



**FACILITY COMPLIANCE AUDIT REPORT**  
**Division of Waste Management**  
**Solid Waste Section**

UNIT TYPE:											
Lined MSWLF	<b>X</b>	LCID		YW		Transfer		Compost		SLAS	<b>COUNTY: Bertie</b> <b>PERMIT NO. 08-03</b> <b>FILE TYPE: COMPLIANCE</b>
Closed MSWLF		HHW		White goods	<b>X</b>	Incin		T&P		FIRM	
CDLF		Tire T&P / Collection	<b>X</b>	Tire Monofill		Industrial Landfill		DEMO		SDTF	

Date of Audit: August 27, 2009.Date of Last Audit: November 2, 2007**FACILITY NAME AND ADDRESS:**

East Carolina Environmental  
 1922 Republican Road  
 Aulander, NC 27805

**GPS COORDINATES:**N: 36 07.205W : 077 04.058**FACILITY CONTACT NAME AND PHONE NUMBER:**

Charles A. Forth (252)-348-3322

**FACILITY CONTACT ADDRESS:**

Charles A. Forth, General Manager  
 Republic Services of North Carolina, LLC  
 1922 Republican Road  
 Aulander, NC 27805

**AUDIT PARTICIPANTS:**

Dennis Shackelford, Solid Waste Section  
 Wes Hare, Solid Waste Section  
 Charles A. Forth, General Manager  
 Tammy Mitchell, Office Manager  
 Mitch Hoggard, Operations Manager  
 Lucas Norris, Special Waste

**STATUS OF PERMIT:**

Original permit to operate issued August 8, 1993  
 Permit to operate re-issued June 18, 2008 (Phase 4 Cell 12)  
 Permit expires June 15, 2011

**PURPOSE OF AUDIT:**

Comprehensive Audit

**NOTICE OF VIOLATION:**

None

You are hereby advised that, pursuant to N.C.G.S. 130A-22, an administrative penalty of up to \$15,000 per day may be assessed for each violation of the Solid Waste Statute or Regulations. If the violation(s) noted here continue, you may be subject to enforcement actions including penalties, injunction from operation of a solid waste management facility or a solid waste collection service and any such further relief as may be necessary to achieve compliance with the North Carolina Solid Waste Management Act and Rules.

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**STATUS OF PAST NOTED VIOLATIONS**

None

**AREAS OF CONCERN AND COMMENTS:**

1. The permit, operations plans and site drawings were available for review and presented in an orderly manner.
2. The service area for the facility is North Carolina.
3. The hours of operation are Monday thru Friday, 7:00 - 5:00 and Saturday 7:00 – 2:00.
4. The signs at the facility entrance are according to permit.
5. The facility is currently permitted to operate in phase 1-4, cells 1-12.
6. The permit to construct dated February 09, 2009 has been issued for Phase 5 cells 13 and 14. Clearing and grubbing operations were underway during the facility audit.
7. The average tons received on a daily basis is 4000 tons. The operator noted that the tonnage has gone up due to waste soil being disposed of from a local project that is underway. The average is normally around 1800 tons per day.
8. The facility is currently accepting waste into cell 12.
9. The total facility gross volume is 24,200,000 cubic yards.
10. The financial assurance document was provided dated March 4, 2009 in the amount of \$7,464,292.40.
11. The facility is permitted to co-dispose of waste water treatment sludge.
12. Tires are accepted into covered trailers.
13. White goods are accepted at the facility. The white goods, containing Freon, need to be properly handled until the Freon is removed. Operators need to handle without damaging the unit. Stateline is the contractor extracting Freon and hauling to markets.
14. There are 17 employees currently working at the facility.
15. The certified personal are as follows:

**Charles A. Forth** – MOLO issued June 26, 2009

**Todd Frazier** – Certified Landfill Operator expires March 12, 2010

**Reginald Bazemore** - Certified Landfill Operator expires February 3, 2010

**Edward Baggett** - Certified Landfill Operator expires March 26, 2011

**Mitch Hoggard** - Certified Landfill Operator expires June 15, 2010

16. The contingency plan or emergency action plan was reviewed. The plan was posted in the employee break room.
17. The employees are required to go through training to properly identify hazardous waste.
18. The certificate of plan approval was posted from the Division of Land Resources and NPDES records are being kept.

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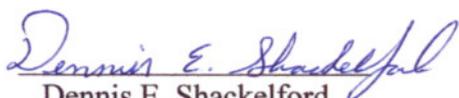
19. The waste screening records were reviewed and more than 1% is being screened.
20. The facility is approved for recirculation of leachate. The leachate recirculation records were reviewed.
21. The leachate is being sampled semi-annual as required.
22. The leachate clean outs are checked for methane at sump stations 1 – 6.
23. Leachate line maintenance is being conducted on cells 1 and 2 and is scheduled for cells 3 and 4.
24. Weekly leachate system records were reviewed and are being conducted at all sumps, tanks, containment areas and manholes to ensure that no leaks of the system exist.
25. The two leachate tanks were reviewed. The facility has a 200,000 gallon and 250,000 gallon.
26. The methane monitoring records were reviewed and are being conducted on MW#1 through MW#11 and all of the facility buildings. Methane monitoring is being conducted by Carlson Environment Consultants, Inc.
27. The ground water monitoring records were reviewed and are being conducted quarterly as required. Wells currently being monitoring are GW-2, 7, 8, 9, 10, 11, 13, 14, 15, 16R and 17. Monitoring is being conducted by Golder Associates North Carolina, Inc.
28. The monitoring wells were reviewed. All of the monitoring wells were easily accessible, properly labeled and locked.
29. Waste determination records were reviewed and are being updated annually.
30. Asbestos waste is being accepted at the facility and is being handled properly.
31. The facility is approved to use tarps and petroleum contaminated soils as an alternative daily cover.
32. The solidification pit was reviewed. The area needs to be cleaned on a daily basis. Spillage outside the pit, onto the concrete pad, needs to be cleaned up daily.
33. The wind blown paper was minimal. The fencing placed around the perimeter of the landfill has assisted greatly in the management of the litter.
34. The soil sedimentation and erosion control measures were reviewed and no off-site sedimentation was noted. A ground cover sufficient to restrain erosion needs to be provided on all of the disturbed areas. The provisions for ground cover need to be installed within 30 days of grading activities.
35. The area on top of the landfill needs some attention concerning grading activities and vegetative cover. I would recommend regarding this area and planting a temporary grass as a minimum.
36. The ditches that were cleaned need to be graded no steeper than a 2:1 slope and provided with adequate ground cover. I would recommend reminding staff that no vertical side slopes should remain after grading activities. Side slopes, on the landfill, should be no steeper than a 3:1 slope and any other graded area no steeper than a 2:1 slope.
37. Please be advised that the requirements for a ground cover sufficient to restrain erosion are not met until the provisions for ground cover have been installed such as seeding and mulching.
38. The facility has install air fresheners at the gate entrance and at the working face.
39. A facility shut down audit was performed to review the alternative cover and the placement of soil on the working face. The MSW was properly covered at shut down.
40. Digital photos were taken during the Audit.

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41. The facility is being maintained and managed well. Good Job!

Please contact me if you have any questions or concerns regarding this audit report



Dennis E. Shackelford  
Eastern District Supervisor  
Solid Waste Section

Phone: 910-433-3349

Delivered on : <u>September 07, 2009</u> by		hand delivery	x	E - Mail		Certified No. [ ]
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**CC: Mark Poindexter, Field Operations Branch Head**  
**Ben Barnes, Environmental Senior Specialist**  
**Wes Hare, Environmental Senior Specialist**  
**Donald Herndon, Compliance Officer**  
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