



Florida Department of Environmental Protection

Central District
3319 Maguire Boulevard, Suite 232
Orlando, Florida 32803-3767

Charlie Crist
Governor

Jeff Kottkamp
Lt. Governor

Michael W. Sole
Secretary

NOTICE OF PERMIT

Electronic Correspondence

greenpr1@earthlink.net

Greenbrier of Central Florida
3703 West Kelly Road
Apopka, FL 32712

Attention: Barry Grimm, President

Orange County - AP
6th Animal Cremator
DEP File Number: 0950149-009-AC

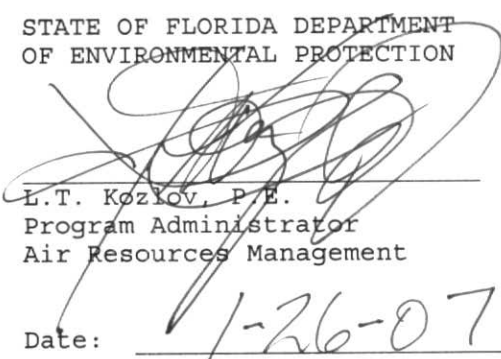
Dear Mr. Grimm:

Enclosed is Permit Number 0950149-009-AC to construct the above referenced facility issued pursuant to Section(s) 403.087, Florida Statutes (F.S.)

Any party to this order (permit) has the right to seek judicial review of the permit pursuant to Section 120.68 F.S., by the filing of a Notice of Appeal pursuant to Rule 9.110 of the Florida Rules of Appellate Procedure with the Clerk of the permitting authority in the Legal Office; and by filing a copy of the Notice of Appeal accompanied by the applicable filing fees with the appropriate District Court of Appeal. The Notice of Appeal must be filed within 30 (thirty) days from the date this Notice is filed with the Clerk of the permitting authority.

Executed in Orlando, Florida.

STATE OF FLORIDA DEPARTMENT
OF ENVIRONMENTAL PROTECTION


L.T. Kozlov, P.E.
Program Administrator
Air Resources Management

Date: 1-26-07

Filed, on this date, pursuant to Section
120.52, F.S., with the designated Department
Clerk, receipt of which is hereby acknowledged.

Huber
Clerk

1/26/07
Date

Q3
LTK/jar

Cc: Hamp Pridgen, Air Section Manager, OCEPD, (Hamp.Pridgen@ocfl.net)
Dale E. Walter, P.E., Matthews Cremation Division, (dandywalter@yahoo.com)
Marco Salgado, (msalgado@matw.com)

CERTIFICATE OF SERVICE

This is to certify that this NOTICE OF PERMIT ISSUANCE and all copies were
mailed before the close of business on *1/26/07* to the listed
persons, by *Huber*.



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Central District
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Permittee:
Greenbrier of Central Florida, Inc.
3703 West Kelly Park Road
Apopka, FL 32712

Attention: Barry Grimm, President

Facility Number: 0950149
Permit Number: 0950149-009-AC
Expiration Date: February 28, 2008
County: Orange
Latitude/Longitude:
28° 45' 24"N/81° 34' 15"W
Project: 6th Animal Cremator

This permit is issued under the provisions of Chapter(s) 403, Florida Statutes, and Florida Administrative Code Rule(s) 62-210. The above named 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:

The permittee may construct a 6th animal crematory unit, an IEE Power Pak II. The cremator is equipped with an afterburner in the secondary chamber to control emissions.

The facility is located at 3703 West Kelly Park Road in Apopka, Orange County, Florida.

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 (F.S.) 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), F.S., the issuance of this permit does not convey any vested rights or any exclusive privileges. Neither 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 is not 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 this 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, as required by Department rules. This provision includes the operation of backup and 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 and at reasonable times, access to the premises where the permitted activity is located or conducted to:
 - (a) Have access to and copy any records that must be kept under conditions of this permit;
 - (b) Inspect the facility, equipment, practices, or operations regulated or required under this permit; and
 - (c) Sample or monitor 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 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.

GENERAL CONDITIONS:

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 prescribed by Section 403.111 and 403.73, F.S. Such evidence shall only be used to the extent it is consistent with the 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 Rule 62-4.120 and Rule 62-730.300, Florida Administrative Code (F.A.C.), as applicable. The permittee shall be liable for any non-compliance of the permitted activity until the transfer is approved by the Department.
12. This permit or a copy thereof shall be kept at the work site of the permitted activity.
13. This permit also constitutes:
 - () Determination of Best Available Control Technology (BACT)
 - () Determination of Prevention of Significant Deterioration (PSD)
 - () Certification of compliance with State Water Quality Standards (Section 401, PL 92-500)
 - () Compliance with New Source Performance Standards
14. 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.
 - (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 information) 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:
 1. The date, exact place, and time of sampling or measurements;
 2. The person responsible for performing the sampling or measurements;
 3. The dates analyses were performed;
 4. The person responsible for performing the analyses;
 5. The analytical techniques or methods used;
 6. The results of such analyses.
15. 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.

SPECIFIC CONDITIONS:

SPECIFIC EMISSION LIMITING AND PERFORMANCE STANDARDS

1. The cremator is permitted to operate continuously. The operation rate shall not exceed 150 pounds per hour.
[Rule 62-210.200, (Potential Emissions or Potential to Emit, PTE), F.A.C.]
2. The only fuel(s) authorized to be burned are natural gas or propane.
[Rule 62-210.200, (Potential Emissions or Potential to Emit, PTE), F.A.C.]
3. No visible emissions (5 percent opacity) except that visible emissions not exceeding 20 percent opacity are allowed for up to three minutes in any one hour period.
[Rule 62-296.401(1) (a), F.A.C.]
4. No person shall cause, suffer, allow or permit the discharge of air pollutants which cause or contribute to an objectionable odor. An objectionable odor is any odor present in the outdoor atmosphere which by itself or in combination with other odors, is or may be harmful or injurious to human health or welfare, which unreasonably interferes with the comfortable use and enjoyment of life or property, or which creates a nuisance.
[Rules 62-296.320(2) and 62-296.401(1) (b), F.A.C.]
5. Particulate matter emissions shall not exceed 0.080 grains per dry standard cubic foot of flue gas, corrected to 7 percent O₂.
[Rule 62-296.401(6) (a), F.A.C.]
6. Carbon Monoxide (CO) emissions shall not exceed 100 parts per million by volume, dry basis, corrected to 7 percent O₂ on an hourly average basis.
[Rule 62-296.401(6) (b), F.A.C.]
7. Crematory units for which a complete application for a permit to construct a new unit was received by the Department on or after August 30, 1989, shall provide design calculations to confirm a sufficient volume in the secondary chamber to provide for at least 1.0 second gas residence time at 1800 degrees Fahrenheit. The actual operating temperature of the secondary chamber combustion zone shall be no less than 1600 degrees Fahrenheit throughout the combustion process in the primary chamber. Primary chamber and stack shall not be used in calculating this residence time. Cremation in the primary chamber shall not begin unless the secondary chamber combustion zone temperature is equal to or greater than 1600 degrees Fahrenheit.
[Rule 62-296.401(6) (c), F.A.C.]

8. Animal crematories shall cremate only dead animals and, if applicable, the bedding and the remains associated with animals placed in leak-proof containers. Containers may contain up to 0.5 percent by weight chlorinated plastics. Plastic bags used for the incineration of animals shall be non-chlorinated and no less than 3 mils thick.
[Rule 62-296.401(6)(e), F.A.C.]
9. Animal crematories shall not cremate dead animals which were used for biomedical or commercial experimentation. No other material, including biomedical waste as defined in Rule 62-210.200, F.A.C., shall be incinerated.
[Rule 62-296.401(6)(f), F.A.C.]
10. All crematory operators shall be trained by the equipment manufacturer's representatives or another qualified organization. Only operators trained by a Department-approved training program shall be allowed to operate an animal crematory.
[Rule 62-296.401(6)(g), F.A.C.]
11. A copy of the training certificate for each operator having satisfactorily completed the Department-approved training program must be submitted to the air compliance section of the Orange County Environmental Protection Division within 15 days of training. The owner of any new or modified crematory unit shall submit copies of the operator training certificates within 15 days after completion of the initial compliance test pursuant to the unit's air construction permit.
[Rule 62-296.401(6)(g)2., F.A.C.]
12. An operator's certificate must be kept on file at the facility for the duration of the operator's employment and for an additional two years after termination of employment.
[Rule 62-296.401(6)(g)3., F.A.C.]
13. No person shall circumvent any air pollution control device, or allow the emission of air pollutants without the applicable air pollution control device operating properly.
[Rule 62-210.650, F.A.C.]

EMISSIONS MONITORING AND APPLICABLE TEST PROCEDURES

14. The owner or operator shall notify the air compliance section of the Orange County Environmental Protection Division, at least 15 days prior to the date on which each formal compliance test is to begin, of the date, time, and place of each such test, and the test contact person who will be responsible for coordinating and having such test conducted for the owner or operator.
[Rule 62-297.310(7)(a)9., F.A.C.]
15. The maximum operation (cremation) rates for the IEE Power-Pak II, and the IEE Super Power-Pak cremator shall not exceed 150 pounds per hour. Testing of emissions shall be conducted with the emissions units operating at permitted capacity. Permitted capacity is defined as 90 to 100 percent of the maximum operation rate allowed by the permit. If it is impractical to test at permitted capacity, an emissions unit may be tested at less than the minimum permitted capacity; in this case, subsequent emissions unit operation is limited to 110 percent of the test rate until a new test is conducted. Once the unit is so limited, operation at higher capacities is allowed for no more than 15 consecutive days for the purpose of additional compliance testing to regain the authority to operate at the permitted capacity.
[Rule 62-297.310(2), F.A.C.]
16. Temperature sensors and recorders shall be calibrated and adjusted to indicate the true value of the temperature being measured with sufficient accuracy to allow the temperature to be determined within 10 percent of its true value.
[Rule 62-297.310(5)(b), F.A.C.]
17. The permittee shall have a formal compliance test for visible emissions annually for each animal crematory unit at the facility.
[Rule 62-296.401(6)(j)1., F.A.C.]
18. The test method for visible emissions shall DEP Method 9, as incorporated in Chapter 62-297, F.A.C.
[Rule 62-296.401(6)(h)1., F.A.C.]
19. The required minimum period of observation for an opacity compliance test for the animal crematory units shall be thirty (30) minutes. The opacity test observation period shall begin when incineration begins in the primary chamber.
[Rule 62-297.310(4)(a)(2), F.A.C.]

20. Within 180 days after being placed in operation, the animal cremator shall be tested for particulate emissions and carbon monoxide, **or comply with specific condition number 24 of this permit.**
[Rule 62-296.401(6)(j)2., F.A.C.]
21. The test method for particulate emissions shall be EPA Method 5, incorporated and adopted by reference in Chapter 62-297, F.A.C.
[Rule 62-296.401(6)(h)4., F.A.C.]
22. The test method for carbon monoxide shall be EPA Method 10, incorporated and adopted by reference in Chapter 62-297, F.A.C.
[Rule 62-296.401(6)(h)2., F.A.C.]
23. The test method for oxygen shall be EPA Method 3, incorporated and adopted by reference in Chapter 62-297, F.A.C.
[Rule 62-296.401(6)(h)3., F.A.C.]
24. Animal crematories may demonstrate compliance with the carbon monoxide and particulate emissions standards by submission of a test report for an identical (same make, model, and capacity) crematory air permit and tested pursuant to that permit. The test data in the test report must be less than five years old and may or may not be obtained from the unit that is being permitted.
[Rule 62-296.401(6)(k), F.A.C.]
25. If the emission unit is to be stack tested the stack test ports and facilities shall be operated in accordance with Rule 62-297.310(6), F.A.C.

ADDITIONAL MONITORING

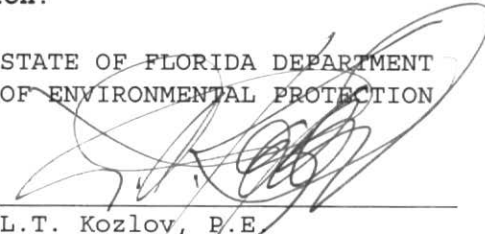
26. Continuous Emissions Monitor (CEM) Requirements. Each animal crematory shall install, operate, and maintain continuous monitors to record temperature at the point or beyond where 1.0 second gas residence time is obtained in the secondary chamber combustion zone in accordance with the manufacturer's instructions. A complete file of all measurements, including continuous monitoring system, monitoring device, and performance testing measurements; all continuous monitoring system performance evaluations; all continuous monitoring system or monitoring device calibration checks; and adjustments, preventive maintenance, and corrective maintenance performed on these systems or devices, shall be recorded in a permanent legible form available for inspection. Continuous temperature monitoring documentation shall include operator name, operator indication of when cremation in the primary chamber begins, date, time, and temperature markings. The file shall be retained for at least two years following the recording of such measurements, maintenance, reports and records.
[Rule 62-296.401(6)(1), F.A.C.]
27. If containers are incinerated, the documentation from the manufacturers certifying that they are composed of 0.5 percent or less by weight chlorinated plastics must be kept on-file at the site for the duration of their use and for at least two years after their use. This documentation must also be submitted with any application for an initial or renewal air operation permit or air general permit notification form.
[Rule 62-296.401(6)(e), F.A.C.]
28. The required test report shall be filed with the air compliance section of the Orange County Environmental Protection Division as soon as practical but no later than 45 days after the last sampling run of each test is completed. [Rule 62-297.310(8)(b), F.A.C.]
29. The test report shall provide sufficient detail on the emissions unit tested and the test procedures used to allow the Orange County Environmental Protection Division to determine if the test was properly conducted and the test results properly computed.
[Rule 62-297.310(8)(c), F.A.C.]
30. In case of excess emissions resulting from malfunctions, the permittee shall notify the air compliance section of the Orange County Environmental Protection Division in accordance with Rule 62-4.130, F.A.C. A full written report on the malfunctions shall be submitted in a quarterly report, if requested by this office.
[Rule 62-210.700(6), F.A.C.]

PERMIT APPLICATION

31. The construction shall reasonably conform to the plans and schedule submitted in the application. If the permittee is unable to complete construction on schedule, he must notify the department in writing at least 90 days prior to the expiration of the construction permit and submit an application for an extension of the construction permit.

An operating permit or general permit is required for operation of this source. To obtain a permit, the permittee must demonstrate compliance with the conditions of the construction permit and submit the application fee, along with the compliance test results and Application for Air Permit to the Department's Central Florida District Office [Rule 62-4.220, F.A.C.]. The application shall be submitted no later than **180 days after being placed in operation.**

STATE OF FLORIDA DEPARTMENT
OF ENVIRONMENTAL PROTECTION


L.T. Kozlov, P.E.
Program Administrator
Air Resources Management

Issued: 1-26-07