

FACILITY COMPLIANCE AUDIT REPORT
Division of Waste Management
Solid Waste Section

AREAS OF CONCERN AND COMMENTS:

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



Google Earth 12/17/09

3. Current Use: The property has been developed and has been stabilized with vegetation, asphalt and buildings.
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 December 1, 1995 indicates that all placement of CCB was in compliance with all requirements of Section .1700. However, Iredell County GIS indicates that a stream was once located on lot #5. Inspection found an apparent stream emerging from a from a pipe located at the toe of the slope at the southeast corner of the building at lot #5.
	2-feet above seasonal groundwater	Unable to determine. 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.
	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	Other erosion control measures	Site no longer active. No longer applicable.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 was observed.

6. Construction, Design, and Operation Requirements:

Status	Requirements	Comments
	Discharge to surface water	No discharge of CCB to surface water 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	Surface water diversion from active fill areas	Site no longer active. No longer applicable.
	Dust control measures	Site no longer active. No longer applicable.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 December 1, 1995 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 December 1, 1995 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, this site has been stabilized with vegetation, asphalt and buildings.
- 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).
- c. Iredell GIS indicates that a stream was once located on lot #5. An apparent stream was observed emerging from a pipe located at the toe of the slope at the southeast corner of the building at lot #5. **Within 30 days of this audit report, B.K. Barringer Jr. Properties, LLC must submit documentation showing that prior approval was obtained to place coal combustion by-products over a stream.**

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



Charles T. Gerstell
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. []
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cc: Mark Poindexter, Field Operations Branch Supervisor
Deb Aja, Western District Supervisor