

Scanned By	Date	DOC ID	Permit
Backus	06/19/2013	19158	32D-LCID-

June 17, 2013

Mr. Patricia Backus  
Environmental Engineer II  
North Carolina Dept. of Environment and Natural Resources  
**Division of Waste Management - Solid Waste Section**  
217 W. Jones St.  
Raleigh, NC 27603



**RE: Site Inspection Closure Report  
Currin LCID Landfill (Solid Waste Permit 32D-LCID)  
Durham County, North Carolina**

Dear Ms. Backus:

On behalf of Currin Bros, Inc., Smith Gardner, Inc. (S+G) has prepared this closure documentation of the Land Clearing & Inert Debris (LCID) Landfill located at 2710 Coley Road in Durham, NC. The facility ceased acceptance of waste on or about 1994. The facility was covered and vegetated, however a formal request was not filed. Therefore, please accept this notice and documentation of final closure of the landfill.

## **BACKGROUND**

LCID filling operations at the site were conducted by Currin Bros. Inc. from 1989 until about 1994. The landfill has been inactive since that time. Currin Bros. Inc. has no further interest in the future operation at this site and wishes to close the permit.

## **VERIFICATION ACTIVITIES**

The site entrance is off of Coley Road in Durham, NC. As the Section is aware, the landfill was permitted to receive land clearing waste, unpainted and untreated natural wood, inert debris, and used asphalt. This verification event encompasses the entire (approximate) 12.5 acres of the landfill. The site has established strong vegetation during this period.

To begin the verification process, S+G created a numbered grid (shown on **Figure 1**), approximately one (1) acre in size, to cover all disposal areas. S+G then conducted a site visit on May 29, 2013 to perform cover verification. A total of 63 hand auger probes (shown on **Figure 1**) were advanced at a frequency of 4 or 5 per each numbered grid section. At each probe location, S+G proceeded to measure the depth to verify at least 12 inches of soil cover. These measurements were recorded with their associated grid numbers and are summarized in the **attached Table 1**.

## **CONCLUSIONS**

It is the opinion of S+G that all probe locations confirmed a minimum of 12 inches of cover or greater in accordance with 15A NCAC 13B .0566. It is also our opinion that adequate vegetation is established across the entire site.

Mr. Pat Backus  
June 17, 2013  
Page 2 of 2

We appreciate the Division's assistance in this matter. Should you have any questions or require clarification, please contact us at (919) 828-0577 by email.

Sincerely,  
**SMITH GARDNER, INC.**



Don Misenheimer  
Project Scientist, ext. 224  
[don@smithgardnerinc.com](mailto:don@smithgardnerinc.com)

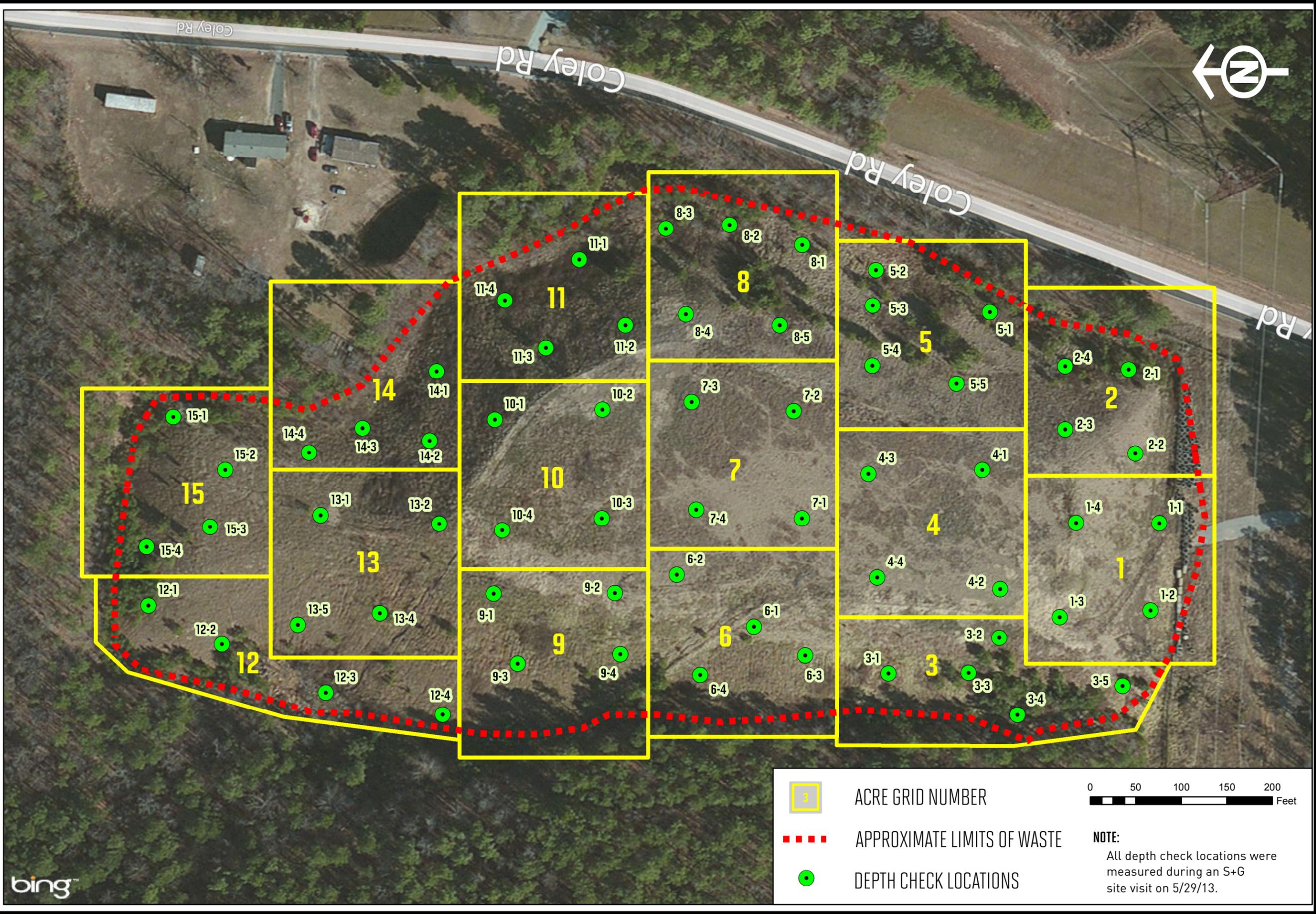


Stacey A. Smith, P.E.  
Senior Engineer, ext. 127  
[stacey@smithgardnerinc.com](mailto:stacey@smithgardnerinc.com)



dmm/sas  
Attachment

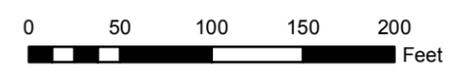
Cc:  
Mr. Allen Currin, Currin Bros. Inc.  
Mr. John Patrone, NCDENR  
File



**3** ACRE GRID NUMBER

--- APPROXIMATE LIMITS OF WASTE

● DEPTH CHECK LOCATIONS



**NOTE:**  
All depth check locations were measured during an S+G site visit on 5/29/13.



COVER DEPTH CHECK LOCATIONS  
CURRIN LANDFILL - PERMIT: 32D-LCID  
DURHAM, NC

SMITH + GARDNER  
14 N. Boylan Avenue, Raleigh NC 27603 | 919.828.0577  
NC LIC. NO. C-0828 (ENGINEERING)

DRAWN:	DMM	APPROVED:	SAS	SCALE:	1:1200	FIGURE NO.:	1
DATE:	May, 2013	PROJECT NO.:	PROJECT	FILENAME:	Verification Map		

**Currin Bros. Inc.  
LCID Landfill  
Table 1  
Verification Probe Locations**

<b>Grid - Point Number</b>	<b>Cover Depth (inches)</b>	<b>Grid - Point Number</b>	<b>Cover Depth (inches)</b>
1-1	>12	8-3	>12
1-2	>12	8-4	>12
1-3	>12	8-5	>12
1-4	>12	9-1	>12
2-1	>12	9-2	>12
2-2	>12	9-3	>12
2-3	>12	9-4	>12
2-4	>12	10-1	>12
3-1	>12	10-2	>12
3-2	>12	10-3	>12
3-3	>12	10-4	>12
3-4	>12	11-1	>12
3-5	>12	11-2	>12
4-1	>12	11-3	>12
4-2	>12	11-4	>12
4-3	>12	12-1	>12
4-4	>12	12-2	>12
5-1	>12	12-3	>12
5-2	>12	12-4	>12
5-3	>12	13-1	>12
5-4	>12	13-2	>12
5-5	>12	13-3	>12
6-1	>12	13-4	>12
6-2	>12	14-1	>12
6-3	>12	14-2	>12
6-4	>12	14-3	>12
7-1	>12	14-4	>12
7-2	>12	15-1	>12
7-3	>12	15-2	>12
7-4	>12	15-3	>12
8-1	>12	15-4	>12
8-2	>12	---	---

Notes:

- Grid numbers correspond with numbers on Figure 1.
- Data was gathered on May 29, 2013 by S+G.