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NCDENR
NORTH CAROLINA DEPARTMENT OF ENVIRONMENT AND NATURAL RESOURCES

FACILITY COMPLIANCE AUDIT REPORT
Division of Waste Management
Solid Waste Section

UNIT TYPE:

Lined MSWLF		LCID	X	YW		Transfer		Compost		SLAS		COUNTY: Wake
Closed MSWLF		HHW		White goods		Incin		T&P	X	FIRM		PERMIT NO.: 92-N
CDLF		Tire T&P / Collection		Tire Monofill		Industrial Landfill		DEMO		SDTF		FILE TYPE: COMPLIANCE

Date of Audit: December 9, 2010 **Date of Last Audit:** April 6, 2010

FACILITY NAME AND ADDRESS:
Currin Brothers Landfill
4525 Sunset Lake Road
Apex, NC 27539

GPS COORDINATES: N: 35.68388 **E:** -78.81522

FACILITY CONTACT NAME AND PHONE NUMBER:
Glenn Currin (919) 876-1138, (919) 880-6624 (cell)

FACILITY CONTACT ADDRESS:
Currin Brothers Landfill
PO Box 547
Fuquay-Varina, NC 27526

AUDIT PARTICIPANTS:
Jason Watkins, NCDENR – Solid Waste
Zinith Barbee, NCDENR – Solid Waste
Allen Currin, owner
Kenneth Richardson

STATUS OF PERMIT:
81-002 Demolition-Landscape Landfill issued by Wake County on August 4, 1981
86-001 LCID landfill issued by Wake County on June 18, 1996 (references DEHNR permit 92S)
86-001 PTC Phases 1-3 modifications issued by Wake County on December 23, 2003
Permit renewal application submitted to the Solid Waste Section and is under review

PURPOSE OF AUDIT:
Comprehensive Audit

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.

STATUS OF PAST NOTED VIOLATIONS:
None

AREAS OF CONCERN AND COMMENTS:

1. Site inspection was conducted by Jason Watkins and Zinith Barbee to determine compliance with NC Solid Waste Rules and to assist with permit renewal review.
2. The facility is permitted to receive land clearing waste, yard trash, untreated and unpainted wood, and inert debris.
3. Upon issuance of permit renewal, the facility should upgrade its signage to indicate the facility permit number and contact information for normal operations and emergencies.
4. The facility is currently not operating as a landfill but rather a treatment and processing facility. Additionally, as operations permit, some of the existing landfill areas are be mined out and processed for topsoil, mulch, etc. Wood waste enters the facility and is taken to a sorting area. Material that can be ground is separated and ground into boiler fuel and/or mulch. Any soils or residuals left after the sorting operation is placed into stockpiles that are left for a period of up to 2 years to allow for the breakdown into topsoil material.
5. Based on the current operations at the facility, the following should be submitted so the permit renewal can move forward:
    a. The volume(s) and acreage(s) requested by Zinith Barbee on 11/4 and 11/23.
    b. A map (overview) and operations plan depicting the current state of operations at the Currin LF site. The map submitted with the permit review indicates build out of the landfill and currently little to no landfilling is occurring, rather the treatment and processing of land clearing and inert debris. As such the elevations, etc on the submitted map do not reflect accurately the state of the property. The map should include at a minimum the location of all infrastructure such as the grinder, as well as locations of the current stockpiles of post processing mulch/boiler fuels material, topsoil piles, etc. The update to the operations plan should include language that details how the site accepts and processes all material, including the stockpiling of concrete waste on the closed portion of the landfill for future grinding (with timeframes of grinding dates).
6. The existing landfill areas, especially perimeter slopes and areas should be maintained free of trees and other woody vegetation so that inspections by both facility and Section staff can occur. Edge of landfill markers should be put in place and maintained so that required buffers are visible upon inspection.
7. Perimeter slopes of the landfill should be maintained at a slope no greater than 3:1 with adequate soil and vegetative (grass) cover.
8. As noted in the April 6, 2010 audit report, the facility is required to monitor landfill gas in on-site structures and at the property boundaries, therefore a gas monitoring plan is needed. To date, no such plan has been submitted. Please contact Zinith (919) 508-8401 or Ed Mussler (919) 508-8495 as soon as practical to determine the requirements for this plan.
9. Concrete is being stockpiled on top of the inactive Phase 2 portion of the landfill until a grinder can be purchased or brought in to process. There was a pile of rebar and other metal material in close proximity to the concrete that could have come from the previous processing of concrete material. This material should be kept in a covered container rather than on the ground and hauled off site when the contained is full.

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

Jason M. Watkins
Central District Supervisor
Regional Representative

Phone: 336-771-5092

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Cc (via email): Mark Poindexter, Field Operations Branch Head
Donald Herndon, Compliance Officer
Zinith Barbee, Hydrogeologist
Ed Mussler, Permitting Branch Head