



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

**UNIT TYPE: Structural Fill/CCB**

Structural Fill	<b>X</b>		Active		Certified Closure	<b>Y</b>						<b>COUNTY: IREDELL</b> <b>PERMIT NO.: CCB0040</b> <b>FILE TYPE: COMPLIANCE</b>
Permitted Site Y/N	<b>N</b>		Inactive	<b>X</b>								
Notified Site Y/N	<b>Y</b>		Recorded Y/N	<b>Y</b>								

**Date of Audit:** December 22, 2009

**Date of Last Audit:** N/A

**FACILITY NAME AND ADDRESS:**

Lake Norman Airport – Lot #3  
 #123/#125 Yeager Road, Mooresville, NC

**GPS COORDINATES:** N: 35.609668 W: 80.895692

**CURRENT PROPERTY OWNER:**

JDK Motorsports Inc.  
 9900 Hillhaven Circle  
 Anchorage, Alaska 99507

**FACILITY CONTACT ADDRESS:**

Mr. Jerry M. Kinn, Registered Agent  
 JDK Motorsports, Inc.  
 9900 Hillhaven Circle  
 Anchorage, Alaska 99507

**WASTE GENERATOR/SOURCE:**

Duke Power Company

**STATUS OF NOTIFICATION/SITE:**

Site is closed. 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 = 10,000 cubic yards fly ash
  - b. Proposed End Use: airport expansion
  - c. Facility Information:
2. Location Description/Directions



Google Earth 12/17/09

3. Current Use: Site is stabilized with concrete and a hangar for planes.
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	Some significant erosion was observed at a slope drain installed over the slope south of the hangar. No CCB was visible within the eroded area.
	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	

7. Final comments:

- a. As stated above, the site has been stabilized with concrete and a hangar for storage of planes.
- 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).
- c. As noted above, significant erosion of soil was observed on the fill slope behind the airplane hangar. It appeared that this erosion resulted from the construction of a slope drain that was not functioning properly. All erosion must be repaired and stabilized with a groundcover sufficient to restrain erosion.

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

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cc: Mark Poindexter, Field Operations Branch Supervisor  
 Deb Aja, Western District Supervisor