



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

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

**Date of Site Inspection:** February 5, 2013

**Date of Last Inspection:** November 15, 2011

**FACILITY NAME AND ADDRESS:**

East Carolina Environmental  
 1922 Republican Road  
 Aulander, North Carolina 27805

**GPS COORDINATES:** N: 36.07205                      E: 077.040508

**FACILITY CONTACT NAME AND PHONE NUMBER:**

Name: Mitch Hoggard Matthew East  
 Telephone: 252 348 3322 office, 252 325 1517 cell  
 Email address: mitch.hoggard@republicservices.com  
 Fax: 252 848 3395

**FACILITY CONTACT ADDRESS:**

Republic Services of North Carolina, LLC  
 1922 Republican Road  
 Aulander, North Carolina 27805

**PARTICIPANTS:**

Ben Barnes, NCDENR Solid Waste Section  
 Matthew East, Facility Manager  
 Mitch Hoggard, Operations Supervisor

**STATUS OF PERMIT:**

Original PTO issued August 8, 1993, PTO for the continued operation of Phases I II III and IV and cells 1 through 12 was issued June 16, 2011 and expires on June 16, 2016. On or before December 16, 2015 documents must be submitted to the Division for the renewal of the permit.

**PURPOSE OF SITE VISIT:**

Comprehensive inspection

**STATUS OF PAST NOTED VIOLATIONS:**

NONE

**OBSERVED VIOLATIONS**

NONE

The item(s) listed above were observed by Section staff and require action on behalf of the facility in order to come into or maintain compliance with the Statutes, Rules, and/or other regulatory requirements applicable to this facility. Be 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 Laws, Regulations, Conditions of a Permit, or Order under Article 9 of Chapter 130A of the N.C. General Statutes. Further, the facility and/or all responsible parties 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.

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

Page 2 of 5

**ADDITIONAL COMMENTS**

- 1) The facility is owned by Republic Services of North Carolina LLC DBA as East Carolina Environmental.
- 2) The permit, operations plan and drawings were available for review.
- 3) The operating hours are MF 7:00AM-5:00PM and Saturday 7:00AM-2:00PM.
- 4) The service area is all counties and municipalities within the state of North Carolina.
- 5) Signs at the entrance are consistent with permit and rule requirements.
- 6) East Carolina is currently receiving 1800 TPD. Waste is being accepted in Phase 4 cell 12. Cell 13 is under construction by Glover Construction. The total approved gross volume that can be accepted is 24,000,000 cu yds.
- 7) The facility is permitted to receive 1600 TPD based on 365 day year.
- 8) Edge of waste markers are in place and are identified.
- 9) The certifications include: Archie Rush CLOS 6/22/15, Matthew East CLM 9/17/13, Marsha Goodwin CLOS 6/22/15, Mitch Hoggard CLM 6/15/13.
- 10) The latest Financial Assurance was dated 5/10/12, guaranteed by Travelers Casualty and Surety Co.
- 11) Debris from Hurricane Irene is still on site, plans are for Glover Const. to ground the waste.
- 12) Leachate flows by gravity to a leachate penetration assembly and leaves the lined landfill via gravity to a leachate sump where it is pumped through a force main into a leachate manhole located west of cell 11. From there via gravity mains to existing leachate pumping stations two storage tanks. One 250,000 gallon and one 162,000 gallon.
- 13) The leachate lines are cleaned out annually according to Matthew East, the Ops Plan specifies every 5 years.
- 14) Leachate is being recirculated by spraying over the working face.
- 15) Gunn and Pump Control are currently conducting semi-annual maintenance and inspections of the leachate pumps, this may be changed to Sligo.
- 16) Leachate sampling is being done monthly.
- 17) Leachate tank logs include: level, gallons, available gallons, secondary containment, rain amounts, low and high temperature and are kept daily. The Ops Plan specifies weekly, totals can be tabulated if necessary.
- 18) Leachate tanks are being inspected weekly and within 24 hours of a storm event. A log of these inspections is being kept.
- 19) On April 18<sup>th</sup> the Section received a letter from Hodges, Harbin, Newberry & Trimble re a Leachate Evaporation System Demonstration Project. This project is to be located on the top of cells 7 through cell 12. This demonstration project was approved and this was memorialized in a letter from the Section dated April 19, 2012. This demonstration project was for 180 days. A request for extension was granted by the Division for the project on October 17, 2012 the project not having been started. The project has still not started as of the date of this inspection but Matt East has indicated that AEG has ordered the necessary equipment.  
**Remember to notify John Murray and me prior to starting the project. It is also advisable to request a second extension once a startup date for the demonstration project has been finalized.**
- 20) The working face is fairly large and located at the edge of the slope making control of blown waste difficult.
- 21) The facility has extensive wind screens/fences but repairs are needed in some of these. **Blown waste was observed on the North side of the landfill. East indicated that Bull Fences have been ordered and should arrive within 2 weeks.**
- 22) Methane wells #1 through #11 are being monitored quarterly as required by American Environmental Group LTD (AEG).
- 23) Buildings are being monitored for methane by AEG, records were kept by the consultant but were not on site. They were sent while I was on site.
- 24) Flairs are monitored monthly and records kept as required.
- 25) Waste screenings are being conducted as required in the permit and records are being kept.
- 26) The facility is permitted to receive sludges which are comingled with MSW once solidified. East indicated that the landfill does not receive much sludge, the solidification unit was locked during the time of this inspection. The solidification process is monitored annually. Records include waste material description, solidification agents utilized, waste determination records, tons of waste and solidification agents disposed,

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

Page 3 of 5

date and time of receipt of liquid or sludge waste, date and time of solidification. Liquid and sludge waste is processed within 24 hours of receipt.

- 27) White goods are stored on a concrete pad Freon containing white goods are marked and stacked neatly to prevent damage and leaking. Liverman's Metal Recycling, Kelford, NC is handling the Freon removal and records.
- 28) Tires are being stored in trailers and records look good.
- 29) ACM's include Posi Shell, PCS Tarps, and Petroleum Contaminated Soil. Not much PCS is being received. ASR is currently under review but little has been received. Sage mulch is not being used for ACM anymore.
- 30) Asbestos is placed in the toe of a slope, the location and elevation are located by GPS and this information is logged. The asbestos is then covered immediately.
- 31) Ground water monitoring records were reviewed and were in order. The wells being monitored were GW 2,7,8,9,10,11,13,14,15,16R and 17. Monitoring is being conducted by AEG.
- 32) There is a convenience site inside the permitted boundary for citizens to dump waste and recyclables.
- 33) The surrounding grounds of the facility need some cleaning.

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

*Ben Barnes*

Phone: 252 236 4453 email: [ben.barnes@ncdenr.gov](mailto:ben.barnes@ncdenr.gov)

*Ben Barnes*  
 Environmental Senior Specialist  
**Regional Representative**

Sent on: February 26, 2013	X	Email		Hand delivery		US Mail	Certified No. [ ]
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cc: Dennis Shackelford, Eastern District Supervisor  
 Jessica Montie, Compliance Officer



Sign at entrance

FACILITY COMPLIANCE INSPECTION REPORT  
Division of Waste Management  
Solid Waste Section

Page 4 of 5



Flares



Leachate storage tanks



Waste from Hurricane Irene, to be ground

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

Page 5 of 5



White goods staging area



Part of the working face



Blown waste below working face