



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

**UNIT TYPE:**

Lined MSWLF		LCID		YW		Transfer		Compost		SLAS		<b>COUNTY: Catawba</b> <b>PERMIT NO.: CCB0030</b> <b>FILE TYPE: COMPLIANCE</b>
Closed MSWLF		HHW		White goods		Incineration		T&P		FIRM		
CDLF		Tire T&P / Collection		Tire Monofill		Industrial Landfill		DEMO		SDTF		

**Date of Site Inspection:** July 16, 2015

**Date of Last Inspection:** Initial

**FACILITY NAME AND ADDRESS:**

Duke Energy Carolinas, LLC  
 Marshall Steam Station – Access Road  
 8320 East NC Highway 150  
 Terrell, North Carolina 28682

**GPS COORDINATES:** N: 35.608114 W: -80.978414

**FACILITY CONTACT NAME AND PHONE NUMBER:**

Tim Russell, 828-478-7622, [Tim.Russell2@duke-energy.com](mailto:Tim.Russell2@duke-energy.com)

Kim Hutchinson, 336-215-4576, [Kim.Hutchinson@duke-energy.com](mailto:Kim.Hutchinson@duke-energy.com)

**FACILITY CONTACT ADDRESS:**

Same as above

**PARTICIPANTS:**

- Kim Hutchinson, PE – Duke Energy
- Kyle Baucom – Duke Energy
- Tim Russell – Duke Energy
- Margie Barnes – Duke Energy
- Chris Randazzo – Duke Energy
- Tyler DuBose – Duke Energy
- Scott LaSalla – Duke Energy
- Shawn McKee – NCDENR, Solid Waste Section
- Larry Frost – NCDENR, Solid Waste Section
- Elizabeth Werner – NCDENR, Solid Waste Section
- Deb Aja – NCDENR, Solid Waste Section
- Shannon Aufman – NCDENR, Solid Waste Section

**STATUS OF PERMIT:**

Not required - Coal Combustion By-products Structural Fill constructed per 15A NCAC 13B .1700 Solid Waste Rules

**PURPOSE OF SITE VISIT:**

Comprehensive inspection to ensure that the Structural Fill Facility is in compliance with 15A North Carolina Administration Code (NCAC) 13B. 1700, “Requirements For Beneficial Use Of Coal Combustion By-Products.”

**STATUS OF PAST NOTED VIOLATIONS:**

None.

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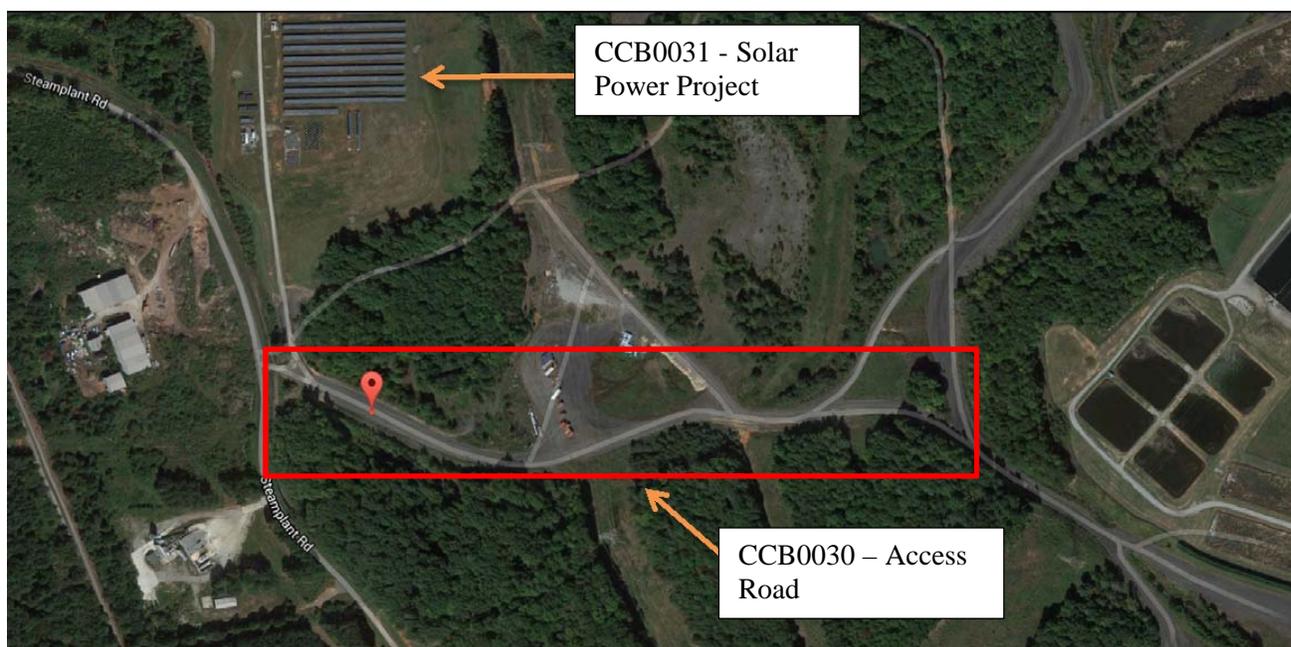
**OBSERVED VIOLATIONS**

None.

The item(s) listed above were observed by Section staff and require action on behalf of the facility in order to come into or maintain compliance with the Statutes, Rules, and/or other regulatory requirements applicable to this facility. Be 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 Laws, Regulations, Conditions of a Permit, or Order under Article 9 of Chapter 130A of the N.C. General Statutes. Further, the facility and/or all responsible parties may also 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.

**ADDITIONAL COMMENTS**

1. The Duke Energy Corporation - Marshall Steam Station completed construction of a structural fill project in early 1998. This structural fill is located on the facility property, approximately 650 feet north of the FGD Residue Landfill (Permit #18-09) and 500 feet south of CCB0031 - Marshall Steam Station - Solar Power Project.
2. On August 25, 1997, the Solid Waste Section received the written structural fill notification from Duke Power Company. The projected timeline for construction of the structural fill was September 1, 1997 to January 1, 1998. The stated purpose of the structural fill is a service road on the plant site within the ash basin area.
3. According to the "Structural Fill Closure Requirement & Recordation", dated July 8, 1999, 127,982 cubic yards or 106,652 tons of silo ash were used in the project.
4. Per the requirements of 15A NCAC 13B .1707, the structural fill has been recorded on the property deed.
5. The access road was being well maintained at the time of the inspection. No erosion or ponded water was observed during the inspection. Water trucks are used to control dust as needed; a water truck was observed wetting the roadway during the inspection.



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6. The structural fill is currently being used for its notified purpose. In the future if the structural fill is no longer utilized for its intended purpose as an access roadway, per the requirements of 15A NCAC 13B .1705(j), the structural fill shall be covered with a minimum of 12-inches compacted earth and an additional 6-inches of surface soil capable of supporting native vegetation.

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



Phone: 919-707-8284

Environmental Senior Specialist  
***Regional Representative***

<b>Sent on:</b> August 27, 2015		Email: X		Hand delivery		US Mail		Certified No. [ ]
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- Copies:
- Ellen Lorscheider, Section Chief, Solid Waste Section
  - Ed Mussler, Permitting Branch Head, Solid Waste Section
  - Jason Watkins, Field Operations Branch Head, Solid Waste Section
  - Deb Aja, Western District Supervisor, Solid Waste Section
  - Elizabeth Werner, Permitting Hydrogeologist, Solid Waste Section
  - Shannon Aufman, Permitting Engineer, Solid Waste Section
  - Larry Frost, Engineering Project Manager, Solid Waste Section
  - Jessica Montie, Compliance Officer, Solid Waste Section