FACILITY COMPLIANCE INSPECTION REPORT
Department of Environmental Quality
Division of Waste Management - Solid Waste Section

UNIT TYPE:												
Lined MSWLF		LCID		YW		Transfer		Compost		SLAS		COUNTY: Person
Closed MSWLF		HHW		White goods		Incin		T&P		FIRM		PERMIT NO.: CCB0065
CDLF		Tire T&P / Collection		Tire Monofill		Industrial Landfill		DEMO		SDTF		FILE TYPE: COMPLIANCE

Date of Site Inspection: August 24, 2015 **Date of Last Inspection:** Initial

FACILITY NAME AND ADDRESS:
Roxboro Plant Coal Pile Storage Pad Structural Fill
Duke Energy Progress, Inc. - Roxboro Steam Electric Plant
1700 Dunnaway Road
Semora, NC 27343

GPS COORDINATES: N: 36.486731 W: -79.071941

FACILITY CONTACT NAME AND PHONE NUMBER:
Robert E. Howard, w. 336-598-4077, c. 336-503-2875, robert.howard@duke-energy.com
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FACILITY CONTACT ADDRESS:
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1700 Dunnaway Road
Semora, NC 27343

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Robert Miller, Duke Energy
Leanne Wilson, Duke Energy

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.

OBSERVED VIOLATIONS
None.

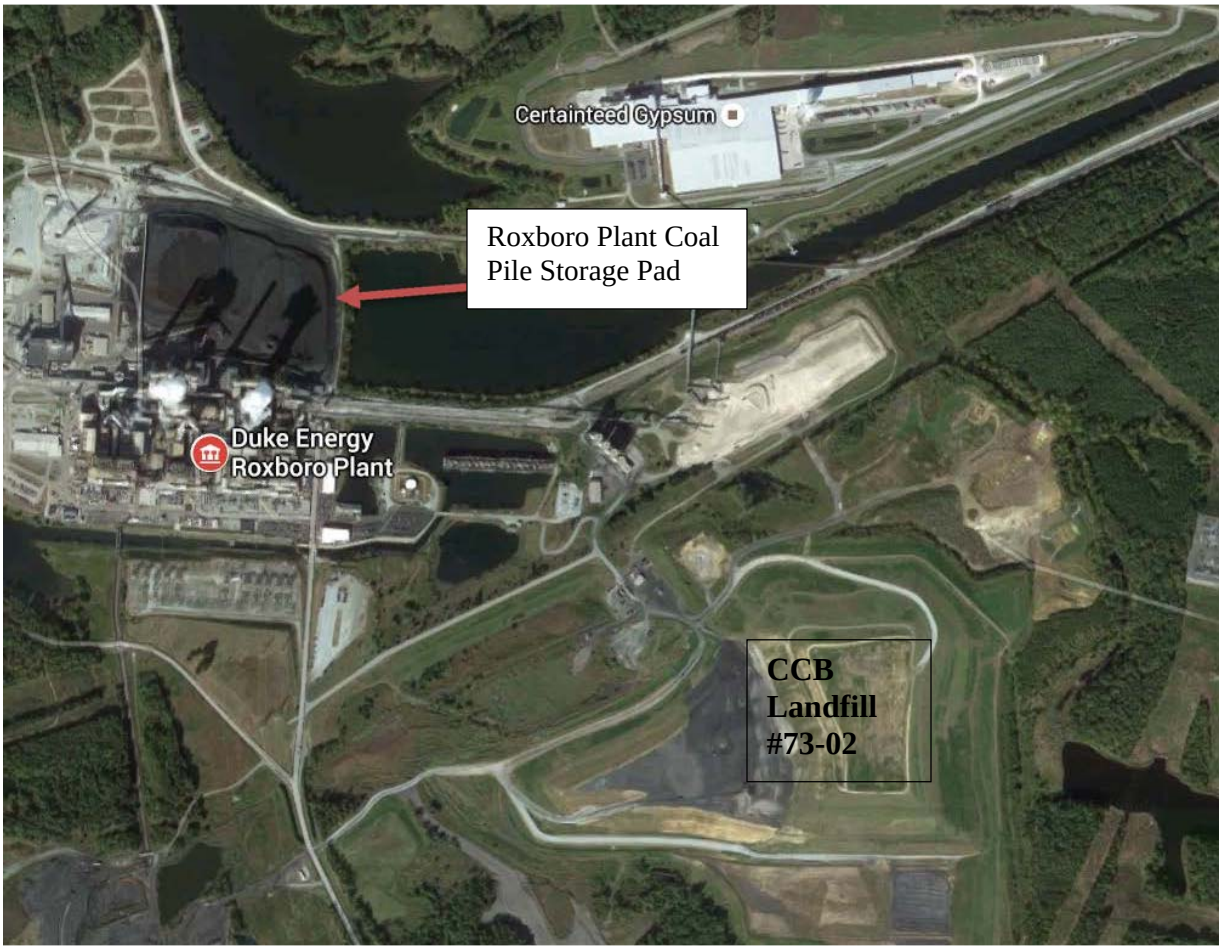
The item(s) listed above were observed by Section staff and require action on behalf of the facility in order to come into or maintain compliance with the Statutes, Rules, and/or other regulatory requirements applicable to this facility. Be advised that pursuant to N.C.G.S. 130A-22, an administrative 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

Carolina Power & Light Company, Roxboro Steam Electronic Plant, proposed construction of the structural fill project in March 1992. The structural fill material was used to expand the foundation of the existing coal pile and is located on the facility property, adjacent to the north side of the Roxboro Steam Plant.

1. On March 5, 1992 the Division of Solid Waste Management (now the Solid Waste Section Section) received the written structural fill request from Carolina Power & Light Company. The projected size of the expansion area was 18 inches by 1,000 feet by 450 feet which would utilize approximately 25,000 cubic yards of fly ash.

2. This structural fill was completed prior to the January 4, 1994 effective date of the 15A NCAC 13B .1700 Structural Fill rules. This structural fill was constructed under conditions outlined in Ash Permit No. WQ0003604. Only ash from the Roxboro Plant was to be utilized. No ash was to be placed within one foot of the season high groundwater table. Records of the activities were to be maintained by the facility.



3. The Coal Pile Storage Pad was being well maintained at the time of the inspection. No erosion or ponded water was observed during the inspection.

Northest side of storage pad

4. 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 a coal pile storage pad, 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

Sent on: October 21, 2015		Email: X		Hand delivery		US Mail		Certified No. [__]

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