



Department of Environmental Protection

FILE COPY

Lawton Chiles
Governor

Northwest District
160 Governmental Center
Pensacola, Florida 32501-5794

Virginia B. Wetherell
Secretary

PERMITTEE:

Panhandle Animal Welfare Society

MAY 02 1996 ENTERED
AIRS I.D. Number: 0910050
Air Permit Number: 0910050001AO
Emission Unit: 001
Date of Issue: May 1, 1996
Expiration Date: May 1, 2001
County: Okaloosa
Project: Animal Crematorium

This permit is issued under the provisions of Section 403.087, Florida Statutes, and Florida Administrative Code Rules 62-296, 62-297 and 62-4. The above named applicant, hereinafter called Permittee, is hereby authorized to perform the work or operate the facility shown on the application and approved drawing(s), plans, and other documents attached hereto or on file with the Department and made a part hereof and specifically described as follows:

Operation of an animal crematorium, manufactured by B & L Systems, Inc., model BLP 1250/200, fueled by natural gas. Smoke and odor emissions are controlled by two-stage burning with 1600°F minimum secondary chamber temperature.

Located at 752 Lovejoy Road, Fort Walton Beach, 1 1/2 miles west of the Mary Ester Cutoff, Okaloosa County.

0910050001AO

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"Protect, Conserve and Manage Florida's Environment and Natural Resources"

Printed on recycled paper.

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SPECIFIC CONDITIONS:

General

1. The attached General Conditions are part of this permit. [FAC Rule 62-4.160]

Operation

2. The maximum allowable operating rate is 200 pounds burned per hour. This is the operating rate at which compliance with standards shall be demonstrated. [FAC Rule 62-4.070]

3.. This incinerator shall not be loaded in excess of its capacity of 1250 pounds per load with a minimum burn time of 6 1/2 hours. [FAC Rule 62-4.070 and construction application]

4. The Animal Crematorium may operate up to 2080 hours per year. [FAC Rule 62-4.070 and construction application]

5. Leak proof containers are limited to 0.5% by weight chlorinated plastics. If the containers or bags are incinerated, the permittee must keep documentation from the manufacturer certifying that the containers are less than 0.5% by weight chlorinated plastic, and/or the bags are nonchlorinated and no less than 3 mils thick. Records must be kept on-file at the site for a minimum of two years. [FAC Rule 62-296.401(4)(a)2.]

Not clear: ① Containers must be 0.5% or less chlorinated ② Bags must be nonchlorinated + 3 mils thick. Records kept in back case.

6. This incinerator shall only be used for the incineration of dead animals. Dead animals used for biomedical or commercial experimentation and any biohazardous waste shall not be incinerated. [FAC Rule 62-296.401(4)(a)3.]

7. Primary burners shall not be ignited until the secondary burner combustion chamber has attained its minimum temperature of 1600°F. The afterburner and continuous monitoring of the secondary chamber temperature (above minimum) shall remain operational prior to incineration and until all wastes are incinerated. The charge door shall remain closed until all wastes are incinerated. [FAC Rule 62-296.401(4)(e)]

8. All biological waste incinerator operators shall be trained by a Department approved training program. The permittee shall maintain satisfactorily completed training certificates for each operator for the duration of each operators employment and for an additional two years after termination of employment. The incinerator shall only be operated by satisfactorily trained operators. [FAC Rule 62-296.401(4)(e)9.]

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9. The permittee shall operate and maintain in accordance with the manufacturers instructions continuous monitoring equipment to record the secondary combustion chamber temperature. The records shall include operator name, operator indication of when incineration in the primary chamber begins, date, time and temperature markings and be kept on file for Department inspection for a minimum of two years. [FAC Rule 62-296.401(4)(i)]

Emissions

10. No visible emissions (VE) are allowed under normal operation except for up to three minutes in any one hour at not more than 20 % opacity. [FAC Rule 62-296.401(1)(a)]

11. Particulate emissions (PM) shall not exceed 0.080 grains per dry standard cubic foot of flue gas, corrected to 7% oxygen. [FAC Rule 62-296.401(4)(a)1.]

12. Carbon monoxide (CO) emissions shall not exceed 100 parts per million by volume, dry basis, corrected to 7% oxygen. [FAC Rule 62-296.401(4)(e)5.]

13. No objectionable odors shall be allowed off plant property. If the Department determines the facility is emitting objectionable odors, the Permittee shall submit an odor remediation plan within 45 days of receipt of written notification from the Department. The plan shall include, but not be limited to, dispersion modeling analysis, strategies to reduce odorous chemicals utilization, and modifications of manufacturing production cycles, manufacturing methods and/or plant exhaust systems. [FAC Rule 62-296.320(2)]

Testing

14. Emissions testing for the following pollutants, frequencies and test methods are required to show continuing compliance with the standards of the Department:

| <u>Pollutant</u> | <u>Frequency</u> | <u>FAC Rule</u> | <u>Test Method</u> |
|------------------|----------------------------|-----------------|--------------------|
| VE | annual | 62-297.400 | EPA Method 9 |
| PM | 2000 before December 31 | 62-297.400 | EPA Method 5 |
| CO | 2000 before December 31 | 62-297.400 | EPA Method 10 |

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Compliance with the CO and PM test and emission requirements may be demonstrated by submission of a test report from an identical incinerator tested in Florida within five years of the testing deadline and approved by the Department. All of the test results must provide reasonable assurance that the source is capable of compliance at the permitted maximum operating rate. Results shall be submitted to the Department within 45 days after testing. The Department shall be notified at least 15 days prior to testing to allow witnessing. [FAC Rule 62-296.401(4)(f), (g), (h)]

Administrative

15. At least sixty days prior to the expiration date of this permit, the permittee shall submit to the Department an air permit application in quadruplicate, DEP Form No. 62-210.900(2), along with any applicable fees as established in FAC Rule 62-4.050(4). [FAC Rule 62-4.090(1)]

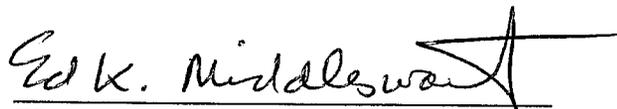
16. The permanent source identification number for this point source is 0910050001. Please cite this number on all test reports and other correspondence specific to this permitted point source. [FAC Rule 62-297.310(8)]

17. The Department telephone number for reporting problems, malfunctions or exceedances under this permit is (904) 444-8300, day or night, and for emergencies involving a significant threat to human health or the environment is (904) 488-1320. For routine business, telephone (904) 444-8364 during normal working hours. [FAC Rule 62-210.700]

Expiration Date:

Issued this 1st day of May, 1996.

STATE OF FLORIDA DEPARTMENT
OF ENVIRONMENTAL PROTECTION



ED K. MIDDLESWART, P.E.
Air Program Administrator

GENERAL CONDITIONS:

1. The terms, conditions, requirements, limitations, and restrictions set forth in this permit are "permit conditions", and are binding and enforceable pursuant to Sections 403.141, 403.727, or 403.859 through 403.861, Florida Statutes. The permittee is placed on notice that the Department will review this permit periodically and may initiate enforcement action for any violation of these conditions.
2. This permit is valid only for the specific processes and operations applied for and indicated in the approved drawings or exhibits. Any unauthorized deviation from the approved drawings, exhibits, specifications, or conditions of this permit may constitute grounds for revocation and enforcement action by the Department.
3. As provided in Subsections 403.087(6) and 403.722(5), Florida Statutes, the issuance of this permit does not convey any vested rights or any exclusive privileges. Nor does it authorize any injury to public or private property or any invasion of personal rights, nor any infringement of federal, state or local laws or regulations. This permit does not constitute a waiver of or approval of any other Department permit that may be required for other aspects of the total project which are not addressed in the permit.
4. This permit conveys no title to land or water, does not constitute state recognition or acknowledgment of title, and does not constitute authority for the use of submerged lands unless herein provided and the necessary title or leasehold interests have been obtained from the state. Only the Trustees of the Internal Improvement Trust Fund may express state opinion as to title.
5. This permit does not relieve the permittee from liability for harm or injury to human health or welfare, animal, or plant life, or property caused by the construction or operation of this permitted source, or from penalties therefore; nor does it allow the permittee to cause pollution in contravention of Florida Statutes and Department rules, unless specifically authorized by an order from the Department.
6. The permittee shall properly operate and maintain the facility and systems of treatment and control (and related appurtenances) that are installed and used by the permittee to achieve compliance with the conditions of this permit, are required by Department rules. This provision includes the operation of backup or auxiliary facilities or similar systems when necessary to achieve compliance with the conditions of the permit and when required by Department rules.
7. The permittee, by accepting this permit, specifically agrees to allow authorized Department personnel, upon presentation of credentials or other documents as may be required by law, access to the premises, at reasonable times, where the permitted activity is located or conducted for the purpose of:
 - a. Having access to and copying any records that must be kept under the conditions of this permit;
 - b. Inspecting the facility, equipment, practices, or operations regulated or required under this permit; and,

GENERAL CONDITIONS:

c. Sampling or monitoring any substances or parameters at any location reasonably necessary to assure compliance with this permit or Department rules.

Reasonable time may depend on the nature of the concern being investigated.

8. If, for any reason, the permittee does not comply with or will be unable to comply with any condition or limitation specified in this permit, the permittee shall immediately provide the Department with the following information:

- a. A description of and cause of noncompliance; and
- b. The period of noncompliance, including exact dates and times; or, if not corrected, the anticipated time the noncompliance is expected to continue, and steps being taken to reduce, eliminate, and prevent recurrence of the noncompliance. The permittee shall be responsible for any and all damages which may result and may be subject to enforcement action by the Department for penalties or for revocation of this permit.

9. In accepting this permit, the permittee understands and agrees that all records, notes, monitoring data and other information relating to the construction or operation of this permitted source which are submitted to the Department may be used by the Department as evidence in any enforcement case involving the permitted source arising under the Florida Statutes or Department rules, except where such use is proscribed by Sections 403.73 and 403.111, Florida Statutes. Such evidence shall only be used to the extent it is consistent with Florida Rules of Civil Procedure and appropriate evidentiary rules.

10. The permittee agrees to comply with changes in Department rules and Florida Statutes after a reasonable time for compliance, provided however, the permittee does not waive any other rights granted by Florida Statutes or Department rules.

11. This permit is transferable only upon Department approval in accordance with Florida Administrative Code Rules 62-4.120 and 62-730.300, as applicable. The permittee shall be liable for any noncompliance of the permitted activity until the transfer is approved by the Department.

12. This permit is required to be kept at the work site of the permitted activity during the entire period of construction or operation.

13. The permittee shall comply with the following:

- a. Upon request, the permittee shall furnish all records and plans required under Department rules. During enforcement actions, the retention period for all records will be extended automatically unless otherwise stipulated by the Department.

GENERAL CONDITIONS:

b. The permittee shall hold at the facility or other location designated by this permit records of all monitoring information (including all calibration and maintenance records and all original strip chart recordings for continuous monitoring instrumentation) required by the permit, copies of all reports required by this permit, and records of all data used to complete the application for this permit. These materials shall be retained at least three years from the date of the sample, measurement, report or application unless otherwise specified by Department rule.

c. Records of monitoring information shall include:

- the date, exact place, and time of sampling or measurement;
- the person responsible for performing the sampling or measurement;
- the date(s) analyses were performed;
- the person responsible for performing the analyses;
- the analytical techniques or methods used; and
- the results of such analyses.

14. When requested by the Department, the permittee shall within a reasonable time furnish any information required by law which is needed to determine compliance with the permit. If the permittee becomes aware the relevant facts were not submitted or were incorrect in the permit application or in any report to the Department, such facts or information shall be corrected promptly.