



FACILITY COMPLIANCE AUDIT REPORT
Division of Waste Management
Solid Waste Section

UNIT TYPE: Structural Fill/CCB

Structural Fill	X		Active		Certified Closure															COUNTY: IREDELL
Permitted Site Y/N	N		Inactive																	PERMIT NO.: CCB0047
Notified Site Y/N	Y		Recorded Y/N	Y																FILE TYPE: COMPLIANCE

Date of Audit: December 23, 2009

Date of Last Audit: N/A

FACILITY NAME AND ADDRESS:

BK Barringer Lot 13
 Located off Mazzeppa Road, off Hwy 115
 Lot 13, Brevan Drive

GPS COORDINATES: **N:** 35.613693 **W:** 80.810269

CURRENT PROPERTY OWNER:

B.K. Barringer, Jr. Properties, LLC
 128 Lakefront Drive
 Mooresville, North Carolina 28117

FACILITY CONTACT ADDRESS:

Mr. B.K. Barringer, Jr., Registered Agent
 B.K. Barringer, Jr. Properties, LLC
 128 Lakefront Drive
 Mooresville, North Carolina 28117

WASTE GENERATOR/SOURCE:

Duke Power Company

STATUS OF NOTIFICATION/SITE:

Site is closed. A Certificate of Compliance was submitted by B.K Barringer, Jr., P.E., on July 10, 1996. This document was provided as evidence of compliance with all of the requirements of Solid Waste Regulation Section .1700 and specifically to meet Section .1706 concerning closure of Structural Fill Facilities, Part (d).

PURPOSE OF AUDIT:

Comprehensive

NOTICE OF VIOLATION(S):

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. 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.

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AREAS OF CONCERN AND COMMENTS:

1. Historical Information
 - a. Estimated Fill Volume = 9,500 cubic yards fly ash
 - b. Proposed End Use: develop property for marketing
 - c. Facility Information:
2. Location Description/Directions



Google Earth 12/17/09

3. Current Use: Lot is currently vacant, but stabilized with good groundcover.
4. Waste Limit Siting Requirements:

Status	Requirements	Comments
	50 feet from surface water	Unable to determine exact limits of coal combustion by products (CCB). A Certificate of Compliance submitted by B. K. Barringer, Jr., P.E., on July 10, 1996 indicates that all placement of CCB was in compliance with all requirements of Section .1700.
	2-feet above seasonal groundwater	Unable to determine. Certificate of Compliance submitted by B. K. Barringer, Jr., P.E., on July 10, 1996 indicates that all placement of CCB was in compliance with all requirements of Section .1700.
	100 feet from drinking water sources	Unable to determine limits of CCB. Certificate of Compliance submitted by B. K. Barringer, Jr., P.E., on December 1, 1995 indicates that all placement of CCB was in compliance with all requirements of Section .1700.
	w/in 100 year flood plain	Site is not located within a 100-year floodplain.
	25 feet from property line	Multiple consecutive lots were filled with CCB at the same time.

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5. Discussion of Closure Requirements:

Status	Requirements	Comments
	Minimize erosion of cover materials/cap	No erosion of cover material or cap was observed.
	Minimize infiltration and ponding	No ponding was observed.
	Other erosion control measures	Site no longer active. No longer applicable.
	No migration of CCB off-site	No migration of CCB observed.

6. Construction, Design, and Operation Requirements:

Status	Requirements	Comments
	Discharge to surface water	No discharge of CCB into surface waters was observed.
	Surface water diversion from active fill areas	Site no longer active. No longer applicable.
	Dust control measures	Site no longer active. No longer applicable.
	18" soil cover on inactive fill areas	Unable to determine thickness of cover. Certificate of Compliance submitted by B. K. Barringer, Jr., P.E., on July 10, 1996 indicates that all placement of CCB was in compliance with all requirements of Section .1700.
	Maximum slope 3:1	Certificate of Compliance submitted by B. K. Barringer, Jr., P.E., on July 10, 1996 indicates that all placement of CCB was in compliance with all requirements of Section .1700. At time of inspection, slopes appeared to be steeper than 3:1.

7. Final comments/photos Here

- a. As noted above, site is currently a vacant lot with good vegetative groundcover.
- b. Use of coal combustion by-products as structural fill on this property was recorded with the Iredell County Register of Deeds as required by 15A NCAC 13B .1707(a) – (d).

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



 (name)
 Environmental Senior Specialist
Regional Representative

Phone: (704) 235-2144

Delivered on : <u>4/26/10</u> by		Hand delivery	<input checked="" type="checkbox"/>	US Mail		Certified No. <u> </u>
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cc: Mark Poindexter, Field Operations Branch Supervisor
 Deb Aja, Western District Supervisor