



FACILITY COMPLIANCE INSPECTION REPORT
Division of Waste Management
Solid Waste Section

Table with columns for Unit Type (Lined MSWLF, Closed MSWLF, CDLF) and rows for various waste types (LCID, HHW, Tire T&P / Collection, YW, White goods, Tire Monofill, Transfer, Incin, Industrial Landfill, Compost, DEMO, SLAS, FIRM, SDTF). Includes County: Gaston, Permit No.: CCPSF009, File Type: COMPLIANCE.

Date of Site Inspection: June 10, 2016 Date of Last Inspection: June 16, 2015

FACILITY NAME AND ADDRESS:

Transmission Line Phases 1 & 2 (aka the Twin Sisters) and Access Roads Structural Fills
Duke Energy, Allen Steam Station
253 Plant Allen Road
Belmont, NC 28012

GPS COORDINATES: N: 35.184546 W: -81.013588

FACILITY CONTACT NAME AND PHONE NUMBER:

Randall Scott (Scott) Harris, 704-829-2629 (o), Randall.Harris@duke-energy.com

Sean DeNeale, 704-382-4761, Sean.DeNeale@duke-energy.com

FACILITY CONTACT ADDRESS:

Same as above

PARTICIPANTS:

- Shawn McKee, NCDEQ, Solid Waste Section
Elizabeth Werner, NCDEQ, Solid Waste Section
Larry Frost, NCDEQ, Solid Waste Section
Sean DeNeale, Duke Energy
Kyle Baucom, Duke Energy
Scott Harris, Duke Energy
Randy Gannt, Duke Energy
Mary Parlemon, Duke Energy

STATUS OF PERMIT:

Coal Combustion By-products Structural Fill constructed in accordance with the Allen Ash Reuse Permit #WQ0003255

PURPOSE OF SITE VISIT:

Comprehensive Inspection

STATUS OF PAST NOTED VIOLATIONS:

None.

OBSERVED VIOLATIONS:

None.



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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 transmission Line Phases 1 & 2 (aka the Twin Sisters) and Access Roads Structural Fills were constructed in accordance with the Allen Ash Reuse Permit #WQ0003255.
2. According to the reporting for the Allen Ash Reuse Permit #WQ0003255, the Duke Energy Corporation – Allen Plant Steam Station completed construction of the structural fill projects in 1995. A total of 172,722 cubic yards were utilized for these projects.

7/30/2015

Allen Plant Steam Station - Google Maps

Google **Allen Plant Steam Station**



Imagery ©2015 Google, Map data ©2015 Google 500 ft

3. The transmission Line Phases 1 & 2 (aka the Twin Sisters) are located to the west of the Retired Ash Basin (RAB) Landfill (permit # 3612-INDUS-2008). The eastern structural fill has an equipment laydown yard on the northern portion which can be used in the event of large scale mobilizations. An additional laydown yard is planned for the southern portion of the eastern structural fill. This laydown yard will be accessed by a separate access road to reduce vehicular conflicts.
4. Coal combustion by-products utilized on exterior slopes of the structural fill facility shall not have a slope greater than a 3:1 ratio as per 15A NCAC 13B .1705(1).



Waste Management
ENVIRONMENTAL QUALITY

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- 5. Final cover is being well maintained. Native vegetation is covering the tops and side slopes of the structural fills. The laydown yard area is covered in compacted stone. No erosion or ponded water was observed during the inspection.
- 6. During the inspection in June 2015, Section staff observed that a portion of station access road southwest of the station was constructed of uncovered fly ash causing vertical plumes of dust when the road was used by vehicles. The ash on this road has been covered to prevent dust. No dust was observed coming from this access road during the June 10, 2016 inspection.

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

Phone: 919-707-8284

Environmental Senior Specialist
Regional Representative

Sent on: July 29, 2016		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
 - Elizabeth Werner, Permitting Hydrogeologist, Solid Waste Section