



RHODE ISLAND
DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

235 Promenade Street, Providence, RI 02908-5767

TDD 401-222-4462

Certified Mail
February 11, 2011

Mr. Michael O'Connell, Executive Director
Rhode Island Resource Recovery Corporation
65 Shun Pike
Johnston, Rhode Island 02919

Re: Rhode Island Resource Recovery Corporation (RIRRC) –
Central Landfill Phase VI - Approval

Dear Mr. O'Connell:

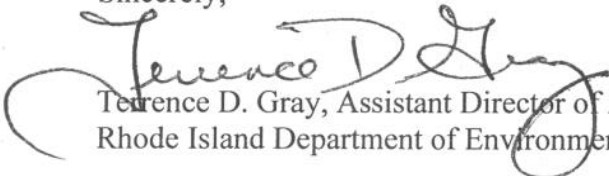
The Office of Waste Management (OWM) has completed its review of the information submitted in support of your Phase VI landfill application for a license to operate a Solid Waste Landfill at 65 Shun Pike, Johnston, R.I. The Office of Waste Management (OWM) has also completed its review of the comments submitted by the public at the public hearing on October 13, 2010 and the public comment period.

As a result of our review, OWM has determined that the application materials submitted substantially comply with the requirements of the regulations. Therefore, the Department hereby approves your application for a license to operate a Solid Waste Landfill known as Phase VI Central Landfill.

Attachment A contains conditions that the Department is imposing as part of the license. Many of these conditions were contained in the Notice of Intent to Issue (NOI), however, additional conditions were added to the license.

Please feel free to call Leo Hellested or myself at (401) 222- 4700 if you have any questions regarding this letter.

Sincerely,



Terrence D. Gray, Assistant Director of Air, Waste and Compliance
Rhode Island Department of Environmental Management

Cc: L. Hellested, L. Grandchamp, W. Ali, RIDEM OWM, S. Forcier, RIDEM OLS,
D. McVay, RIDEM OAR, E. Beck, RIDEM, OWR
B. Anderson, B. Card, RIRRC

STATE OF RHODE ISLAND
AND
PROVIDENCE PLANTATIONS
DEPARTMENT OF



ENVIRONMENTAL MANAGEMENT
LICENSE

THIS LICENSE IS ISSUED TO:

RHODE ISLAND RESOURCE RECOVERY CORPORATION

TO OPERATE A **SANITARY LANDFILL** SOLID WASTE MANAGEMENT FACILITY, KNOWN AS THE: **CENTRAL LANDFILL (PHASE VI)** LOCATED AT **65 SHUN PIKE** IN **JOHNSTON**, RHODE ISLAND, IN CONFORMITY WITH CHAPTER 23-18.9 OF THE GENERAL LAWS OF RHODE ISLAND, 1956, AS AMENDED, AND THE RULES AND REGULATIONS ADOPTED THEREUNDER.

THIS LANDFILL SHALL OPERATE IN ACCORDANCE WITH THE ATTACHED CONDITIONS.

ISSUED: **February 11, 2011** EXPIRES: **February 11, 2014**

NO. **65**



DIRECTOR,
DEPT. OF ENVIRONMENTAL MANAGEMENT

Attachment A

License Conditions – Phase VI Landfill

Central Landfill, Johnston, RI

Date: February 2011

1. The Phase VI landfill shall be constructed and operated in accordance with the “Rules and Regulations for Composting Facilities and Solid Waste Management Facilities, January 1997 and amended October 2005.
2. The Facility shall be operated in accordance with the approved operating plan, and in accordance with any subsequent amendments to said operating plan approved by the DEM. Any modifications to the facility’s operation, and/or addition of equipment, must be approved by DEM prior to installation or implementation.
3. Financial Assurance:
 - A) RIRRC shall comply with all regulatory requirements for closure and post-closure financial assurance as described in Appendix D of RIDEM’s Solid Waste Regulations No. 2. Closure Funds shall be adjusted annually to compensate for applicable inflation and for remaining landfill capacity. RIRRC shall be allowed to make financial deposits into the closure and post-closure funds at the end of each fiscal year.
 - B) RIRRC shall execute and submit the revised trust agreement to the Department prior to performing any construction activities pertaining to any baseliner construction in Phase VI.
4. RIRRC shall dispose of its leachate off-site in accordance with all applicable requirements. If the leachate is discharged to the sewer, RIRRC shall comply with all Industrial Pretreatment Program permitting requirements of the sewer authority that receives RIRRC’s wastewater, including the installation of any pretreatment equipment required by the sewer authority.
5. RIRRC shall comply with the applicable terms and conditions of the Wetlands Permit No. 07-0179.
6. RIRRC shall comply with all storm water Best Management Practices (BMPs) described in its approved Storm Water Pollution Prevention Plan (SWPPP) dated March 2010, or as amended and approved by DEM.
7. Prior to the initiation of construction of the Phase VI landfill, RIRRC shall obtain all necessary RIPDES permits for storm water discharges associated with construction activity.
8. RIRRC shall maintain compliance with the terms and conditions of its Major Source Permit (RI-PSD-12) issued by Office of Air Resources in December 2010.

9. RIRRC is subject to the requirements of 40 CFR Part 60.1-19, Subpart A, "General Provisions" and 40 CFR 60, Subpart WWW, "Standards of Performance for Municipal Solid Waste Landfills". RIRRC is subject to selected requirements of 40 CFR 63.1-15, Subpart A, "General Provisions" [as indicated in Table 1 to Subpart AAAA of 40 CFR 63] and to the requirements of 40 CFR 63, Subpart AAAA, "National Emission Standards for Hazardous Air Pollutants: Municipal Solid Waste Landfills". Compliance with all applicable provisions of these regulations is required.
10. RIRRC shall submit an application for a permit modification to its individual RIPDES permit No. RI0023442, that includes the modifications to ponds 3 and 4 and the addition of ponds 13 and 14, to the RIPDES Program and OWM at least six (6) months prior to the proposed construction of ponds 13 and/or 14 or modification to ponds 3 and/or 4. The application must include the final design drawings and the sediment removal elevations for all new and/or modified ponds. RIRRC must receive RIPDES approval prior to the initiation of discharge from any new ponds.
11. RIRRC shall comply with the revised Sedimentation and Erosion Control Plan for Phase VI, approved by RIPDES in the Office of Water Resources.
12. RIRRC shall submit final construction drawings, specifications and Quality Assurance/Quality Control (QA/QC) plan in conformance with the final approved application.
13. RIRRC shall submit a post-closure monitoring and maintenance manual to DEM.
14. RIRRC shall submit a leachate report that describes the quantity of the flows in the secondary system prior to and after waste placement. Said report shall clearly indicate if an exceedence of the Action Leakage Rate (ALR) has occurred. If the ALR has been exceeded, DEM shall be notified immediately and the necessary remedial steps as described in the operation plan shall be taken.
15. Before disposition of solid waste in Phase VI, all proposed groundwater monitoring wells pertaining to Phase VI shall be sampled and analyzed for all parameters listed in Appendix B of Solid Waste Regulation No. 2.
16. Samples from all proposed surface-water monitoring points of Phase VI shall be collected and analyzed prior to any deposition of solid waste at Phase VI.
17. Leachate recirculation activities shall not be performed by RIRRC without an advance RIDEM approval.
18. RIDEM director has the right to require the capping of any Area (any portion) of Phase VI upon reaching the final elevations based on the compliance status of said Area, and RIRRC shall begin implementing said capping activities within ninety (90) days of receiving said order.

19. RIRRC shall provide the DEM, its authorized officers, employees, and representatives, and all other persons under DEM oversight, an irrevocable right of access to the facility at all reasonable times for the purposes of performing inspections, investigations, testing, and examining records. The DEM or other authorized designated personnel shall have the right to access the facility at all reasonable times for the above-stated purposes without prior notice. Refusal to permit reasonable inspections, tests and investigations shall constitute valid grounds for denial, revocation or suspension of a license; and/or issuance of a Notice of Violation with Administrative Penalty.
20. Issuance of this Solid Waste license does not relieve RIRRC from complying with all applicable local, state, and federal laws and regulations.
21. RIRRC shall update the Central Landfill Quality Assurance/Quality Control (QA/QC) Plan for water quality monitoring that meets the Department's standards. Said QA/QC Plan shall include, but not be limited to a) Field Sampling Standard Operating Procedures detailing how the samples are collected, how the samplers will reach the area and what sampling equipment is to be used; b) An explanation of monitoring station selection criteria; and c) Laboratory SOP's and detection limits that allow determining compliance as allowed by appropriate analytical methods.