



Florida Department of Environmental Protection

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

Charlie Crist
Governor

Jeff Kottkamp
Lt. Governor

Michael W. Sole
Secretary

NOTICE OF PERMIT

E-CORRESPONDENCE

karl.hodges@orhs.org

Orlando Regional Healthcare Systems
65 Sturtevant Street, Suite B
Mail Point 71
Orlando, Florida 32806

Attention: Karl Hodges, Vice President Business Development

Orange County - AP
3 steam boilers and 8 emergency generators, initial FESOP

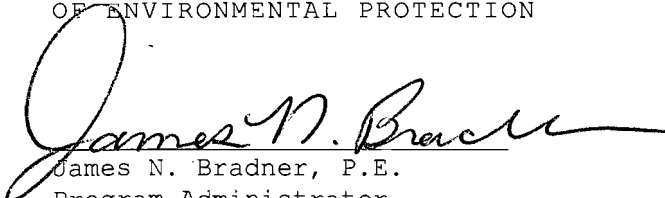
Dear Mr. Hodges:

Enclosed is Permit Number 0950067-001-AF to operate the above referenced source issued pursuant to Section(s) 403.087, Florida Statutes.

Any party to the Order has the right to seek judicial review of the Order pursuant to Section 120.68, Florida Statutes, by the filing of a Notice of Appeal pursuant to Rule 9.110, Florida Rules of Appellate Procedure, with the Clerk of the Department in the Office of General Counsel, 3900 Commonwealth Boulevard, Mail Station 35, Tallahassee, Florida 32399-3000; 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 days from the date the Final Order is filed with the Clerk of the Department.

Executed in Orlando, Florida.

STATE OF FLORIDA DEPARTMENT
OF ENVIRONMENTAL PROTECTION


James N. Bradner, P.E.
Program Administrator
Air Resources Management

Date:

7/16/2007

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

JB JR

J. H. Pridgen
Clerk

7/16/07
Date

JNB/jar

cc: Hamp Pridgen, Air Section Manager, OCEPD, (Hamp.Pridgen@ocfl.net)
Lori Palin, Env. Compliance Manager, OHRS, (loriann.palin@orhs.org)
Thomas W. Davis, P.E., EC&T, Inc., (tdavis@ectinc.com)

CERTIFICATE OF SERVICE

This is to certify that this NOTICE OF PERMIT ISSUANCE and all copies were sent electronically before the close of business on

7/16/07 to the listed persons, by J. H. Pridgen



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Permittee:
Orlando Regional Healthcare Systems
65 Sturtevant Street, Suite B,
Mail Point 71
Orlando, Florida 32806

Attn.: Karl Hodges,
Vice President Business Development

Facility Number: 0950067
Permit Number: 0950067-001-AF
Expiration Date: June 30, 2012
County: Orange
Latitude/Longitude:
28° 31' 33"N/81° 22' 56"W
Project: 3 steam boilers and 8 emergency
generators (initial FESOP)

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:

This is the initial FESOP (Federally Enforceable State Operating Permit) for the facility, which is the Orlando Regional Healthcare Systems, Downtown Campus.

The permittee may operate fuel-burning equipment (including three natural gas-fired steam boilers and eight internal combustion diesel driven emergency generators). Additionally, the permittee may operate the following insignificant sources: 2 diesel driven emergency fire water pumps; numerous small (i.e., less than 150,000 British thermal unit [Btu] each) natural gas-fired kitchen dryers, stoves, ovens, steamers, and grills with a total heat input capacity of 2.0 million British thermal units per hour [MMBtu/hr]); various diesel fuel storage tanks; one ethylene oxide sterilizer; and miscellaneous laboratory equipment.

This facility, Orlando Regional Healthcare Systems, Downtown Campus, is located at 1414 Kuhl Avenue, Orlando, 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.

Operating Conditions

1. Capacity. The total annual fuel consumption for the permitted package steam boilers at the facility is limited to 733.2 million standard cubic feet of natural gas or 3.540 million gallons of fuel oil containing no more than 0.05 percent sulfur, or an equivalent prorated amount if multiple fuels are used. [Rules 62-210.200, (Potential Emissions or Potential to Emit, PTE), F.A.C., and 62-4.070(3), F.A.C., and application received on March 30, 2007]
2. Hours of Operation. The package steam boilers are limited to less than 6000 operational hours of utilizing low sulfur no. 2 fuel oil per consecutive twelve-month period. The steam boilers may operate continuously when utilizing natural gas as a fuel. Emergency generators are limited to 250 non-emergency operation hours per consecutive 12-month period. Emergency generators operational hours are not limited during emergency operation. Other emission sources are permitted to operate continuously. [Rules 62-210.200, (Potential Emissions or Potential to Emit, PTE), F.A.C., and 62-4.070(3), F.A.C., and application received on March 30, 2007]

Emission Limitations and Standards

3. The maximum **facility** nitrogen oxides (NO_x), Carbon monoxide (CO), sulfur dioxide (SO₂), and volatile organic compound (VOCs) emission rates are each limited to less than 88.7 tons, 38.9 tons, 13.4 tons, and 3.2 tons per consecutive twelve-month period. Additionally, total hazardous air pollutant (HAP) emissions are limited to less than 25.0 tons per consecutive 12 months, and each HAP emission is limited to less than 10.0 tons per consecutive 12 months. [Rule 62-210.200, (Potential Emissions or Potential to Emit, PTE), F.A.C., and the permit application received on March 30, 2007]
4. Visible emissions from the facility are limited to less than 20% opacity [Rule 62-296.320(4)(b)1., F.A.C.].

Compliance

5. Each of the three largest natural-gas-fired package steam boilers at the facility must be tested for visible emissions in accordance with DEP Method 9 at least 90 days prior to permit expiration date. The required minimum period of observation for a compliance test shall be sixty (60) minutes for boilers which emit or have the potential to emit 100 tons per year or more of particulate matter, and thirty (30) minutes for boilers which have potential emissions less than 100 tons per year of particulate matter. The opacity test observation period shall include the period during which the highest opacity emissions can reasonably be expected to occur. [Rules 62-296.320(4)(b)4.a. and 62-297.310(4)(a)2., F.A.C.]
6. 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.]

7. The owner or operator shall submit a copy of the compliance test results to 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.]
8. The owner or operator shall complete DEP Form No. 62-210.900(5), F.A.C. "Annual Operating Report for Air Pollutant Emitting Facility", including the Emissions Report, for each calendar year and submit to the air compliance section of the Orange County Environmental Protection Division on or before March 1 of the following year.
[Rule 62-210.370(3)(a), F.A.C.]
9. For the purpose of submitting well-organized Annual Operating Reports, there shall be two (2) emission sources for the facility as designated:

Emission Unit 1 - Three steam boilers
Emission Unit 2 - Eight diesel-fired emergency generators
[Rule 62-4.070(3), F.A.C.]
10. In order to demonstrate compliance with condition numbers 1 and 3, the permittee shall maintain a log at the facility for a period of at least 5 years from the date the data is recorded. The log at a minimum shall contain the following:

Monthly

- a) designation of month and year of operation for which records are being tabulated
 - b) consecutive 12-month total of NO_x emissions
 - c) consecutive 12-month total of CO emissions
 - d) consecutive 12-month total of SO₂ emissions
 - e) consecutive 12-month total of VOC emissions
 - f) steam boilers natural gas consumption (consecutive 12-month total)
 - g) steam boilers diesel fuel consumption (consecutive 12-month total)
 - h) emergency generators diesel fuel consumption (consecutive 12-month total)
 - i) emergency generators operational hours (consecutive 12-month total); make a notation whether the operational hours are emergency or non-emergency
 - j) consecutive 12-month total of total HAPs emissions and each HAP emission
- [Rule 62-4.070(3), F.A.C.]

Record keeping is not required for insignificant sources at the facility including the following: 2 diesel driven emergency fire water pumps; numerous small (i.e., less than 150,000 British thermal unit [Btu] each) natural gas-fired kitchen dryers, stoves, ovens, steamers, and grills with a total heat input capacity of 2.0 million British thermal units per hour [MMBtu/hr]); various diesel fuel storage tanks; one ethylene oxide sterilizer; and miscellaneous laboratory equipment.

Permittee: Orlando Regional Healthcare Systems
Downtown Campus

Permit Number: 0950067-001-AF
Expiration Date: June 30, 2012

Note: A consecutive 12-month total is equal to the total for the month in question plus the totals for the eleven months previous to the month in question. A consecutive 12-month total treats each month of the year as the end of a 12-month period. A 12-month total is not a year-to-date total. Facilities that have not been operating for 12 months should retain 12-month totals using whatever number of months of data are available until such a time as a consecutive 12-month total can be maintained each month.

Supporting documentation (chemical usage tracking logs, MSDS sheets, purchase orders, EPA "As Supplied" data sheets, etc.) shall be kept for each chemical and associated products which includes sufficient information to determine usage rates and emissions. These records shall be made available to the Department upon request. Documentation of each chemical reclaimed will use a mass balance method to determine usage/emissions (amount used minus amount collected for disposal or recycle). The log and documents shall be kept at the facility for at least 5 years and made available to the Department. Monthly logs shall be completed by the end of the following month.

[Rule 62-4.070(3), F.A.C.]

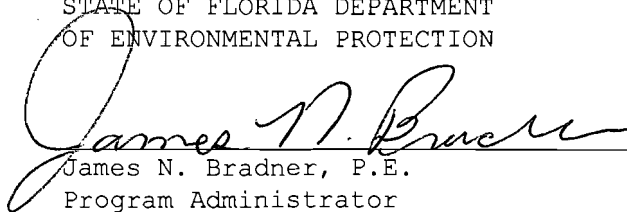
Permit Application

11. At least sixty days prior to the expiration date of this permit, the permittee shall submit to the **Orange County Environmental Protection Division** this office four air permit applications, DEP Form No. 62-210.900(1), along with the processing fee established in Rule 62-4.050(4), F.A.C.
[Rule 62-4.090, F.A.C.]

12. If a new or larger steam boiler or emergency generator is to be installed, then the permittee shall submit to the **Orange County Environmental Protection Division** four air construction permit applications, DEP Form No. 62-210.900(1)- Form (effective 02/02/06), or DEP Form No. 62-210.900(3) - Form (effective 2/11/99), along with the processing fee established in Rule 62-4.050(4), F.A.C., and obtain a permit, prior to installation of the new or larger unit.

[Rule 62-4.070(3), F.A.C.]

STATE OF FLORIDA DEPARTMENT
OF ENVIRONMENTAL PROTECTION



James N. Bradner, P.E.
Program Administrator
Air Resources Management

Issued: 7/16/2007