



May 5, 2009

Ms. Donna Wilson
Environmental Engineer
North Carolina Dept. of Environment and Natural Resources
Division of Waste Management - Solid Waste Section
401 Oberlin Road, Suite 150
Raleigh, North Carolina 27605

Re: Site Inspection and Interim Closure Report
Flowers LCID Recycling Center (Solid Waste Permit No. 51-05)
Johnston County, North Carolina

Dear Ms. Wilson:

On behalf of Mr. Gary K. Lynch, Richardson Smith Gardner & Associates, Inc. (RSG) is providing this report to document interim site closure and stabilization activities as outlined in correspondence dated April 21, 2009. RSG conducted site inspections of the subject site on April 23rd and May 1st to determine remaining areas of debris (waste) as well as areas that have been deemed clean¹.

Background

As the Division may recall, the site was originally owned by the late Mr. Billy Flowers². At the time of purchase by Mr. Lynch, the site was under a Notice of Violation³. In order to recapture the property for future development, Mr. Lynch agreed to remediate through excavation and processing of the existing landfill under 15A NCAC 13B 0.300.

Waste Areas

The initial limits of waste included approximately 11 acres and an estimated volume of 144,000 cubic yards. To date, site personnel have mined and processed approximately 80,000 cubic yards (in-place) and have recaptured approximately five (5) acres of the previous waste area as “clean” shown in **Figure 1** (attached).

Current Site Description

In general, the site is surrounded by a berm to centralize processing operations on the site. The berm remains around the western and southern portion of the site and is generally constructed of sorted debris materials. Within the limits of this berm, unprocessed debris remains. One (1) additional area on the

¹ In the context of this report, “clean” is defined as visible waste not present in random test pits advanced to approximately four (4) feet below proposed final (excavated) grades and witnessed by RSG representative.

² Correspondence dated February 10, 2004 from Mr. Ben Barnes, NCDENR to Mr. Billy R. Flowers, Flowers LCID regarding Notice of Violation issued July 18, 2003.

³ Notice of Violation dated July 18, 2003 from Mr. Ben Barnes, NCDENR to Mr. Billy R. Flowers, Flowers LCID.

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eastern portion of the site also includes unprocessed debris. The eastern portion of the site was demonstrated to be clean, based on 20 test pit verifications, and includes a processed topsoil stockpile and a small pile of two (2) inch coarse inert and woody debris materials considered as "overs" from the screening process. Both sediment basins, the diversion channels, and other site stormwater measures appear to be functional and well maintained. Photographs were taken at various locations on site are included as **Attachment A** of this letter report.

Interim Closure Documentation

RSG verified 32 auger point probes (or test pits) based on a grid pattern and performed by site personnel at locations shown in **Figure 1** to confirm that the regulatory minimum of one (1) foot of soil cover was applied. All probes confirmed a minimum of 12 inches of cover or greater in accordance with 15A NCAC 13B .0566.

Revegetation and Stabilization

Following this confirmation of the cover soil thickness, the site personnel will perform seeding and mulching of the remaining bare areas to complete this interim closure. Mr. Lynch is prepared to meet staff on-site at the Division's convenience to perform any additional site inspections necessary to complete this interim measure.

We appreciate the Division's assistance in this matter. Should you have any questions or require clarification, please contact me at (919) 828-0577 ext. 127 or by email at stacey@rsgengineers.com.

Sincerely,

Richardson Smith Gardner & Associates, Inc.

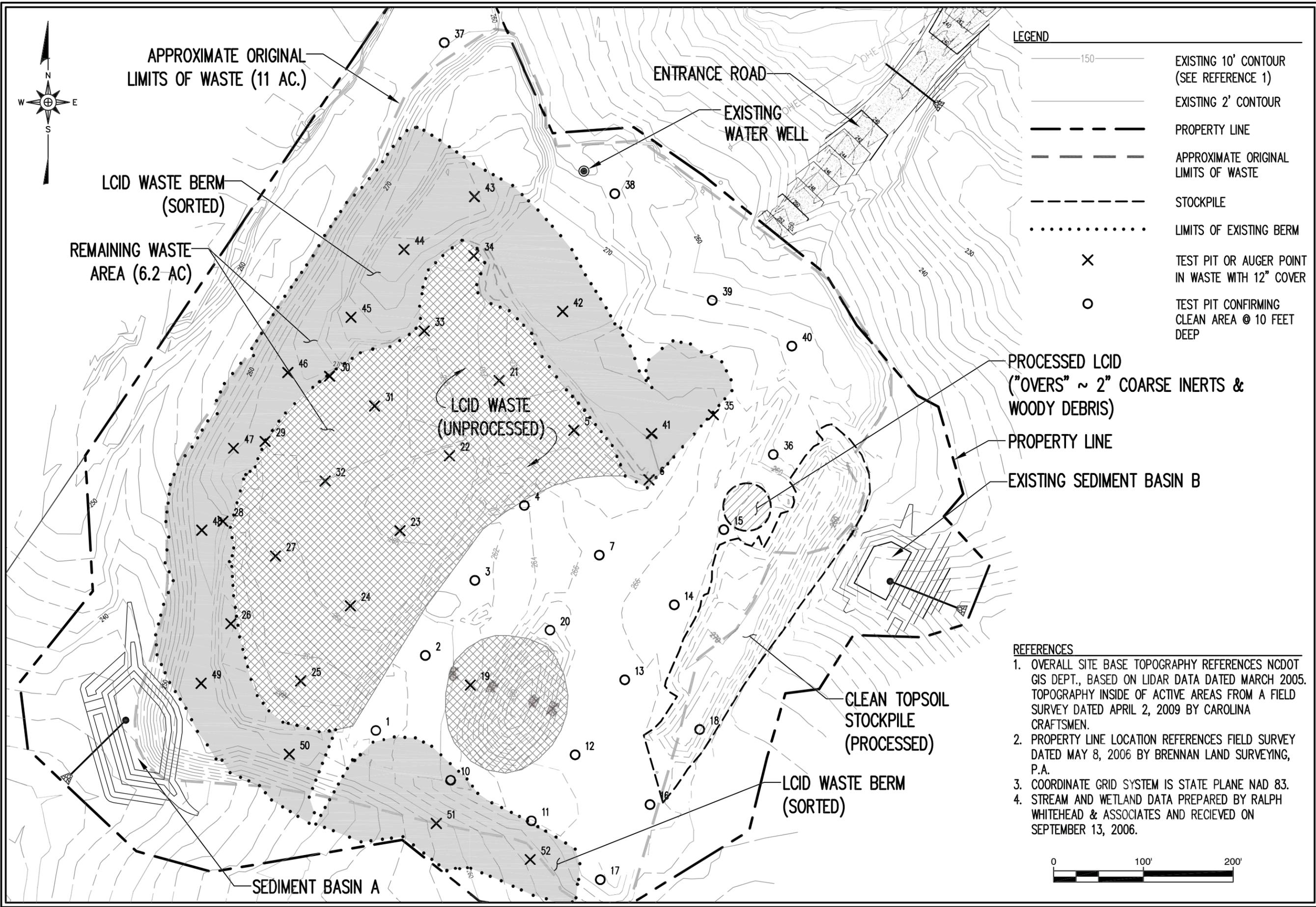

Stacey A. Smith, P.E.
Project Manager



Att.

Cc: Mr. Gary K. Lynch, 42 East, LLC
Mr. Rodney Lynch, 42 East, LLC
Mr. Donald Herndon, NCDENR
Ms. Mary Whaley, NCDENR
Mr. Berry Gray, Johnson County Zoning
File

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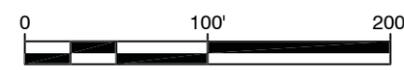
- LEGEND**
- 150 — EXISTING 10' CONTOUR (SEE REFERENCE 1)
 - — — — — EXISTING 2' CONTOUR
 - — — — — PROPERTY LINE
 - - - - - APPROXIMATE ORIGINAL LIMITS OF WASTE
 - - - - - STOCKPILE
 - LIMITS OF EXISTING BERM
 - X TEST PIT OR AUGER POINT IN WASTE WITH 12" COVER
 - O TEST PIT CONFIRMING CLEAN AREA @ 10 FEET DEEP

PROCESSED LCID ("OVERS" ~ 2" COARSE INERTS & WOODY DEBRIS)

PROPERTY LINE

EXISTING SEDIMENT BASIN B

- REFERENCES**
1. OVERALL SITE BASE TOPOGRAPHY REFERENCES NCDOT GIS DEPT., BASED ON LIDAR DATA DATED MARCH 2005. TOPOGRAPHY INSIDE OF ACTIVE AREAS FROM A FIELD SURVEY DATED APRIL 2, 2009 BY CAROLINA CRAFTSMEN.
 2. PROPERTY LINE LOCATION REFERENCES FIELD SURVEY DATED MAY 8, 2006 BY BRENNAN LAND SURVEYING, P.A.
 3. COORDINATE GRID SYSTEM IS STATE PLANE NAD 83.
 4. STREAM AND WETLAND DATA PREPARED BY RALPH WHITEHEAD & ASSOCIATES AND RECIEVED ON SEPTEMBER 13, 2006.



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FIGURE NO.	1	FILE NAME	FLOWERS-B0030
SCALE:	AS SHOWN	PROJECT NO.	FLOWERS 06-1
CHECKED BY:	S.A.S.	DATE:	May, 2009
DRAWN BY:	C.T.J.		

FLOWERS LCID RECYCLING CENTER SITE PLAN APRIL 2009

ATTACHMENT A

Photographs



Photo 1 - View looking out to site entrance (Motorcycle Road).



Photo 2 - View to the northwest along northern berm.



Photo 3 - View looking southeast to topsoil stockpile.



Photo 4 - View looking south across clean area with berm at end.



Photo 5 - View looking southwest across unprocessed debris area.



Photo 6 - View of stormwater cut through berm at south end.



Photo 7 - Sediment Basin A.



Photo 8 - View along eastern diversion channel to Basin B.