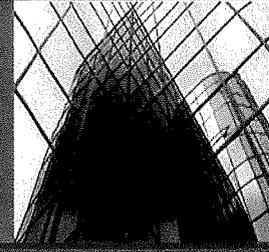




Neal Smith Engineering, Inc.

575 SE Broad St. - Suite 11
Southern Pines, NC 28387
Phone: (910) 695-8825
Fax: (910) 695-8832
www.nsenengineering.com



March 2, 2004

NCDENR

c/o Jim Barber

401 Oberlin Rd., Ste. 150

1646 Mail Service Center

Raleigh, NC 27699-1646

Re: LCID Landfill
Rockingham, North Carolina
NSE Job #0300580



Dear Jim,

NSE has completed the design of the LCID Landfill in Rockingham, North Carolina. Enclosed please find the following items:

- 1 sets of plans.
- Letter from the North Carolina Dept. of Cultural Resources.
- Letter from the Natural Heritage Program.
- Letter from Richmond County Zoning.
- County Road Map.
- USGS Map.
- Aerial Photography Map.
- S&ME Report

NSE has sent the Erosion Control Plans to Fayetteville for approval. We expect to have the letter of approval in 30 days and will forward it to you at that time. Also, the owner is getting the deed prepared and will forward it to you when it comes in.

If you have any questions or need more information feel free to call us at (910) 695-8825.

Sincerely,
NEAL SMITH ENGINEERING, INC.

A handwritten signature in black ink, appearing to read "Tom Wanko". The signature is fluid and cursive, with the first name "Tom" being more prominent than the last name "Wanko".

Tom Wanko
Project Manager



North Carolina Department of Cultural Resources
State Historic Preservation Office

Michael F. Easley, Governor
Lisbeth C. Evans, Secretary
Jeffrey J. Crow, Deputy Secretary
Office of Archives and History

Division of Historical Resources
David L. S. Brook, Director

February 2, 2004

Tom Wanko
Project Manager
Neal Smith Engineering, Inc.
575 SE Broad Street, Suite 11
Southern Pines, NC 28387

Re: LCID Landfill, NSE Project #0300580, Off US 1, Rockingham County, ER04-0139

Dear Mr. Wanko:

Thank you for your letter of January 12, 2004, concerning the above project.

We have conducted a review of the proposed undertaking and are aware of no historic resources which would be affected by the project. Therefore, we have no comment on the undertaking as proposed.

The above comments are made pursuant to Section 106 of the National Historic Preservation Act and the Advisory Council on Historic Preservation's Regulations for Compliance with Section 106 codified at 36 CFR Part 800.

Thank you for your cooperation and consideration. If you have questions concerning the above comment, please contact Renee Gledhill-Earley, environmental review coordinator, at 919/733-4763. In all future communication concerning this project, please cite the above-referenced tracking number.

Sincerely,


David Brook

www.hpo.dcr.state.nc.us

ADMINISTRATION
RESTORATION
SURVEY & PLANNING

Location
507 N. Blount St, Raleigh, NC
515 N. Blount St, Raleigh, NC
515 N. Blount St, Raleigh, NC

Mailing Address
4617 Mail Service Center, Raleigh, NC 27699-4617
4617 Mail Service Center, Raleigh, NC 27699-4617
4617 Mail Service Center, Raleigh, NC 27699-4617

Telephone/Fax
(919) 733-4763 • 733-8653
(919) 733-6547 • 715-4801
(919) 733-4763 • 715-4801



North Carolina Department of Environment and Natural Resources

Michael F. Easley, Governor

William G. Ross Jr., Secretary

February 2, 2004

Mr. Tom Wanko
Neal Smith Engineering, Inc.
575 SE Broad Street – Suite 11
Southern Pines, NC 28387

Subject: LCID Landfill; Rockingham, Richmond County
NSE Project #0300580

Dear Mr. Wanko:

The Natural Heritage Program has no record of rare species, significant natural communities, or priority natural areas at the site nor within a mile of the project area. Although our maps do not show records of such natural heritage elements in the project area, it does not necessarily mean that they are not present. It may simply mean that the area has not been surveyed. The use of Natural Heritage Program data should not be substituted for actual field surveys, particularly if the project area contains suitable habitat for rare species, significant natural communities, or priority natural areas.

You may wish to check the Natural Heritage Program database website at www.ncsparks.net/nhp/search.html for a listing of rare plants and animals and significant natural communities in the county and on the topographic quad map. Please do not hesitate to contact me at 919-715-8697 if you have questions or need further information.

Sincerely,

Harry E. LeGrand, Jr., Zoologist
Natural Heritage Program

HEL/hel



RICHMOND COUNTY, NORTH CAROLINA
Department of Planning and G. I. S. Services
 114 E. Franklin Street • P.O. Box 504
 Rockingham, NC 28380
 910-417-4904

Monday, July 21, 2003

Mr. F. Brent Neal
 Kitchin, Neal, Webb, Webb, & Furrell, P.A.
 P.O. Box 1657
 111 Washington Street
 Rockingham, NC 28380

RE: LCID Zoning Permits in Richmond County

Mr. Neal:

I am sending this letter in response to a letter you sent Richmond County Planning Board Chairman Harvey Melton requesting the status of Land Clearing and Inert Debris (LICD) Landfills in the Richmond County Zoning Ordinance. Currently such landfills are not regulated by the zoning ordinance, as are sanitary landfill and construction and demolition landfills.

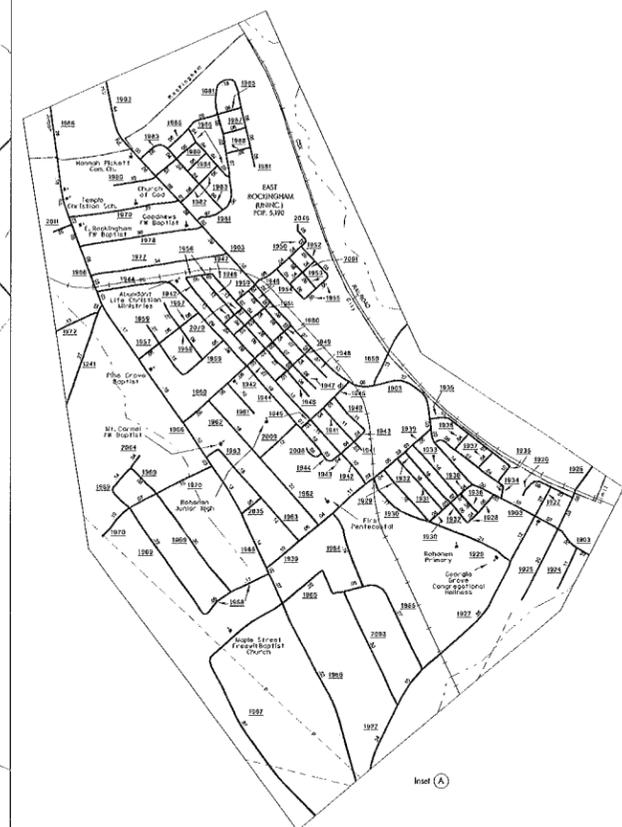
Please feel free to contact me with additional questions.

Sincerely,

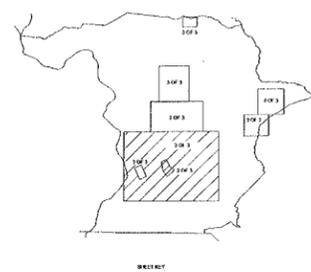
James E. Armstrong, AICP, CZA
 Director of Planning and GIS Services
 Zoning Administrator
 james.armstrong@ncmail.net
www.richmondnc.com

Cc: Harvey Melton
 Chairman, Richmond County Planning Board

Post-It* Fax Note			
To	SCOTT	Date	11-3-03
Co./Dept.	NS ENCL	From	T. Hudson
Phone #	910-695-8832	Co.	Hud. P.A.
Fax #	910-695-8832	Phone #	895-5910
		Fax #	
			# of pages 1



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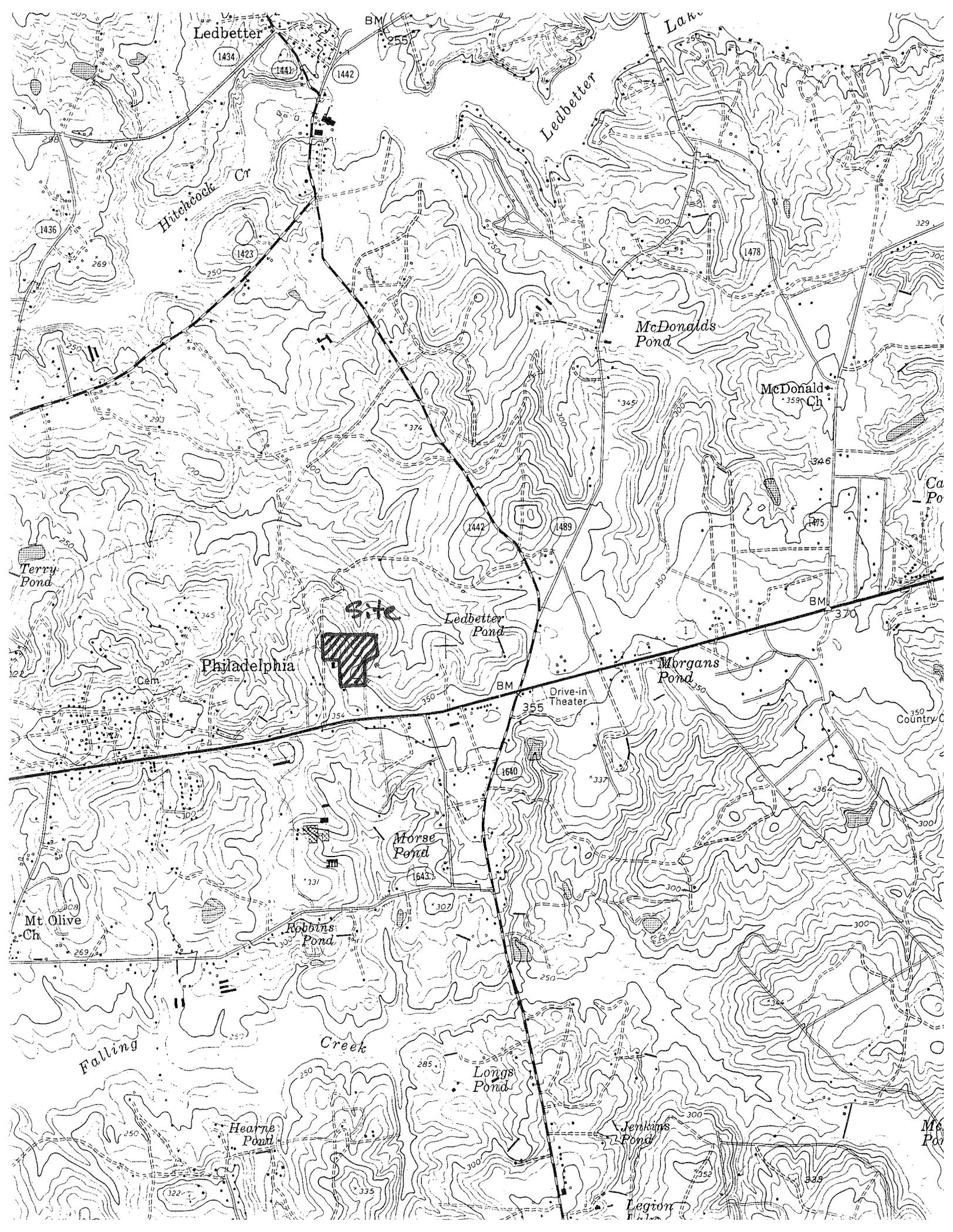


ENLARGED MUNICIPAL AND SUBURBAN AREAS
RICHMOND COUNTY
 NORTH CAROLINA
 PREPARED BY THE
 NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
 DIVISION OF HIGHWAYS - GIS UNIT
 IN COOPERATION WITH THE
 U.S. DEPARTMENT OF TRANSPORTATION
 FEDERAL HIGHWAY ADMINISTRATION

SCALE 0 1 MILE

REVISED
 6/25/01 JKH
 12/25/01 JKH
 01/20/04 JKH

REVISIONS



Ledbetter

1434

1441

1442

BM 255

Ledbetter Lake

Ledbetter

Hitchcock Cr

1423

1478

McDonalds Pond

McDonald Ch 359

1436

269

250

374

345

329

300

Terry Pond

Philadelphia

Site

Ledbetter Pond

1442

1489

1475

346

Ca Po

BM 370

Cem

BM 355

Drive-in Theater

Morgans Pond

Country

Mt Olive Ch

Morse Pond

1643

Robbins Pond

331

1640

337

364

350

300

Falling

Creek

Longs Pond

285

Jenkins Pond

300

Hearne Pond

322

335

300

352

333

Mt Po

Legion

2.61A

8559

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1.20A

5226

8213

9233

5088

INDEXED ON 7484.04

INDEXED ON 7484.04

3.00A

5773

(130)

814

5036

158





Since 1973
Three Decades . . . Three Reasons
We listen. We respond. We solve.

February 17, 2004

Neal Smith Engineering, Inc.
575 SE Broad St., Suite 11
Southern Pines, North Carolina 28387

Attention: Mr. Tom Wanko

Reference: **GROUNDWATER DEPTH DETERMINATION**
Land Clearing Inert Debris Landfill (LCID)
Rockingham, North Carolina
S&ME, Inc. Project Number 1033-04-140

Dear Mr. Wanko:

S&ME, Inc. has recently measured the depth to water at the subject site. Work was conducted in accordance with S&ME Proposal FAY-103-04. This letter presents a summary of pertinent project information and the results of our field work.

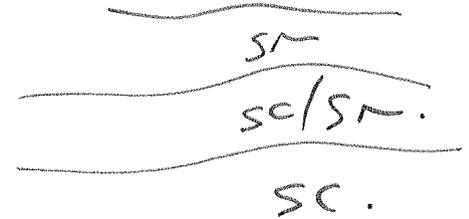
SITE AND PROJECT INFORMATION

We understand an approximately 10-acre tract is being considered for use as an LCID landfill. This site is located in Rockingham, North Carolina, adjacent to an existing 2-acre LCID landfill.

EXPLORATION PROGRAM

The field exploration program for this project included a visual site reconnaissance by representatives of S&ME and the drilling of four soil test borings to depths ranging from 25 to 30 feet. Boring locations were selected and located in the field by S&ME personnel, who taped distances and estimated right angles from existing site features. Since borings were established without survey control, the boring locations shown in Figure 1 should be considered very

approximate.



CONCLUSIONS AND RECOMMENDATIONS

At completion of the drilling operations, water was observed in all borings at depths ranging from approximately 22 to 30 feet. Borehole cave-in depths of 13 to 23 feet were also recorded. Long term monitoring of water levels requires the installation of piezometers, which was beyond the scope of this project. It is important to realize that seasonal fluctuations in water levels do occur with changes in rainfall and evaporation rates, and the depth to water could be higher or lower at other times of the year.

CLOSING REMARKS

We appreciate the opportunity to work with you during this phase of the project. Please feel free to contact us if we can be of additional service to you.

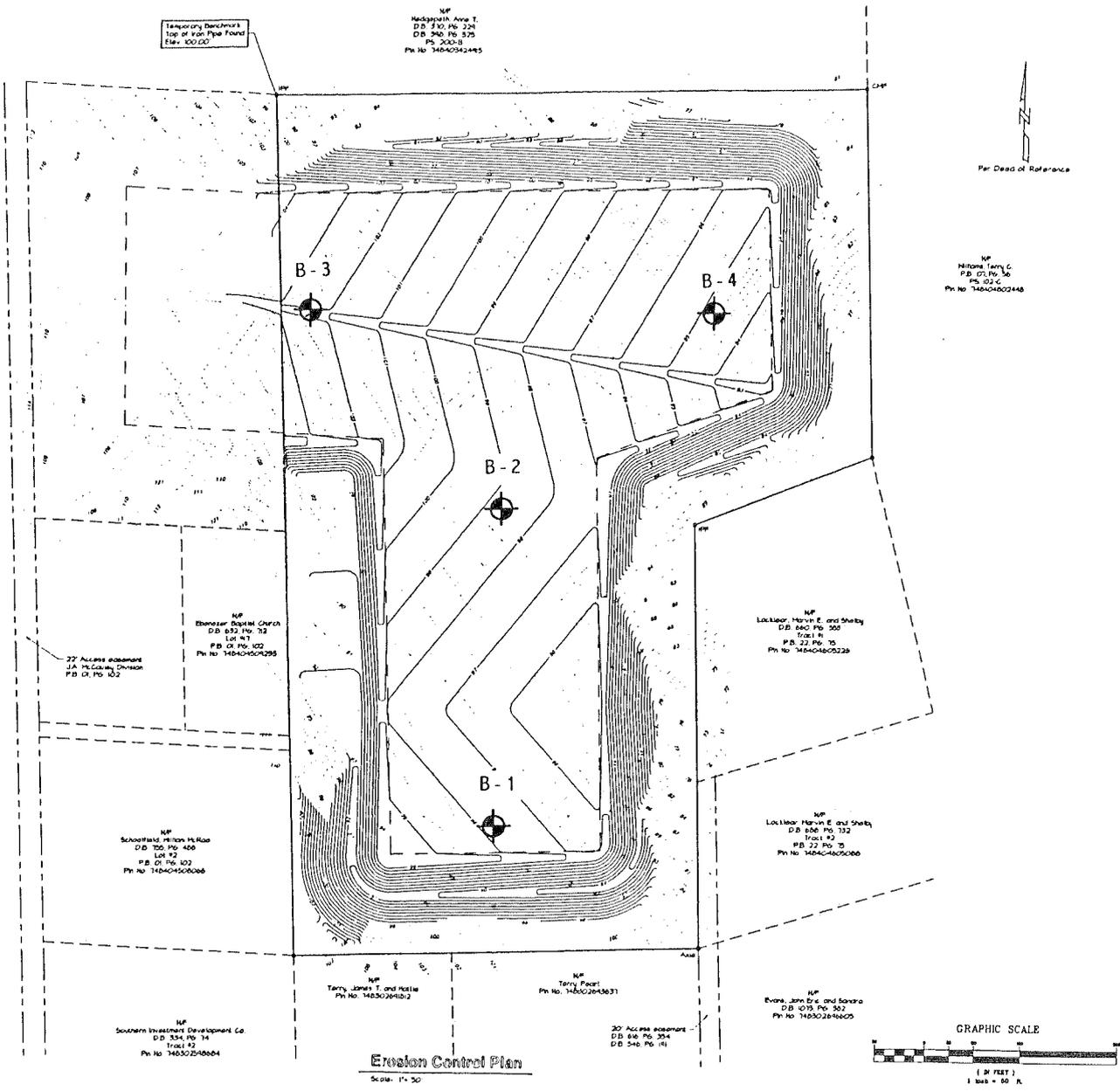
Sincerely,

S&ME, Inc.

Derrick Bellamy
Derrick Bellamy, E.I.
Staff Professional

Attachments

Michael W. Behen
Michael W. Behen, P.E.
Senior Geotechnical Engineer
N.C. Registration No. 8384

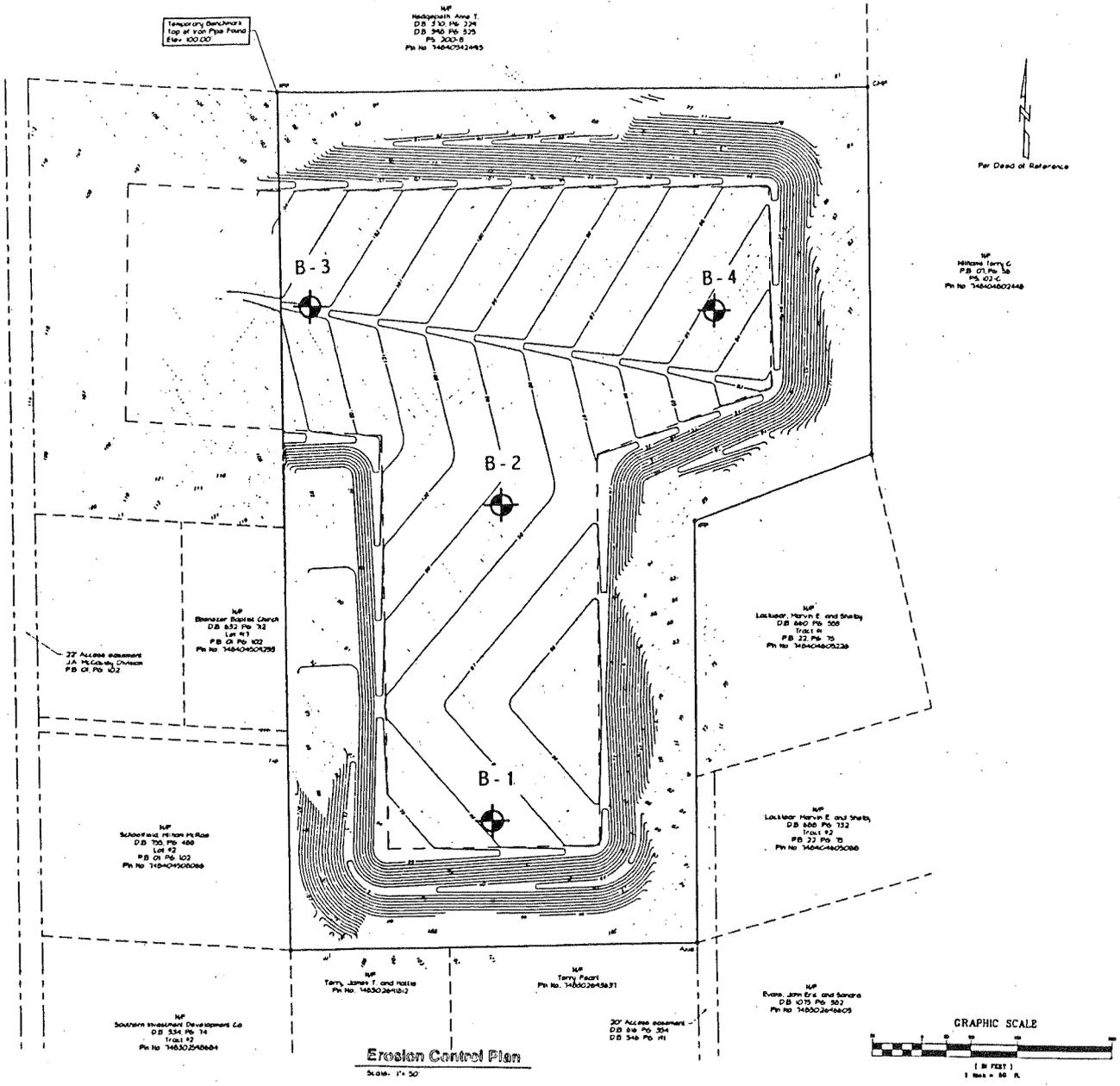


Boring Location Plan

LCID Landfill
Rockingham, North Carolina
Prepared by JB, February 2004



Job No.	1033-04-140
Scale:	As shown
Figure No.	1



Boring Location Plan

LCID Landfill
 Rockingham, North Carolina
 Prepared by JB, February 2004



S&ME
 ENGINEERING · TESTING
 ENVIRONMENTAL SERVICES

Job No. 1033-04-140
 Scale: As shown
 Figure No. 1

**S&ME**409 Chicago Drive
Suite 116
Fayetteville, NC 28306

Summary of Water Depths

S&ME Project Number: 1033-04-140**Drilling Operation Date: February 11, 2004**

Boring ID	Groundwater Depth ¹	Cave-in depth ¹
B-1	23 ft.	17 ft.
B-2	22 ft.	13 ft.
B-3	29 ft.	23 ft.
B-4	30 ft.	21 ft.

1. Water levels noted during drilling operations through hollow-stem augers.