NORTH CAROLINA DEPARTMENT OF ENVIRONMENT AND NATURAL RESOURCES

Dexter R. Matthews, Director | Division of Waste Management | Michael F. Easley, Governor
William G. Ross Jr., Secretary

STATE OF NORTH CAROLINA
DEPARTMENT OF ENVIRONMENT AND NATURAL RESOURCES
DIVISION OF WASTE MANAGEMENT

MUNICIPAL SOLID WASTE LANDFILL FACILITY PERMIT

REPUBLIC SERVICES OF NORTH CAROLINA, LLC, a wholly owned subsidiary of
REPUBLIC SERVICES, INC. of Ft. Lauderdale, FL, d.b.a.
EAST CAROLINA ENVIRONMENTAL, Operator
are hereby issued a

PERMIT to OPERATE

EAST CAROLINA REGIONAL LANDFILL
MUNICIPAL SOLID WASTE LANDFILL FACILITY
PHASE IV (CELL 11A)

Located on NCSR 1225 (Republican Road), Bertie County, North Carolina in accordance with Article 9, Chapter 130A, of the General Statutes of North Carolina and all rules promulgated thereunder and subject to the conditions set forth in this permit. The facility is located and described by the legal description of the site or the property map contained within the approved application.

Edward F. Mussler III
CN = Edward F. Mussler III, C = US, O = Division of Waste Management, OU = Solid Waste Section
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Edward F. Mussler, III, P.E.,
Permitting Branch Supervisor
Permitting Branch
Solid Waste Section

ATTACHMENT 3

PART I: GENERAL FACILITY CONDITIONS

Issuance	**Date**
Original Issue (PTC)	August 6, 1993
Original Issue (PTO)	October 8, 1993
Modification (PTO)	December 2, 1994
Renewal (PTO)	April 18, 1997
Amendment 1 (PTO)	November 8, 2000
Modification (PTO	June 23, 2003
Amendment 2 (PTO) Cell 10	September 23, 2003
Modification (PTO)	February 19, 2004
Amendment 3 (PTO & PTC) New Rate & Size	June 17, 2005
Amendment 4 (PTC) Cells 11 and 12	July 14, 2005

PART II: MUNICIPAL SOLID WASTE LANDFILL CONDITIONS

1. *Technical Specification for Alternative Protective Cover, Construction of Cell No. 10, East Carolina Regional MSW Landfill, Bertie County, North Carolina.* Prepared for: Republic Services of North Carolina, LLC. Prepared by: Hodges, Harbin, Newberry & Tribble, Inc., Macon, GA. November 2002. Includes revised Sheets 2 and 4 of 7, PTC Drawings.

2. *Construction Quality Assurance Report. Cell No. 10, East Carolina Regional MSW Landfill, Bertie County, North Carolina.* Prepared for: Hodges, Harbin, Newberry & Tribble, Inc., Macon, GA. Prepared by: Bunnell-Lammons Engineering, Inc. Greenville, SC. August 2, 2003 as amended through September 12, 2003. Volumes 1 – 3. BLE Project Number J03-1001-41.

3. *Permit to Construct, Expanded East Carolina Regional MSW Landfill. Bertie County, North Carolina.* Prepared for: Republic Services of North Carolina, LLC. Prepared by: Hodges, Harbin, Newberry and Tribble, Inc. Macon, GA. April 2004.

4. *Construction Quality Assurance Report. Cell No. 11 Lower End, East Carolina Regional MSW Landfill, Bertie County, North Carolina.* Prepared for: Hodges, Harbin, Newberry & Tribble, Inc., Macon, GA. Prepared by: Bunnell-Lammons Engineering, Inc. Greenville, SC. November 29, 2005 as amended through March 15, 2006. BLE Project Number J05-1001-52.

PART III: CONSTRUCTION AND DEMOLITION LANDFILL CONDITIONS
(NOT APPLICABLE)

PART IV: LAND CLEARING AND INERT DEBRIS LANDFILL CONDITIONS
(NOT APPLICABLE)

PART V: YARD WASTE CONDITIONS
(NOT APPLICABLE)

PART VI: MISCELLANEOUS TREATMENT AND PROCESSING FACILITIES CONDITIONS

1. *Expanded East Carolina Regional MSW Landfill Facility Plan, Waste Solidification Process Modification, Republic Services of North Carolina, LLC, Bertie County, North Carolina.* Prepared for: Republic Services of North Carolina, LLC. Prepared by: Hodges, Harbin, Newberry, and Tribble, Inc. March 27, 2003.

- End of Section -

ATTACHMENT 4
Conditions of Permit to Operate

PART I: GENERAL FACILITY CONDITIONS

1. This permit shall be reviewed on March 28, 2011, pursuant to 15A NCAC 13B .0201(e). No later than November 28, 2010, the owner or operator shall submit to the Solid Waste Section an amendment to the permit prepared in accordance with 15A NCAC 13B .1603(a)(2) or a permit modification prepared in accordance with 15A NCAC 13B .1603(a)(3), as applicable.

2. In the event of conflicts between this Permit to Operate and previously issued conditions, the conditions of this Permit to Operate shall supersede previously issued conditions.

3. The solid waste management units within this facility shall conform to all operating procedures described in the approved plans, 15A NCAC 13B, and the conditions specified herein.

4. Additional conditions and revision of the approved documents or changes during the operation of the landfill require approval by the North Carolina Solid Waste Section.

5. On or before August 1 annually, the Permittee shall report the amount of tons waste received at this facility and disposed of in the landfill units to the Solid Waste Section and to all counties from which waste was accepted on forms prescribed by the Section. This annual report shall include the following information:

    a. The reporting period shall be for the previous year beginning July 1 and ending June 30.

    b. The annual report shall list the amount of waste received and landfilled in tons and be compiled:

        i) On a monthly basis,
        ii) By county, city or transfer station of origin,
        iii) By specific waste type,
        iv) By disposal location within the facility, and
        v) By diversion to alternative management facilities.

    c. A measurement of the volume utilized in the MSW cells shall be performed during the second quarter of the calendar year. The date and volume, in cubic yards, shall be included in the report.

    d. The amount of waste, in tons, from scale records, disposed in the MSW cells since October 8, 1993 through the date of the annual volume determination.

    e. The completed report shall be forwarded to the Regional Waste Management Specialist for the facility. A copy of the completed report shall be forwarded to the County Manager of each county from which waste was received.

6. Ground water quality at this facility is subject to the "Classifications and Water Quality Standards Applicable to the Groundwater of North Carolina", 15A NCAC 2L. This includes, but is not limited to,

provisions for detection monitoring, assessment, and corrective action.

7. The facility has an approved gross volume of approximately 24,200,000 cubic yards consistent with the approved final contours. Gross volume shall be calculated as the volume between the top of the protective cover and the top of the final cover. Actual waste disposal capacity may vary depending upon waste compaction and amount and type of operational cover.

PART II: MUNICIPAL LANDFILL UNIT SPECIFIC CONDITIONS

GENERAL CONDITIONS

8. This permit approves the operation of Phases I, II, III, and IV with a permitted disposal capacity of approximately 12,192,000 cubic yards of the municipal solid waste landfill as well as the on-site environmental management and protection facilities as describe in the approved plans. Specifically, Phase IV (Cells 11 and 12) has a disposal capacity of approximately 3,925,000 cubic yards.

9. This permit is for the operational approval of Phase IV, Cell 11A. Cell 11A shall be designated as the 2.4 acres of the lower end of Cell 11. Operation of future cells or subcells will require written approval from the Division and shall meet the conditions set forth in the Permit to Operate issued June 17, 2005.

10. The landfill will be constructed in three additional Phases (V – VII). Construction of cells within each phase shall be in accordance with the Division approved plans.

11. This facility is permitted for an average annual disposal rate of approximately 584,000 tons. This corresponds to an approximate disposal rate of 1600 tons per day based on 365 operating days per year, with a maximum variance of 10% facility total within any one annual reporting year as set forth in Document 9, Part II, Attachment 1.

12. The MSW landfill is permitted to receive solid waste generated by and in counties of North Carolina, consistent with local government waste management plans, local government approval and contract and franchise agreement, and as defined in N.C.G.S. §130A-290(a)(35), except where prohibited by North Carolina General Statutes Article 9 of Chapter 130A, and rules adopted by the Commission for Health Services.

MONITORING AND REPORTING

13. Ground water monitoring at this unit shall be as prescribed by the appropriate requirements of 15A NCAC 13B .1630-.1637 and the approved monitoring plan.

14. A readily accessible unobstructed path shall be cleared and maintained so that four-wheel drive vehicles may access monitoring well locations at all times.

15. A field log book which details all development, sampling, repair, and all other pertinent activities associated with each monitoring well and all sampling activities associated with each surface water and leachate sampling location shall be kept as part of the permanent facility record.

16. Records of all ground-water, surface water and leachate analytical data shall be kept as part of the permanent facility record.

17. Ground water monitoring wells and surface water sampling locations must be sampled for Appendix I constituents at least semi-annually according to the specifications outlined in the approved water quality monitoring plan and the current policies and guidelines of the Section in effect at the time of sampling.

18. Reports of the analytical data for each water quality sampling event shall be submitted to the Section within 60 days of the respective sampling event. Analytical data shall be submitted in a manner prescribed by the Section.

19. The four independent samples which comprise the initial baseline sampling event shall be collected from each ground water monitoring well and the report shall be submitted to the Section within six months after issuance of the Permit to Operate.

20. Untreated leachate shall be sampled and analyzed at least semi-annually concurrently with the ground and surface water sampling. The leachate shall be analyzed for all Appendix I constituents, pH, specific conductance, BOD and COD, phosphate, nitrate, and sulfate. Test results shall be submitted to the Section along with ground and surface water test results. In the event leachate is recirculated, additional leachate sampling may be required.

OPERATIONAL CONDITIONS

21. The landfill unit shall conform to all operating requirements described in the approved plans, 15A NCAC 13B .1626, and the conditions specified herein.

22. The use of tarps as alternative daily cover is approved. Use shall be consistent with prior approved plans. The use of different alternative daily cover requires approval, prior to implementation, by the Solid Waste Section. Requests for alternative daily cover approval must include a plan detailing the comprehensive use and a demonstration of the effectiveness of the alternative daily cover. The plan shall be developed according to Section guidelines. Plans which are approved by the Section will be incorporated into, and made a part of, the approved documents found in Attachments 1 or 3.

23. The use of leachate recirculation as a leachate management tool is approved. Leachate recirculation will be conducted according to the approved plan, Document 1, Attachment 1.

24. The landfill facility is permitted to co-dispose of wastewater treatment sludge generated within the facility's approved service area, subject to the terms and procedures of the approved plan.

25. Closure or partial closure of any MSW landfill unit shall be in accordance with the Closure Plans described in the approved plans and 15A NCAC 13B .1629. Final Closure Plans shall be submitted to the Division at least 90 days prior to implementation. Closure and Post-closure plans, including financial instruments shall be updated annually pursuant to 15A NCAC 13B .1628.

PART III: CONSTRUCTION AND DEMOLITION DEBRIS UNIT SPECIFIC CONDITIONS
(NOT APPLICABLE)

PART IV: LAND CLEARING AND INERT DEBRIS UNIT SPECIFIC CONDITIONS
(NOT APPLICABLE)

PART V: YARD WASTE UNIT SPECIFIC CONDITIONS
(NOT APPLICABLE)

PART VI: MISCELLANEOUS FACILITIES SPECIFIC CONDITIONS
Liquid and Sludge Solidification Processing Unit

26. Operations shall be in accordance with Document 1, Part VI, Attachment 3 and the following conditions.

27. Approval for Operation shall be for a one-year period beginning March 28, 2006. The solidification process shall be reviewed on an annual basis. The facility shall meet any update to the rules or policies of the Section in place at the time of the renewal. The operational approval shall automatically be renewed unless the owner is notified in writing by the Section.

28. Records of the following, at a minimum, shall be maintained: waste material description, solidification agent(s) utilized, waste determination records, tons of waste and solidification agents disposed, date and time of receipt of liquid or sludge waste, date and time of solidification. Records shall be kept in the facility operating record and made available to the Section on request.

29. Liquid and sludge waste shall be processed within 24 hours of receipt. Drums may be stored for 24 hours before processing. Liquid waste shall not be stored, unprocessed, over the weekend.

30. Bulking agents shall be stored on an impervious surface. Dust and leachate formation shall be prevented.

31. Petroleum contaminated soils shall not be used as bulking agents.

32. All liquids, sludge and bulking agents shall be weighed and reported as solid waste for purposes of the Solid Waste Annual Report reporting requirements.

33. Spills must be cleaned up immediately.

34. No odors, vectors or nuisances are allowed in the processing area.

35. Spills that are not to the impervious surface, spills that are not cleaned in a timely manner, vector, odors, incomplete records, accepting wastes or bulking agents that the facility is not permitted to receive, shall be among the minimum reasons that the processing may be ordered by the facility waste management specialist to cease.

- End of Section -