LCIDN13-DPermitCharlotte
Motor Speedway

CF

LOWE'S
Home Improvement Warehouse
MOTOR SPEEDWAY
CHARLOTTE

August 13, 2002

AUG 30 2002

Mr. James Bealle
NC DENR
919 N. Main Street
Mooresville, NC 28115

RE: Closure of Landfill 13D

Dear Mr. Bealle:

Please accept this letter as notification that the above referenced landfill has been closed, covered, and seeded as of the last inspection by NC DENR dated August 18, 1998. Future operations will only consist of beneficial fill to promote positive drainage and control erosion caused by differential settlement of existing debris.

Should you have any questions, please contact me at 704-455-3207.

Sincerely,

Robert L. Davis
Director of Development

RLD/jem

P.O. BOX 600 • CONCORD, NC 28026-0600
A DIVISION OF SPEEDWAY MOTORSPORTS, INC., A NYSE COMPANY

Subject: [Fwd: Inspection Reminder]
Date: Mon, 22 Jul 2002 12:01:14 -0400
From: James Bealle <james.bealle@ncmail.net>
Organization: NCDENR(MRO)/DWM/SWS
To: courtney.washburn@ncmail.net
CC: brent.rockett@ncmail.net, rick.doby@ncmail.net

Courtney,

1) Charlotte Motor Speedway LCID Landfill (Permit Number 13-D) - Appears to have been *temporarily* closed based on the last inspection on file dated August 18, 1998 per Rick Doby. Although I am certain this facility is not currently in operation at this time, I will request correspondence from CMS regarding closure status for filing purposes.

2) Catawba County Demolition Landfill (Permit Number 18-H) - It is my understanding through Brent Rockett that Rick would be responsible for inspecting this facility provided that it is still operating. Please contact Rick for additional information on this facility.

jb

Subject: Inspection Reminder
Date: Wed, 17 Jul 2002 09:15:51 -0400
From: Courtney Washburn <Courtney.Washburn@ncmail.net>
Organization: Division of Waste Management
To: JAMES BEALLE <JAMES.BEALLE@ncmail.net>
CC: Brent Rockett <Brent.Rockett@ncmail.net>

The following facilities have not been inspected or it has been 2 years since the last inspection. Please note that these will not show up on the most recent inspection report as they either have not been inspected or not inspected recently.

OPEN

Charlotte Motor LCID 13D
Catawba Demo 18H

Thanks

Courtney

Courtney Washburn <courtney.washburn@ncmail.com>
Compliance Officer
Division of Waste Management
Solid Waste

State of North Carolina
Department of Environment,
Health and Natural Resources
Division of Waste Management

James B. Hunt, Jr., Governor
Jonathan B. Howes, Secretary
William L. Meyer, Director

DEHNR

April 9, 1997

Mr. Robert Davis, Project Manager
Charlotte Motor Speedway
P.O. Box 600
Concord, North Carolina 28026-0600

Subject: CMS IV Land Clearing and Inert Debris Landfill
Between CMS IV A & C, Cabarus County, North Carolina
Permit # **13-D**

Dear Mr. Davis:

Enclosed please find a Solid Waste Permit, Conditions of the Solid Waste Permit, and a Certified Copy of the Solid Waste Permit for the above referenced Land Clearing & Inert Debris(LCID)landfill. This is a PERMIT TO CONSTRUCT and OPERATE Area 1, between CMS Phase IV cells A and C, as shown on sheet 3 of 4 in the approved plans.

Please note Condition No. 3. This permit shall not be effective unless the certified copy is filed in the Register of Deeds office and the copy is returned to the Solid Waste Section, within thirty (30) working days, from date received, with the page and book number, date of recordation, and Register's seal.

Also note Condition No. 9, which requires that we hold a pre-operative meeting and that outlines the pre-operative conditions that need to be met prior to operation. Please contact Rick Doby, Waste Management Specialist, when you are ready to schedule a meeting. Mr. Doby can be reached in our Mooresville Regional Office at 704- 663-1699. If you have questions about your permit, please contact me at (910) 486-1191.

Sincerely,

Jim Barber

Jim Barber
Eastern Area Engineer
Solid Waste Section
cc: Jim Coffey Julian Foscue
Rick Doby
Raleigh Central File: Permit # 13-D - Cabarus

P.O. Box 27687,
Raleigh, North Carolina 27611-7687
Voice 919-733-4996

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CERTIFIED COPY OF SOLID WASTE PERMIT

I do hereby certify that the attached permit is an exact and true copy of Permit Number 13-D.

James C Coffey

James C. Coffey, Supervisor
Permitting Branch
Solid Waste Section

North Carolina

Johnston County

I, Sue S. Hodge, a Notary Public for said County and State, do hereby certify that James C. Coffey, Supervisor, Permitting Branch, personally appeared before me this day and acknowledged the due execution of the foregoing instrument.

Witness my hand and seal, this the 9th day of April, 1997.

Sue S. Hodge

Notary Public

My commission expires 10-21-2000.

PERMIT # **13-D**
Dated Issued: April 9, 1997

SOLID WASTE PERMIT

CHARLOTTE MOTOR SPEEDWAY

is hereby issued a permit to CONSTRUCT & OPERATE AREA 1 for a

LAND CLEARING AND INERT DEBRIS LANDFILL

located at the Charlotte Motor Speedway site, between cells A & C of CMS Phase IV, with the Charlotte Motor Speedway located at the intersection of Morehead Road and N.C. Highway 29, in Concord, Cabarrus County, North Carolina in accordance with Article 9, Chapter 130A of the General Statutes of North Carolina and all rules promulgated thereunder and subject to the conditions set forth in this permit. The facility is located and described by the legal description in the permit application and the site drawings.

James C Coffey

James C. Coffey, Supervisor
Permitting Branch
Solid Waste Section

PERMIT NUMBER: **13-D**
PERMIT ISSUED: April 9, 1997
FACILITY NAME: CMS Phase IV LAND CLEARING & INERT DEBRIS LANDFILL

CONDITIONS OF PERMIT

1. This permit is issued for a period not to exceed five years from date of issuance. This permit is for the construction and operation of the landfill(Area 1 between CMS IV A &C) according to the approved plans. Any revisions of these approved plans must be approved by the North Carolina Solid Waste Section.

2. Amendments or revisions to the NC Solid Waste Management Rules or any violation of groundwater standards may necessitate modification of the approved plans or closure of the facility.

3. **This permit shall not be effective unless the certified copy is 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 or counties in which the land is located.** The certified copy of the permit, affixed with the Register's seal and the date, book, and page number of recording shall be returned to the Division of Solid Waste Management, within **THIRTY (30)** working days, from date received. Please send the recorded permit copy to:

   SOLID WASTE SECTION
   225 GREEN STREET; SUITE 601
   FAYETTEVILLE, NORTH CAROLINA 28301
   ATTN: JIM BARBER

4. When this property is sold, leased, conveyed, or transferred, the deed or other instrument of transfer shall contain in the deed description section in no smaller type than that used in the body of the deed or instrument a statement that the property has been used as a land clearing and inert debris landfill.

5. This 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. Waste acceptance requirements may be affected by future revisions and amendments to the NC General Statutes, or to the NC Solid Waste Management Rules.

6. Waste shall be placed a minimum of four (4) feet above the seasonal high water table.

7. This facility shall conform to the operational requirements of the NC Solid Waste Management Rules, 15A NCAC 13B .0566, and to the operational plan required by 15A NCAC 13B .0565(4).

PERMIT NUMBER: **13-D**
PERMIT ISSUED: April 9, 1997
FACILITY NAME: CMS Phase IVLAND CLEARING & INERT DEBRIS LANDFILL

8. This permit is not transferable.

9. The following requirements shall be met **prior** to receiving solid waste, at the site:

   a. A site inspection and pre-operative meeting shall be conducted by a representative of the Solid Waste Section.

   b. A sign shall be posted at the entrance as required by the NC Solid Waste Management Rules Operational Requirements, 15A NCAC 13B .0566 (16).

   c. Beneficial fill shall be completed in the northern portion of Area 1, in accordance with plan sheet 3 of 4 and consistent with S&ME, Inc. permit application. Certification by the design engineer that the required fill materials have been placed in accordance with the approved plans.

10. Ground water quality at this facility is subject to the classification and remedial action provisions of 15 NCAC 2L.

11. An approved sedimentation and erosion control plan shall be obtained prior to the beginning of earth disturbing activities and all such activities shall be conducted in accordance with the Sedimentation Pollution Control Act of 1973 (15 NCAC 4) along with any other state, federal or local requirements.

12. Excavation, within the footprint of the disposal area(Area 1), at this facility is prohibited. All earth work shall be in accordance with the approved plan and consistent with the soils report by S&ME, Inc.. Beneficial fill shall be placed 5' from the sides of the 72" CMP that runs the length of the LCID landfill in accordance with the operations plan as stated on pages 2-1 and 2-2 Site Operations. Beneficial fill shall extend above this area(5' on each side of the pipe and over the 72" pipe) to the proposed final elevation of the site.

S&ME

April 8, 1997

North Carolina Department of Environment,
Health and Natural Resources
Division of Waste Management
401 Oberlin Road
Suite 150
Raleigh, North Carolina 27605

Attention: Mr. Jim Barber - Eastern Area Engineer

Reference: **Addendum No. 1 to CMS LCID Landfill**
Concord, North Carolina
S&ME Job No. 1356-97-182

Gentlemen:

On behalf of Charlotte Motor Speedway, S&ME, Inc. submits this addendum of the Permit Application for the above referenced proposed LCID landfill. Revisions outlined below shall be made to the original permit application (Permit Application-Charlotte Motor Speedway Land Clearing Inert Debris (LCID) Landfill) prepared by S&ME dated March 19, 1997.

1.1 Introduction

Page 1-1, First sentence; change "Solid Waste Permit 80-01" to "Solid Waste Permit 13-01".

1.3 Endangered Species

Page 1-2, Second sentence; change "Permit #80-01" to "Permit #13-01".

S&ME, Inc. 9751 Southern Pine Boulevard, Charlotte, North Carolina 28273, (704) 523-4726, Fax (704) 525-3953
Mailing address: P.O. Box 7668, Charlotte, North Carolina 28241-7668

Recycled Paper

2.2 Site Operations

Page 2-1, First paragraph; add the following sentence: "The LCID landfill is anticipated to be filled within one year."

2.5 Erosion and Sedimentation Control

Page 2-3, End of first sentence; add the following: "(Reference April 13, 1988 erosion and sedementation control approval letter to CMS Development Corporation from Mr. Jerry W. Cook of the State Land Quality Section)."

Permit Drawings

Replace the existing Sheet Nos. 3 and 4 with the attached revised Sheet Nos. 3 and 4.

Please contact us if you have any questions or need additional information regarding this addendum.

Sincerely,
S&ME, Inc.

Dan E. Brewer

NORTH CAROLINA PROFESSIONAL SEAL 17582 ENGINEER DAN E. BREWER

Dan E. Brewer, P.E.
Landfill Services Manager
N.C. Registration No. 17582

cc: Mr. Robert Davis - Charlotte Motor Speedway

RECEIVED
MA
SOLID WASTE MANAGEMENT
FAYETTEVILLE REGIONAL OFFICE

RECEIVED
MAR 20 1997
SOLID WASTE MANAGEMENT
FAYETTEVILLE REGIONAL OFFICE

APPROVED
CENTRAL FILE COPY

Date 4/9, 1997
Permit No. 13-D

PERMIT APPLICATION FOR CHARLOTTE MOTOR SPEEDWAY LAND CLEARING INERT DEBRIS LANDFILL

Concord, North Carolina
S&ME Job No. 1356-97-182

Prepared For:

NCDEHNR - Division of Waste Management
Fayetteville, North Carolina

Prepared By:

S&ME, Inc.
P.O. Box 7668
Charlotte, N.C. 28241-7668

March 19, 1997

ATTACHMENT

List of Acronyms

AOS	Alternate Operating Scenario
BACT	Best Available Control Technology
Btu	British thermal unit
CEM	Continuous Emission Monitor
CFR	Code of Federal Regulations
CAA	Clean Air Act
DAQ	Division of Air Quality
DENR	Department of Environment and Natural Resources
EMC	Environmental Management Commission
EPA	Environmental Protection Agency
FR	Federal Register
GACT	Generally Available Control Technology
HAP	Hazardous Air Pollutant
MACT	Maximum Achievable Control Technology
NCAC	North Carolina Administrative Code
NCGS	North Carolina General Statutes
NESHAPS	National Emission Standards for Hazardous Pollutants
NO_X	Nitrogen Oxides
NSPS	New Source Performance Standard
OAH	Office of Administrative Hearings
PM	Particulate Matter
PM_{10}	Particulate Matter with Nominal Aerodynamic Diameter of 10 Micrometers or Less
POS	Primary Operating Scenario
PSD	Prevention of Significant Deterioration
SIC	Standard Industrial Classification
SIP	State Implementation Plan
SO_2	Sulfur Dioxide
tpy	Tons Per Year
VOC	Volatile Organic Compound

FAX TRANSMITTAL COVER SHEET

URGENT TRANSMISSION
Please Forward Immediately

S&ME
ENVIRONMENTAL SERVICES
ENGINEERING • TESTING

S&ME, INC.
1751 Southern Pine Blvd.(28273)
P.O. Box 7668
Charlotte, North Carolina 28241-7668
(704) 523-4726
Fax: (704) 525-3953

TO: Jim Barber

FIRM: NCDEHNR

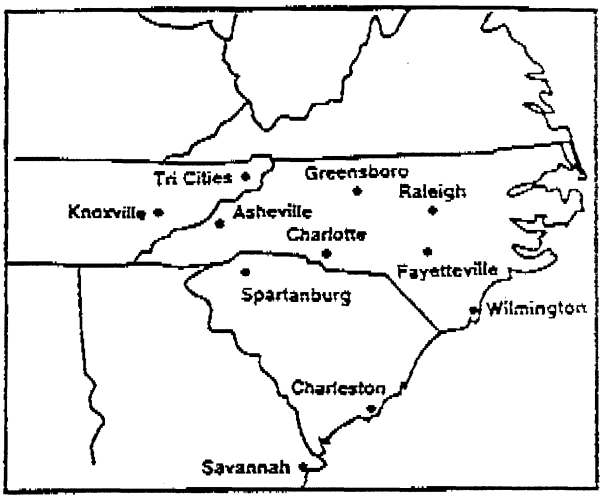
LOCATION:

FROM: Dan Brewer
CHARLOTTE, NORTH CAROLINA

DATE: 4/9/97 TIME: _____ am pm

RETURN FAX NUMBER: (704) 525-3953

NUMBER OF PAGES INCLUDING COVER SHEET: 5
(If all pages not received, call (704) 523-4726



COMMENTS: CMS LCID Addendum and E+S Letter

S&ME Project Number: _____

This cover sheet and the documents accompanying this telecopy transmission contain information from S&ME, Inc., which is confidential and legally privileged. The information is intended only for the use of the individual or entity named on this transmission sheet. If you are not the intended recipient, you are hereby notified that any disclosure, copying, distribution or the taking of any action in reliance on these documents is strictly prohibited.

S&ME

DATE 4-8-97
TYPED BY
MAILED BY mb. Overnight Barber
HAND DELIVERED BY
AUTHOR/SENIOR AUTHOR /
(INITIALS)

FILE COPY
THIS DOCUMENT DOES NOT LEAVE FILE

April 8, 1997

North Carolina Department of Environment,
Health and Natural Resources
Division of Waste Management
401 Oberlin Road
Suite 150
Raleigh, North Carolina 27605

Attention: Mr. Jim Barber - Eastern Area Engineer

Reference: **Addendum No. 1 to CMS LCID Landfill**
Concord, North Carolina
S&ME Job No. 1356-97-182

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S&ME, Inc. 9751 Southern Pine Boulevard, Charlotte, North Carolina 28273, (704) 523-4726, Fax (704) 525-3953
Mailing address: P.O. Box 7668, Charlotte, North Carolina 28241-7668

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Sincerely,
S&ME, Inc.

Dan E. Brewer

NORTH CAROLINA PROFESSIONAL SEAL 17582 ENGINEER DAN E. BREWER

Dan E. Brewer, P.E.
Landfill Services Manager
N.C. Registration No. 17582

cc: Mr. Robert Davis - Charlotte Motor Speedway

State of North Carolina
Department of Natural Resources and Community Development
Mooresville Regional Office

James G. Martin, Governor
S. Thomas Rhodes, Secretary

Albert F. Hilton, Regional Manager

DIVISION OF LAND RESOURCES
LAND QUALITY SECTION
April 13, 1988

CMS Development Corporation
Post Office Box 600
Concord, North Carolina 28025

Dear Sir:

This office has reviewed the erosion and sedimentation control plan submitted for the project as listed on page two. We find the plan to be acceptable and hereby issue this letter of approval.

Please be advised that NCAC Title 15 4B .0017(A) requires that a copy of the approved soil erosion control plan be on file at the job site, and that inspections over the life of the project will be made to insure compliance with the approved plan.

The State's Sedimentation Pollution Control program is a performance oriented program requiring protection of the natural resources and adjoining properties. If, following commencement of this project, it is determined that the plan is inadequate to meet the requirements of General Statute 113A 51-66, this office may require revisions in the plan and its implementation so as to comply with the State law.

In recognizing the desirability of early coordination of sedimentation control, we believe that it would be beneficial if a pre-construction conference can be arranged to discuss the approved erosion and sedimentation control plan for this project. It would be appreciated if you would contact this office and let us know the date of construction start-up and date of the pre-construction conference.

Sincerely,

Jerry W. Cook (m.g.w)

Jerry W. Cook
Regional Engineer

919 North Main Street, P.O. Box 950, Mooresville, N.C. 28115-0950 • Telephone 704-663-1699

An Equal Opportunity Affirmative Action Employer

Project Name: CMS Development Corporation
Location: Harrisburg
County: Cabarrus
Person Responsible: CMS Development Corporation
Date Approved: April 13, 1988

cc: Anne Scott,
J. Gary Morgan Associates

LAND CLEARING AND INERT DEBRIS LANDFILL CHECKLIST

File Name CMS [redacted] LCID (CABARUS)

- [x] Application Received — Date 3/20/97
- [x] Acknowledgement Letter — Date _____
  - [ ] Written Report
  - [ ] Siting Aerial Photo/Map
  - [ ] Plans, Details, and Specifications
  - [ ] Operations Plan
  - [ ] Zoning Letter
  - [ ] Legal Description or Recording Map
- [ ] Completeness Letter & Comments — Date _____
  - [ ] _____
  - [ ] _____
  - [ ] _____
  - [ ] _____
- [ ] Completeness Items Received — Date _____
- [ ] Technical Review Letter & Comments — Date _____
  - [ ] _____
  - [ ] _____
  - [ ] _____
  - [ ] _____
- [ ] Technical Review Completed — Date _____
- [ ] Issue Permit Number: _____ — Date _____
  - [ ] Cover Letter
  - [ ] Original Permit
  - [ ] Original Permit Conditions
  - [ ] Original Legal Description or Recording Map
  - [ ] Notary Certification for Permit Copy
  - [ ] Certified Copy Permit
  - [ ] Certified Copy Permit Conditions
  - [ ] Certified Copy Legal Description or Recording Map
  - [ ] Original Plans To Applicant
  - [ ] Plans and Permit To Central Files
  - [ ] Plans and Permit To Regional Office
  - [ ] Plans and Permit To Waste Management Specialist
  - [ ] Solid Waste System Information Form
- [ ] Receive Filing From Register of Deeds — Date _____

LCID LANDFILL CHECKLIST

File Name CMS LCID

.0564 SITING CRITERIA FOR LAND CLEARING AND INERT DEBRIS (LCID) LANDFILLS

The following siting criteria shall apply for Land Clearing and Inert Debris (LCID) landfills:

☑ (1) Facilities or practices, shall not be located in the 100-year floodplain.

☑ (2) Facilities or practices shall not cause or contribute to the taking of any endangered or threatened species of plants, fish, or wildlife.

☑ (3) Facilities or practices shall not result in the destruction or adverse modification of the critical habitat of endangered or threatened species as identified in 50 CFR Part 17 which is hereby incorporated by reference including any subsequent amendments and editions. This material is available for inspection at the Department of Environment, Health, and Natural Resources, Division of Solid Waste Management, 401 Oberlin Road, Raleigh, North Carolina 27605 where copies can be obtained at no cost.

☑ (4) Facilities or practices shall not damage or destroy an archaeological or historical site.

☑ (5) Facilities or practices shall not cause an adverse impact on a state park, recreation or scenic area, or any other lands included in the state nature and historic preserve.

☑ (6) Facilities shall not be located in any wetland as defined in the Clean Water Act, Section 404(b).

☑ (7) It must be shown that adequate suitable soils are available for cover, either from on or off site.

☑ (8) Land Clearing and Inert Debris landfills shall meet the following surface and ground water requirements:

- ☑ (a) Facilities or practices shall not cause a discharge of pollutants into waters of the state that is in violation of the requirements of the National Pollutant Discharge Elimination System (NPDES), under Section 402 of the Clean Water Act, as amended.
- ☑ (b) Facilities or practices shall not cause a discharge of dredged materials or fill material into waters of the state that is in violation of the requirements under Section 404 of the Clean Water Act, as amended. (NO EXCAVATION)
- ☑ (c) Facilities or practices shall not cause non-point source pollution of waters of the state that violates assigned water quality standards. (COVERED UNDER SITE NPDES)

(d) Waste in landfills with a disposal area greater than two acres shall be placed a minimum of four feet above the seasonal high water table, except where an alternative separation is approved by the Division.

(e) Waste in landfills with a disposal area less than two acres shall be placed above the seasonal high water table.

(9) The facility shall meet the following minimum buffer requirements:

(a) 50 feet from the waste boundary to all surface waters of the state as defined in G.S. 143-212.

(b) 100 feet from the disposal area to property lines, residential dwellings, commercial or public buildings, and wells.

(c) Buffer requirements may be adjusted as necessary to insure adequate protection of public health and the environment.

(10) The facility shall meet all requirements of any applicable zoning ordinance.

.0565 APPLICATION REQUIREMENTS FOR LAND CLEARING AND INERT DEBRIS (LCID) LANDFILLS

Five sets of plans, maps, and reports shall be required with each application. The seal of a professional engineer is required when submitting plans for a Land Clearing and Inert Debris (LCID) landfill.

(1) The following information is required in order to review and approve the siting of a Land Clearing and Inert Debris (LCID) landfill:

(a) An approval letter from the unit of local government having zoning authority over the area where the facility is to be located stating that the site meets all of the requirements of the local zoning ordinance, or that the site is not zoned.

(b) Location on a county road map.

(c) Information showing that the bottom elevation of the waste shall be four feet above the seasonal high water table. Seasonal high water table elevations shall be obtained from on site test borings, test pits, or from other geological or water table investigations, studies, or reports from the immediate area of the proposed facility.

(d) A written report indicating that the facility shall comply with all the requirements set forth under Rule .0564.

(e) A copy of the deed or other legal description of the site that would be sufficient as a description in an instrument of conveyance, showing property owner's name.

(f) Any other information pertinent to the suitability of the proposed facility.

(2) The following shall be provided on a map or aerial photograph with a scale of at least one inch equals four hundred feet showing the area within one-fourth mile of the site:

☑ (a) Entire property or portion thereof owned or leased by the person providing the disposal site.

☑ (b) Location of all homes, buildings, public or private utilities, roads, wells, watercourses, water or other impoundments, and any other applicable features or details.

☑ (c) 100-year flood plain boundaries, if any.

☑ (d) Wetland boundaries, if any.

☑ (e) Historical or archaeological sites, if any.

☑ (f) Park, scenic, or recreation area boundaries, if any.

☑ (3) Development and design plans and details, at a scale of at least one inch equals one hundred feet with one inch equals forty feet preferred, and specifications containing the following information shall be submitted with the application for a proposed Land Clearing and Inert Debris (LCID) landfill:

? ☑ (a) Property or site boundary, fully dimensioned with bearings and distances, tied to North Carolina grid coordinates where reasonably feasible. (LOCATED IN PERMIT APPLICATION IN CF FOR CMS IV 013-

☐ (b) Easements and right-of-ways.

☑ (c) Existing pertinent on site and adjacent structures such as houses, buildings, wells, roads and bridges, water and sewer utilities, septic fields, and storm drainage features.

☑ (d) Proposed and existing roads, points of ingress and egress along with access control such as gates, fences, or berms.

☑ (e) Buffer and set back lines along with the buffered boundary or feature.

☑ (f) Springs, streams, creeks, rivers, ponds, and other waters and impoundments.

☑ (g) Wetlands, if any.

☑ (h) Boundary of the proposed waste area.

☑ (i) Existing topography with contours at a minimum of five foot intervals. Where necessary, a smaller interval shall be utilized to clarify existing topographic conditions.

? ☑ (j) Proposed excavation, grading, and final contours at a minimum of five foot intervals. Where necessary, a smaller interval shall be utilized to clarify proposed grading. Excavation, grading, and fill material side slopes shall not exceed three to one (3:1). (NO EXCAVATION)

☑ (k) Where on site borrow for operational and final cover is proposed, indicate the borrow excavation and grading plan with contours at a minimum of five foot intervals. Where necessary, a smaller interval shall be utilized to clarify proposed grading.

☑ (l) Proposed surface water control features and devices such as slope drains, storm water pipes, inlets, culverts, and channels.

? NEED LTR.

☑(m) Information showing that the project meets the requirements of 15A NCAC 4, Sedimentation Control Rules.

☑(n) Location of test borings or test pits, if used to determine the seasonal high water table elevation, shall be shown on the plans.

☑(o) A minimum of two cross-sections, one each along each major axis, per operational area showing:

- ☑(i) Original elevations.
- ☑(ii) Proposed excavation.
- ☑(iii) Proposed final elevations.

☑(4) An operational plan addressing the requirements under Rule .0566 and containing the following information shall be submitted with the application for a proposed Land Clearing and Inert Debris (LCID) landfill:

☑(a) Name, address, and phone number of individual responsible for operation and maintenance of the facility.

☑(b) Projected use of the land after completion.

☑(c) Description of systematic usage of disposal area, operation, orderly development and closure of the landfill.

☑(d) Type, source, and quantity of waste to be accepted.

? TIME, AMOUNT

☐(e) An emergency contingency plan, including fire fighting procedures.

.0566 OPERATIONAL REQUIREMENTS FOR LAND CLEARING AND INERT DEBRIS (LCID) LANDFILLS

Land Clearing and Inert Debris (LCID) landfills shall meet the following operational requirements:

☑(1) Operational plans shall be approved and followed as specified for the facility.

☐(2) The facility shall only accept those solid wastes which it is permitted to receive.

☑(3) Solid waste shall be restricted to the smallest area feasible and compacted as densely as practical into cells.

☑(4) Adequate soil cover shall be applied monthly, or when the active area reaches one acre in size, whichever occurs first.

☑(5) 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. The Division may require further action in order to correct any condition which is or may become injurious to the public health, or a nuisance to the community.

☑(6) Adequate erosion control measures, structures, or devices shall be utilized to prevent silt from leaving the site and to prevent excessive on site erosion.

☑ (7) 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.

☑ (8) The facility shall be adequately secured by means of gates, chains, berms, fences, etc. to prevent unauthorized access except when an operator is on duty. An attendant shall be on duty at all times while the landfill is open for public use to assure compliance with operational requirements and to prevent acceptance of unauthorized wastes.

☑ (9) Access roads shall be of all-weather construction and properly maintained.

☑ (10) Surface water shall be diverted from the working face and shall not be impounded over waste.

☑ (11) Solid waste shall not be disposed of in water.

☑ (12) Open burning of solid waste is prohibited.

☑ (13) The concentration of explosive gases generated by the facility shall not exceed:

- ☑ (a) Twenty-five percent of the lower explosive limit for the gases in facility structures.
- ☑ (b) The lower explosive limit for the gases at the property boundary.

☑ (14) Leachate shall be properly managed on site through the use of current best management practices.

☑ (15) Should the Division deem it necessary, ground water or surface water monitoring, or both, may be required as provided for under Rules .0601 and .0602 of this Subchapter.

☑ (16) A sign shall be posted at the facility entrance showing the contact name and number in case of an emergency and the permit number. The permit number requirement is not applicable for facilities not requiring an individual permit.

C:\SESSOMS\PROJECTS\MISC\LCID-CK.LST

Jim Barber

Book 1348 page 102

22957

CLOSURE NOTICE

STATE OF NORTH CAROLINA

COUNTY OF Cabarrus

BEFORE THE DIVISION OF
SOLID WASTE MANAGEMENT
DEPARTMENT OF ENVIRONMENT,
HEALTH AND NATURAL RESOURCES

IN RE:

PROPERTY OF)
)
Charlotte Motor Speedway, Inc.) NOTICE OF CLOSED UNPERMITTED
) SOLID WASTE DISPOSAL SITE
)
LOCATED IN)
No. 2 Township)

NOTICE IS HEREBY GIVEN THAT SOLID WASTE HAS BEEN BURIED ON THE HEREINAFTER DESCRIBED PROPERTY OF

Charlotte Motor Speedway, Inc.
PO Box 600
Concord, NC 28060-600

AT THE LOCATION DESCRIBED UPON THE ATTACHED MAP PREPARED BY Joseph R. Bruno, Jr., REGISTERED LAND SURVEYOR, AND RECORDED IN MAP BOOK 1301, PAGE 71.

Bounded on the West, and Northwest by U.S. Highway No. 29; on the North, Northeast and Southeast by Rocky River; on the Northeast and East by the lands now or formerly owned by W.W. Morris Estate, Silas Freeze Estate and Z.A. Morris Estate, and on the Southwest by the road leading from said U.S. Highway No. 29 to U.S. Highway No. 29-A and Harrisburg and commonly known as "Harrisburg Road", containing 551.27 acres, more or less, and more particularly described by metes and bounds as follows:

BEGINNING at a point in the center line of Rocky River, which point is also in the center line of the bridge on the northbound lane of said U.S. Highway No. 29; and running thence down and along the center line of said Rocky River and with its meanders to the point in the center line of said river, which is the northeasterly corner of the lands now or formerly owned by the W.W. Morris Estate; thence with the line of said W.W. Morris Estate land in a southwesterly direction 167.5 feet to a Beechnut tree on the southerly bank of said river; thence with three lines of said W.W. Morris Estate lands as follows:

(1) S. 50 deg. 45 min. W. 162 feet to a stake: (2) S. 75 deg. 35 min. W. 400 feet to a flint rock; (3) S. 13 deg. E. 2110 feet to a R.O., a corner of the lands now or formerly owned by Silas Freeze Estate; thence with the line of said Freeze land S. 60 deg. 30 min. W. 576 feet to a flint rock, a corner of the lands now or formerly owned by the Z.A. Morris estate, thence with the line of said Z.A. Morris land

S. 57 deg. 30 min. W. 800 feet to an iron stake in said Harrisburg Road; thence with said Harrisburg Road in 2 calls as follows: (1) N. 41 deg. 30 min. W. 3090 feet to a stake in or near the northerly edge of said Harrisburg Road; thence (2) N. 65 deg. 15 min. W. 2348 feet to a stake in the center line of said Harrisburg Road, which stake is in U.S. Highway No. 29 at a point which was the center line of the old Charlotte-Concord highway; thence with and along said U.S. Highway No. 29 in 4 calls as follows: (1) N. 32 deg. E. 2232.5 feet to a stake, (2) N. 43 deg. 30 min. E. 618 feet to a stake; (3) N. 62 deg. 45 min. E. 186.5 feet to a stake, and (4) N. 61 deg. 15 min. E. 2978 feet to the point or place of BEGINNING: being and including and the parties of the first part do hereby convey, the following tracts of land: (1) the tract of land containing 530.70 acres, more or less, which is described as "Second Tract" in that certain deed from John L. Morehead and wife and others to Louie J. Tallaferro and others dated November 30, 1935 which is recorded in deed Book 134, Pages 347 et. seq. in the office of the Register of Deeds for Cabarrus County, N.C.; (2) the tract of land containing 20.57 acres, more or less, as described in and conveyed by that certain deed from John L. Morehead and wife and others to Sarah J. Morson, dated May 1, 1940, and which is recorded in Deed Book 155, Pages 510 et. seq. in said Register's office and (3) the tract described and referred to in that certain deed from the Board of Education of Cabarrus County to Sarah J. Morson, dated November 30, 1948 and which is recorded in Deed Book 214, Page 481 in said Register's Office. Reference is also made to the following deeds as recorded in said Register's Office; Deed from Louie J. Tallaferro and others to Stuart J. Tallaferro, recorded in Deed Book 145, Book 561; deed from Louie J. Tallaferro and others to Sarah J. Morson, recorded in Deed Book 145, Page 548; deed from Stuart J. Tallaferro and others to Louie J. Tallaferro recorded in Deed Book 145 Page 549; deed from Louie J. Tallaferro and others to Morehead Jones recorded in Book 139, Page 334 and Deed from Morehead Jones to Catherine M. Jones, his wife, recorded in Deed Book 251, pages 59 et. seq. in said Register's Office. The conveyance of the above described land is made subject to the right-of-way easements of the several roads or highways hereinbefore referred to and to the rights-of-way here-to-fore granted to Duke Power Company and other public utilities, if any. Being in all respects the same property conveyed to Henderson Investment Company by Deed dated February 15, 1955 from Mrs. Louie J. Tallaferro, widow, et. al., recorded in Book 262, Page 93 in the Office of the Register of Deeds for Cabarrus County, North Carolina, to which reference is hereby made. And also being in all respects the same property conveyed to the parties of the first part by Deed dated August 20, 1958 and recorded in Book 283, Page 546 in the Office of the Register of Deeds for Cabarrus County, North Carolina.

When the property, or any part of this property on which solid waste has been buried, is conveyed, grantor shall place the following language upon the deed, in no smaller type than that used in the body of the deed:

> "This is notification that solid waste has been disposed on this property. See Closure Notice Recorded at Book ____, Page ____. Questions concerning this matter may be directed to the

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North Carolina Department of Environment, Health, and Natural Resources, Division of Waste Management, Solid Waste Section, P. O. Box 27687, Raleigh, North Carolina 27611-7687."

This Closure Notice is not a permit for solid waste disposal, and is not to be construed as a permit for a disposal facility. The site has never been a permitted solid waste disposal site, and has come to the attention of the Solid Waste Section in the context of closure of open dumps, pursuant to 15A N.C. Admin. Code 13B .0502.

The sole purpose of recording this Closure Notice is to give actual and constructive notice to subsequent purchasers of this property of disposal of solid waste on the portion of this property described herein, in order to reduce any risk to public health or the environment by the improper disturbance of the waste.

After recording, this original instrument, affixed with the seal of the Register of Deeds, together with the date, book and page number of recording, shall be returned to:

The Solid Waste Section
Solid Waste Management
8025 North Point Blvd.
Suite 100
Winston-Salem, N.C. 27106

Julian M. Foscue, III

Book 1348 page 111

NORTH CAROLINA

Davie COUNTY

I, Velda H. Myers, a Notary Public for said County and State, do hereby certify that Julian M. Foscue III personally appeared before me this day and acknowledged the due execution of the foregoing instrument.

Witness my hand and official seal, this the 16th day of November, 1994.

(OFFICIAL SEAL)

OFFICIAL SEAL
VELDA H. MYERS
NOTARY PUBLIC-NORTH CAROLINA
DAVIE COUNTY N. C.

Velda H. Myers
Notary Public

My Commission Expires: 2-25, 1998.

James Wesley Harris
Owner(s), Herein described land
(GRANTOR)

NORTH CAROLINA

Cabarrus COUNTY

I, Betty S. Robinson, a Notary Public for said County and State, do hereby certify that James Wesley Harris personally appeared before me this day and acknowledged the due execution of the foregoing instrument.

Witness my hand and official seal, this the 28th day of November, 1994.

(OFFICIAL SEAL)

BETTY S. ROBINSON
NOTARY PUBLIC
CABARRUS COUNTY, N.C.

Betty S. Robinson
Notary Public

My Commission Expires: Feb. 27, 1999.

NORTH CAROLINA — CABARRUS COUNTY

The foregoing (or annexed) certificate(s) of Velda H. Myers and Betty S. Robinson each, a notary public, ~~is~~ (are) certified to be correct. This the 19th day of December 1994.

CHARLES B. ROSS, REGISTER OF DEEDS

by: Joyce D. Yates Asst./~~Deputy~~

Book 1348 page 112

S&ME

October 6, 1994

State of North Carolina
Department of Environment, Health, and
Natural Resources
Division of Solid Waste Management
919 North Main Street
Mooresville, North Carolina 28115

ATTENTION: Mr. Rick Doby - Waste Management Specialist

Reference: Charlotte Motor Speedway, Inc. LCID Landfill Closures
S&ME Job No. 1356-94-728

Gentlemen:

S&ME has completed certification of final cover placed over two LCID landfill sites at the Charlotte Motor Speedway (CMS) as referenced in Mr. Rick Doby's letter addressed to Mr. Wes Harris (of CMS) dated August 4, 1994. Six test holes were performed by CMS personnel at random locations at the two LCID landfill sites. S&ME personnel visited each site and measured the final cover thickness at each test hole. No waste was visible at the bottom of each test hole. The measured thickness of final cover for each test hole is included in the attached table.

For the purpose of this letter, Area I is the site closest to Highway 29 and Area II is located south of Area I. ESP Associates, P.A. performed a survey of the LCID landfill boundaries and also documented the general locations of the test holes at each site

S&ME, Inc. 9751 Southern Pine Boulevard, Charlotte, North Carolina 28273, (704) 523-4726, Fax (704) 525-3953
Mailing address: P.O. Box 7668, Charlotte, North Carolina 28241-7668

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Book 1348 Page 1

CHARLOTTE MOTOR SPEEDWAY, INC.
C&D LANDFILL CLOSURE
TEST HOLE RESULTS

All measurements were taken on 5/13/94

AREA I

HOLE #	MEASURED DEPTH OF COVER
I–1	28 IN.
I–2	33 IN.
I–3	28 IN.
I–4	28 IN.
I–5	33 IN.
I–6	31 IN.

AREA II

HOLE #	MEASURED DEPTH OF COVER
II–1	29 IN.
II–2	30 IN.
II–3	32 IN.
II–4	30 IN.
II–5	29 IN.
II–6	29 IN.

NO WASTE WAS OBSERVED AT THE BOTTOM OF EACH TEST HOLE.
THEREFORE, MEASURED DEPTH OF COVER VALUES ARE MINIMUM VALUES.

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(survey is attached with this letter). The attached survey has been recorded with the registrar of deeds for the City of Concord for proper recordation of the landfill sites. A A copy of the registered survey was sent to Mr. Doby under separate cover by Mr. Wes Harris.

During our site visit, approximately 3 feet of additional final cover material was being placed over the entire surface of Area II. The six test holes were located in an area that had not received this additional cover and were verified for a minimum 2-foot thickness.

Based on our site visit and test hole measurements, we can verify that a minimum of two feet of final cover has been placed over both Area I and Area II. The final surfaces have been seeded and temporarily stabilized with straw/mulch. If you should have any questions or require additional information concerning this letter or attachments, please contact us.

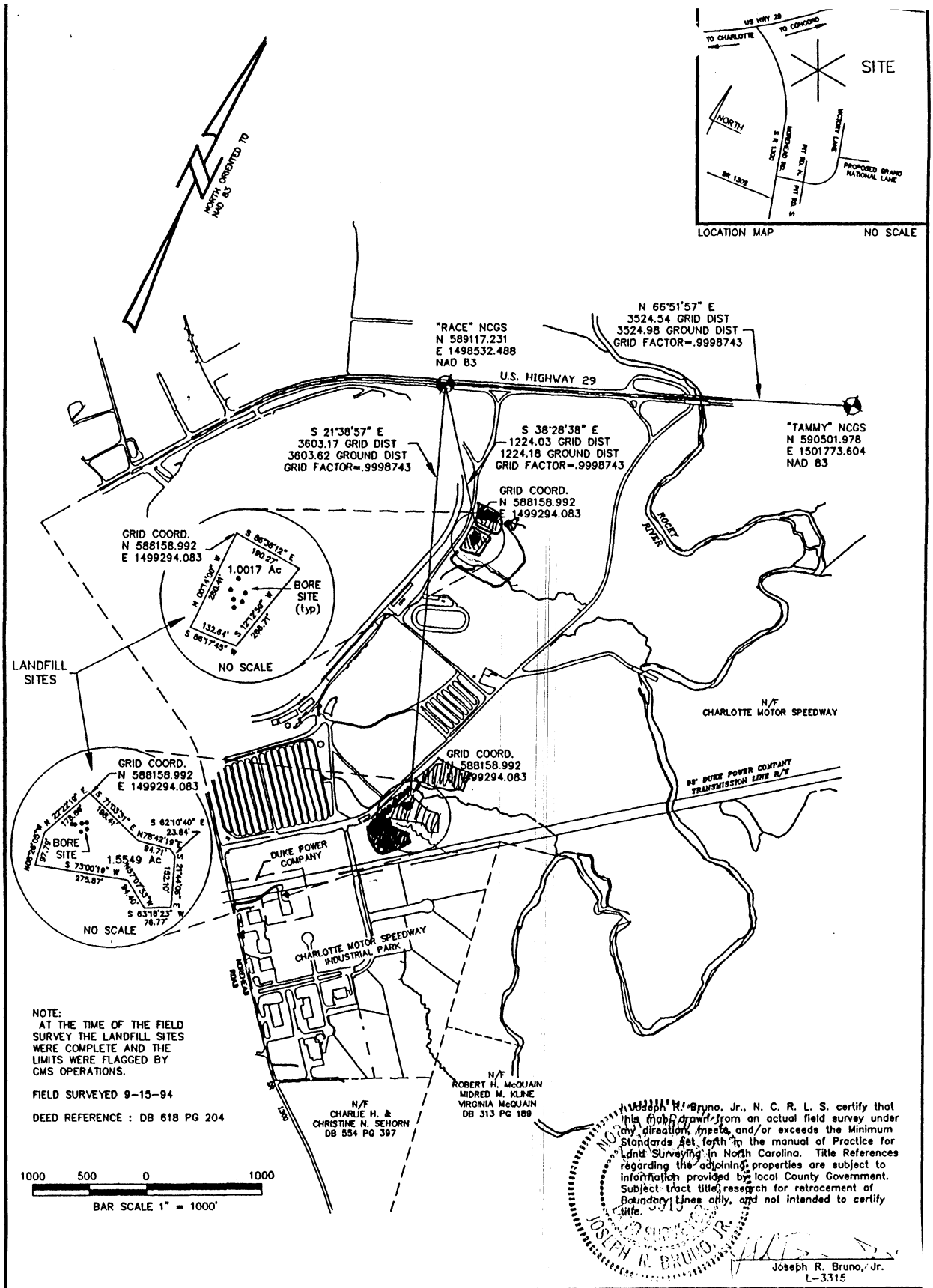
Sincerely,

S&ME, Inc.

David W. Wasiela, E.I.T.
Project Manager

Jack J. Amar, P.E.
Senior Registered Engineer
Branch Manager

cc: Mr. Wes Harris - Vice President of Operations/Charlotte Motor Speedway Inc.



NOTE:
AT THE TIME OF THE FIELD SURVEY THE LANDFILL SITES WERE COMPLETE AND THE LIMITS WERE FLAGGED BY CMS OPERATIONS.

FIELD SURVEYED 9-15-94

DEED REFERENCE : DB 618 PG 204

Joseph R. Bruno, Jr., N. C. R. L. S. certify that this map was drawn from an actual field survey under my direction, meets and/or exceeds the Minimum Standards set forth in the manual of Practice for Land Surveying in North Carolina. Title References regarding the adjoining properties are subject to information provided by local County Government. Subject tract title research for retracement of Boundary Lines only, and not intended to certify title.

NORTH CAROLINA L.S. JOSEPH R. BRUNO, JR.

Joseph R. Bruno, Jr.
L-3315

ESP ASSOCIATES, P.A.
engineering · surveying · planning

10100 PARK CEDAR DR.-SUITE 164
P.O. BOX 700; PINEVILLE, N.C. 28134
(704) 542-7317

SURVEY OF
DEMOLITION LANDFILL
CHARLOTTE MOTOR SPEEDWAY

CHARLOTTE MOTOR SPEEDWAY
TOWNSHIP No. 2
CARARRUS CO., NORTH CAROLINA

Scale:	1" = 1000'
Date	9-15-94
Drawing No.	CMS-BORE
Job No.	IE29

Project No.	Designed By	Drawn By	Project-Mngr.	Checked By	Sheet	Of
IE29		D.Weirich	JRB	JRB	1	1

No.	Date	By	Revision

RECEIVED
MA...
SOLID WASTE MANAGEMENT
FAYETTEVILLE REGIONAL OFFICE

RECEIVED
MAR 20 1997
SOLID WASTE MANAGEMENT
FAYETTEVILLE REGIONAL OFFICE

APPROVED
CENTRAL FILE COPY

Date 4/9, 19 97
Permit No. 13-D

PERMIT APPLICATION FOR CHARLOTTE MOTOR SPEEDWAY LAND CLEARING INERT DEBRIS LANDFILL

Concord, North Carolina
S&ME Job No. 1356-97-182

Prepared For:

NCDEHNR - Division of Waste Management
Fayetteville, North Carolina

Prepared By:

S&ME, Inc.
P.O. Box 7668
Charlotte, N.C. 28241-7668

March 19, 1997

March 19, 1997

North Carolina Department of Environment,
Health and Natural Resources
Division of Waste Management
225 Green Street
Suite 601
Fayetteville, North Carolina 28301

ATTENTION: Mr. Jim Barber - Eastern Area Engineer

Reference: **PERMIT APPLICATION - CHARLOTTE MOTOR SPEEDWAY LAND CLEARING INERT DEBRIS (LCID) LANDFILL**
Concord, North Carolina
S&ME Job No. 1356-97-182

Gentlemen:

On behalf of Charlotte Motor Speedway, S&ME, Inc. submits this Permit Application for the above referenced proposed LCID landfill. Included in this application is the necessary information to satisfy the North Carolina Solid Waste Management Rules, Sections .0564, .0565 and .0566 of 15A NCAC 13B as amended through January 4, 1994. Section 1.0 of this application package addresses the requirements within Rules .0564 and .0565 while Section 2.0 addresses the requirements of Rule .0566.

S&ME, Inc. 9751 Southern Pine Boulevard, Charlotte, North Carolina 28273, (704) 523-4726, Fax (704) 525-3953
Mailing address: P.O. Box 7668, Charlotte, North Carolina 28241-7668

Recycled Paper

Please contact us if you have any questions or need additional information regarding this application.

Sincerely,

S&ME, Inc.

Dan E. Brewer

Dan E. Brewer, P.E.
Landfill Services Manager
N.C. Registration No. 17582

cc: Mr. Robert Davis - Charlotte Motor Speedway

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APPENDICES

- I Legal Description and Siting Criteria Information
- II Previous Soil Test Borings
- III Drawings

1.0 SITING CRITERIA

1.1 Introduction

Charlotte Motor Speedway is proposing to permit a Land Clearing & Inert Debris (LCID) landfill between CMS Landfill IV, Phases A and C (Reference Solid Waste Permit ~~80-011~~ 13- ROWAN ?) located in Concord, North Carolina. The site is located within the property boundaries of Charlotte Motor Speedway east of the speedway and south of U.S. Highway 29. A legal description of the property is contained in Appendix I of this application for permit. The LCID landfill will be operated by Wes-Ben Company of Robbinsville, North Carolina.

The proposed landfill area encompasses approximately 9 acres. Since the proposed fill area will extend beyond two acres, a LCID landfill permit will be required to begin disposal operations. The information contained within this application has been prepared to conform to the siting and design criteria of the Solid Waste Management Rules .0564 and .0565.

1.2 Floodplain Boundary

The proposed LCID landfill is located outside of the 100-yr floodplain of the nearby Rocky River. S&ME personnel reviewed the FEMA flood maps for this area and found the site to be located above elevation 571 MSL that designates the 100-year floodplain for this area. Therefore, as required by the Division, the proposed LCID landfill area is not located in a floodplain.

1.3 Endangered Species

As required by the North Carolina Solid Waste Management Rules .0564 (2) and (3), the proposed LCID landfill is not located in an area that will threaten an endangered species or result in destruction or adverse modification of the critical habitat of an endangered species. The absence of endangered or threatened species and habitats was verified during the permitting of CMS Landfill IV (Reference Permit #~~80-01~~ 13-). A copy of a letter from the North Carolina Division of Parks and Recreation is included in Appendix I.

1.4 Archeological, State Nature and Historic Preserve

As required by the North Carolina Solid Waste Management Rules .0564(4) and (5), the proposed landfill site will not damage or destroy an archeological or historical site nor is the site a potential adverse impact to a State park, recreation or scenic area, or any other lands included in the state nature and historic preserve. The absence of archeological and historical sites was verified during the permitting of CMS Landfill IV. A copy of a letter from the North Carolina Department of Cultural Resources is included in Appendix I.

1.5 Wetlands

The proposed LCID site does not include any wetlands areas. As required by the Division of Solid Waste Management Rules .0564(6), the proposed LCID landfill area is not located in a wetlands area. A S&ME environmental scientist visited the proposed site on February 7, 1997 to delineate nearby wetlands and mark the boundaries of the wetland areas. ESP Associates, P.A. (Charlotte, North Carolina) surveyed the delineated boundaries for recordation purposes. The boundaries of the wetlands are shown on the Existing Site Conditions plan and Proposed Final Contours plan, Sheets 2 and 3, in Appendix III.

1.6 Borrow Soil

Off-site borrow soils are available to the proposed LCID landfill operator from various contractors that intend to use the landfill for disposal purposes.

1.7 Groundwater Separation

As required by the North Carolina Solid Waste Management Rules .0564 (8)(d), waste must be placed a minimum of four feet above the seasonal high groundwater table. The proposed LCID landfill will be founded on-grade as depicted by the existing contours shown on the Existing Site Conditions Plan, Sheet 2, included in Appendix III. In order to verify appropriate groundwater separation, soil test borings with piezometers that were installed for the permitting of CMS Landfill IV were referenced. The appropriate soil test boring locations are shown on the Proposed Final Contours Plan, Sheet 3, in Appendix III. A copy of the soil test boring records utilized for this application are included in Appendix II. Groundwater levels are not anticipated to rise during and following the proposed landfill development due to increasing runoff and reducing infiltration of rainfall.

1.8 Buffer Requirements

As required by North Carolina Solid Waste Management Rules .0564 (9), the waste limits of the proposed LCID landfill area are not within 100-feet from the property boundaries. The proposed landfill area will maintain a minimum 50-foot buffer from the on-site wetland boundaries (reference Proposed Final Contours plan). A well defined drainage feature begins downstream of the wetland area and flows into the Rocky River. The Rocky River is located approximately 1,400 feet east of the proposed LCID site. Residential dwellings, commercial or public buildings and wells are not located within 100 feet of the proposed waste limits.

1.9 Local Zoning Requirements

As required by the North Carolina Solid Waste Management Rules .0564 (10), the local government zoning ordinances must be met. Appropriate zoning of the property was granted during the permitting of CMS Landfill IV.

1.10 Stormwater and Erosion & Sedimentation Control

As required by the North Carolina Solid Waste Management Rules .0564 (8)(a) there shall be no violations of the National Pollutant Discharge Elimination System (NPDES) under Section 402 of the Clean Water Act. Development of the proposed project is governed by NPDES General Permit NCG010000.

Erosion and sedimentation control for this area was approved during the permitting of CMS Landfill IV. In summary, runoff from this area will flow towards the east into the existing sediment basin area.

1.11 1/4 Mile Vicinity Map

A 1/4 Mile radius vicinity map has been produced from recent topographic maps. No groundwater supply wells are located within 500 feet of the site boundary. No structures with the exception of the race track(s), grandstands, and maintenance building exist within 1/4 mile of the site boundaries. Rocky River is located approximately 1,400 feet east of the site. The 100-year floodplain is located near elevation 571 MSL for this area. Therefore, the proposed LCID landfill area is not located in the floodplain. Historical and archeological sites, parks and scenic and recreational areas do not exist. Delineated wetland boundaries exist east of the LCID landfill limits. A copy of the 1/4 Mile Radius Map, Sheet 1, is included in Appendix III.

1.12 Development and Design Drawings

Drawings meeting the requirements of Rule .0565(3) are included in Appendix III. The drawings include the 1/4 Mile Radius Map, Existing Site Conditions plan, Proposed Final Contour plan and Cross Sections.

2.0 OPERATIONS PLAN

The proposed LCID landfill will be owned by Charlotte Motor Speedway (Concord, North Carolina) and operated by Wes-Ben Company. Operation of the landfill will be the responsibility of Mr. Wes Tramell and Mr. Ben Orr both of Wes-Ben Company, P.O. Box 1133, Robbinsville, North Carolina 28771, phone (704) 579-3540.

2.1 Waste Description

LCID waste is defined in Solid Waste Management Rules 15A NCAC 13B .0100 as solid waste which is generated solely from land clearing activities such as stumps, trees, limbs, brush, grass and other naturally occurring vegetative material and inert debris such as concrete, asphalt, brick, concrete block, uncontaminated soil, gravel and rock and unpainted/untreated wood.

2.2 Site Operations

LCID waste will be obtained from Wes-Ben Company for disposal. Waste will be placed in the landfill generally north to south. Loads will be dumped and compacted in-place by a wheel loader. Waste will not be disposed in areas of ponded water. Waste placement will be restricted to as small an area as practical. Waste will be covered at least every thirty days, if not sooner, with appropriate soil or fill cover.

Two areas have been designated to receive beneficial fill only. One area is at the bottom of the drainage feature where a minimum of four feet of beneficial fill is to be placed. This area is shaded on the Proposed Final Contours Plan. The second area to receive beneficial fill is denoted as 5 feet on both sides of the exiting storm drain pipe that is

located near the bottom of the drainage feature and connects the existing catch basin with the sediment basin area. Beneficial fill is defined as clean soil, concrete, concrete block and brick.

Waste will be covered with 6-inches of soil monthly or when the active area reaches one acre in size, whichever occurs first. Upon completion of disposal operations, the disposal area will be covered with a minimum two feet of compacted soil cover.

Wastes will be inspected at the landfill site by Wes-Ben Company personnel trained to identify unacceptable wastes. Personnel will be on duty at all times the landfill is open. A sign at the landfill entrance will be posted and will provide an emergency contact name and number. The facility permit number and a list of acceptable wastes will be clearly printed on the sign.

Access to the site is limited by locking gates that control access to the Charlotte Motor Speedway. Access roads to the LCID landfill area are paved for all weather access.

2.3 Fire Control

Open burning of waste within the LCID landfill limits is prohibited. Fires will be controlled by smothering with bare earth. Soil will be stockpiled adjacent to the active area for fire control.

2.4 Explosive Gas Monitoring

Gas Monitoring is not anticipated to be required at this time due to the waste stream consisting solely of land clearing and inert debris.

2.5 Erosion and Sedimentation Control

Erosion and sedimentation control devices were permitted in this area for the development of CMS Landfill IV. In summary, runoff from the proposed LCID landfill development will flow towards the east into the existing sediment basin area. Waste placement should be planned to provide positive drainage to the sediment basin. Temporary ditches may become necessary as the site is developed to provide drainage to the sediment basin. Temporary ditches should be installed whenever necessary to avoid ponding water.

Areas greater than two acres that reach final elevations and have received final cover shall be stabilized with an erosion resistant grass cover. Filling operations will be year round. Thus, seeding requirements will be adjusted on a seasonal basis. Embankment slopes shall be periodically inspected for erosion. All seeded areas will be fertilized, seeded and mulched as necessary to maintain a suitable vegetative cover.

The erosion control structures shall be inspected following every run-off producing rainfall and at least once a week. Repairs should be made immediately. Sediments accumulated in the basin should be removed when the level of sediment reaches approximately 1/2 of the structures' height. Trash or debris collected within the structure's spillways shall be removed immediately.

2.6 Site Closure

Upon completion of disposal activities, a final soil cover should be placed over the entire landfill. The final cover should be placed to a minimum thickness of two feet. The completed LCID landfill area should be graded in accordance with the Proposed Final Contours plan.

Placement of the final cover shall begin within 30 days of final receipt of waste unless otherwise approved by the Division of Waste Management. Following closure activities, the area will be maintained until construction activities cease. If the area is not further developed for parking areas, it will be maintained as grass land.

I

APPENDIX I

LEGAL DESCRIPTION AND SITING CRITERIA INFORMATION

Legal Description of Property

Letter from the North Carolina Department of Cultural Resources
Dated December 15, 1986

Letter from the North Carolina Division of Parks and Recreation
Dated December 18, 1986

STATE OF NORTH CAROLINA,
CABARRUS COUNTY

THIS DEED Made and entered into this 30th day of November, A.D.1935, by and between John L.Morehead and wife Louise N.Morehead, and Garrett Morehead (unmarried) of Mecklenburg County, North Carolina, and Catherine M.Cluett and husband; Robert Cluett III, of Rye, New York, parties of the first part, and Louie J.Taliaferro and husband, W.R.Taliaferro, Jr., Stuart J.Taliaferro and husband, C.D.Taliaferro, Morehead Jones and wife, Catherine M.Jones, all of Mecklenburg County, North Carolina, and Sarah J.Morson and husband, H.A.Morson, of Rockingham County, North Carolina. parties of the second part,WITNESSETH:

That the parties of the first part, in consideration of the sum of ten dollars ($10.00) to them in hand paid, and in further consideration of the conveyance to them by deed of even date herewith by the parties of the second part, of certain interests in land, have bargained and sold, and do hereby bargain, sell, give, grant and convey unto the said Louie J.Taliaferro, Stuart J Taliaferro, Morehead Jones, and Sarah J.Morson and their heirs a one-half undivided interest and estate in and to those certain lots or parcels of land, situate, lying and being in No.2 Township, Cabarrus County, State of North Carolina, and more particularly described and bounded as follows:

FIRST TRACT:Bounded by the lands now or formerly owned by W.D.Harry, F.S.Sloop, Jim Stowe, H.W.Caldwell, R.O.Caldwell, John L.Morehead, et al and more particularly described as follows: Beginning at a stone in the center line of the Old Charlotte-Concord Highway, a corner of the F.S.Sloop Estate lands, and in the line of the W.D.Harry Estate lands, and runs thence with the line of the Sloop land four calls as follows: (1) N. 61 deg. 15 min. W. 1039 feet to a rock; (2) N. 46 deg. 45 min. W. 564.5 feet to a rock; (3) N. 85 deg. 30 min. W. 1446 feet to a rock; (4) N. 71 deg. 30 min. W. 428.5 feet to a rock, a corner of the Jim Stowe land; thence with a line of the Jim Stowe land N. 35 deg. 30 min. W. 1829 feet to a rock, a corner of the H.W.Caldwell lands; thence with four lines of the H.W.Caldwell lands: (1) N. 62 deg. 30 min. E. 1150 feet to a dogwood; (2) N. 15 deg. W. 1433 feet to an iron stake; (3) N. 60 deg. W. 629 feet to a dogwood; (4) N. 78 deg. 30 min. W. 1200 feet to an iron stake, a corner of the R.O.Caldwell land; thence with two lines of the R.O.Caldwell land:(1) N. 1 W. 608 feet to an iron stake; (2) N. 20 deg. E. 767 feet to an iron stake, a corner of the lands of John L.Morehead and others; thence with three lines of same:(1) S. 53 deg. 30 min. E. 1715 feet to an iron stake; (2) S. 41 deg. 30 min. E. 2000 feet to an iron stake; (3) S. 44 deg. 30 min. E. 4006 feet to a take in the center line of the old Charlotte-Concord Highway; thence with the center line of said highway, S. 32 W. 1082 feet to the point or place of beginning, containing 277.72 acres, more or less, all as shown on the plat of the property known as "Morehead Farm" made by Reece Ira Long, Cabarrus County Surveyor, dated 1935.

Reserving and granting, however, unto the said John L.Morehead,Garrett Morehead, and Catherine M.Cluett, their heirs and assigns, the exclusive right and easement to go upon the tract of land just above described as "First Tract", and to prospect and explore for and to mine and take therefrom gold and gold bearing ores, subject, however, to the following terms and conditions, to wit:

(1) No damage shall be done to or upon said lands and premises other than may be reasonably necessary in the proper conduct of any such prospecting, exploration and mining operation, and in the event any mine, shaft and/or tunnel, shall be dug, same shall be so shored, propped up, supported and bolstered as to insure safety and preserve intact and useful the surface of the premises under which said mining operations may be conducted.

(2) After all costs and expenses of exploration, prospecting and mining operations shall have been paid from theproceeds of any such mining operations, the said Louie J.Taliaferro, Stuart J.Taliaferro, Morehead Jones, and Sarah J.Morson, their heirs and assigns, shall together receive and be paid 40 percentum of the net profits derived from such mining operation, or in the event of a lease, of such mining rights, 40 per cent. of the net proceeds of such lease. Settlement shall be made quarter annually on the first days of January, April,July and October of each year.

(3) If at any time after the first day of January, A.D.1946, active mining operations for gold shall not be carried on in good faith at any time for as long as six consecutive months, said mining and mineral rights and easements, granted and reserved as aforesaid, shall cease and determine, and all such mining and mineral rights shall thereupon and immediately vest in fee simple in Louie J.Taliaferro, Stuart J.Taliaferro, Morehead Jones, and Sarah J.Morson, their heirs and assigns.

SECOND TRACT:Beginning at a stake in the center line of Rocky River and also in the center line of the old Charlotte-Concord Highway, and runs thence along the center line of the said highway five calls as follows: (1) S. 69 W. 658 feet to an iron stake; (2) S. 88 deg. 15 min. W. 1787 feet to an iron stake; (3) S. 62 deg. 45 min. W. 625.5 feet to an iron stake; (4) S. 43 deg.30 min. W. 618 feet to an iron stake; (5) S. 32 deg. W. 2232.5 feet to a granite rock in the center line of the Harrisburg Road; thence along the center line of the Harrisburg Road, two calls as follows: (1) S. 65 deg. 15 min. E. 2328 feet to a granite rock; (2) S. 41 deg. 30 min. E. 3090 feet to an iron stake, a corner of the Z.A.Morris Estate lands; thence with the line of the Z.A.Morris lands N.

57 deg. 30 min. E. 800 feet to a flint rock, a corner of the Silas Freeze Estate Lands; thence N. 60 deg. 30 min. E. 576 feet to a R.O., a corner of the W.W. Morris Estate Lands; thence with four lines of same; (1) N. 13 W. 2110 feet to a flint rock; (2) N. 75 deg. 35 min. E. 400 feet to a stake; (3) N. 50 deg. 45 min. E. 162 feet to a beach nut tree on the bank of Rocky River; (4) thence in a northeasterly direction 167.5 feet to the center line of Rocky River; thence up and along the center line of the said Rocky River and with its meanders to the point or place of beginning, containing 530.70 acres, all as shown on plat of the property known as "Morehead Farm", made by Reece Ira Long, County Surveyor for Cabarrus County, dated 1935.

TO HAVE AND TO HOLD the aforesaid lots or parcels of land, together with all the privileges and appurtenances thereunto belonging or in any wise appertaining, unto the said Louie Jones Taliaferro, Stuart Jones Taliaferro, Morehead Jones and Sarah J. Morson, their heirs and assigns, to their only use and behoof forever, subject, however, to the mineral rights and easements granted and reserved in the first tract described as aforesaid.

And the said John L. Morehead, Garrett Morehead and Catherine M. Cluett, for themselves, their executors and administrators, covenant with the said Louie J. Taliaferro, Stuart J. Taliaferro, Morehead Jones, and Sarah J. Morson, their heirs executors, administrators, and assigns, that they have done nothing to impair or injuriously affect the title to the above described lands, and that they will warrant and defend the title to the same against the lawful claims of all persons claiming by, through or under them, subject, however, to the grant and reservation of the gold mining rights in the "First Tract" above described and as set forth above.

IN WITNESS WHEREOF, the parties of the first and second parts have hereunto set their hands and seals, all as of the day and year first above written.

Jno. L. Morehead----------(seal)

Louise N. Morehead----------(seal)

Catherine Morehead Cluett--------(seal)

Robert Cluett 3rd----------(seal)

Garrett Morehead----------(seal)

Louie Jones Taliaferro----------(seal)

W. R. Taliaferro, Jr.----------(seal)

Stuart J. Taliaferro----------(seal)

C. D. Taliaferro----------(seal)

Morehead Jones----------(seal)

Catherine M. Jones----------(seal)

Sarah J. Morson----------(seal)

H. A. Morson----------(seal)

STATE OF NORTH CAROLINA

MECKLENBURG COUNTY.

I, Laura A. McCafferty, a Notary Public for said County and State, do certify that John L. Morehead and Louise N. Morehead, his wife, personally appeared before me this day and acknowledged the due execution of the foregoing instrument; and the said Louise N. Morehead, wife of John L. Morehead, being by me privately examined, separate and apart from her said husband touching her voluntary execution of the same, doth state that she signed the same freely and voluntarily, without fear or compulsion of her said husband or any other person, and that she doth still voluntarily assent thereto.

Witness my hand and notarial seal, this 24th day of December, A.D. 1935.

Laura A. McCafferty, Notary Public

My commission expires Jan. 18, 1937

STATE OF NORTH CAROLINA

COUNTY OF MECKLENBURG

I, Laura A. McCafferty, a Notary Public for said County and State, do certify that Garrett Morehead personally appeared before me this day and acknowledged the due execution of the foregoing instrument.

Witness my hand and notarial seal this 24th day of December, A.D. 1935.

Laura A. McCafferty, Notary Public

My commission expires Jan. 18, 1937

STATE OF NORTH CAROLINA

MECKLENBURG COUNTY

THIS DEED Made this 12th day of June A.D., 1959 by and between

C. W. KIRKLAND and wife, BERNICE S. KIRKLAND, JAMES A. PALMER and wife, BELLE W. PALMER and JOHN CROSLAND, JR., and wife, PARKER SHACKELFORD CROSLAND, all of Mecklenburg County, North Carolina; and MYERS AUTOMOBILE SERVICE COMPANY,

a corporation organized and existing under and by the virtue of the laws of the State of North Carolina with its principal office located at Charlotte of the County of Mecklenburg and State of North Carolina, parties of the first part, and

CHARLOTTE MOTOR SPEEDWAY, INC.

a corporation organized and existing under and by the virtue of the laws of the State of North Carolina with its principal office located at Charlotte of the County of Mecklenburg and State of North Carolina, party of the second part,

WITNESSETH, That the said parties of the first part, in consideration of One Hundred Dollars and other valuable considerations ($100.00) to them paid by the party of the second part, the receipt of which is hereby acknowledged, have bargained and sold, and by these presents, doth grant, bargain, sell and convey unto the said party of the second part, its heirs, successors and assigns, all that certain tract or parcel of land, situate, lying and being in No. 2 Township, Cabarrus County, State of North Carolina, and more particularly described as follows:

Bounded on the West, and Northwest by U. S. Highway No. 29; on the North, Northeast and Southeast by Rocky River; on the Northeast and East by the lands now or formerly owned by W. W. Morris Estate, Silas Freeze Estate and Z. A. Morris Estate, and on the Southwest by the road leading from said U. S. Highway No. 29 to U. S. Highway No. 29-A and Harrisburg and commonly known as "Harrisburg Road", containing 551.27 acres, more or less, and more particularly described by metes and bounds as follows:

BEGINNING at a point in the center line of Rocky River, which point is also in the center line of the bridge on the northbound lane of said U. S. Highway No. 29; and running thence down and along the center line of said Rocky River and with its meanders to the point in the center line of said river, which is the northeasterly corner of the lands now or formerly owned by the W. W. Morris Estate; thence with the line of said W. W. Morris Estate land in a southwesterly direction 167.5 feet to a Beechnut tree on the southerly bank of said river; thence with three lines of said W. W. Morris Estate lands as follows:

(1) S. 50 deg. 45 min. W. 162 feet to a stake, (2) S. 75 deg. 35 min. W. 400 feet to a flint rock; (3) S. 13 deg. E. 2110 feet to a H. O., a corner of the lands now or formerly owned by Silas Freeze Estate; thence with the line of said Freeze land S. 60 deg. 30 min. W. 576 feet to a flint rock, a corner of the lands now or formerly owned by the Z. A. Morris Estate, thence with the line of said Z. A. Morris land S. 57 deg. 30 min. W. 800 feet to an iron stake in said Harrisburg Road; thence with said Harrisburg Road in 2 calls as follows: (1) N. 41 deg. 30 min. W. 3090 feet to a stake in or near the northerly edge of said Harrisburg Road, thence (2) N. 65 deg. 15 min. W. 2348 feet to a stake in the center line of said Harrisburg Road, which stake is in U. S. Highway No. 29 at a point which was the center line of the old Charlotte-Concord Highway; thence with and along said U. S. Highway No. 29 in 4 calls as follows: (1) N. 32 deg. E. 2232.5 feet to a stake, (2) N. 43 deg. 30 min. E. 618 feet to a stake; (3) N. 62 deg. 45 min. E. 186.5 feet to a stake, and (4) N. 61 deg. 15 min. E. 2978 feet to the point or place of BEGINNING; being and including and the parties of the first part do hereby convey, the following tracts of land: (1) the tract of land containing 530.70 acres, more or less, which is described as "Second Tract" in that certain deed from John L. Morehead and wife and others to Louie J. Taliaferro and others dated November 30, 1935, which is recorded in Deed Book 134, Pages 347 et seq. in the office of the Register of Deeds for Cabarrus County, N. C.; (2) the tract of land containing 20.57 acres, more or less, as described in and conveyed by that certain deed from John L. Morehead and wife and others to Sarah J. Morson, dated May 1, 1940, and which is recorded in Deed Book 155, Pages 510 et. seq. in said Register's office, and (3) the tract described and referred to in that certain deed from the Board of Education of Cabarrus County to Sarah J. Morson, dated November 30, 1948 and which is recorded in Deed Book 214, Page 481 in said Register's Office. Reference is also made to the following deeds as recorded in said Register's Office: Deed from Louie J. Taliaferro and others to Stuart J. Taliaferro, recorded in Deed Book 145, Page 551; deed from Louie J. Taliaferro and others to Sarah J. Morson, recorded in Deed Book 145, Page 548; deed from Stuart J. Taliaferro and others to Louie J. Taliaferror recorded in Deed Book 145, Page 549, deed from Louie J. Taliaferro and others to Morehead Jones recorded in Book 139, Page 334 and Deed from Morehead Jones to Catherine M. Jones, his wife, recorded in Deed Book 251, Pages 59 et seq. in said Register's Office. The conveyance of the above described land is made subject to the right-of-way easements of the several roads or highways hereinbefore referred to and to the rights-of-way heretofore granted to Duke Power Company and other public utilities, if any. Being in all respects the same property conveyed to Henderson Investment Company by Deed dated February 15, 1955 from Mrs. Louie J. Taliaferro, widow, et al, recorded in Book 262, Page 93 in the Office of the Register of Deeds for Cabarrus County, North Carolina, to which reference is hereby made. And also being in all respects the same property conveyed to the parties of the first part by Deed dated August 20, 1958 and recorded in Book 283, Page 546 in the Office of the Register of Deeds for Cabarrus County, North Carolina.

I.R.Stamp $93.50

To Have and to Hold, the aforesaid tract or parcel of land and all privileges and appurtenances thereto belonging, to the said party of the second part, its heirs, successors and assigns to its only use and behoof forever.

And the said parties of the first part for themselves, their successors and assigns, covenants with the party of the second part its heirs, successors and assigns, that they are seized of said premises in fee, and have right to convey the same in fee simple; and that the same are free and clear from all encumbrances, and that they will warrant and defend the said title to the same against the lawful claims of all persons whomsoever.

Except for the lien of that certain deed of trust dated August 20, 1958 to Leroy Robinson, Trustee for Henderson Investment Company in the original amount of $100,000.00, recorded in Mortgage Book 168, Page 361 of the Cabarrus County Public Registry, the unpaid balance of which deed of trust the parties of the first part hereby assumes and agrees to pay; and except for 1959 Cabarrus County taxes, which have been pro-rated between the parties hereto.

IN WITNESS WHEREOF, said parties of the first part have caused these presents to be signed in their name by their President, and their corporate seal to be hereto affixed and attested by their secretary the day and year first above written, all in pursuance of authority duly given by resolution of their Board of Directors of the parties of the first part, and the individual parties hereto have set their hands and seals.

C. W. Kirkland (SEAL)

Bernice S. Kirkland (SEAL)

James A. Palmer (SEAL)

Belle W. Palmer (SEAL)

/s/ John Crosland, Jr. (SEAL)
John Crosland, Jr.

/s/ Parker Shackelford Crosland (SEAL)
Parker Shackelford Crosland

MYERS AUTOMOBILE SERVICE COMPANY
/s/Dennis E. Myers
By _____
President

(Seal)

Attest:
/s/ Elizabeth G. Dutt
_____
Secretary

RECORD 312

STATE OF NORTH CAROLINA
COUNTY OF CABARRUS

THIS DEED Made this 7th day of October, 1960 by and between

RIVERVIEW ACRES CORPORATION, INC.,

a corporation organized and existing under the laws of the State of North Carolina with its registered office at Charlotte, Mecklenburg County, State of North Carolina, party of the first part, and

CHARLOTTE MOTOR SPEEDWAY, INC.,

a corporation organized and existing under the laws of the State of North Carolina with its registered office at Charlotte, Mecklenburg County, State of North Carolina, party of the second part,

W I T N E S S E T H :

That the said party of the first part, in consideration of One Hundred Dollars ($100.00) and other valuable considerations and the exceptions, reservations, restrictions, and conditions of defeasance and reverter hereinafter contained, has bargained and sold, and by these presents does grant, bargain, sell and convey unto the said party of the second part, its successors and assigns upon the terms and conditions, and for the uses and purposes, as hereinafter fully set forth, a non-exclusive private right of way for surface travel only for use by the party of the second part, its successors, assigns and persons with permission from them obtained, together with the right of free ingress, egress and regress, all in common with the said party of the first part (who retains as excepted from this grant all rights incident to the ownership of the fee simple estate not inconsistent with this grant of a non-exclusiveve private right of way), its successor-

and assigns and persons with permission from them obtained and occupiers now or hereafter of land adjacent presently owned by the party of the first part, over, across and upon that certain tract or parcel of land, situate, lying, and being in Number Two Township, Cabarrus County, North Carolina and more particularly described and defined as follows:

Lying on the waters of Rocky River, bounded on the North and northeast by Rocky River, and on the southeast by U.S. Highway No. 29, and more particularly described as follows:

Beginning at the point of intersection of the center of Rocky River and the center line of the south bound roadway of U S Highway No. 29, said point of beginning being S. 64° 53' 30" W. 68.0 feet from the easterly end of the bridge crossing the Rocky River as a part of the said south bound roadway of said U.S. Highway No. 29, and being N. 64° 53' 30" E. 140.3 feet from the westerly end of said bridge, and runs thence with the center lineof said south bound roadway of U.S. Highway No. 29 S. 64° 53' 30" W. 645.0 feet to a point; thence a new line N. 25° 06' 30" W. 291.0 feet to the center line of Rocky River; thence with the center line of Rocky River as it meanders inthe direction of its flow in four courses, (1) S. 86° 24' 20" E. 18.2 feet, (2) N. 70° 36' 10" E. 243.3 feet, (3) S. 88° 52' 10" E. 323.0 feet, (4) S. 65° 07' 00" E 150 feet to the point and place of Beginning,

together with the right to the party of the second part, its successors and assigns to pave any part of the surface of the above-described tract of land for roadway purposes and to make usual roadway improvements thereon, any such paving to be done and any such improvements to be made at the entire and sole expense of the party of the second part, its successors and assigns.

TO HAVE AND TO HOLD the aforesaid non-exclusive private right of way, to the said CHARLOTTE MOTOR SPEEDWAY, INC., its successors and assigns upon the following terms and conditions, and for the following uses and purposes, and none other, that is to say the non-exclusive private right of way hereby conveyed is to be used by the party of the second part, its successors and assigns solely as a private driveway and private means of access from the northern

roadway of U. S. Highway No. 29 to lands owned by the party of the second part, its successors or assigns lying to the south of U. S. Highway No. 29 and in part opposite the location of the land hereinabove described and only so long as the party of the second part, its successors or assigns conducts or in any manner operates on its or their property lying to the south of U. S. Highway No. 29, as aforesaid, as the major use thereof facilities for the conduct of public spectator activities to which the public at large may attend, notwithstanding a charge may be made for such attendance. In the event said non-exclusive private right of way should be used by the party of the second part, its successors or assigns other than solely as a private driveway and private means of access as aforesaid or in the event the party of the second part, its successors or assigns should fail for a period of one year to maintain on its or their property lying to the south of U. S. Highway No. 29, as the major use thereof, facilities for the conduct of public spectator activities as aforesaid, then and in one or more of said events, the non-exclusive private right of way hereby conveyed shall revert absolutely to the party of the first part, its successors or assigns.

IN WITNESS WHEREOF, said party of the first part has caused these presents to be signed in its name by its President, and its corporate seal to be hereto affixed and attested by its Secretary the day and year first above written, all in pursuance of authority duly given by resolution of the Board of Directors of the party of the first part.

ATTEST: RIVERVIEW ACRES CORPORATION

Frank Fowd Jr. Secretary

By J. David Bernhardt President

North Carolina Department of Cultural Resources

James G. Martin, Governor
Patric Dorsey, Secretary

Division of Archives and History
William S. Price, Jr., Director

December 15, 1986

Mr. Jack J. Amar, P.E.
Branch Manager
Soil & Material Engineers, Inc.
P. O. Box 7668
Charlotte, N.C. 28217

Attn: Raymond Saliba

Re: Proposed development area, US 29, S&ME Job No. 1351-86-312, Cabarrus County, ER 87-7576

Dear Mr. Amar:

Thank you for your letter of November 17, 1986 concerning the above project.

There are no known recorded archaeological sites within the project boundaries. However, the project area has never been systematically surveyed in order to determine the location or significance of archaeological resources.

It is recommended that a comprehensive survey be conducted by an experienced archaeologist to identify the presence and significance of archaeological remains that may be damaged or destroyed by the proposed project. Potential effects on unknown resources should be assessed prior to the initiation of construction activities.

Enclosed is a list of archaeological consultants who have conducted or expressed an interest in conducting contract work in North Carolina. Individual files providing additional information on the consultants may be examined at the Archaeology and Historic Preservation Section's Archaeology Branch, 421 North Blount Street. If additional names are desired, we recommend that you consult the current listing of the members of the Society of Professional Archeologists, or contact the society's current secretary/treasurer, Mr. William Lovis, Michigan State University Museum, East Lansing, Michigan 48824. Any of the above persons, or any other experienced archaeologist, may be contacted in order to conduct the recommended investigation.

109 East Jones Street • Raleigh, North Carolina 27611
(919) 733-7305

In addition, we have conducted a search of our files and are aware of no structures of historical or architectural importance located within the planning area.

The above comments are made pursuant to Section 106 of the National Historic Preservation Act of 1966, the Advisory Council on Historic Preservation's Regulations for Compliance with Section 106, codified at 36 CFR Part 800, and to Executive Order 11593, "Protection and Enhancement of the Cultural Environment."

Thank you for your cooperation and consideration. If you have questions concerning the above comment, please contact Ms. Renee Gledhill-Earley, Environmental Review Coordinator, at 919/733-4763.

Sincerely,

Renee Gledhill-Earley for

David Brook, Deputy State
Historic Preservation Officer

DB:slw

Enclosure

Copy sent copy to Jim D. ok 1/5/87

State of North Carolina
Department of Natural Resources and Community Development
Division of Parks and Recreation
512 North Salisbury Street • Raleigh, North Carolina 27611

James G. Martin, Governor
S. Thomas Rhodes, Secretary

Dr. William W. Davis
Director

December 18, 1986

Raymond E. Saliba
Jack J. Amar, P.E.
Soil & Material Engineers, Inc.
Post Office Box 7668
Charlotte, North Carolina 28217

Dear Messers Saliba and Amar:

Deborah Paul, of the North Carolina Nongame and Endangered Species Program, forwarded your letter regarding endangered and threatened species to us at the North Carolina Natural Heritage Program. Our database and maps show no record of endangered, threatened, or rare plants or animals within the boundaries of the proposed development area, just northwest of the Charlotte Motor Speedway. The site does, however, lie in the Concord Syenite Ring Dike area, a geomorphic feature of statewide and national significance. As the Natural Heritage Program's goal is to preserve the natural diversity of North Carolina, including its notable geormorphic features, it is hoped that any unusual or significant outcroppings of this syenite ring dike be protected from development.

Please feel free to contact the North Carolina Natural Heritage Program if you need further information.

Sincerely,

Harry E. LeGrand, Jr.

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

HEL/mjw

cc: Deborah Paul

RECEIVED DEC 2 2 1986

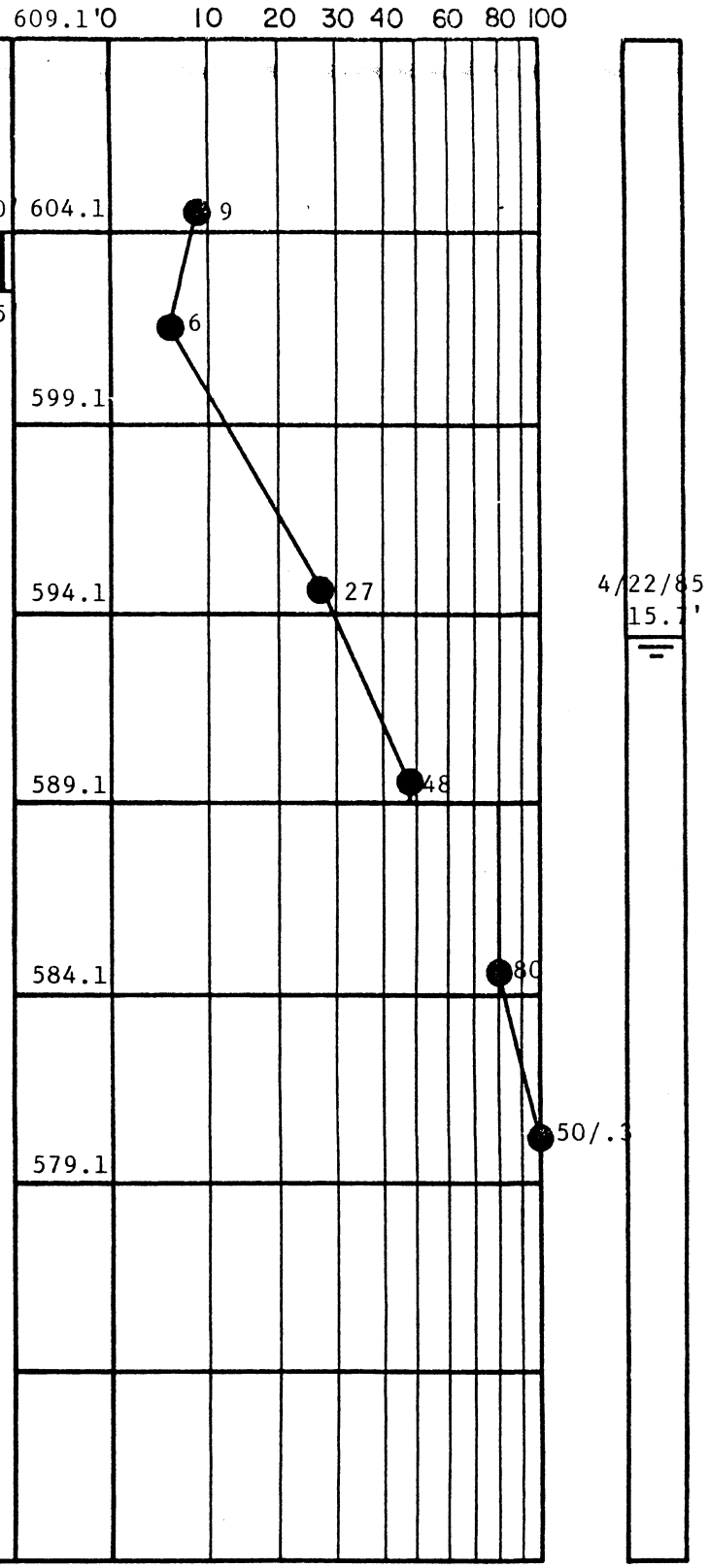
a copy was sent to Jim on Jan-5-87

II

APPENDIX II

PREVIOUS SOIL TEST BORINGS

DEPTH FT.	DESCRIPTION	ELEV.	PENETRATION-BLOWS PER FT.
0	Loose Light Gray-White Micaceous Silty Medium to Fine SAND	609.1	
5.0		604.1	9
6.5			6
10.0	Medium Dense to Dense Light Tan Micaceous Silty Medium to Fine SAND -with manganese stains	599.1	
		594.1	27
		589.1	48
20.0	Partially Weathered Rock When Sampled Becomes Tan Slightly Micaceous Silty Medium to Fine SAND -with rock fragments	584.1	80
		579.1	50/.3
30.0	Boring Terminated Temporary Piezometer installed to a depth of approximately 30 feet Permeability Test Performed		



BORING AND SAMPLING MEETS ASTM D-1586
CORE DRILLING MEETS ASTM D-2113

PENETRATION IS THE NUMBER OF BLOWS OF 140 LB. HAMMER FALLING 30 IN. REQUIRED TO DRIVE 1.4 IN. I.D. SAMPLER 1 FT.

UNDISTURBED SAMPLE
50 % ROCK CORE RECOVERY
LOSS OF DRILLING WATER
WATER TABLE-24HR.
WATER TABLE-1HR.

TEST BORING RECORD

DRAFT

BORING NO. A-2
DATE DRILLED 4-8-85
JOB NO. 151-85-110

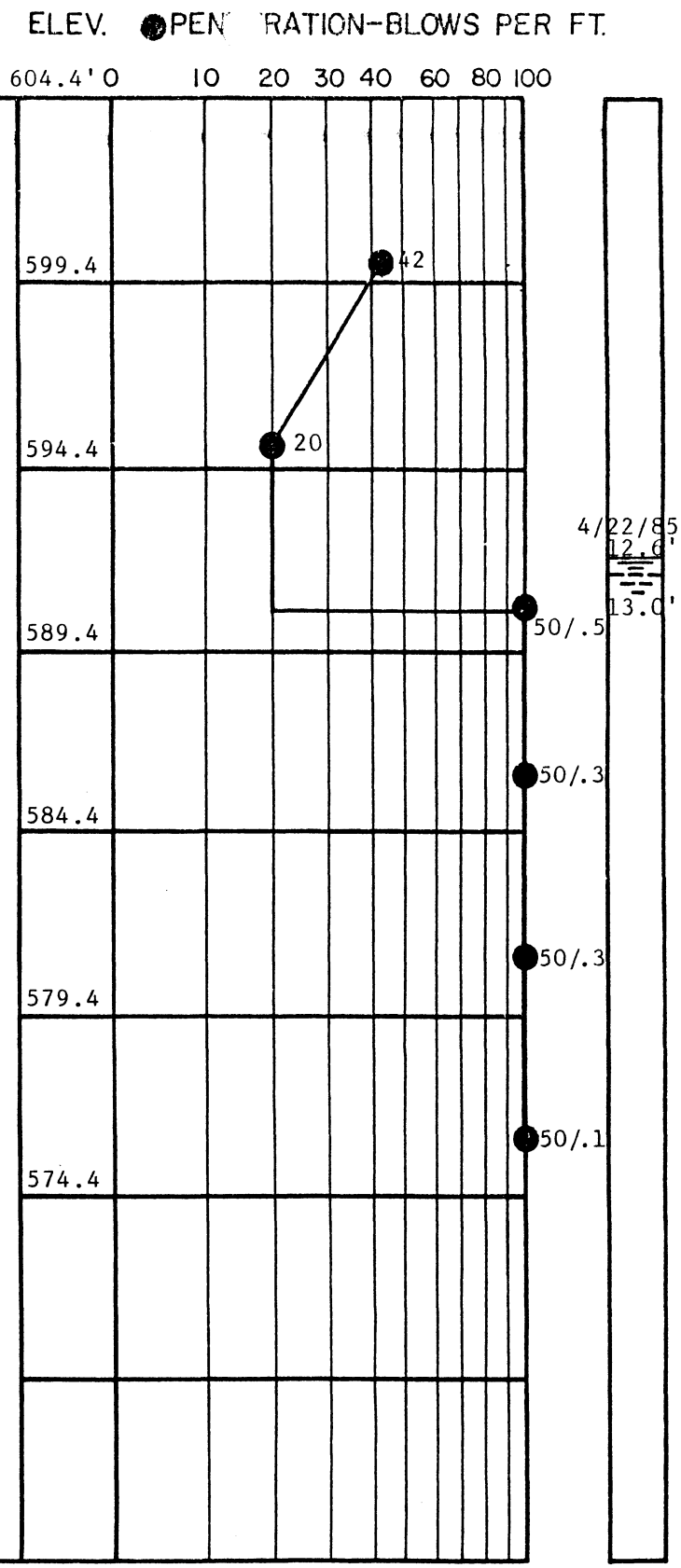
SOIL & MATERIAL ENGINEERS, INC.
BFI Site Evaluation
Harrisburg, NC

DEPTH FT.	DESCRIPTI(	ELEV.
0	Medium Dense to Dense Olive Green to Tan Micaceous Slightly Silty Coarse to Fine SAND -with rock fragments and manganese stains	604.4'
14.0	Partially Weathered Rock When Sampled Becomes Tan Micaceous Slightly Silty Medium to Coarse SAND -with rock*	599.4
17.0	Partially Weathered Rock When Sampled Becomes Tan Micaceous Silty Medium to Fine SAND -with rock fragments	594.4
20.0	Partially Weathered Rock When Sampled Becomes Gray Micaceous Slightly Clayey Silty Fine to Medium SAND -with rock fragments	589.4
25.0	Partially Weathered Rock When Sampled Becomes Dark Brown Micaceous Silty Fine to Coarse SAND -with rock fragments	584.4
28.6	Boring Terminated	579.4
		574.4

* fragments and manganese stains

Temporary Piezometer installed to a depth of approximately 30 feet

Permeability Test Performed



BORING AND SAMPLING MEETS ASTM D-1586
CORE DRILLING MEETS ASTM D-2113

PENETRATION IS THE NUMBER OF BLOWS OF 140 LB. HAMMER FALLING 30 IN. REQUIRED TO DRIVE 1.4 IN. I.D. SAMPLER 1 FT.

UNDISTURBED SAMPLE
50 % ROCK CORE RECOVERY
LOSS OF DRILLING WATER
WATER TABLE-24HR.
WATER TABLE-1HR.

DRAFT

TEST BORING RECORD

BORING NO. A-4
DATE DRILLED 4-4-85
JOB NO. 151-85-110

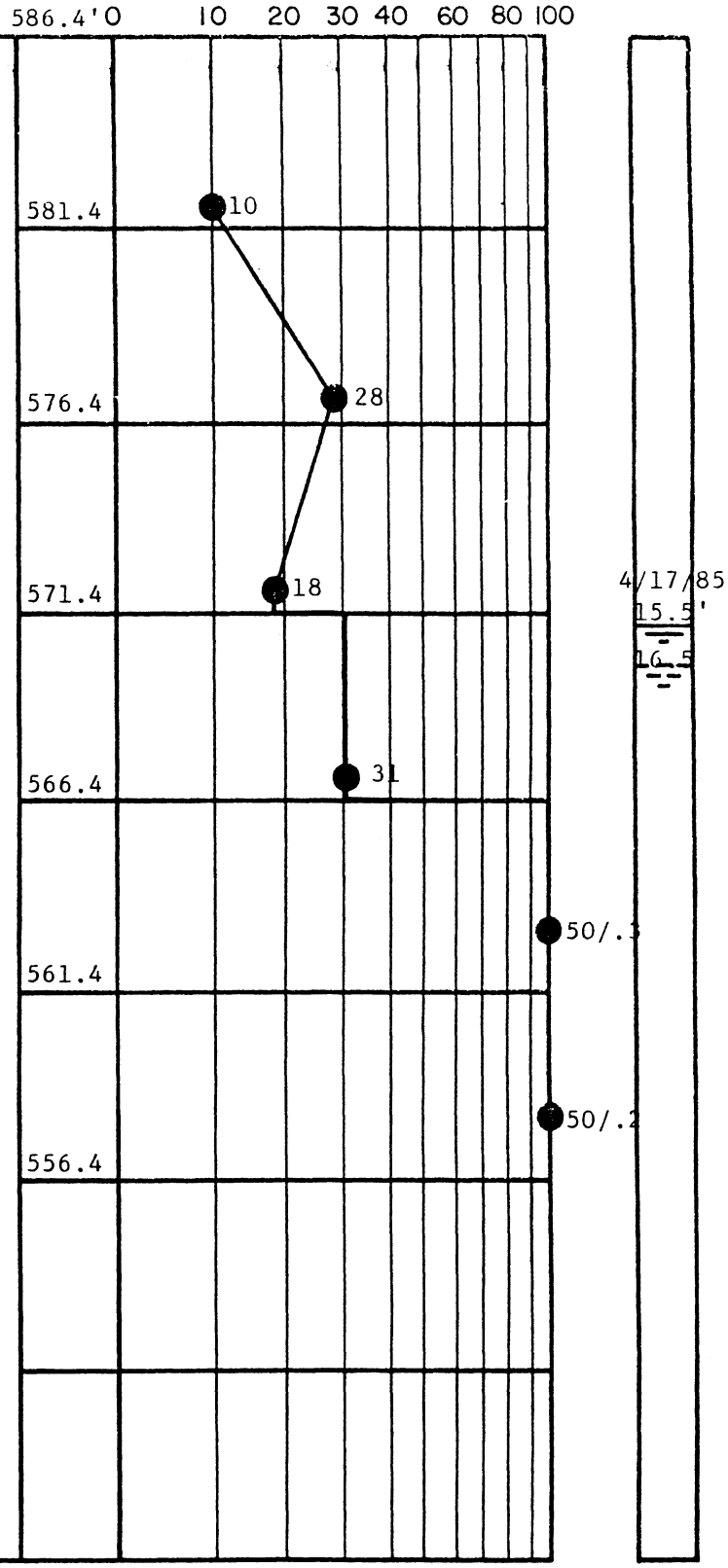
SOIL & MATERIAL ENGINEERS, INC.

BFI Site Evaluation
Harrisburg, NC

DEPTH FT.	DESCRIPTION	ELEV.
0	Fill - Stiff to Very Stiff Red-Brown to Gray Slightly Micaceous Fine Sandy Silty CLAY -with tree branch fragments and rock fragments	586.4
15.0	Dense Tan Micaceous Silty Fine to Coarse SAND -with rock fragments and manganese stains	571.4
20.0	Partially Weathered Rock When Sampled Becomes Olive Green Micaceous Silty Medium to Coarse SAND -with rock fragments	566.4
28.7	Boring Terminated	556.4

Temporary Piezometer installed to a depth of approximately 29 feet

Permeability Test Performed



BORING AND SAMPLING MEETS ASTM D-1586
CORE DRILLING MEETS ASTM D-2113

PENETRATION IS THE NUMBER OF BLOWS OF 140 LB. HAMMER FALLING 30 IN. REQUIRED TO DRIVE 1.4 IN. I.D. SAMPLER 1 FT.

UNDISTURBED SAMPLE
50 % ROCK CORE RECOVERY
LOSS OF DRILLING WATER
WATER TABLE-24HR.
WATER TABLE-1HR.

DRAFT

TEST BORING RECORD

BORING NO. A-5
DATE DRILLED 4-9-85
JOB NO. 151-85-110

SOIL & MATERIAL ENGINEERS, INC.
BFI Site Evaluation
Harrisburg, NC

DEPTH FT.	DESCRIPTION	ELEV.	PENETRATION-BLOWS PER FT. 0 10 20 30 40 60 80 100
0		615.3'	
	Partially Weathered Rock When Sampled Becomes Tan-Gray Micaceous Silty Coarse to Fine SAND -with rock fragments	610.3	50/.4
		605.3	50/.4
10.0	Partially Weathered Rock When Sampled Becomes Olive Green Micaceous Slightly Clayey Silty Coarse to Fine SAND -with rock fragments and manganese stains	600.3	50/.5
		595.3	50/.3
		590.3	50/.3
		585.3	50/.3
		580.3	50/.3
		575.3	50/.2
40.0			

12.5'
14.0'
4/17/85

-continued on Page 2

BORING AND SAMPLING MEETS ASTM D-1586
CORE DRILLING MEETS ASTM D-2113

PENETRATION IS THE NUMBER OF BLOWS OF 140 LB. HAMMER FALLING 30 IN. REQUIRED TO DRIVE 1.4 IN. I.D. SAMPLER 1 FT.

UNDISTURBED SAMPLE
50 % ROCK CORE RECOVERY
LOSS OF DRILLING WATER
WATER TABLE-24HR.
WATER TABLE-1HR.

TEST BORING RECORD

DRAFT

BORING NO. C-2
DATE DRILLED 3-29-85
JOB NO. 151-85-110

SOIL & MATERIAL ENGINEERS, INC.
BFI Site Evaluation
Harrisburg, NC

DEPTH FT.	DESCRIPTION	ELEV.	PENETRATION-BLOWS PER FT. 0 10 20 30 40 60 80 100
	-continued from Page 1	575.3'	
40.0	Partially Weathered Rock When Sampled Becomes Olive Green Micaceous Slightly Clayey Silty Coarse to Fine SAND -with rock fragments and manganese stains	570.3	50/.1
49.0	Boring Terminated	565.3	50/.5
	Temporary Piezometer installed to a depth of approximately 49 feet.		

BORING AND SAMPLING MEETS ASTM D-1586
CORE DRILLING MEETS ASTM D-2113

PENETRATION IS THE NUMBER OF BLOWS OF 140 LB. HAMMER FALLING 30 IN. REQUIRED TO DRIVE 1.4 IN. I.D. SAMPLER 1 FT.

UNDISTURBED SAMPLE
50 % ROCK CORE RECOVERY
LOSS OF DRILLING WATER
WATER TABLE-24HR.
WATER TABLE-1HR.

TEST BORING RECORD

DRAFT

BORING NO. C-2
DATE DRILLED 3-29-85
JOB NO. 151-85-110

SOIL & MATERIAL ENGINEERS, INC.

BFI Site Evaluation
Harrisburg, NC

DEPTH FT.	DESCRIPTION	ELEV.	PENETRATION-BLOWS PER FT. 0 10 20 30 40 60 80 100
0	Partially Weathered Rock When Sampled Becomes Olive Green Micaceous Slightly Clayey Silty Fine to Coarse SAND -with rock fragments and manganese stains in the upper 5 feet	609.0'	
		604.0	50/.5
		599.0	50/.5
		594.0	50/.4
		589.0	50/.3
22.0	Very Dense Olive-Green Micaceous Slightly Clayey Silty Fine to Coarse SAND	584.0	77/.9
26.0	Partially Weathered Rock When Sampled Becomes Brown and Tan-White Slightly Clayey Fine Sandy SILT	579.0	50/.4
30.0	Boring Terminated Temporary Piezometer installed to a depth of approximately 30 feet		

9.9'
4/17/85
13.5'

BORING AND SAMPLING MEETS ASTM D-1586
CORE DRILLING MEETS ASTM D-2113

PENETRATION IS THE NUMBER OF BLOWS OF 140 LB. HAMMER FALLING 30 IN. REQUIRED TO DRIVE 1.4 IN. I.D. SAMPLER 1 FT.

UNDISTURBED SAMPLE
50 % ROCK CORE RECOVERY
LOSS OF DRILLING WATER
WATER TABLE-24 HR.
WATER TABLE-1 HR.

DRAFT

TEST BORING RECORD

BORING NO. C-3
DATE DRILLED 3-29-85
JOB NO. 151-85-110

SOIL & MATERIAL ENGINEERS, INC.

BFI Site Evaluation
Harrisburg, NC

III

APPENDIX III

DRAWINGS

Sheet 1, 1/4 Mile Radius Map

Sheet 2, Existing Site Conditions Plan

Sheet 3, Proposed Final Contours Plan

Sheet 4, Cross Sections