



FACILITY COMPLIANCE AUDIT REPORT
Division of Waste Management
Solid Waste Section

UNIT TYPE:

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

Date of Audit: April 06, 2010

Date of Last Audit: August 28, 2008

FACILITY NAME AND ADDRESS:

Currin Brothers Landfill
 4525 Sunset Lake Road
 Apex, NC 27539

GPS COORDINATES: **N:** 35.68388 **E:** -078.81522

FACILITY CONTACT NAME AND PHONE NUMBER:

Glenn Currin, (919) 876-1138, (919) 880-6624 mobile

FACILITY CONTACT ADDRESS :

Currin Brothers Landfill
 P.O. Box 547
 Fuquay-Varina, NC 27526

AUDIT PARTICIPANTS:

Bradley W. Bailey, NCDENR, Solid Waste Section
 Zinith Barbee, NCDENR, Solid Waste Section
 Glenn Currin, Owner

STATUS OF PERMIT:

81-002 Demolition-Landscape Landfill issued by Wake County August 4, 1981
 86-001 LCID Landfill issued by Wake County June 18, 1996 reference DEHNR permit 92S
 86-001 PTC phase 1, 2, 3 modifications issued by Wake County December 23, 2003 (**Expired December 23, 2009-submit application by May 03, 2010 in accordance with March 03, 2010 correspondence from Permitting**)

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. If the violation(s) noted here continue, 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

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AREAS OF CONCERN AND COMMENTS:

1. A site visit was conducted to assess the status of the permit, on-going operations and activities.
2. Records from Wake County appear to associate the facility with **both 92S and 92N**. The permit issued June 18, 1996, referenced DEHNR Permit #92S with Wake County Permit # 86-001. The facility was initially permitted by Wake County as a Demolition-Landscape Landfill #81-002. Inspections performed on November 03, 2005 and November 27, 2007 by Wake County does not indicate any significant violations. Correspondence and inspection reports from Wake County reference both 92S and 92N. It is unclear at this point if both are applicable. **Please provide any documentation to clarify.** On March 03, 2010, correspondence from Permitting was issued to submit renewal application by May 03, 2010.
3. The permit issued December 23, 2003, condition 3 required the permit to be filed in the Register of Deeds Office and indexed in the grantor index under the name of the owner of the land in the county in which the land is located. **Provide the certified copy of the permit, affixed with the Register's seal and the date, book, and page number of recording within Thirty (30) days receipt of this notification.**
4. The facility is permitted to receive land clearing waste, yard trash, untreated and unpainted wood, and inert debris such as rock, brick, concrete, concrete block, and uncontaminated soil.
5. Current signage is as follows:



Contact number, number in case of emergency and permit number are required to be posted. It is required that the signage be updated and permanently fixed in front of the facility. It is recommended that the information be consolidated to include the hours of operation and accepted/not accepted be clearly posted for your customers.



6. The trommel and Diamond Z DZ Model 1463B grinder operations need to be included in the operations plan submittal. **In addition, mining of older phases/reclamation of materials needs to be included in the updated operations plan.**
7. 15A NCAC 13B .0566 (5) states that "120 calendar days after completion of any phase of disposal operations, or upon revocation of a permit, the disposal area shall be covered with a minimum of one foot of suitable soil cover sloped to allow surface water runoff in a controlled manner." **It was observed that numerous areas did not have the required one (1) foot of soil cover and that the sloped faces exceeded a manageable slope (3:1). Local Wake County solid waste ordinance section XI. Operation of Land-clearing and Inert Debris Landfill (11) states that "within one month after final termination of disposal operations at the site or a major part thereof or upon revocation of a permit, the area shall be covered with at least two feet of suitable compacted earth adequately sloped to allow surface water runoff in a controlled manner without on-site erosion and off-site siltation." A manageable slope (3:1) and two feet of suitably compacted earth shall be accomplished within thirty (30) days receipt of this notification.**

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8. 15A NCAC 13B .0566 (7) states that “Provisions for a ground cover sufficient to restrain erosion must be accomplished within 30 working days or 120 calendar days upon completion of any phase of landfill development.” **It was observed that numerous areas did not have sufficient ground cover to restrain erosion. All bare areas or eroding areas need to be provided with adequate groundcover after sloped and properly covered within thirty (30) working days or 120 calendar days.**

9. The updated Operations Plan, need to include a methane monitoring plan. The Operational Requirements for Land Clearing/Inert Debris (LCID) Landfills requires methane monitoring in facility structures and at the property boundary. **Submit with the application for renewal, a methane monitoring plan for approval to this department.**

10. The landfill perimeter and inactive areas need to have areas of debris cleaned and consolidated to the areas of T&P or disposed of in the LCID. The perimeter needs to be staked in order to ensure that the required buffers are maintained. Provisions for groundcover sufficient to restrain erosion must be accomplished within 30 working days or 120 calendar days upon completion of any phase of landfill development.

11. Waste material that is removed from loads and not allowed to be received at the facility must be screened and placed back onto the trucks that deliver the material or covered containers onsite.

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

Bradley Bailey
 Bradley W. Bailey
 Environmental Senior Specialist
Regional Representative

Phone: (919) 508-8565

Delivered on : <u>May 07, 2010</u> by	X	E-mail	X	US Mail	Certified No. []
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cc: Mark Poindexter, Field Operations Branch Supervisor
 Jason Watkins, Central District Supervisor
 Shawn McKee, Compliance Officer
 Zinith Barbee, Hydrogeologist