



# Florida Department of Environmental Protection

Northwest District  
160 Governmental Center, Suite 308  
Pensacola, Florida 32502-5794

Charlie Crist  
Governor

Jeff Kottkamp  
Lt. Governor

Michael W. Sole  
Secretary

November 24, 2009

BY ELECTRONIC MAIL  
deethompson@embarqmail.com

Ms. Dee Thompson  
Animal Services Director  
Panhandle Animal Welfare Society, Inc.  
752 Lovejoy Road  
Fort Walton Beach, Florida 32548

Dear Ms. Thompson:

On November 4, 2009, a Department representative with the Air Resource Management Program inspected your facility, ID 0910050. A copy of the inspection report is enclosed. The inspection and a review of Department records indicate the facility was in compliance at the time of the inspection for those items specifically noted in the inspection report.

This letter applies only to activities covered by the Air Resource Management Program. If you have any questions, please contact Carol Melton at 850/595-8300, extension 1228 or [carol.melton@dep.state.fl.us](mailto:carol.melton@dep.state.fl.us).

Sincerely,

A handwritten signature in cursive script that reads 'Erica Mitchell'.

Erica Mitchell  
Air Compliance Supervisor

EM/cm/c

Enclosure



# ANIMAL CREMATORY



## COMPLIANCE INSPECTION CHECKLIST

**INSPECTION TYPE:** ANNUAL (INS1, INS2)  COMPLAINT/DISCOVERY (CI)   
 RE-INSPECTION (FUI)  ARMS COMPLAINT NO: \_\_\_\_\_

**AIRS ID#:** 0910050 **DATE:** 11/4/09 **ARRIVE:** 10:16 **DEPART:** 10:46

**FACILITY NAME:** PANHANDLE ANIMAL WELFARE-FT WALTON BEACH

**FACILITY LOCATION:** 752 LOVEJOY RD  
 FORT WALTON BEACH 32548

**OWNER/AUTHORIZED REPRESENTATIVE:** DEE THOMPSON **PHONE:** (850)243-1525

**CONTACT NAME:** Trischia Bryant and Brian Uy **PHONE:** (850)243-1525

**ENTITLEMENT PERIOD:** 1/10/2008 / 1/10/2013  
 (effective date) (end date)

**PART I: INSPECTION COMPLIANCE STATUS** (check  only one box)

IN COMPLIANCE  MINOR Non-COMPLIANCE  SIGNIFICANT Non-COMPLIANCE

**PART II: TESTING/RECORDKEEPING REQUIREMENTS – Rule 62-296.401, F.A.C.**

(check  appropriate box(es))

1. Were there any objectionable odor(s) detected?-----  Yes  No
2. Was a visible emissions test conducted during this site visit according to EPA Method 9 (Ref.: Chapter 62-297, F.A.C.)?-----  Yes  No
3. In order to demonstrate individual source compliance, was an annual visible emissions test conducted 60 days prior to the AGP Notification form submission, and within 60 days prior to each anniversary date? (Rule 62-296.401(6)(j), F.A.C.)-----  Yes  No
4. In order to demonstrate individual source compliance were the remaining applicable standards testing completed within 60 days prior to the AGP Notification form submission? (Rule 62-210.300(4), F.A.C.)  Yes  No
  - a) Carbon Monoxide (CO) emissions equal to or below the requirements of 100 parts per million by volume, dry basis, corrected to 7% O<sub>2</sub> on an hourly average basis and tested according to EPA Method 10 (Ref.: Chapter 62-297, F.A.C.)?-----  Yes  No
  - b) Oxygen test performed according to EPA Method 3 (Ref.: Chapter 62-297, F.A.C.)?-----  Yes  No
  - c) Particulate matter emissions test with results equal to or below the requirements of 0.080 grains per dry standard cubic foot (ft<sup>3</sup>) of flue gas, corrected to 7% O<sub>2</sub> and tested according to EPA Method 5 (Ref.: Chapter 62-297, F.A.C.)?-----  Yes  No
5. Was all emissions testing conducted with the source operating at the manufacturers recommended capacity?-----  Yes  No
6. Was CO & PM compliance demonstrated by submission of a test report for an identical crematory unit?  Yes  No
7. Was the Department notified at least 15 days prior to the date of the last formal compliance test?-----  Yes  No
8. Was the required test report filed with the Department as soon as practical, but no longer than 45 days after the test was completed?-----  Yes  No

**PART III: OPERATING/RECORDKEEPING REQUIREMENTS – Rule 62-296.401, F.A.C.**

(check  appropriate box(es))

1. Is there **Continuous Emissions Monitoring System (CEMS)** equipment installed on each unit to record temperatures in the primary and secondary chambers where there is a 1.0 second gas residence time in the secondary chamber combustion zone in accordance with the manufacturer's instructions?-----  Yes  No
  - a) Do temperature probes seem to be properly placed?-----  Yes  No
  - b) Are the following records kept on file, available for inspection for at least two years following the recording of such measurements, maintenance, reports and records?
    - 1) All measurements (including CEMS)-----  Yes  No
    - 2) Monitoring device-----  Yes  No
    - 3) Performance Testing Measurements -----  Yes  No
    - 4) CEMS Performance Evaluation-----  Yes  No
    - 5) All CEMS or monitoring device calibration checks-----  Yes  No
    - 6) Adjustments-----  Yes  No
    - 7) Preventive maintenance performed on systems/devices-----  Yes  No
    - 8) Corrective maintenance performed on systems/devices-----  Yes  No
2. Was this crematory unit constructed: **(check only one  box)**
  - a)  **BEFORE** August 30, 1989? **(If this box checked, continue on to #3 and skip #4)**
  - b)  **ON** or **AFTER** August 30, 1989? **(If this box checked, skip #3 and continue on to #4)**
3. If constructed **BEFORE** August 30, 1989 is the:
  - a) secondary chamber combustion zone providing at least a 1.0 second gas residence time @ **1600°F**?  Yes  No
  - b) actual operating temperature of the secondary chamber combustion zone no less than **1400°F** throughout the combustion process in the primary chamber?-----  Yes  No
  - c) cremation in the primary chamber begun after the secondary chamber combustion zone temperature is equal to or greater than **1400°F**?-----  Yes  No
  - d) required monitoring equipment installed and operational, and providing continuous monitoring to record the temperature at the point or beyond where 1.0 second gas residence time is obtained in the secondary chamber combustion zone according to the manufacturer's instructions?-----  Yes  No
4. If constructed **ON** or **AFTER** August 30, 1989 is the:
  - a) volume in the secondary combustion zone sufficient to provide at least a 1.0 second gas residence time @ **1800° F**?-----  Yes  No
  - b) the actual operating temperature of the secondary chamber combustion zone no less than **1600°F** throughout the combustion process in the primary chamber?-----  Yes  No
  - c) secondary chamber combustion zone temperature equal to or greater than **1600°F** before the cremation process begins in the primary chamber?-----  Yes  No
5. Are appropriate leak-proof containers containing no more than 0.5 % (percent) by weight chlorinated plastics used during the cremation of dead animals?-----  Yes  No
  - a) If the answer to question 4 above is YES, is certifying documentation from the manufacturer that they are composed of 0.5% or less by weight chlorinated plastics kept on file at the site for the duration of their use and for at least two years after their use?-----  Yes  No
  - b) If plastic bags are used for the cremation of animals are they non-chlorinated and no less than 3 mils thick?-----  Yes  No
  - c) Are dead animals, which have been used for medical or commercial experimentation, or other materials, including biomedical wastes (Rule 62-210.200, F.A.C.), incinerated at this location?-----  Yes  No
6. During this review period, was the largest batch load cremated 500 pounds per hour or less?-----  Yes  No
7. Have all crematory operators been trained and certified by a Department-approved training program?---  Yes  No
  - a) Are copies of the training certificates all crematory operators kept on file at the facility for the duration of the operator's employment & for an additional two years after termination of employment?-----  Yes  No

**PART IV: SPECIAL CONDITIONS AND PROCEDURES – Rule 62-296.401, F.A.C.**

**A. New or Modified Process Equipment**

1. Since the last inspection has there been
  - a) installation of any new process equipment?----- Yes No
  - b) alterations to existing process equipment without replacement?----- Yes No
  - c) replacement of existing equipment substantially different than that noted on the most recent notification form?----- Yes No
  - d) If you answered **YES** to any of the above, did the owner submit a new and complete notification form and appropriate fee (Rule 62-4.050, F.A.C.) to the appropriate DEP or local program office?----- Yes No
2. If a crematory unit has been modified to the extent that a Department air construction permit was required, have all operators been retrained to operate the modified unit?----- Yes No
3. In the case of new or modified equipment, where a Department air construction permit was required, has the owner submitted copies of all operator training certificates?----- Yes No
  - a) submitted within the 15 day required window following the training?----- Yes No

Carol Melton

11/4/09

\_\_\_\_\_  
Inspector's Name (Please Print)

\_\_\_\_\_  
Date of Inspection

/s/

\_\_\_\_\_  
Inspector's Signature

\_\_\_\_\_  
Approximate Date of Next Inspection

**COMMENTS:**

The crematory unit was installed and started in March 2008.

The unit was last tested on September 22, 2009 and results indicated compliance.

They indicated that since installation of the new unit they have had to contact the manufacturer for repairs to the following components: circular temperature chart and pen; ceiling, and sensors. I suggested they place all their records concerning maintenance and/or repairs in a folder or log book. The list of records required to be kept on record for two years were reviewed. The requirement to maintain a secondary chamber temperature of 1600 degrees Fahrenheit was also discussed and the operator appeared well aware of the requirement.

One of the circular charts reviewed had not been properly installed on the recording device and did not advance during the cremation. Notes explaining this were written on the chart. I explained the requirement for maintaining a continuous recording of temperature, and suggested the operator check the chart several times during the cremations to ensure proper working condition. The operator asked if the digital temperature readout could be used. I explained that the rule requires a continuous recording, and digital readouts are not continuous. The operator indicated he understood and would ask each operator to check that the charts are properly advancing during the cremations.