



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

<b>UNIT TYPE:</b>										
Lined MSWLF		LCID	<b>X</b>	YW		Transfer		Compost	SLAS	<b>COUNTY: Durham</b> <b>PERMIT NO.: 32-I</b> <b>FILE TYPE: COMPLIANCE</b>
Closed MSWLF		HHW		White goods		Incin		T&P	FIRM	
CDLF		Tire T&P / Collection		Tire Monofill		Industrial Landfill		DEMO	SDTF	

**Date of Site Inspection:** June 27, 2013 **Date of Last Inspection:** June 27, 2012 (Site Meeting: July 19, 2012)

**FACILITY NAME AND ADDRESS:**

Currin Brothers, Inc. LCID Landfill No. 2  
 1810 Coley Road  
 Durham, NC 27703

**GPS COORDINATES:** N: 35.97059 E: -78.74094

**FACILITY CONTACT NAME AND PHONE NUMBER:**

Allen Currin, Owner  
 c. 919-614-2374  
 Office (Donna Parrish - Secretary): 919-876-1138

**FACILITY CONTACT ADDRESS:**

Currin Brothers, Inc.  
 PO Box 547  
 Fuquay-Varina, NC 27526

**PARTICIPANTS**

John Patrone, Environmental Senior Specialist - Solid Waste Section (SWS)  
 Allen Currin, Owner - Currin Brothers, Inc. LCID Landfill No. 2

**STATUS OF PERMIT:**

Permit To Operate (PTO) issued October 21, 2010  
 Permit To Construct (PTC) issued in conjunction with PTO  
 PTO/PTC expiration date October 21, 2015

**PURPOSE OF SITE VISIT:**

Comprehensive Inspection

**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 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**

On June 27, 2013, John Patrone met with Allen Currin to conduct a comprehensive inspection of the Currin Brothers, Inc. LCID Landfill No. 2 on Coley Road in Durham, Durham County.

1. The permit to operate (PTO) is for a land clearing and inert debris (LCID) landfill.
2. The facility permit, operations plan, and site plan were discussed.
3. The permit has been filed with the Durham County Register of Deeds on February 9, 2011: Bk 6665 and Pg 145-156.
4. The permit to construct (PTC) approves an additional 4.5 acres. Prior to receiving waste in the new phase/area the facility must meet the requirements of permit Attachment 2: Conditions of Permit to Construct, Part 1: Facility Specific Conditions, No. 3 - a through d.
5. Mr. Currin stated that construction of the new area has not commenced to date. And that the next planned area to construct and operate is area 5.
6. The LCID landfill (Phases 1 – 12) is permitted for a total gross capacity of 5,200,000 yd<sup>3</sup>. Phases 1 & 3 are permitted for a total gross capacity of 1,250,000 yd<sup>3</sup>.
7. In addition to the permit, the facility must conform to the operational requirements of the North Carolina Solid Waste Management Rules, 15A North Carolina Administrative Code (NCAC) 13B .0566, and to the facility operational plan.
8. The facility is permitted to receive solid waste generated within Durham County.
9. The facility is permitted to receive land clearing waste, yard trash, untreated and unpainted wood, uncontaminated soil, unpainted inert debris, and used asphalt.
10. Permanent edge of waste markers have been installed (green metal stake with orange ribbon).
11. Mr. Currin stated that the working face is ~ 600' x 30'.
12. Excavation, grading, and fill material side slopes must not exceed a ratio of three horizontal feet to one vertical feet (3:1).
13. Land clearing debris (LCD) is moved to and compacted at internal side slopes to create a lift within a 30 day period. LCD atop the landfill (not side slope) is covered with soil. Once a lift is established the side slope is left as is and a new lift is worked, setback atop the adjacent covered area of landfill/the cap.
14. Mr. Currin stated that the LCD on the side slope is compacted such that soil (naturally occurring in LCD, deposited from atop the landfill, and moved onto the side slope during rainfall) fills the voids between the woody material such that only the LCD top layer (atop the material- soil mix) is exposed. Mr. Currin stated that soon after the side slope is left/no longer worked native vegetation takes root. And that having the upper most layer of LCD exposed at the side slope lets heat escape and reduces soil runoff (as it is caught within the exposed layer).
15. The working face side slope did appear to be compacted and contain an adequate layer of soil within/under the exposed layer.
16. Per NCAC 13B .0566(4), "Adequate soil cover shall be applied monthly, or when the active area reaches one acre in size, whichever occurs first." The operation of the LCID landfill as described above does not meet the requirement of .0566(4).
17. Non-active internal landfill side slopes appeared to contain an adequate soil layer, an exposed layer of LCD was not visible.
18. The landfill cap appeared in good order. It contains soil cover and vegetative material.

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19. Within 30 days (thirty-days) of receipt of this inspection report reduce the size of the working face/side slope and ensure that new material is applied atop uncovered waste within 30 days or continually cover all material adequately with soil within 30 days of receipt (such that it is not visible).
20. The facility currently has one active area.
21. Exposed waste referenced in the last inspection report has been graded and covered with a soil layer.
22. The facility has a City/County of Durham Land Disturbing Permit, No. 3179, dated: 05/14/02. Soil is mined on site to sell and use as cover material.
23. The 2011 – 2012 facility annual report (FAR) was received by the SWS, dated July 27, 2012. The facility estimates that 1600 yd<sup>3</sup> of material is received weekly.
24. The facility is open Monday through Friday 8:00 am to 5:00 pm and (seasonal) Saturday 7:30 am to 1:00 pm.
25. The facility has an all-weather access road.
26. The facility is secured by a locked gate.
27. The facility has proper signage.
28. Mr. Currin was given a copy of the 2012-2013 FAR (blank copy).
29. The PTO/PTC expiration date is October 21, 2015.
30. The permit renewal application shall be submitted to the SWS by April 21, 2015.

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



Phone: 336-771-5095 Fax: 336-771-4631

John Patrone  
 Environmental Senior Specialist  
*Regional Representative*

Sent on: <u>July 1, 2013</u>		Email		Hand delivery	X	US Mail	Certified No. <u>7010 0780 0002 0107</u> <u>2467</u>
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Copies: Jason Watkins, Western District Supervisor  
 Sarah Rice, Compliance Officer  
 Pat Backus, Environmental Engineer  
 Brian Wootton, Hydrogeologist  
 Stacey Smith, Smith Gardner, Inc. ([stacey@smithgardnerinc.com](mailto:stacey@smithgardnerinc.com))

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Digital pictures taken June 27, 2013  
by John Patrone, DWM-SWS

Working face side slope



Soil layer within compacted LCD (on side slope)



LCD on side slope (view setback – same as second pic)



View of non-active side slope from atop Area 3

