

FEA RECEIPT # 511626  
DATE: SEP 17 2010

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SEP 08 2010

Bureau of Air Monitoring  
& Mobile Sources

ANIMAL CREMATORY  
AIR GENERAL PERMIT REGISTRATION FORM

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)

0250320-004

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.)

ZOO MIAMI (formerly Miami Metrozoo) - Miami-Dade county

**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.)

ZOO MIAMI, QUARANTINE COMPLEX INCINERATOR

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

Street Address: Zoo Miami, 12400 SW 152 Street

City: Miami

County: Miami-Dade

Zip Code: 33177-1499

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

**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: Eric Stephens, zoo director

Owner/Authorized Representative Mailing Address

Organization/Firm: Zoo Miami

Street Address: 12400 SW 152 Street

City: Miami

County: Miami-Dade

Zip Code:

Owner/Authorized Representative Telephone Numbers

Telephone: (305) 251-0400

Fax: (305) 378-6381

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: Christine L. Miller, DVM - veterinarian

Facility Contact Mailing Address

Organization/Firm: Zoo Miami

Street Address: 12400 SW 152 Street

City: Miami

County: Miami-Dade

Zip Code: 33177-1499

Facility Contact Telephone Numbers

Telephone: (305) 253-5050

Fax: (305) 254-1483

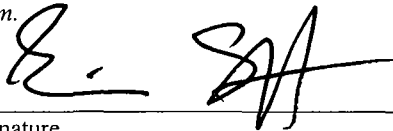
Cell phone (optional):

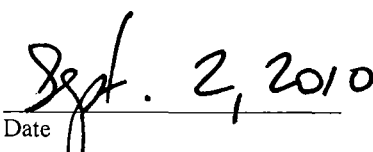
**Owner/Authorized Representative Statement**

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

**Design Calculations**

If this is an initial registration for a proposed new animal crematory unit, provide design calculations to confirm a sufficient volume in the secondary chamber combustion zone to provide for at least a 1.0 second gas residence time at 1800 degrees F.

- Manufacturer's' design calculations attached.
- Registration is not for proposed new animal crematory unit(s).

**Description of Facility**

Below, or as an attachment to this form, provide a description of all crematory 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 animal crematory at Zoo Miami is a modified Plibrico Model 204 pathological incinerator which uses liquid propane (LPG) and an LPG-fired afterburner. The secondary chamber operates at 1600-1800 F for emissions control and the primary chamber is not fired until this temperature is reached. The primary chamber operates at 1400 F.

We burn relatively small quantities annually, on an as-needed basis only, so there are no regular schedules or hours of operation. An example of usage: for the period of January 2009 through December 2009, an estimated total of 3600 lbs of animal remains were incinerated over a total of 72.75 hours of operation.

**URGENT!**

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Bureau of Air Monitoring  
& Mobile Sources

# IMPORTANT

## NOTIFICATION OF EXPIRING AIR GENERAL PERMIT REGISTRATION

If you wish to continue your Air General Permit (AGP) entitlement to operate, please submit a new, completed registration form with the correct processing fee to the following address:

**FDEP  
RECEIPTS  
POST OFFICE BOX 3070  
TALLAHASSEE, FL 32315-3070**

- I am a new OWNER or AUTHORIZED REPRESENTATIVE for this facility.
- My business has moved to a new location.

Note: If you have checked any of the above boxes, please include this form with your new AGP registration form and processing fee.



## SURRENDERING YOUR AIR GENERAL PERMIT REGISTRATION

- By checking this box, I wish to surrender my AGP entitlement to operate and I am notifying the Department of the pending action by signing and dating this form below and returning it to the following address:

**Air General Permit Program  
Bureau of Air Monitoring and Mobile Sources, MS 5510  
Department of Environmental Protection  
2600 Blair Stone Road  
Tallahassee, FL 32399-2400**

My ARMS ID number is: \_\_\_\_\_ - \_\_\_\_\_ - AG \_\_\_\_\_  
(9999999-999-AG) (PRINT YOUR NAME HERE)

Date: \_\_\_\_/\_\_\_\_/\_\_\_\_\_  
(mm/dd/yyyy) (SIGN YOUR NAME HERE)

C. Miller - Zoo Miami

~~MIAMI METRO ZOO~~

12400 S.W. 152 Street  
(One Zoo Boulevard)  
Miami, Florida 33177-1499  
122.01-96 6/01



CERTIFIED MAIL



02 1P  
0003995373 SEP 03 2010  
MAILED FROM ZIP CODE 33177

\$ 005.54<sup>0</sup>

FDEP Receipts  
PO Box 3070  
Tallahassee, FL  
32315-3070

323153070

