North Carolina Department of Environment and Natural Resources
Division of Waste Management

Pat McCrory
Governor

Dexter R. Matthews
Director

John E. Skvarla, III
Secretary

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

SOLID WASTE MANAGEMENT FACILITY
Permit No. 0803-MSWLF-1993

REPUBLIC SERVICES OF NORTH CAROLINA, LLC,
a wholly owned subsidiary of REPUBLIC SERVICES, INC.
d.b.a. EAST CAROLINA REGIONAL LANDFILL
is hereby issued a

PERMIT TO CONSTRUCT

0803-MSWLF-1993, East Carolina Regional Landfill
Phase 5, Cell 14

PERMIT TO OPERATE

0803-MSWLF-1993, East Carolina Regional Landfill
PHASE 1-4 & PHASE 5 (Cell 13)

PERMIT FOR CLOSURE

Not Applicable

Located the intersection of Republican and Harmon Roads, south of Aulander, Snakebite Township, 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 legal description of the site is identified on the deeds recorded for this property listed in Attachment 1 of this permit.

Digitally signed by Edward F. Mussler III, P.E.
DN: cn=Edward F. Mussler III, P.E., o=NCDWM, ou=Solid Waste Section, email=ed.mussler@ncdenr.gov, c=US
Date: 2013.08.23 13:13:06 -04'00'

Edward F. Mussler, III, P.E.,
Permitting Branch Supervisor
Solid Waste Section

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ATTACHMENT 1
GENERAL PERMIT CONDITIONS/INFORMATION

PART I: GENERAL FACILITY

1. This permit is issued by the North Carolina Department of Environment and Natural Resources, Division of Waste Management, Solid Waste Section (Section). In accordance with North Carolina Solid Waste Management Rule 15A NCAC 13B .0201(d), a solid waste management facility permit shall have two parts: a Permit to Construct and a Permit to Operate. The Permit to Construct must be implemented in accordance with Attachment 2 of this permit. The Permit to Operate must be implemented in accordance with Attachment 3 of this permit.
2. The persons to whom this permit is issued ("permittee") are the owners and operators of the solid waste management facility.
3. The Permit to Construct for this facility dated August 6, 1993, was recorded in the Bertie County Register of Deeds on August 11, 1993, in Deed Book 704, Pages 407-417. DIN 16664.
4. When this property is sold, leased, conveyed, or transferred in any manner, the deed or other instrument of transfer shall contain in the description section in no smaller type than that used in the body of the deed or instrument, a statement that the property has been used as a solid waste management facility and a reference by book and page to the recordation of the permit.
5. By receiving waste at this facility the permittee shall be considered to have accepted the terms and conditions of this permit.
6. Operation of this solid waste management facility shall be in accordance with the Solid Waste Management Rules, 15A NCAC 13B, Article 9 of the Chapter 130A of the North Carolina General Statutes (NCGS 130A-290, et seq.), the conditions contained in this permit; and the approved plan. Should the approved plan and the rules conflict, the Solid Waste Management Rules shall take precedence unless specifically addressed by permit condition. Failure to comply may result in compliance action or permit revocation.
7. This permit is issued based on the documents submitted in support of the application for permitting the facility including those identified in Attachment 1, "List of Documents for Approved Plan," and which constitute the approved plan for the facility. Where discrepancies exist, the most recent submittals and the Conditions of Permit shall govern.
8. This permit may be transferred only with the approval of the Section, through the issuance of a new or substantially amended permit in accordance with applicable statutes and rules. In accordance with NCGS 130A-295.2(g) the permittee must notify the Section thirty (30) days prior to any significant change in the identity or business structure of either the owner or the operator, including but not limited to a proposed transfer of ownership of the facility or a change in the parent company of the owner or operator of the facility.
9. The permittee is responsible for obtaining all permits and approvals necessary for the development of this project including approval from appropriate agencies for a General or Individual NPDES Stormwater Discharge Permit. Issuance of this permit does not remove

the permittee's responsibilities for compliance with any other local, state or federal rule, regulation or statute.

Permit Date Table

Permit	Status	Issuance	Expiration	DIN
0803-MSWLF-1993, East Carolina Regional Landfill	Active	February 9, 2009	February 9, 2014	19450

Properties Approved For the Solid Waste Facility

Description	**Deed Book**	**Page No.**	**Acreage**	**Grantor**
Addington	704	315	469.10	Addington Environmental, Inc
Powell	705	49	1.28	Powell
Cherry	716	677	100.43	Cherry
Weyerhauser	725	655	50.00	Weyerhauser
Smallwood	706	898	41.78	Smallwood
Articles of Merger	840	853	n/a	East Carolina Environmental
Total Site Acreage			662.59	

Original Boundary Survey recorded in Plat Cabinet A Page 1094 & 1095.

PART II: MUNICIPAL SOLID WASTE LANDFILL UNIT(S)

Permitting History: 0803-MSWLF-1993, East Carolina Regional Landfill

Permit Type	Date Issued	DIN
Original Issue (PTC)	August 6, 1993	
Original Issue (PTO)	October 8, 1993	
Modification (PTO)	December 2, 1994	
Amendment (PTO)	April 18, 1997	
Version 1 (PTO)	November 8, 2000	
Modification -PTO –Sludge Solidification	June 3, 2003	
PTO - Cell 10	September 23, 2003	
PTO- Modification	February 19, 2004	
PTO & PTC - New Rate & Size	June 17, 2005	
PTC - Cells 11 and 12	July 14, 2005	
PTO - Cell 11A – Lower End	March 28, 2006	0209
PTO - Cell 11B	June 15, 2006	0241
PTO - Cell 12	June 17, 2008	4886
PTC - Phase 5- Cells 13 & 14	February 9, 2009	6628

PTO - Cell 12 Renewal	June 16, 2011	13592
PTC – Phase 5 – Cell 13 Modification	February 20, 2013	17849
PTO - Cell 13	August 23, 2013	19450

List of Documents for Approved Plan
The descriptions of previous/historical documents are found in the Permit to Constructs - August 6, 1993 & June 17, 2005, Permit to Operate- October 8, 1993 & April 18, 1997,

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. *Articles of Merger of East Carolina Environmental, Inc. and Upper Piedmont Environmental, Inc. into Republic Services of North Carolina, LLC*. Filed April 24, pages, June 2, 2005.
5. *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.
6. *Construction Quality Assurance Report. Cell No. 11 Upper 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. May 18, 2006. BLE Project Number J06-1001-55. DIN 0244
7. *Construction Quality Assurance Report. Construction of Cell No. 12, 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. April 29, 2008, revised on June 02, 2008. BLE Project Number J07-1001-58. DIN5315.

8. *Conceptual Design (Facility Plan Revision of Phases 5, 6 and 7), Expanded East Carolina Regional MSW Landfill. Bertie County, North Carolina. Prepared for Republic Services of North Carolina, LLC. January 2004, Revised January 2009*. Prepared by Hodges, Harbin, Newberry and Tribble, Inc. Macon, Ga. January 2009. DIN 6629.
9. *Updated Facility Plan Sheet for East Carolina Regional Landfill*, Prepared by Hodges, Harbin, Newberry and Tribble, Inc. for Republic Services of NC LLC. September 30, 2010. DIN 12048.
10. *Permit to Operate 5-Year Renewal Request, East Carolina Regional Landfill, Facility Permit No. 08-03.* Prepared by Hodges, Harbin, Newberry and Tribble, Inc. Macon, Ga. January 21, 2011, DIN 12784. Revised April 15, 2011, DIN 14087.
11. *East Carolina Regional Landfill, Permit No. 08-03, Request for Demonstration Project, Bertie County, HHNT Project No. 6703-260-01.* Prepared for Republic Services. Prepared by Hodges, Harbin, Newberry, & Tribble. December 6, 2012. DIN 17847.
12. *Construction Quality Assurance Report. Volume 1 & 2. Construction of Cell No. 13, 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. July 1, 2013. DIN 19291.

PART III: CONSTRUCTION AND DEMOLITION DEBRIS LANDFILL UNIT(S)
Not Applicable

PART IV: INDUSTRIAL LANDFILL UNIT(S)
Not Applicable

PART V: LAND CLEARING AND INERT DEBRIS LANDFILL UNIT(S)
Not Applicable

PART VI: TRANSFER STATION/TREATMENT & PROCESSING UNIT(S)
Not Applicable

PART VII: MISCELLANEOUS SOLID WASTE MANAGEMENT

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 2

CONDITIONS OF PERMIT TO CONSTRUCT

PART I: GENERAL FACILITY

1. This permit was issued on February 9, 2009 and the permit shall expire February 9, 2014. Pursuant to the NC Solid Waste Management Rules (Rule) 15A NCAC 13B .0201(c) and (d)(1).).
2. The initial, substantial, construction authorized by this Permit to Construct must commence within 18 months from the issuance date of this permit. If substantial construction does not begin within 18 months from the issuance date of this permit, then the permit to construct shall expire. Substantial construction includes, but is not limited to, issuance of construction contracts, mobilization of equipment on site, and construction activities including installation of sedimentation and erosion control structures. The permittee may reapply for the permit to construct prior to the expiration date. The re-application will be subject to the statutes and rules in effect on that date and may be subject to additional fees
3. Construction of all solid waste management units within this facility must be in accordance with the pertinent approved plans and only for those phases of development approved for construction as described in Attachment I, Part II List of Documents for the Approved Plan.
4. The permittee must conduct a preconstruction meeting at the facility prior to initiating construction of any unit/cell and must notify the Section at least 10 days prior to the meeting.
5. Modifications or revisions of the approved documents or changes during construction of any landfill unit/cell require approval by the Section, and may constitute a permit modification and be subject to a permitting fee.
6. The following conditions must be met prior to operation of the Phase 5 – Cells 14:
   a. The Permittee must obtain a Permit to Operate for Phase 5 from the Section in accordance with 15A NCAC 13B .0201(d).
   b. Construction Quality Assurance (CQA) documentation as well as a certification by the project engineer that the landfill was built in accordance with approved plans and the conditions of the permit must be submitted to the Section for review and approval.
   c. The Permittee must contact the appropriate regional environmental specialist and permitting engineer to determine whether the Section chooses to hold a pre-operative meeting with key landfill personnel and representatives of the Section.
   d. The edge of the waste footprint must be identified with permanent physical markers.

Geologic, Ground Water and Monitoring Requirements

7. Prior to issuing the Permit to Operate, samples from new ground water monitoring wells and surface water stations shall be sampled for the Appendix I constituent list.
8. Prior to construction of the phase or cell(s) within the phase, all piezometers, borings, and groundwater monitoring wells within the footprint must be properly abandoned in accordance with 15A NCAC 2C .0113 (b)(1), entitled “Abandonment of Wells.”
9. In areas where soil is to be undercut, abandoned piezometers, monitoring wells and borings must not be grouted to pregrade land surface, but to the proposed base grade surface to prevent having to cut excess grout and possibly damage the wells.
10. A Licensed Geologist must report any pertinent geological feature(s) exposed during phase or cell excavation. Prior to placing any landfill liner, the geologist must submit to the Section hydrogeologist a written report that includes an accurate description of the exposed

geological feature(s) and effect of the geological feature(s) on the design, construction, and operation of the cell, phase, or unit.

11. A Licensed Geologist must supervise installation of groundwater monitoring wells and surface water sampling stations.
12. Any modification to the approved water quality monitoring, sampling, and analysis plan must be submitted to the Section Hydrogeologist for review.
13. Within 30 days of completed construction of each new groundwater monitoring well, a well construction record (GW-1 form), typical well schematic, boring log, field log and notes, and description of well development activities must be submitted to the Section.
14. The permittee must provide a plan sheet-sized, scaled topographical map, showing the location and identification of new, existing, and abandoned wells and piezometers after installation of groundwater monitoring wells.
15. Within thirty (30) days of the completed permanent abandonment of a ground-water monitoring well, the well abandonment record (GW-30 form) and any additional information included in the abandonment record) must be submitted to the Section. The well abandonment records must be submitted to the Solid Waste Section in accordance with 15A NCAC 2C .0114(b) and be certified by a Licensed Geologist.

Erosion and Sedimentation Control Requirements

16. All required sedimentation and erosion control measures must be installed and operable to mitigate excessive on-site erosion and to prevent silt from leaving the landfill facility during the service life of the facility.
17. All earth disturbing activities must be conducted in accordance with the Sedimentation Pollution Control Act of 1973 (15 NCAC 4) and consistent with any other local, state or federal requirements.
18. Facility construction, operations or practices must not cause or result in a discharge of pollution, dredged material, and/or fill material into waters of the state in violation of the requirements under Sections 401 and 404 of the Clean Water Act, as amended.
19. Modifications to the approved sedimentation and erosion control activities require approval by the North Carolina Land Quality Section. The Section must be notified of any sedimentation and erosion control plan modifications.
20. Pursuant to the NC Solid Waste Management Rule (Rule) 15A NCAC 13B .1626(5) burning of land-clearing debris generated on site as a result of construction activities requires approval by the Section prior to initiating the burn. In addition, the Division of Air Quality and local fire department must approve the activity prior to burning.

PART II: MUNICIPAL SOLID WASTE LANDFILL UNIT(S)
Not Applicable

PART III: CONSTRUCTION AND DEMOLITION DEBRIS LANDFILL UNIT(S)
Not Applicable

PART IV: INDUSTRIAL LANDFILL UNIT(S)
Not Applicable

PART V: LAND CLEARING AND INERT DEBRIS LANDFILL UNIT(S)
Not Applicable

PART VI: TRANSFER STATION/TREATMENT & PROCESSING UNIT(S)
Not Applicable

PART VII: MISCELLANEOUS SOLID WASTE MANAGEMENT
Not Applicable

- End of Section –

ATTACHMENT 3

CONDITIONS OF PERMIT TO OPERATE

PART I: GENERAL FACILITY

1. All sedimentation and erosion control activities must be conducted in accordance with the Sedimentation Control Act NCGS 113A-50, et seq., and rules promulgated under 15A NCAC 4. All required sedimentation and erosion control measures must be installed and operable to mitigate excessive on-site erosion and to prevent silt from leaving the landfill facility during the service life of the facility.
2. Facility construction, operations or practices must not cause or result in a discharge of pollution, dredged material, and/or fill material into waters of the state in violation of the requirements under Sections 401 and 404 of the Clean Water Act, as amended.
3. Modifications to the approved sedimentation and erosion control activities require approval by the North Carolina Land Quality Section. The Solid Waste Section must be notified of any sedimentation and erosion control plan modifications.
4. Copies of this permit, the approved plans, and all records required to be maintained in the operating record by the permittee must be maintained at the facility, unless otherwise approved by the Section, and made available to the Section upon request during normal business hours.
5. All forms, reports, maps, plans, and data submitted to the Section must include an electronic (pdf) copy.
6. Open burning of solid waste is prohibited. Fires must be reported to the Regional Waste Management Senior Specialist within twenty-four (24) hours of the occurrence with a written notification to be submitted within fifteen (15) calendar days of the occurrence. Fire lanes must be maintained and passable at all times. Dimensions of the fire lanes must be coordinated with the Fire Marshall having jurisdiction over the site.
7. Pursuant to the NC Solid Waste Management Rule (Rule) 15A NCAC 13B .1626(5) burning of land-clearing debris generated on-site, as a result of construction activities, requires approval by the Section prior to initiating the burn. In addition, the Division of Air Quality and local fire department must approve the activity prior to burning.

8. The facility must be adequately secured by means of gates, chains, berms, fences, or other security measures approved by the Section to prevent unauthorized entry.
9. Interior roadways must be of all-weather construction and maintained in good condition.
10. Signs must be posted at the entrance to the facility that state that no hazardous waste or liquid waste can be received at the facility; and that provide information on dumping procedures, the hours of operation, the permit number, and other pertinent information. Traffic signs or markers must be provided as necessary to promote an orderly traffic pattern to and from the discharge area and to maintain efficient operating conditions.
11. The edge of the waste footprint for all disposal units must be identified and maintained with permanent physical markers.

PART II: MUNICIPAL SOLID WASTE LANDFILL UNIT(S)

0803-MSWLF-1993 East Carolina Regional Landfill

12. This permit shall expire February 9, 2014. Pursuant to 15A NCAC 13B .0201(g), no later than August 9, 2013, the owner or operator must submit a request to the Section for permit review and must update pertinent facility plans including, but not limited to, the facility operation and waste screening plans.
13. This permit approves the continued operation of Phases 1, 2, 3 and 4 and the operation of Phase 5 – Cell 13 of the East Carolina Regional Landfill, including the onsite environmental management and protection facilities as described in the approved plans. Operation of any landfill future phases or cells requires written approval of the Section and must be constructed in accordance with applicable statutes and rules.
14. The total facility has an approved gross volume of approximately 24,200,000 cubic yards consistent with the approved final contours. Gross volume must 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.

MSW Unit	**Acreage**	**Gross Capacity (Cu. Yds.)**	**Status**
Phase 1 – Cells 3, 4, 5 and 6	27.8	2,140,000	Operational
Phase 2 – Cells 7 and 8	22.2	2,114,000	Operational
Phase 3 – Cells 9 and 10	21.3	4,013,000	Operational
Phase 4 – Cells 11 and 12	24.8	5,200,000	Operational
Phase 5 – Cells 13 and 14	24.6	3,854,000	Operational (cell 13)
Phase 6 – Cells 15 and 16	19.6	4,129,000	Future
Phase 7 – Cells 17	8.5	2,750,000	Future
Totals	148.8	24,200,000	

15. 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.
16. 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.
17. The permittee is required to make application for a permit amendment for subsequent phases of landfill development, in accordance with NCGS 130A-295.8(b)(2).
18. The following, at a minimum, must not be accepted for disposal at the facility: hazardous waste, yard trash, liquid wastes, regulated medical waste, sharps not properly packaged, PCB waste as defined in 40 CFR 761, and wastes banned from disposal in North Carolina by G.S. 130A-309.10(f).
19. The permittee must not knowingly dispose of any type or form of municipal solid waste that is generated within the boundaries of a unit of local government that by ordinance:
    a. Prohibits generators or collectors of municipal solid waste from disposing of that type or form of municipal solid waste.
    b. Requires generators or collectors of municipal solid waste to recycle that type or form of municipal solid waste.
20. The use of leachate recirculation as a leachate management tool is approved. Leachate recirculation will be conducted according to the approved plan in Attachment 1, Part II. Leachate may not be recirculated over areas that do not have a liner that conforms to Rule .1624(b)(1)(A).
21. The facility is permitted to co-dispose of wastewater treatment sludge generated within the facility's approved service area, and subject to the terms and procedures of the approved plan.
22. The leachate collection system must be maintained in accordance with 15A NCAC 13B .1626(12)(a). The permittee shall prepare a plan detailing the maintenance of the system and must submit it to the Section for review and approval no later than July 1, 2009. The plan shall include provisions for periodic cleaning and visual inspection. Documentation of the inspections, and cleaning and monitoring must be included in the operating records of the facility and provided to the Section upon request.
23. Financial assurance as required by state rules and statutes must be continuously maintained for the duration of the facility in accordance with applicable rules and statutes. Closure and Post-Closure cost estimates and financial instruments must be updated annually pursuant to 15A NCAC 13B .1628.
24. Closure or partial closure of any MSWLF unit must be in accordance with the Closure Plans described in the approved plans and 15A NCAC 13B .1629. Final Closure Plans must be submitted to the Section at least 90 days prior to implementation.
25. The facility operator must complete an approved operator training course in compliance with G.S. 130A-309.25.

a. A responsible individual certified in landfill operations must be on-site during all operating hours of the facility at all times while open for public use to ensure compliance with operational requirements.
b. All pertinent landfill-operating personnel must receive training and supervision necessary to properly operate the landfill units in accordance with G.S. 130A-309.25 and addressed by memorandum dated November 29, 2000.

26. The use of tarps, posi-shell and petroleum contaminated soil as alternative daily cover is approved. 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 must 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 listed in Attachment 1, Part II. Soil shall be applied, if needed, to control nuisance, odor or vectors.
27. The facility must maintain records for all solid waste materials accepted as alternative cover material and used as alternate daily cover. The records must include: the date of receipt, weight of material, general description of the material, identity of the generator and transporter, and county of origin. Such records must be made available to the Section upon request.
28. Prior to disposal in a new cell previously separated from the active disposal cell by rainwater and leachate separation devices involving rainwater flaps welded to the liner and/or disconnected leachate lines, a construction certification shall be placed in the facility operating record. The certification must describe the proper removal of temporary rainwater devices and reconnection of leachate collection lines in accordance with the approved documents listed in Attachment 1, Part II. The document must also contain a statement of certification by the facility's trained landfill operator, N. C. registered professional engineer, or other person approved by the Section, that the construction was properly completed according to the approved plans.
29. The proper removal of geotextile covering the gravel column, occurring with the progression of fill, shall be documented by the facility's trained landfill operator, or other person approved by the Section, in accordance with the approved documents listed in Attachment 1, Part II, of this permit, and the documentation shall be placed in the facility's operating record.

Monitoring and Reporting Requirements

30. Groundwater, surface water, and methane monitoring locations must be established and monitored as identified in the approved plans.
31. A licensed geologist must be present to supervise the installation of groundwater monitoring wells. The exact locations, screened intervals, and nesting of the wells must be established after consultation with the SWS Hydrogeologist at the time of well installation.
32. 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.

33. Methane monitoring wells must be sampled for explosive gases at least quarterly and according to specifications outlined in 15A NCAC 13B .544(d), entitled “Gas Control Plan,” and current policies and guidelines of the Section in effect at the time of sampling.
34. Reports of the analytical data for each monitoring event must be submitted to the Section within 120 days of the respective sampling event. Analytical data must be submitted in a manner prescribed by the Section. Records of all groundwater, surface water, and leachate analytical data must be kept as part of the permanent facility record.
35. The four independent samples which comprise the initial baseline sampling event must be collected from each groundwater monitoring well and the report must be submitted to the Section within six months after issuance of the Permit to Operate.
36. 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.
37. Untreated leachate must be sampled and analyzed at least semi-annually concurrently with the groundwater water and surface water sampling, one sample per event. The leachate must be analyzed for the same constituents as the groundwater monitoring wells and surface water monitoring locations as specified in the approved monitoring plan. Test results must be submitted to the Section along with groundwater test results. In the event leachate is recirculated, additional leachate sampling may be required.
38. A readily accessible unobstructed path must be cleared and maintained so that four-wheel vehicles may access monitoring well locations at all times.
39. 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 must be kept as part of the permanent facility record.
40. All well construction records and soil boring logs for new wells must be submitted to the Solid Waste Section Hydrogeologist for review within 30 days of completion.
41. The owner or operator must maintain a record of the amount of solid waste received at the landfill unit, compiled on a monthly basis. Scales must be used to weigh the amount of waste received.
42. On or before August 1 annually, the Permittee must submit an annual facility report to the Section, on forms prescribed by the Section.
    a. The reporting period shall be for the previous year beginning July 1 and ending June 30.
    b. The annual facility report must 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.
        v) By diversion to alternative management facilities.

c. A measurement of volume utilized in the landfill cells must be performed during the first or second quarter of the calendar year. The date and volumes, in cubic yards, must be included in the report.
d. For MSW, the amount of waste, in tons from scale records, disposed in landfill cells from October 8, 1993 through the date of the annual volume survey must be included in the report.
e. The completed report must be forwarded to the Regional Waste Management Specialist for the facility by the date due on the prescribed annual facility report form.
f. A copy of the completed report must be forwarded to each county manager for each county from which waste was received at the facility. Documentation that a copy of the report has been forwarded to the county managers must be sent to the Regional Waste Management Specialist by the date due on the prescribed annual facility report form.

PART III: CONSTRUCTION AND DEMOLITION DEBRIS LANDFILL UNIT(S)
Not Applicable

PART IV: INDUSTRIAL LANDFILL UNIT(S)
Not Applicable

PART V: LAND CLEARING AND INERT DEBRIS LANDFILL UNIT(S)
Not Applicable

PART VI: TRANSFER STATION/TREATMENT & PROCESSING UNIT(S)
Not Applicable

PART VII: MISCELLANEOUS SOLID WASTE MANAGEMENT

General Conditions

43. Wastes received and product stored shall be maintained in reasonably sized piles with adequate fire breaks and lanes in accordance with the approved operational plans and the pertinent rules.
44. Surface water shall be diverted from all operational and storage areas to prevent standing water in operational areas and under or around storage piles. Water that comes in contact with solid waste shall be contained on-site or properly treated prior to discharge.
45. These areas shall be operated and maintained with sufficient dust control measures to minimize airborne emissions and to prevent dust from becoming a nuisance or safety hazard.
46. These areas shall be operated and maintained in a manner so as to minimize odors, prevent the creation of a nuisance, potential health hazard, or a potential fire hazard.
47. Effective vector control measures shall be applied as necessary to control flies, rodents, insects, or vermin.

48. All miscellaneous solid waste management activities must be managed within the facility in the areas identified in the approved plans. Management of solid waste in areas of the facility other than that referenced above, require written permission of the Solid Waste Section.

Operational Conditions – Materials Mulching and Grinding

49. The facility must manage materials mulching and grinding according to the Operation Plan included in Attachment 1, Part II, *List of Documents for the Approved Plan*. Any revisions to the approved plan shall be approved by the North Carolina Division of Waste Management (DWM), Solid Waste Section, prior to implementation.
50. At least 75 percent of the processed materials shall be removed for recycling or disposed in the facility MSWLF units within one year of receipt.
51. The facility is permitted to operate a treatment and processing facility as defined in 15A NCAC 13B, Rule .0101(49).
52. The facility is permitted to receive land clearing waste as defined in 15A NCAC 13B, Rule .0101(23).
53. The facility is permitted to receive wooden pallets constructed of unpainted and untreated natural wood.
54. The facility is permitted to receive yard trash as defined in 15A NCAC 13B, Rule .0101(55). However, this ground material containing yard trash may not be distributed to the public unless it has been composted in accordance with Rule .1400.

Operational Conditions – Tires

55. This unit shall be operated in accordance with the approved documents and the requirements of 15A NCAC 13B .1107.
56. The facility is permitted to receive tires and scrap tires as defined in North Carolina General Statute Article 9, Chapter 130A-309.53(6) & (7).
57. The facility must manage tires according to Rule .1100, Scrap Tire Management, and the Operation Plan included in Attachment 1, Part II, *List of Documents for the Approved Plan*. Any revisions to the approved plan shall be approved by the North Carolina Division of Waste Management (DWM), Solid Waste Section, prior to implementation.

Operational Conditions – White Goods

58. The facility is permitted to receive white goods as defined in North Carolina General Statute Article 9, Chapter 130A-290(44).
59. The facility must manage white goods according to the Operation Plan included in Attachment 1, Part II, *List of Documents for the Approved Plan*. Any revisions to the approved plan shall be approved by the North Carolina Division of Waste Management (DWM), Solid Waste Section, prior to implementation.
60. The facility must manage white goods according to applicable statutes and rules of the State of North Carolina.
61. White goods collection areas shall provide for the proper removal of chlorofluorocarbon refrigerants.

Liquid and Sludge Solidification Processing Unit

62. Operations must be in accordance with Attachment 1, Part III and the following conditions.

63. Approval for Operation was for a one-year period beginning March 28, 2006. The solidification process shall be reviewed on an annual basis. The facility must 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.
64. Records of the following, at a minimum, must 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 must be kept in the facility operating record and made available to the Section on request.
65. Liquid and sludge waste must be processed within 24 hours of receipt. Drums may be stored for 24 hours before processing. Liquid waste must not be stored, unprocessed, over the weekend.
66. Bulking agents must be stored on an impervious surface. Dust and leachate formation must be prevented.
67. Petroleum contaminated soils must not be used as bulking agents.
68. All liquids, sludge and bulking agents must be weighed and reported as solid waste for purposes of the Solid Waste Annual Report reporting requirements.
69. Spills must be cleaned up immediately.
70. No odors, vectors or nuisances are allowed in the processing area.
71. 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.

Public Drop-off Area

72. The landfill unit shall conform to all operating requirements described in the approved plans, 15A NCAC 13B .1626, and the conditions specified herein.
73. Each received waste must be temporarily stored in the designated containers in accordance with the waste types. A proper distance between waste containers and/or roll-off boxes must be maintained for inspection, firefighting, and container removal.

- End of Section –

ATTACHMENT 4
CONDITIONS OF PERMIT FOR CLOSURE

PART I: GENERAL FACILITY
Not Applicable

PART II: MUNICIPAL SOLID WASTE LANDFILL UNIT(S)
Not Applicable

PART III: CONSTRUCTION AND DEMOLITION DEBRIS LANDFILL UNIT(S)
Not Applicable

PART IV: INDUSTRIAL LANDFILL UNIT(S)
Not Applicable

PART V: LAND CLEARING AND INERT DEBRIS LANDFILL UNIT(S)
Not Applicable

PART VI: TRANSFER STATION/TREATMENT & PROCESSING UNIT(S)
Not Applicable

PART VII: MISCELLANEOUS SOLID WASTE MANAGEMENT
Not Applicable

- End of Conditions –