



FACILITY COMPLIANCE AUDIT REPORT
Division of Waste Management
Solid Waste Section

UNIT TYPE: Structural Fill/CCB

Structural Fill	X		Active		Certified Closure	Y					COUNTY: IREDELL PERMIT NO.: CCB0038 FILE TYPE: COMPLIANCE
Permitted Site Y/N	N		Inactive	X							
Notified Site Y/N	Y		Recorded Y/N	Y							

Date of Audit: December 22, 2009

Date of Last Audit: N/A

FACILITY NAME AND ADDRESS:

Lake Norman Airport – Lot #1
 Located on Yeager Rd off SR1494

GPS COORDINATES: N: 35.609162 W: 80.894984

CURRENT PROPERTY OWNER:

14 Alpha Inc.
 13420 Reese Blvd W.
 Huntersville, NC 28078

FACILITY CONTACT ADDRESS:

Mr. Peter Daetwyler, Registered Agent
 14 Alpha, Inc.
 13420 Reese Boulevard, West
 Huntersville, North Carolina 28078

WASTE GENERATOR/SOURCE:

Duke Power Company

STATUS OF NOTIFICATION/SITE:

Site is closed. A letter of certified closure was submitted by Don Allen Associates, PA on December 6, 1995. 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 = 8,000 cubic yards fly ash
 - b. Proposed End Use: airport expansion
 - c. Facility Information: also referred to as Lot 1 Lake Norman Airport
2. Location Description/Directions



Google Earth 12/17/09

3. Current Use: Area is currently paved and used as a staging/parking area for airplanes.
4. Waste Limit Siting Requirements:

Status	Requirements	Comments
	50 feet from surface water	Unable to determine exact limits of coal combustion by-products (CCB). However, a letter from Don Allen & Associates, PA dated August 9, 1995 indicates that all placement of CCB was in compliance with all requirements of Section .1700.
	2-feet above seasonal groundwater	Unable to determine. Letter from Don Allen & Associates, PA dated August 9, 1995 indicates that all placement of CCB was in compliance with all requirements of Section .1700.
	100 feet from drinking water sources	No wells were discussed in the closure letter from Don Allen & Associates, PA. However, a well was observed in front of building 129.
	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 is 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. Letter from Don Allen & Associates, PA dated August 9, 1995 indicates that all placement of CCB was in compliance with all requirements of Section .1700.
	Maximum slope 3:1	Letter from Don Allen & Associates, PA dated August 9, 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, site has been stabilized with vegetation and asphalt. Fill area is currently used as a staging/parking area for airplanes.
- b. Placement of conditioned ash 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.



 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