone (optional):

Owner/Authorized Representative Statement

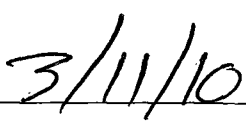
This statement must be signed and dated by the person named above as owner or authorized representative

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

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

8,232 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 one diesel fired reciprocating internal combustion engines as provided in the attached Table. There are no other fuel burning sources at the facility. Also provided are the fuel consumption rates and the oxides of nitrogen ("NOx") emission rates at standby. The fuel consumption rate is based on 0.08 gals/kW-hr (generally accepted industry factor) times 175 kW. Using EPA's AP-42 (Fifth Edition, October, 1996) NOx emission factor of 4.41 lb/mmBtu/hr (based on 135,000 Btu/gal-generally accepted industry factor) the maximum hourly NOx is estimated to be 8.3 lb/hr. The engine was manufactured in 1988 so it does not need to comply with 40 CFR 60 Subpart IIII, the New Source Performance Standards for Compression Ignition Internal Combustion Engines.

The engine is currently operating as an emergency generator 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 engine 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 500-hour limit is more restrictive.

The facility wishes to enroll the engine 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 1,232 gallons for the engine or a total of 8,232 gallons per year for 588 hours of operation, assuming 500 hours of emergency operation. Since the DR Program will be called before the primary power source is rendered inoperable, the facility is applying to operate the engine under the General Permit.

The total worst-case NOx emissions from the entire facility are estimated to be 2.4 tpy assuming 588 hours of operation of the 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.

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.

Verizon – Lutz CO

Engine Make/Model	Output (kW)	Fuel Use (gph)	NO _x (lbs/hr)	Estimate Worst-Case NO _x (tpy)
Cummins 175CA	175	14.0 ¹	8.3 ²	2.4 ³

¹ Obtained 0.08 gals/kW * 175 kW

² Obtained using EPA-AP 42 Emission Factor

³ Assumes 588 hours

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Bureau of Air Monitoring
& Mobile Sources

BLUE SKY ENVIRONMENTAL LLC

March 12, 2010

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

**Subject: RICE Air General Permit Registrations;
 Verizon Florida Inc. – 6 Facilities**

Dear Mr. Dibble:

Attached please find Air General Permit Registrations for six Verizon Florida Inc. facilities located at the following sites and a check for \$600.

Site Name	Location
Lutz CO	19124 2 nd Street; Lutz
Oldsmar CO	13030 Old Memorial Highway; Tampa
Keystone CO	16829 Gunn Highway; Odessa
Ruskin CO	3 2 nd Avenue SE; Ruskin
Wimauma CO	16451 US Highway 301 South; Wimauma
Thonotosassa CO	10702 Main St.; Thonotosassa

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.

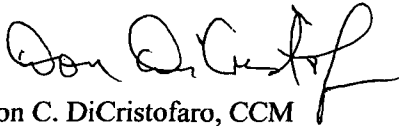
As per Rule 62-210.310(2)(c), unless the DEP denies use of the General Permit, the facility may use the Air General Permit 30 days after giving notice to the DEP with the proper registration form and fee. I estimate the date to be **April 13, 2010**

Mr. Dick Dibble
FL DEP
March 12, 2010

Page 2

If you have any questions or require additional information, please do not hesitate to contact me at

Sincerely,
Blue Sky Environmental LLC

A handwritten signature in black ink, appearing to read "Don DiCristofaro". The signature is fluid and cursive, with a prominent loop at the end.

Don C. DiCristofaro, CCM
President
Attachments

Cc: Z. Feingold
A. Jenkins

UPS CampusShip: View/Print Label

1. **Print the label(s):** Select the Print button on the print dialog box that appears. Note: If your browser does not support this function select Print from the File menu to print the label.
2. **Fold the printed label at the solid line below.** Place the label in a UPS Shipping Pouch. If you do not have a pouch, affix the folded label using clear plastic shipping tape over the entire label.

3. GETTING YOUR SHIPMENT TO UPS


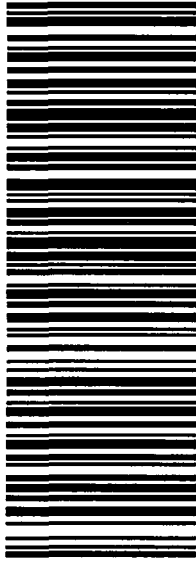

Customers without a Daily Pickup

- o Schedule a same day or future day Pickup to have a UPS driver pickup all your CampusShip packages.
- o Hand the package to any UPS driver in your area.
- o Take your package to any location of The UPS Store®, UPS Drop Box, UPS Customer Center, UPS Alliances (Office Depot® or Staples®) or Authorized Shipping Outlet near you. Items sent via UPS Return ServicesSM (including via Ground) are also accepted at Drop Boxes.
- o To find the location nearest you, please visit the Resources area of CampusShip and select UPS Locations.

Customers with a Daily Pickup

- o Your driver will pickup your shipment(s) as usual.

FOLD HERE

<p style="text-align: right;">0.0 LBS ITR</p> <p style="text-align: right;">1 OF 1</p> <p>SHIP TO: KARI HILL ENERNOC 75 FEDERAL ST BOSTON MA 02110</p> <p>MR. DICKSON DIBBLE FLORIDA DEP MS-77 3800 COMMONWEALTH BLVD TALLAHASSEE FL 32303-3123</p>	<p style="font-size: 2em;">FL 323 0-01</p> 	<p style="font-size: 2em;">UPS NEXT DAY AIR SAVER 1P</p> <p>TRACKING #: 1Z 665 FIW 13 9251 9919</p>		<p>BILLING: P/P</p>
				<p style="font-size: 0.8em;">CS 12.0.23. WXP1E60 99.0A 01/2010 TM</p>