

STATE OF RHODE ISLAND AND PROVIDENCE PLANTATIONS  
DEPARTMENT OF ENVIRONMENTAL MANAGEMENT  
DIVISION OF AIR RESOURCES

IN RE:

Rhode Island Hospital  
593 Eddy Street  
Providence, RI 02903

In Reference to A.H. File No. 95-14-AP

CONSENT AGREEMENT

This Consent Agreement is entered by and between the Department of Environmental Management, Division of Air Resources (hereinafter "the Division") and Rhode Island Hospital, 593 Eddy Street, Providence, RI 02903, pursuant to the Rhode Island Clean Air Act, Chapter 23-23 of the General Laws of Rhode Island, as amended, the Air Pollution Control Regulations adopted in accordance therewith, and the Department of Environmental Management Act, R.I.G.L. 42-17.1-2 et seq., and constitutes an "enforceable document" as that term is defined in Section 27.1.9 of Air Pollution Control Regulation No. 27, which became effective 1 February 1994.

Rhode Island Hospital is regulated under Air Pollution Control Regulation No. 27, entitled "Control of Nitrogen Oxides Emissions". In order to assure that Rhode Island Hospital complies and continues to comply with the provisions of Air Pollution Control Regulation No. 27, the Division and Rhode Island Hospital hereby agree as follows:

1. That the Division has jurisdiction over the subject matter of this Consent Agreement and over the parties consenting to this Consent Agreement.
2. That Rhode Island Hospital is subject to the provisions of Title 23, Chapter 23 of

the Rhode Island General Laws, as amended, and the Air Pollution Control Regulations adopted in accordance therewith.

3. That the provisions of this Consent Agreement shall apply to and be binding upon Rhode Island Hospital, its officers, directors, agents, servants, employees, operators, successors, and assignees and all persons, firms, and corporations acting under, through, and for it.
4. That Rhode Island Hospital operates a rotary kiln medical waste incinerator which is used solely for the burning of medical waste. The operation of this medical waste incinerator causes the emission of nitrogen oxides into the ambient atmosphere.
5. That, pursuant to Regulation No. 27, the Rhode Island Hospital medical waste incinerator is a stationary source installed and operating in conformance with RACT as specified in this Consent Agreement.
6. That, to achieve the lowest nitrogen oxides emission limitations that said medical waste incinerator is capable of meeting by using measures that are reasonably available in terms of technological and economic feasibility, Rhode Island Hospital shall control the secondary chamber temperature of the medical waste incinerator between the minimum acceptable temperature of 1800 and 2000 degrees fahrenheit at all times when combusting medical waste.

7. That Rhode Island Hospital shall comply with the record keeping and reporting requirements for the medical waste incinerator by measuring and recording daily natural gas usage.
8. That by 31 May 1995, Rhode Island Hospital shall install, operate and maintain continuous monitoring equipment for primary and secondary chamber temperature for the incinerator.
9. That Rhode Island Hospital shall operate the continuous monitoring equipment at all times except for periods of equipment calibration checks and preventative maintenance. Notwithstanding such exceptions, in all cases valid monitoring data shall be obtained for at least 75% of the hours per day, 75% of the days of the month and 90% of the hours per quarter that the incinerator is operating.
10. Rhode Island Hospital shall demonstrate compliance with Paragraph 6 by monitoring and recording the primary and secondary chamber temperature continuously.
11. That Rhode Island Hospital shall submit a report to the Division for each calendar quarter. This quarterly submittal shall be received no later than 30 days following the end of each calendar quarter. The following information shall be included in the report:
  - I. Non-Compliance with Paragraph 6:

- A. Total time (in hours) secondary chamber not operating between 1800°F and 2000°F when combusting medical waste.
  - B. Total time (in hours) combusting medical waste.
  - C. Non-compliance percentage ( $A/B \times 100$ ).
- II. Continuous temperature monitoring system:
- A. Downtime (in hours) due to.
    - 1. Monitor equipment malfunction
    - 2. Nonmonitor equipment malfunction
    - 3. Calibrations
    - 4. Other known causes
    - 5. Unknown causes
  - B. Total downtime.
  - C. Total Operating time (including startup and shutdown).
  - D. Downtime percentage ( $B/C \times 100$ ).
12. That Rhode Island Hospital shall record the quantity of medical waste combusted in the incinerator on a daily basis.
13. That Rhode Island Hospital shall maintain any and all records required by this Consent Agreement for a period of five years and these records shall be available for inspection by the Division and the United States Environmental Protection

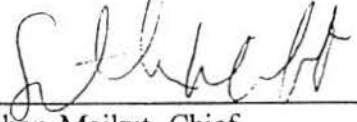
Agency upon request for the purpose of determining compliance with this Consent Agreement and in accordance with Section 27.6.11.

14. That it is agreed and understood by the parties that the implementation of the requirements of this Consent Agreement does not relieve Rhode Island Hospital from compliance with any and all other requirements of the Rhode Island Clean Air Act and applicable State and Federal Air Pollution Control Regulations or with any applicable State and Federal Air Pollution Control Regulations that become effective and/or amended subsequent to the execution of this Consent Agreement.

Consented to in Substance and in Form:

State of Rhode Island and Providence Plantations  
Department of Environmental Management  
For the Director:


27 Nov 95  
Date

  
\_\_\_\_\_  
Stephen Majkut, Chief  
Division of Air Resources

Rhode Island Hospital hereby agrees to the above Consent Agreement, which becomes effective immediately upon being entered and issued.

Authorized Representative:

Nov 21, 1995  
Date

  
\_\_\_\_\_  
Signature

Manager Utility Operations & Design  
Title