



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

**UNIT TYPE:**

Lined MSWLF		LCID		YW		Transfer		Compost		SLAS		<b>COUNTY: HALIFAX</b> <b>PERMIT NO.: CCB 0002 Permit Not Required</b> <b>FILE TYPE: COMPLIANCE</b>
Closed MSWLF		HHW		White goods		Incin		T&P		FIRM		
CDFL		Tire T&P / Collection		Tire Monofill		Industrial Landfill		DEMO		SDF		

**Date of Audit:** January 6, 2010**Date of Last Audit:** Initial Audit**FACILITY NAME AND ADDRESS:**

Wayne Long Mini Storage  
Hwy 125  
Halifax, NC 27839

**GPS COORDINATES:** N: 36.33899W: 77.60147**FACILITY CONTACT NAME AND PHONE NUMBER:**

Wayne Long, 252-593-2080

**FACILITY CONTACT ADDRESS:**

Wayne Long  
7474 Hwy 125  
Halifax, NC 27839

**AUDIT PARTICIPANTS:**

Mary Whaley, NC DENR, Solid Waste  
Ben Barnes, NC DENR, Solid Waste

**STATUS OF PERMIT:**

Permit Not Required

**PURPOSE OF AUDIT:**

Comprehensive Audit

**NOTICE OF VIOLATION(S):****15A NCAC 13B .1705 DESIGN, CONSTRUCTION, AND OPERATION FOR STRUCTURAL FILL FACILITIES**

(a) *The structural fill facility must be designed, constructed, operated, closed, and maintained in such a manner as to minimize the potential for harmful release of constituents of coal combustion by-products to the environment or create a nuisance to the public.*

(b) *Coal combustion by-products shall be collected and transported in a manner that will prevent nuisances and hazards to public health and safety. Coal combustion by-products shall be moisture conditioned, as necessary, and transported in covered trucks to prevent dusting.*

There have been several complaints regarding the trucks carrying the coal ash, in that they are not being kept covered and coal ash is getting on the road and on the public's cars. Insure that all trucks are covered before and after dumping occurs. **If any more complaints are received, Compliance action will be looked at.**

# FACILITY COMPLIANCE AUDIT REPORT

## Division of Waste Management

### Solid Waste Section

Page 2 of 2

(e) The coal combustion by-product structural fill facility shall be effectively maintained and operated as a non-discharge system to prevent discharge to surface water resulting from the operation of the facility.

(f) The coal combustion by-product structural fill facility shall be effectively maintained and operated to ensure no violations of ground water standards, 15A NCAC 2L.

(g) Surface waters resulting from precipitation shall be diverted away from the active coal combustion by-product placement area during filling and construction activity.

#### **15A NCAC 13B .1704 SITING FOR STRUCTURAL FILL FACILITIES**

(a) Coal combustion by-products used as a structural fill shall not be placed:

(2) Within 50 horizontal feet of the top of the bank of a perennial stream or other surface water body.

Coal ash has been placed up to and in the water in the sediment basins. At the north end of the site, there is a drainage ditch with water in it and it goes right up to the piled coal ash. This area to the north of the existing ash is possibly going to be filled. **Make sure all coal ash is kept a minimum of 50 feet from any standing water. You have thirty days from receipt of this Notice of Violation to make these corrections.**

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. For the violation(s) noted here, 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.

#### **STATUS OF PAST NOTED VIOLATIONS:**

NONE

#### **AREAS OF CONCERN AND COMMENTS:**

1. On October 22, 2008, the Solid Waste Section issued a letter stating that the documentation necessary for a notification had been received. It stated that the approximate 11.52 acre project could start accepting the ash.
2. The coal ash is from Roanoke Valley Energy, Glen Outland-contact, P.O. Box 351, Weldon, NC 27890.
3. Plumblin Engineering Corp., P.A., 121 Washington Ave., Weldon, NC 27890, is the engineering firm as well as the contractor for the project.
4. It was proposed that there would be 111,524 cubic yards of coal ash brought to the site.
5. It was estimated that the project would be completed by December 30, 2009. The project is still taking in ash at this time.
6. The projected use of the property is as a structural fill, to construct a building pad for a mini storage facility.
7. It is not known if the ash is being kept within the submitted foot print of the site, as there are no edge of waste markers.
8. All structural fills shall be covered with a minimum of 12 inches compacted earth, and an additional surface six inches of soil capable of supporting native plant growth.
9. Coal combustion by-products utilized on an exterior slope of a structural fill shall not be placed with a slope greater than 3.0 horizontal to 1.0 vertical.
10. Coal combustion by-products used as a structural fill shall not be placed within 25 feet of any property boundary.
11. Paperwork must be submitted to Raleigh if ash is proposed to be put in the cover soil borrow area.

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



Mary Whaley  
Environmental Senior Specialist  
*Regional Representative*

Phone: 919-693-5023

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

Delivered on : <u>January 21, 2010</u> by		Hand delivery		US Mail	X	Certified No. [70072680000179956647]
---	--	---------------	--	---------	---	---

cc: Mark Poindexter, Field Operations Branch Supervisor  
Dennis Shackelford, Eastern District Supervisor  
Donald Herndon, Compliance Officer  
Shawn McKee, Compliance Officer  
E.B. Grant, Plumblin Engineering Corp., P.A.  
Glen Outland, Roanoke Valley Energy



Drainage ditch at the northern end with coal ash in the water.



One of the sediment basins with ash in the water



Sediment basin with ash in the water



Another view of the ash in the water

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

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