



ANIMAL CREMATORY

COMPLIANCE INSPECTION CHECKLIST



INSPECTION TYPE: ANNUAL (INS1, INS2) ☒ COMPLAINT/DISCOVERY (CI) ☐
RE-INSPECTION (FUI) ☐ ARMS COMPLAINT NO:

AIRS ID#: 0810045 **DATE:** 12/16/2009 **ARRIVE:** 9:17am **DEPART:** 2:23pm
FACILITY NAME: MANATEE COUNTY ANIMAL SERVICES
FACILITY LOCATION: 305 25th Street West
PALMETTO 34221-2753
OWNER/AUTHORIZED REPRESENTATIVE: KRIS WEISKOPF **PHONE:** (941)742-5933
CONTACT NAME: Cheryl Thompson **PHONE:** (941)742-5933
ENTITLEMENT PERIOD: 2/8/2007 / 2/8/2012
(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% O₂ 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 (ft³) of flue gas, corrected to 7% O₂ 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

Wendy D. Simmons

12/16/2009

Inspector's Name (Please Print)

Date of Inspection

before 12/01/2012

Inspector's Signature

Approximate Date of Next Inspection

COMMENTS: Pre-inspection review: Annual Visible Emissions testing is scheduled for this day at 9:00am. This facility has an open/unresolved enforcement case for temperature issues, inadequate recordkeeping, and lack of reporting non-compliance issues to the Department. Facility's temperature chart records and maintenance records from 01/01/2009 will be reviewed. Inspection Findings: On 4-3-09, unit was heated and at 9:30 the unit was loaded w/ 1600 lbs. No chart had been installed. Chart record was installed at 9:45am. On 7-1-09 power outage caused temp-drop chart states facility contacted Mr. Joe Panetta of Dept. to report incident. On 7-9-2009 the unit had a thermocouple failure during the cremation process... burn down had not begun, B & L changed the secondary Thermocouple. Facility reheated unit and began cremation. Cheryl is now in charge of operations of the cremation unit. She took on this responsibility in May of 2009. Manufacturers specs. were onsite and were made available upon request. Annual Visible Emissions (VE) testing was conducted on this unit during this inspection. Maintenance records/logs were not available and Mr. Thompson was not aware that routine maintenance records should be kept. I explained requirements and suggested that Mrs. Thompson create a maintenance log for the facility. Photos were taken during this inspection and are attached to this inspection report. Upon my return to the office, I reviewed photos taken during this site inspection and noted bags being used for some cremations. I contacted Mrs. Thompson who in turn provided a copy of the MSDS sheets for bags (see attached) via fax on 01/14/2010. This facility already has an enforcement referral for potential issues from a previous inspection. Similar potential violations were found at this inspection and discussed with Mrs. Thompson, but a second Field Warning Notice for these similar issues was not created. A Field Warning Notice was issued for missing maintenance logs and service records. On December 29, 2009 Mrs. Thompson provided copies of the General Maintenance and Service logs that were created for the facility. The fax is attached to this inspection report. I went over the facility's GP Entitlement requirements with Mrs. Thompson and answered numerous questions about the rules and requirements of the facility's entitlement. Mrs. Thompson answered checklist questions.