

0105 Permit 1997 Box No. —

① Alamance County 01-05
1997

01051997

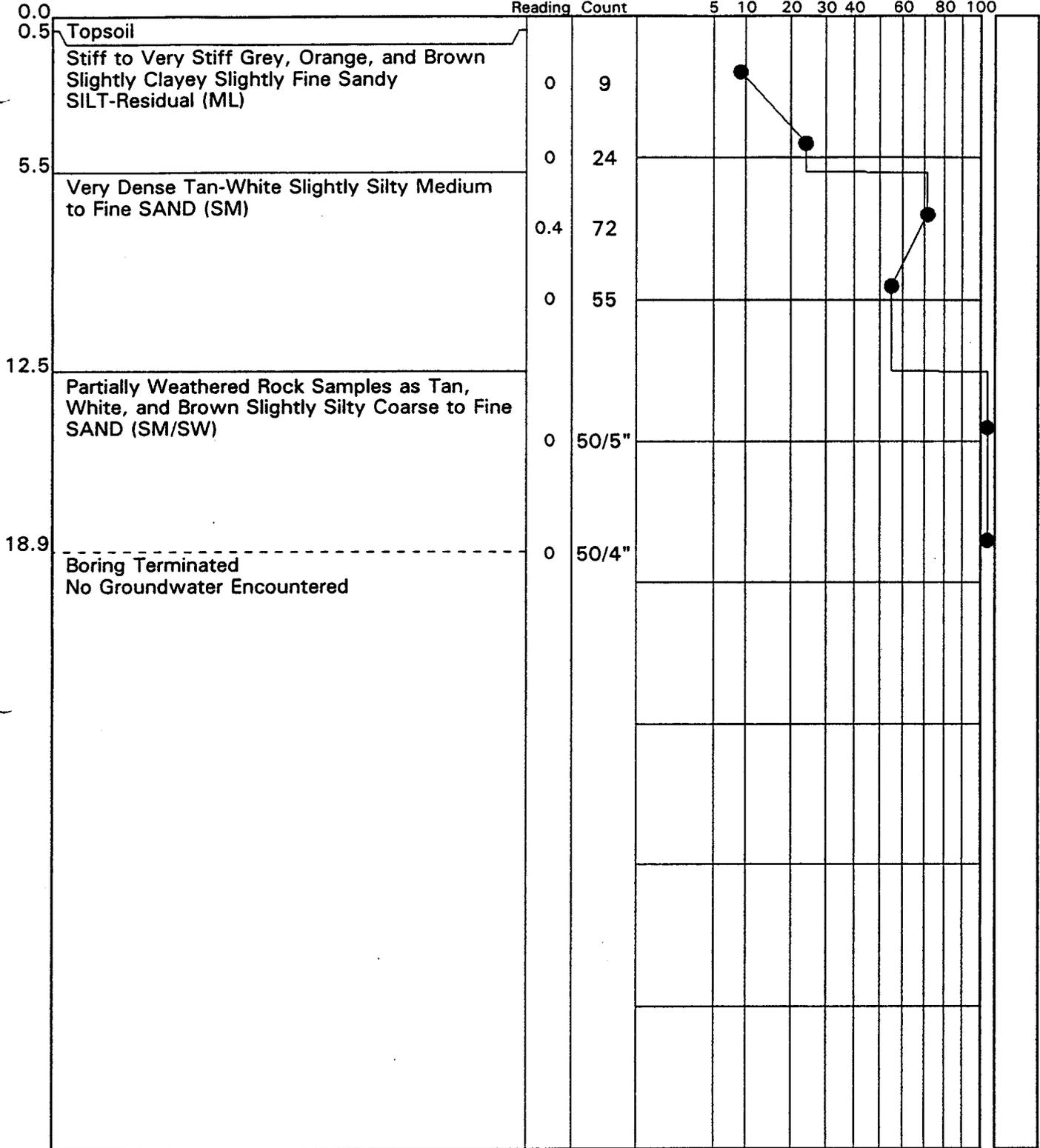
DEPTH, FT.

DESCRIPTION

● PENETRATION - BLOWS PER FT.

OVA Reading Blow Count

5 10 20 30 40 60 80 100



TEST BORING RECORD

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
- ≡ WATER TABLE-24 HR.
- ▧ 50% ROCK CORE RECOVERY
- ≡ WATER TABLE-1 HR.
- ◀ LOSS OF DRILLING WATER
- CAVE-IN DEPTH

BORING NO. B-1

DATE DRILLED 3/24/97

JOB NO. 152-97-010C

PAGE 1 of 1

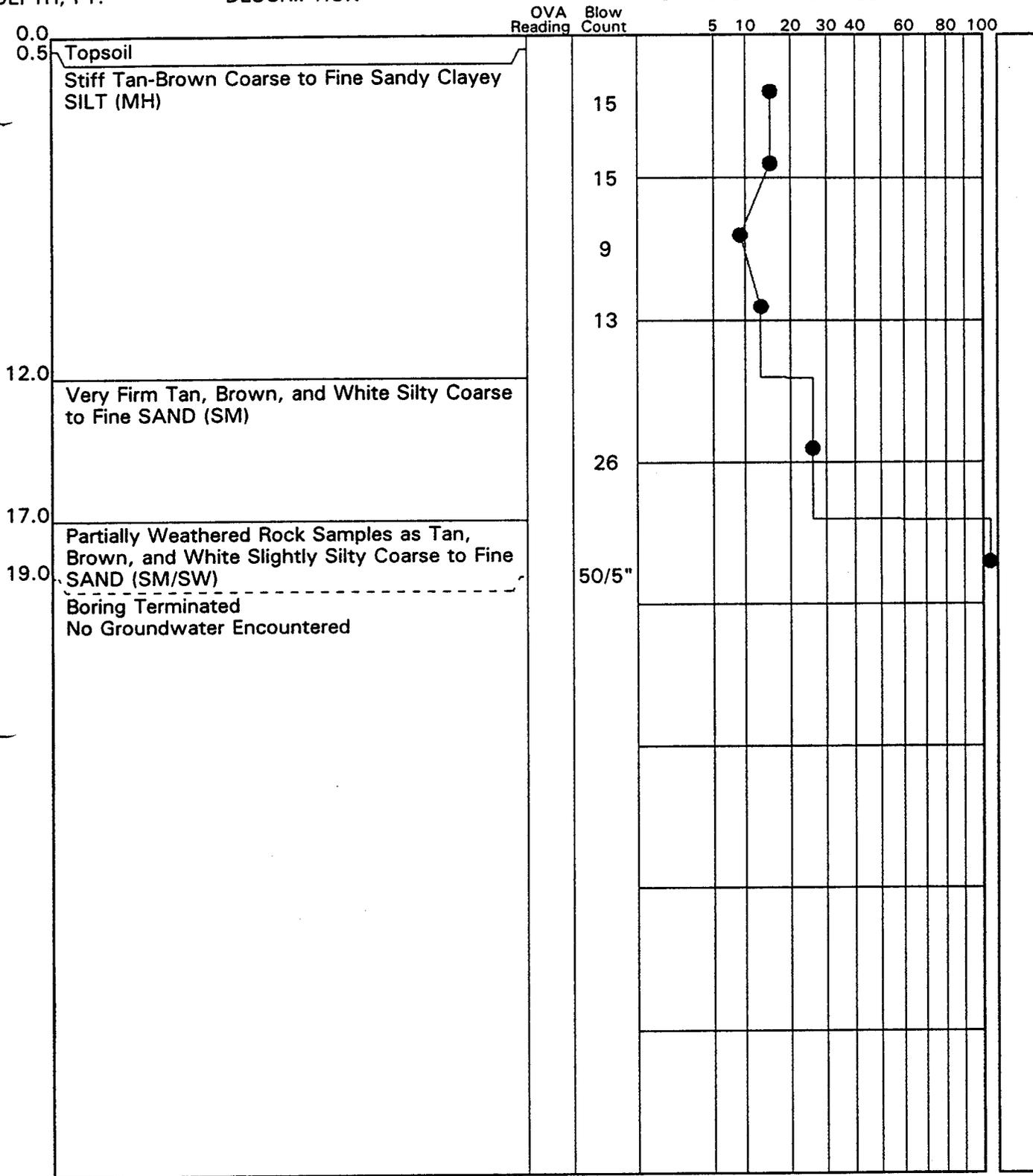


DEPTH, FT.

DESCRIPTION

● PENETRATION - BLOWS PER FT.

3



TEST BORING RECORD

BORING AND SAMPLING MEETS ASTM D-1586

CORE DRILLING MEETS ASTM D-2113

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BORING NO. B-3

DATE DRILLED 3/27/97

JOB NO. 152-97-010C

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DEPTH, FT.

DESCRIPTION

● PENETRATION - BLOWS PER FT.

4

OVA Reading Blow Count

5 10 20 30 40 60 80 100

DEPTH, FT.	DESCRIPTION	OVA Reading	Blow Count	5	10	20	30	40	60	80	100
0.0	Topsoil										
0.5	Tan-Brown Slightly Coarse to Fine Sandy Clayey SILT (MH)		23								
1.0	Firm Tan, Brown, and White Silty Coarse to Fine SAND (SM)										
3.0	Partially Weathered Rock Samples as Tan, Boring, and White Silty Coarse to Fine SAND (SM)	50/4.5"									
		50/5"									
		50/6"									
10.5	Auger Refusal No Groundwater Encountered										

NOTE: Split-spoon bounced off bottom of hole.

TEST BORING RECORD

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CORE DRILLING MEETS ASTM D-2113

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- ◀ LOSS OF DRILLING WATER
- CAVE-IN DEPTH

BORING NO. B-4

DATE DRILLED 4/1/97

JOB NO. 152-97-010C

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DEPTH, FT.

DESCRIPTION

● PENETRATION - BLOWS PER FT.

OVA Reading Blow Count

0.0

Auger Probe

10.0

Auger Refusal
No Groundwater Encountered

5 10 20 30 40 60 80 100

BORING AND SAMPLING MEETS ASTM D-1586

CORE DRILLING MEETS ASTM D-2113

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≡ WATER TABLE-24 HR.

◀ 50% ROCK CORE RECOVERY

≡ WATER TABLE-1 HR.

◀ LOSS OF DRILLING WATER

■ CAVE-IN DEPTH

BORING NO. B-4A

DATE DRILLED 4/1/97

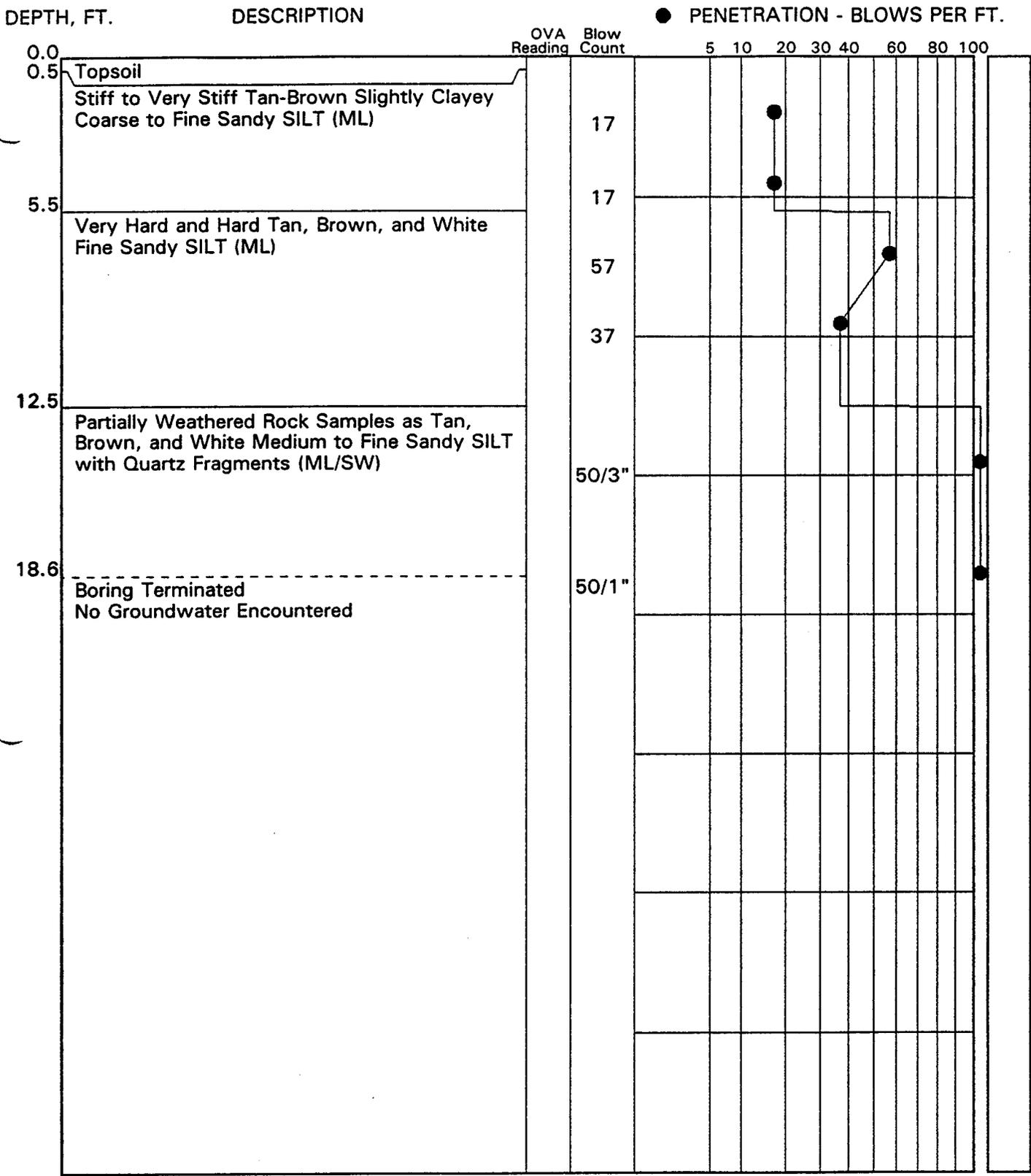
JOB NO. 152-97-010C

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TEST BORING RECORD



5



TEST BORING RECORD

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

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-  WATER TABLE-24 HR.
-  ROCK CORE RECOVERY
-  WATER TABLE-1 HR.
-  LOSS OF DRILLING WATER
-  CAVE-IN DEPTH

BORING NO. B-5
DATE DRILLED 3/27/97
JOB NO. 152-97-010C
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DEPTH, FT.

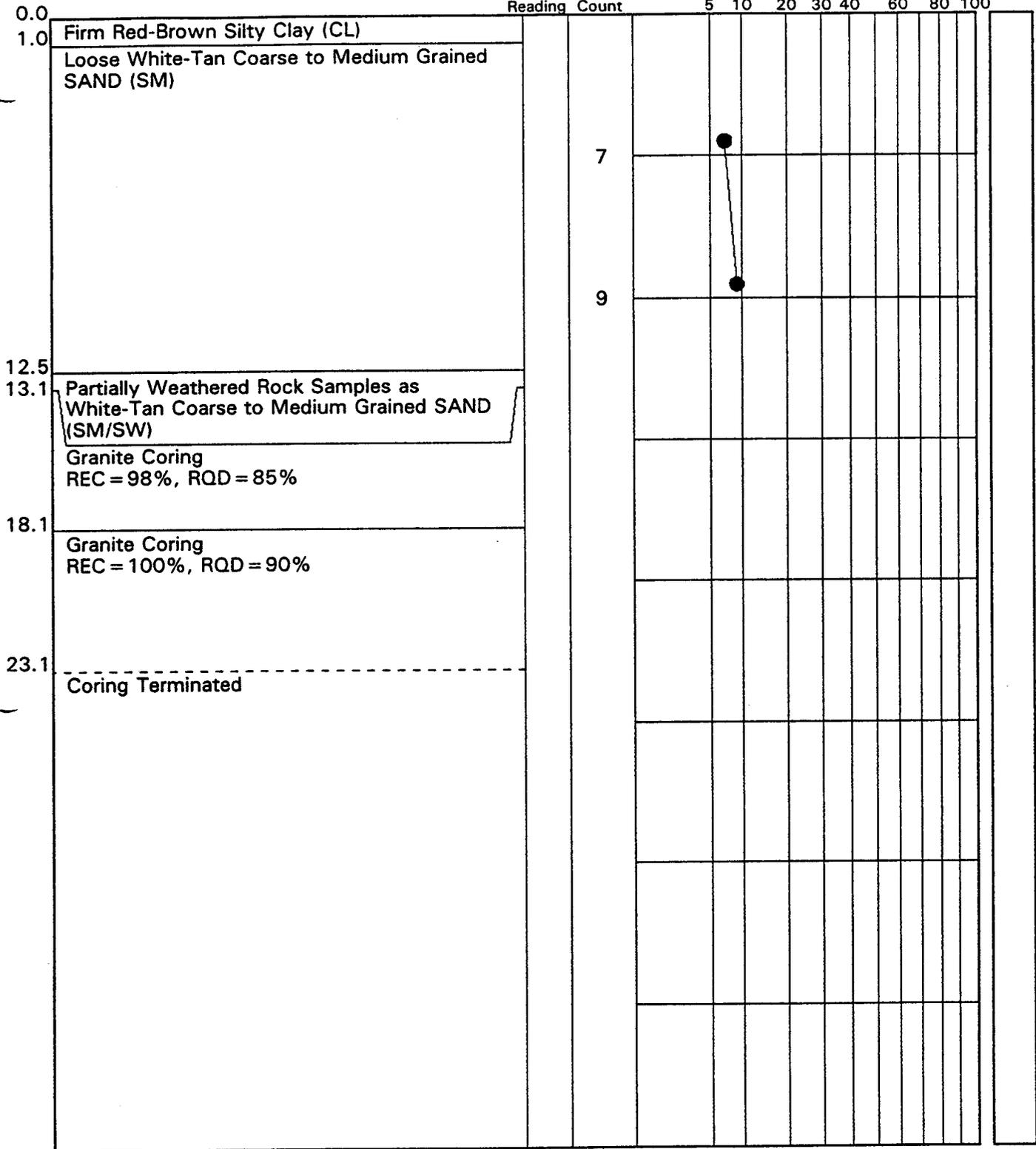
DESCRIPTION

● PENETRATION - BLOWS PER FT.

6

OVA
Reading Blow
Count

5 10 20 30 40 60 80 100



TEST BORING RECORD

BORING AND SAMPLING MEETS ASTM D-1586

CORE DRILLING MEETS ASTM D-2113

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BORING NO. C-3

DATE DRILLED 8/1/97

JOB NO. 152-97-010C

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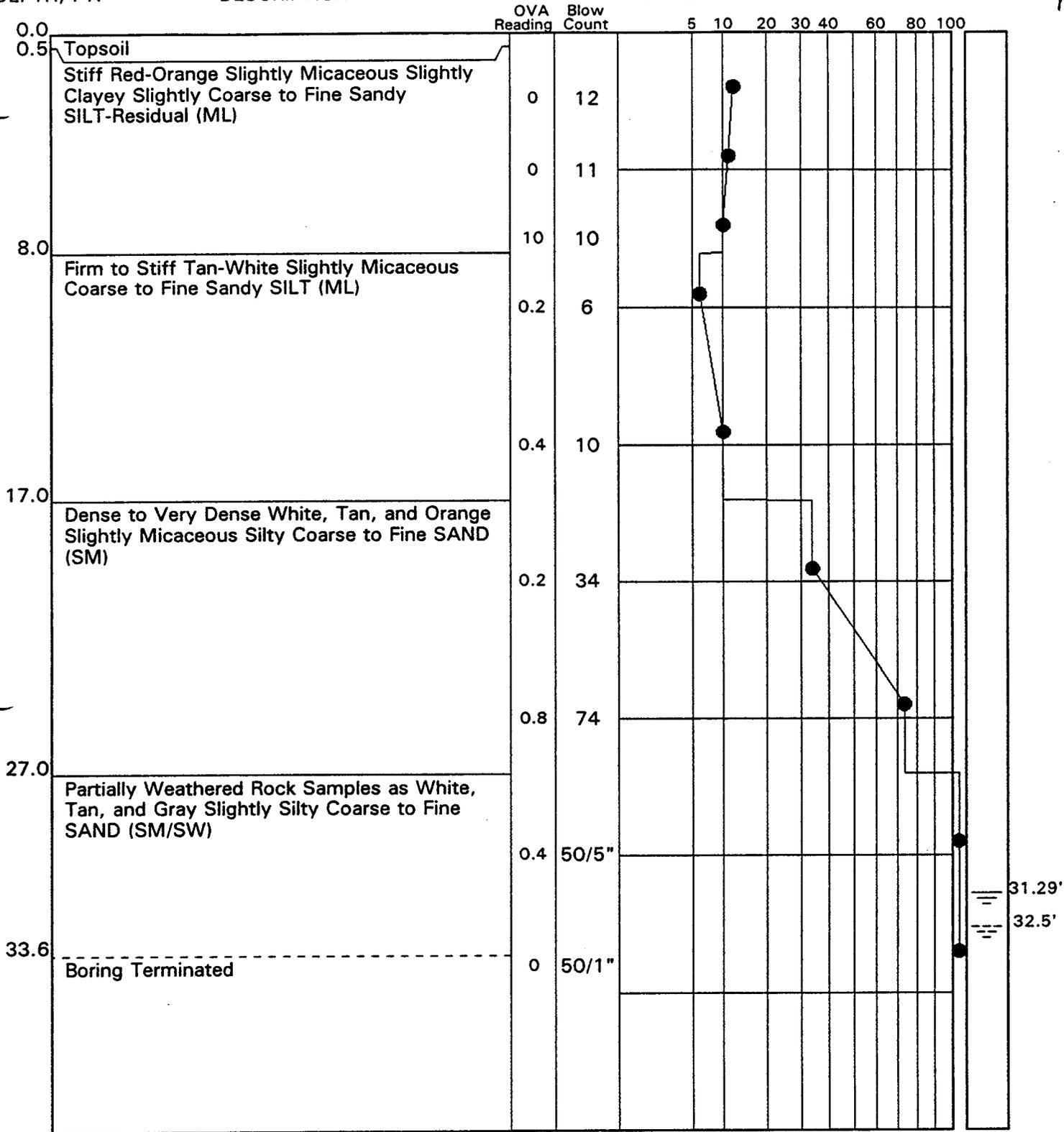


DEPTH, FT.

DESCRIPTION

● PENETRATION - BLOWS PER FT.

7



TEST BORING RECORD

BORING AND SAMPLING MEETS ASTM D-1586

CORE DRILLING MEETS ASTM D-2113

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- CAVE-IN DEPTH

BORING NO. MW-1

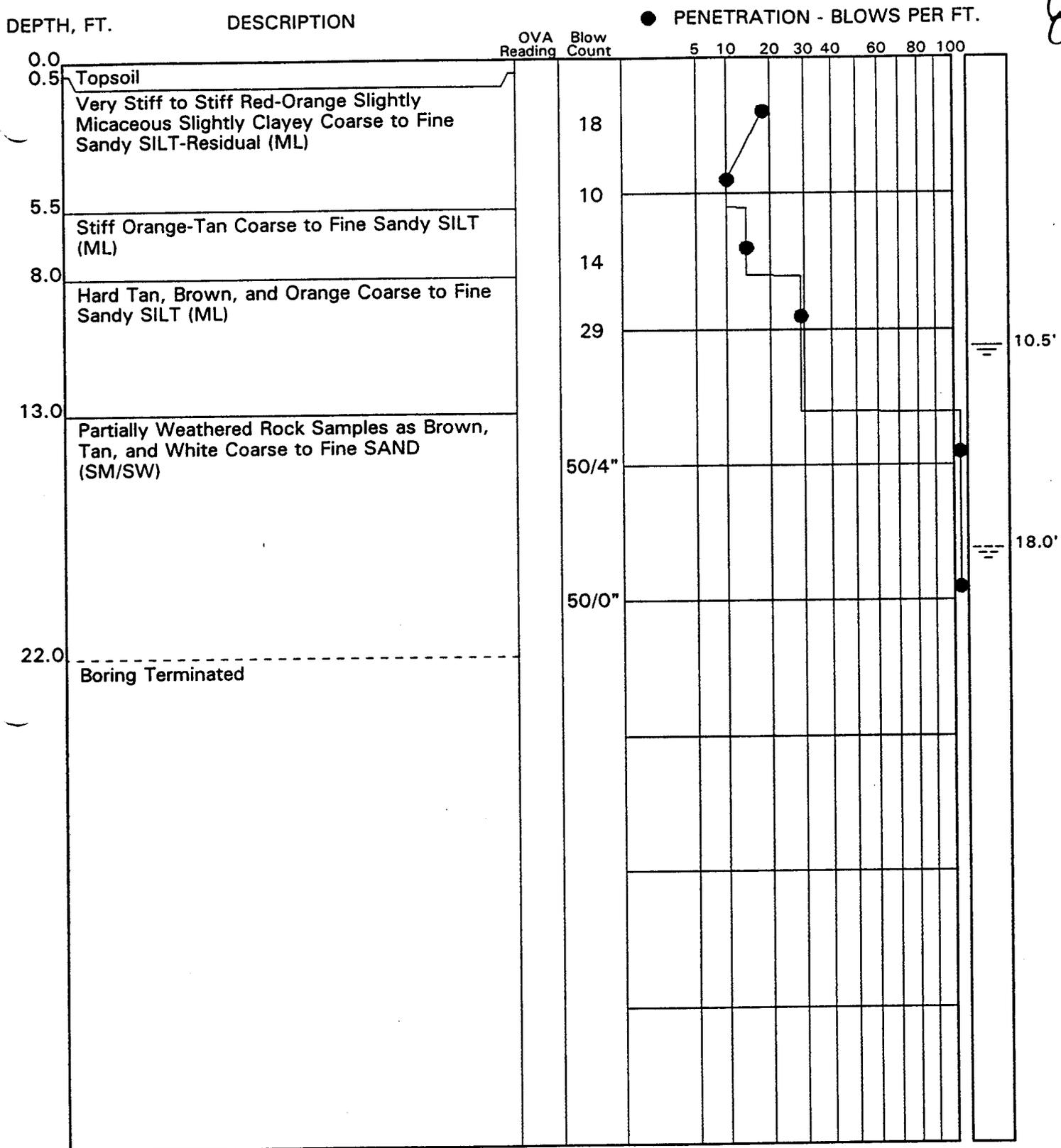
DATE DRILLED 3/25/97

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TEST BORING RECORD

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

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- CAVE-IN DEPTH

BORING NO. MW-2
 DATE DRILLED 3/28/97
 JOB NO. 152-97-010C
 PAGE 1 of 1

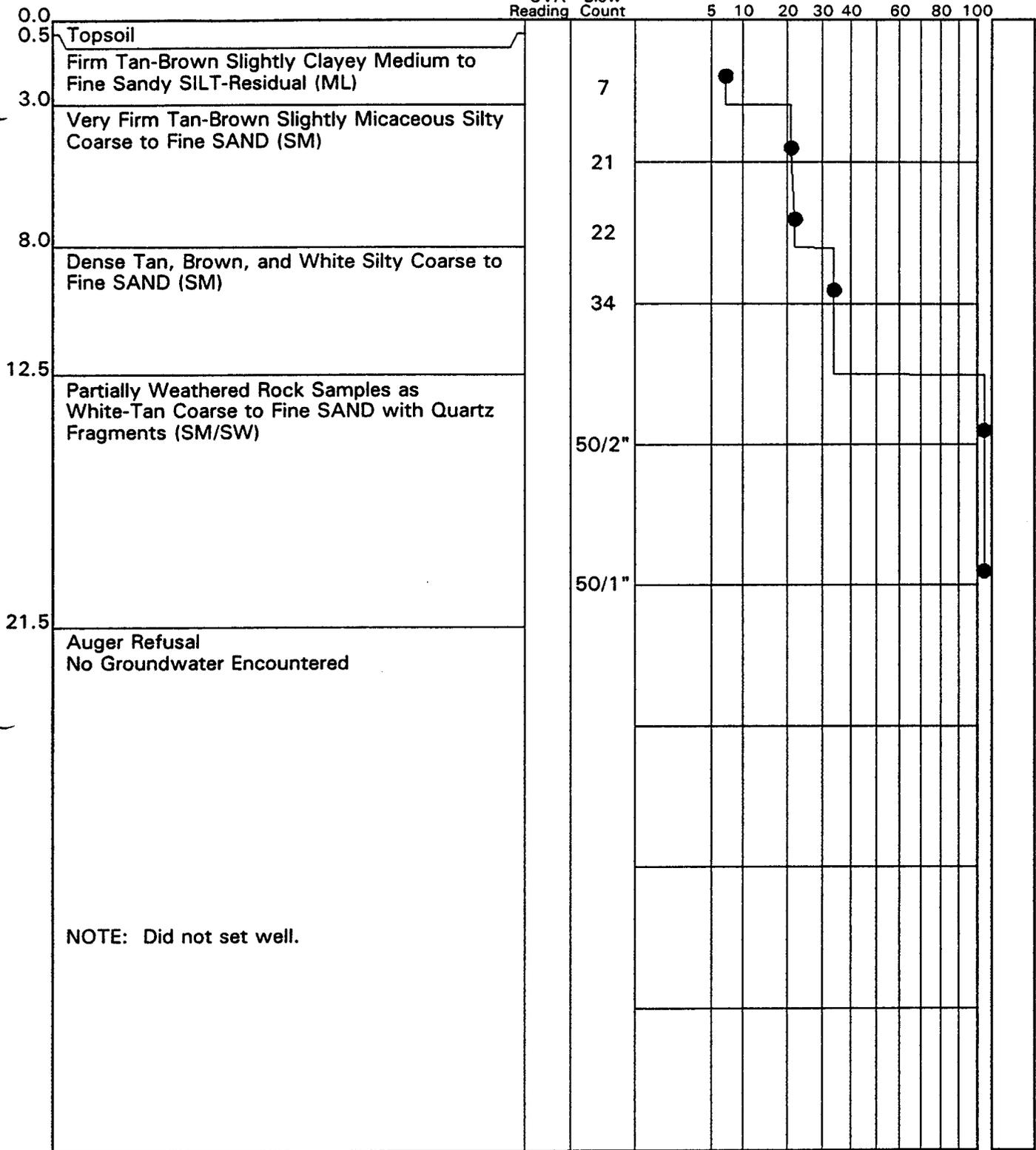


DEPTH, FT.

DESCRIPTION

● PENETRATION - BLOWS PER FT.

9



NOTE: Did not set well.

TEST BORING RECORD

BORING AND SAMPLING MEETS ASTM D-1586

CORE DRILLING MEETS ASTM D-2113

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- CAVE-IN DEPTH

BORING NO. MW-3

DATE DRILLED 3/31/97

JOB NO. 152-97-010C

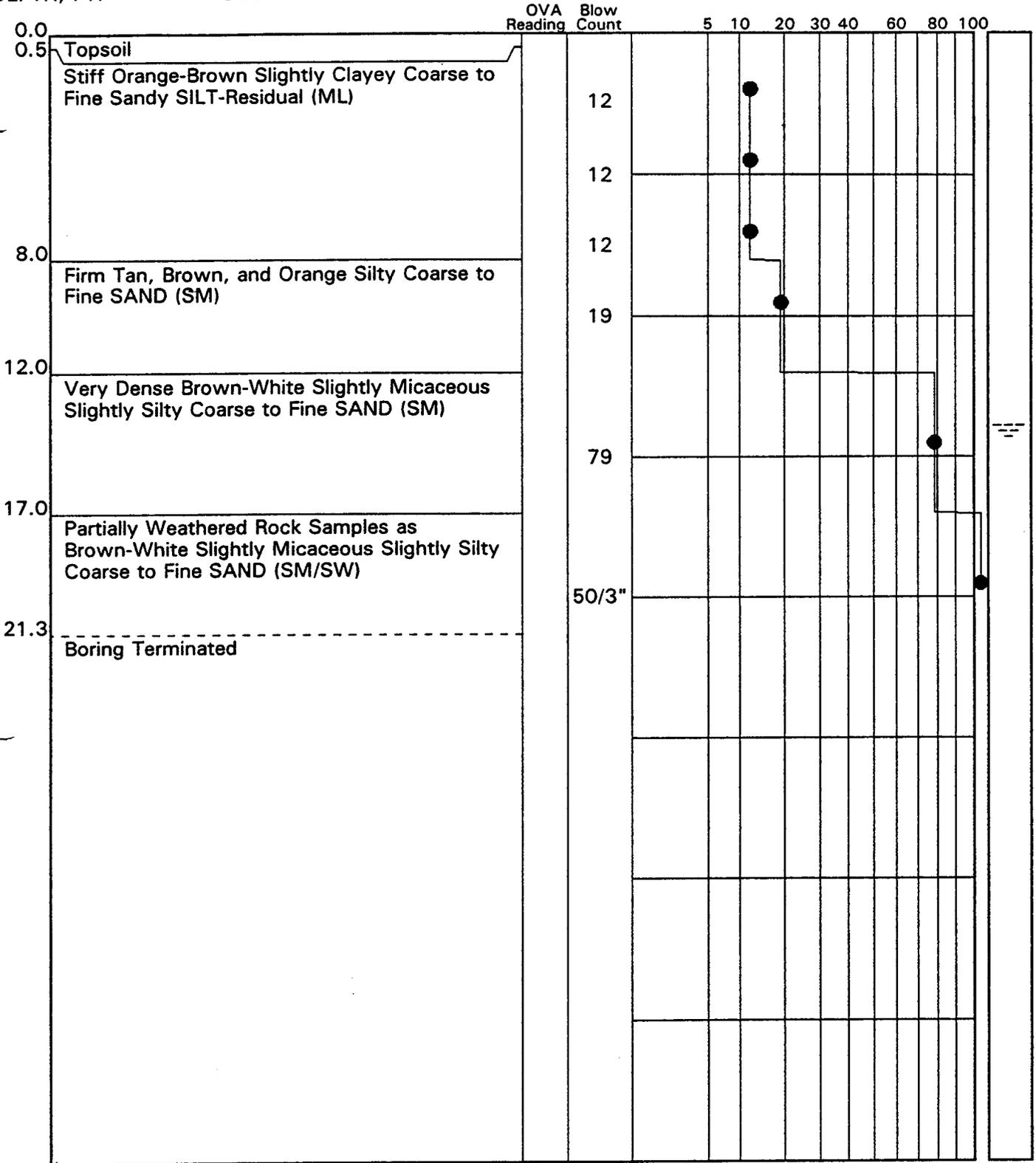
PAGE 1 of 1



DEPTH, FT.

DESCRIPTION

● PENETRATION - BLOWS PER FT.



10

TEST BORING RECORD

BORING AND SAMPLING MEETS ASTM D-1586

CORE DRILLING MEETS ASTM D-2113

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- ≡ WATER TABLE-1 HR.
- CAVE-IN DEPTH

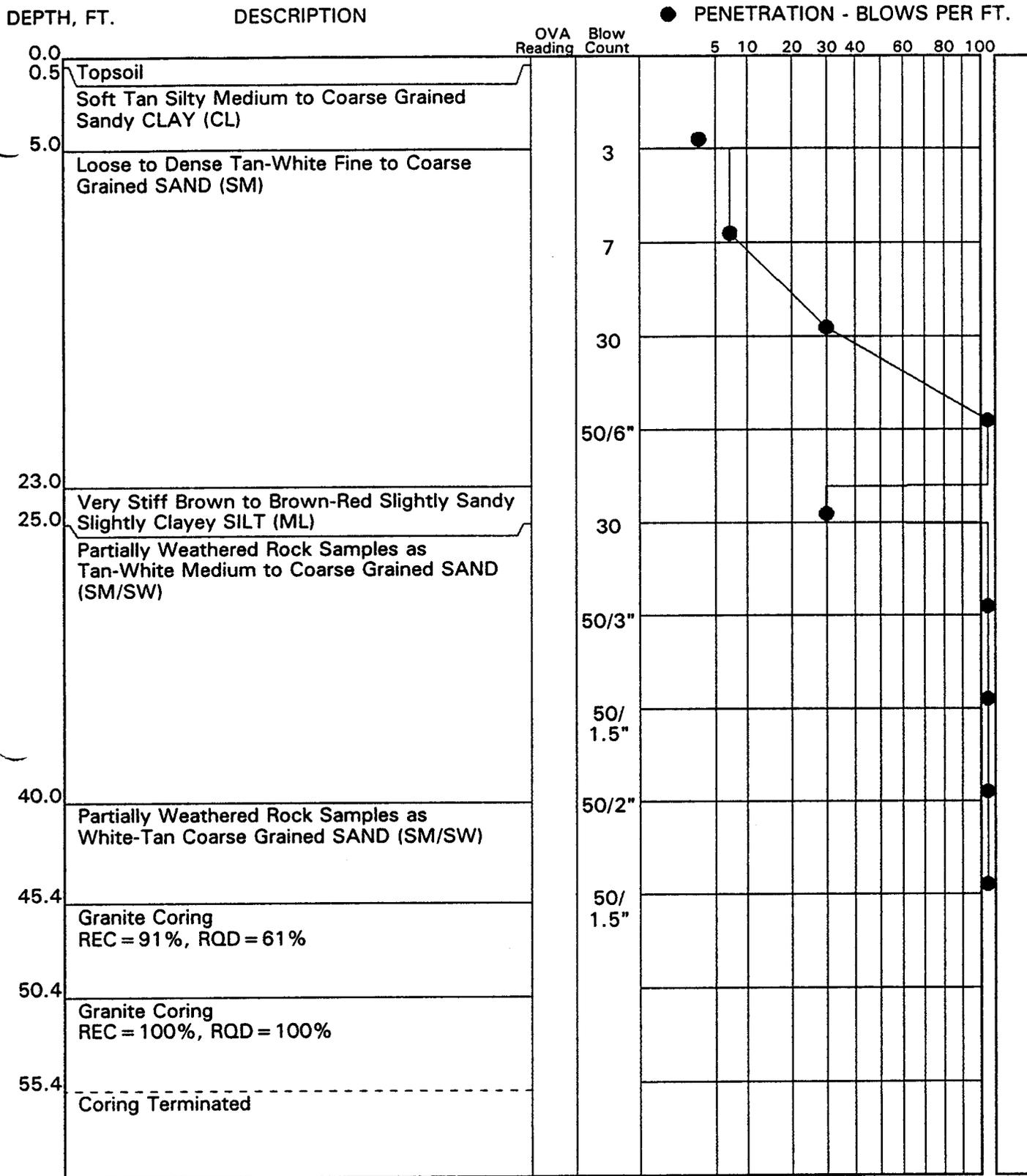
BORING NO. MW-4

DATE DRILLED 4/1/97

JOB NO. 152-97-010C

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TEST BORING RECORD

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

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-  WATER TABLE-1 HR.
-  LOSS OF DRILLING WATER
-  CAVE-IN DEPTH

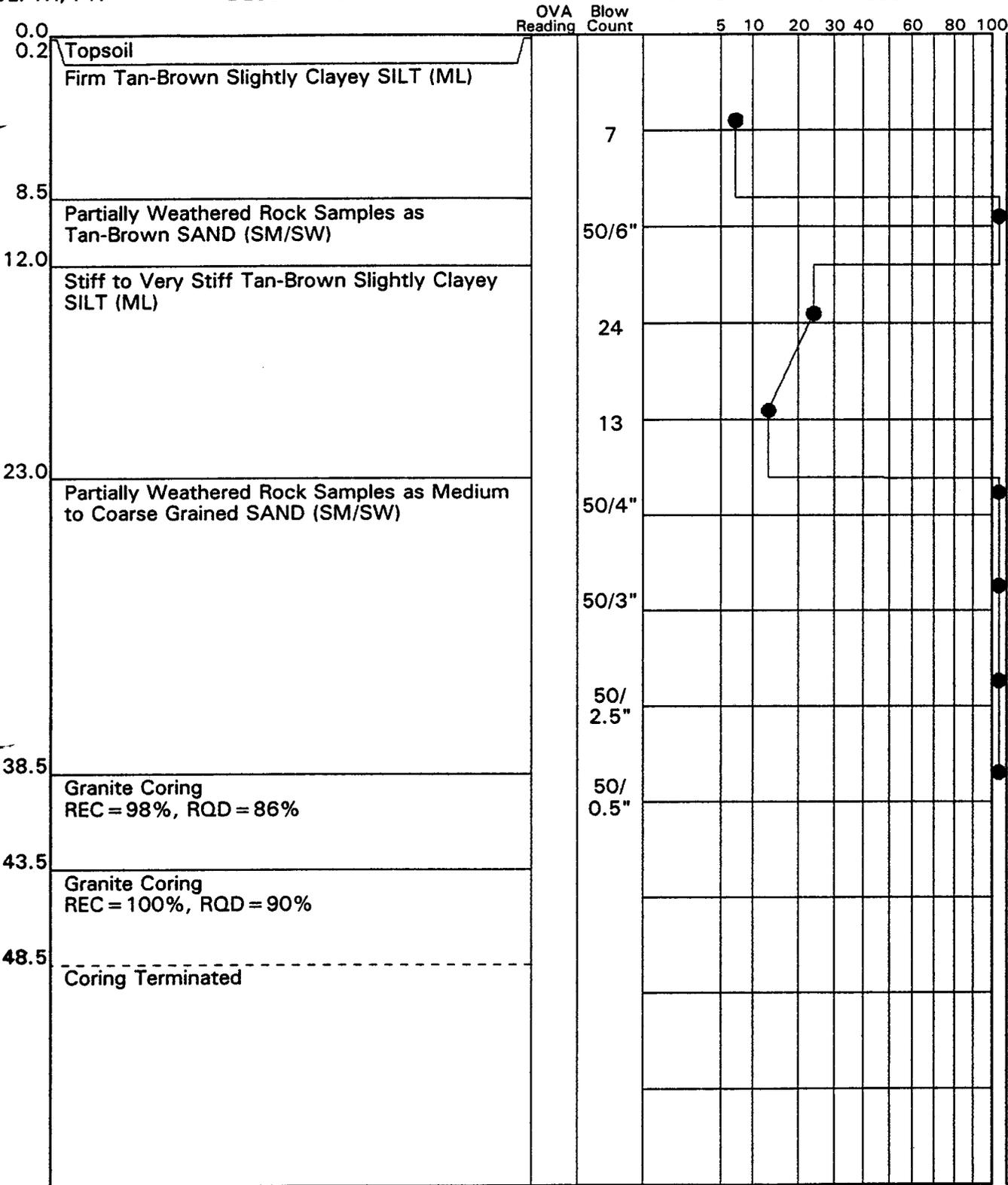
BORING NO. C-1
 DATE DRILLED 7/29/97
 JOB NO. 152-97-010C
 PAGE 1 of 1



DEPTH, FT.

DESCRIPTION

● PENETRATION - BLOWS PER FT.



12

TEST BORING RECORD

BORING AND SAMPLING MEETS ASTM D-1586

CORE DRILLING MEETS ASTM D-2113

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- ◀ LOSS OF DRILLING WATER
- ▨ CAVE-IN DEPTH

BORING NO. C-2

DATE DRILLED 7/29/97

JOB NO. 152-97-010C

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(10) Alamance Co 01-05 1998

01051998

NORTH CAROLINA DEPARTMENT OF
ENVIRONMENT AND NATURAL RESOURCES
DIVISION OF WASTE MANAGEMENT

2

PERMIT NO. 01-05
ISSUED 30 SEPTEMBER 1998

STATE OF NORTH CAROLINA
DEPARTMENT OF ENVIRONMENT AND NATURAL RESOURCES

DIVISION OF WASTE MANAGEMENT

P.O. BOX 27687 RALEIGH, NC 27611

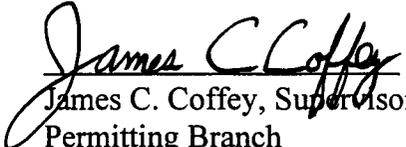
SOLID WASTE PERMIT

COBLE'S SANDROCK, INC.

is hereby issued a PERMIT TO OPERATE a

CONSTRUCTION AND DEMOLITION LANDFILL

located on Foster's Store Road (SR 1113) one half mile east of Kimesville in Alamance 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 property deed included in the siting requirements and construction plan application referenced in Attachment 1.


James C. Coffey, Supervisor
Permitting Branch
Solid Waste Section

3

NORTH CAROLINA DEPARTMENT OF ENVIRONMENT AND NATURAL RESOURCES
DIVISION OF WASTE MANAGEMENT

September 25, 1998



JAMES B. HUNT JR.
GOVERNOR

WAYNE McDEVITT
SECRETARY

WILLIAM L. MEYER
DIRECTOR

Mr. Kent Coble
Coble's Sandrock, Inc.
5833 Foster's Store Road
Liberty, North Carolina 27298

Re: Coble's C&D Landfill
Solid Waste Permit No. 01-05

Dear Mr. Coble:

Enclosed please find a solid waste Permit to Construct and the accompanying conditions for the subject facility, issued in accordance with N.C.G.S. 130A-294 and the NC Solid Waste Management Rules. This permit is for a five year period and is subject to review on or before 25 September 2003. Once the requirements outlined in Construction and Operations Condition 4(a-f) are met, the Division will issue a Permit to Operate to be attached to the enclosed conditions and to replace the Permit to Construct.

Please review the conditions of permit carefully. If you have any questions or comments about the enclosed permit, please feel free to contact me at (336) 771-4608 ext. 204 or the Solid Waste Specialist for your area, Hugh Jernigan, at (336) 771-4608 ext. 206.

Sincerely,


Timothy A. Jewett
Western Area Engineer
Solid Waste Section

cc: Jim Coffey, SWS
Julian Foscue, SWS
Hugh Jernigan, SWS
Lee Henry, Trigon Engineering Consultants
Raleigh Central Files: Coble's Sandrock, Inc. C&D Landfill, Alamance County,
Permit No. 01-05

H:\WESTERNR\C&D\COBLEC&D.PTC

**NORTH CAROLINA DEPARTMENT OF
ENVIRONMENT AND NATURAL RESOURCES**

DIVISION OF WASTE MANAGEMENT

PERMIT NO. 01-05
ISSUED 25 SEPTEMBER 1998

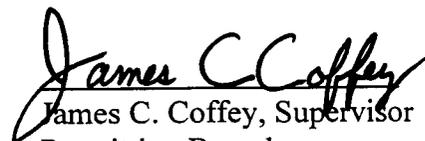
STATE OF NORTH CAROLINA
DEPARTMENT OF ENVIRONMENT AND NATURAL RESOURCES
DIVISION OF WASTE MANAGEMENT
P.O. BOX 27687 RALEIGH, NC 27611

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James C. Coffey, Supervisor
Permitting Branch
Solid Waste Section

401 OBERLIN ROAD, SUITE 150, RALEIGH, NC 27605
PHONE 919-733-4996 FAX 919-715-3605

AN EQUAL OPPORTUNITY / AFFIRMATIVE ACTION EMPLOYER - 50% RECYCLED/10% POST-CONSUMER PAPER



JAMES B. HUNT JR.
GOVERNOR

WAYNE McDEVITT
SECRETARY

WILLIAM MEYER
DIRECTOR

COBLE'S SANDROCK, INC.

**SOLID WASTE PERMIT
CONSTRUCTION AND DEMOLITION LANDFILL**

CONDITIONS OF PERMIT:

General:

1. 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 Waste Management (the Division).
2. When this property is sold, leased, transferred or conveyed, the deed or other instrument of transfer shall contain in the 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 sanitary landfill.
3. This permit is for a period of five years and is subject to review on or before 25 September 2003, as per 15A NCAC 13B .0201(c), according to the issuance date of the permit. Modifications to the facility may be required in accordance with the rules in effect at the time of review. This facility may receive solid waste that is generated within a service area consisting of Guilford County, Alamance County and North Carolina in general.
4. The approved plan for this facility is described in Attachment 1, "List of Documents for Approved Plan". Where discrepancies exist, the most recent submittal and these Conditions shall govern. Some components of the approved plan are reiterated in these Conditions.
5. This permit is not transferable.
6. A copy of this permit and the approved plan shall be maintained at the facility.
7. The owner/operator is responsible for obtaining any and all permits and approvals necessary for the development of this project including approval from appropriate agencies for a General or Individual NPDES Stormwater Discharge Permit.

Construction and Operation:

1. This permit is for the development of the Coble's Construction and Demolition Landfill, Cell 1 within the approved facility description, in accordance with the approved plan. Initial development shall begin on the southern side of the facility.
2. This solid waste management facility is permitted to receive the following waste types:
 - a. Land-clearing debris as defined in G.S. 130A-290, specifically, solid waste that is generated solely from land-clearing activities, such as stumps, trees, etc.;
 - b. Inert debris defined as solid waste which consists solely of material that is virtually inert, such as brick, concrete, rock and uncontaminated soil;
 - c. Asphalt in accordance with G.S. 130A-294(m);
 - d. Construction and demolition debris defined as solid waste resulting solely from construction, remodeling, repair or demolition operations on pavement, buildings, or other structures;

Note: Yard trash defined as solid waste consisting solely of vegetative matter resulting from landscaping maintenance (see G.S. 130A-290) is banned from disposal in this facility as per NC General Statutes.

3. All sedimentation and erosion control measures will be conducted in accordance with the Sedimentation Control Act codified at 15 NCAC 4. Native vegetation shall be established on the completed landfill.
4. The following requirements shall be met prior to operation of this facility:
 - a. Coble's Sandrock, Inc. or its consultant shall provide documentation to the Division that the site preparation (grading, placement of fill if applicable, maintaining 4 feet separation between waste and groundwater, etc.) has occurred in accordance with the construction plan and the conditions specified herein.
 - b. The owner's geologist shall examine the cell excavation and note any pertinent geological features exposed during the construction process and shall notify the Solid Waste Section Hydrogeologist of these findings.
 - b. Site inspection shall be made by a representative of the Division.
 - c. Signs shall be posted at the facility in accordance with the Access and Safety Requirements under Operation Condition No. 5 listed below.
 - d. Surface water monitoring locations shall be established and groundwater monitoring wells (see Monitoring and Reporting Requirements) shall be installed. A baseline sampling event for background water quality shall be performed. Well construction records and sampling analysis results shall be submitted to the Section Hydrogeologist for review and approval prior to operation (see Monitoring and Reporting Conditions below).

- e. Recordation procedures for the permit shall be implemented as described above in General Conditions Numbers 1 and 2.
 - f. A comprehensive Operations Plan shall be submitted to the Division in accordance with 15A NCAC 13B .0505.
5. Operation of the facility shall occur in accordance with the NC Solid Waste Management Rules 15A NCAC 13B .0505, "Operational Requirements for Sanitary Landfills", the approved Operations Plan, and the following specific conditions:

Waste Acceptance and Disposal

- a. The facility shall accept only those solid wastes which it is permitted to receive.
- b. No municipal solid waste, hazardous waste, or liquid waste shall be accepted for disposal.
- c. Waste shall be restricted to the smallest area feasible and compacted as densely as practical into cells.
- d. The permittee shall implement a program at the facility for detecting and preventing the disposal of unacceptable wastes. The program shall include, at a minimum:
 - i. Random inspections of incoming loads or other comparable procedures;
 - ii. Record keeping which documents these inspections;
 - iii. Training of personnel to recognize hazardous, liquid, and other unauthorized waste types;
 - iv. Development of a contingency plan to properly manage any identified hazardous or problem wastes; The plan must address identification, removal, storage, and final disposition of these wastes.

Cover Material Requirements

- a. Operational soil cover of at least six inches shall be placed at least once per week or when the active area reaches 1/2 acre in size or more often as necessitated by the nature of the waste so as to prevent the site from becoming a visual nuisance and to prevent fire, windblown materials, vectors or water infiltration.
- b. Areas which will not have additional waste placed on them for 12 months or more, but where final termination of operations has not occurred, shall be covered with a minimum of one foot of soil cover.
- c. After final termination of disposal operations at the site, or major part thereof, or upon revocation of a permit, the final cover system shall be installed.

Access and Safety

- a. The facility shall be adequately secured by means of gates, chains, berms, fences, or other security measures approved by the Division to prevent unauthorized entry.
- b. An attendant shall be on duty at the site at all times while it is open for public use to

- ensure compliance with operational requirements.
- c. The access road to the site shall be of all-weather construction and maintained in good condition.
- d. Dust control measures shall be implemented when necessary.
- e. Signs providing information on dumping procedures, the hours of operation, the permit number, the emergency contact, and other pertinent information shall be posted at the site entrance.
- f. Signs shall be posted stating that no MSW, hazardous waste or liquid waste can be received.
- g. Traffic signs or markers shall be provided as necessary to promote an orderly traffic pattern to and from the discharge area and to maintain efficient operating conditions.
- h. The removal of solid waste from the facility is prohibited unless the owner/operator approves and the removal is not performed on the working face.
- i. Barrels and drums shall not be disposed of unless they are empty and perforated sufficiently to ensure that no liquid or hazardous waste is contained therein.
- j. Open burning of solid waste is prohibited.
- k. The concentration of explosive gases generated at the facility shall not exceed:
 - i. twenty-five percent of the limit for gases in site structures (excluding gas control or recovery system components); and
 - ii. the lower explosive limit for gases at the facility boundary.

Erosion and Sedimentation Control

- a. Adequate sedimentation and erosion control measures shall be practiced to prevent silt from leaving the site.
- b. Adequate sedimentation and erosion control measures shall be practiced to prevent excessive on-site erosion.
- c. Provisions for a vegetative ground cover sufficient to restrain erosion must be accomplished within 30 working days or 120 calendar days upon completion of any phase of C&D landfill development.

Drainage Control and Water Protection Requirements

- a. Surface water shall be diverted from the operational area.
 - b. Surface water shall not be impounded over or in waste.
 - c. A separation distance of at least four feet shall be maintained between waste and the ground-water table.
 - d. Solid waste shall not be disposed of in water.
 - e. Leachate shall be contained on site or properly treated prior to discharge. An NPDES permit may be required prior to discharge of leachate to surface waters.
6. All pertinent landfill operating personnel will receive training and supervision necessary to carry out their duties and operate this landfill in a safe manner.

7. A closure and post-closure plan must be submitted for approval at least 90 days prior to closure or partial closure of any landfill unit. The plan must include all steps and measures necessary to close and maintain the facility in accordance with all rules in effect at that time. At a minimum, the plan shall address the following:
 - a. Design of a final cover system;
 - b. Construction and maintenance/operation of the final cover system and erosion control structures;
 - c. Surface water, ground water, and explosive gas monitoring.

Monitoring and Reporting:

1. Ground water quality at this facility is subject to the classification and remedial action provisions referenced in Rule .0503 (2)(d) of 15A NCAC 13B. Water quality monitoring for the C&D landfill shall occur according to the following conditions:
 - a. The permittee shall sample the monitoring wells semi-annually or as directed by the Division Hydrogeologist.
 - b. Monitoring well design and construction shall conform to the specifications outlined in Attachment 2, "North Carolina Water Quality Monitoring Guidance Document for Solid Waste Facilities."
 - c. Sampling equipment, procedures, and parameters shall conform to specifications outlined in the above-referenced guidance document, (Attachment 2), or the current guidelines established by the Division at the time of sampling.
 - d. A total of four monitoring well locations as illustrated in the approved plans shall be established to monitor the facility.
 - e. A geologist shall be in the field to supervise well installation. The exact locations, screened intervals, and nesting of the wells shall be established after consultation with the Division Hydrogeologist at the time of well installation.
 - f. Prior to the acceptance of any waste at the facility, a baseline sampling event shall be completed. The results of this sampling event shall be submitted to the Division Hydrogeologist in a timely manner (see Construction and Operation Condition 4 (d)).
 - g. Well completion records and boring logs shall be submitted to The Division at the same time as the results of the initial sampling event or within 30 days upon completion of any new wells.
 - h. In order to determine ground-water flow directions and rates, each monitoring well shall be surveyed, and hydraulic conductivity values and effective porosity values shall be established for the screened intervals for each monitoring well.
 - i. A readily accessible unobstructed path shall be initially cleared and maintained so that four-wheel drive vehicles may access the monitoring wells at all times.
2. The permittee shall establish two locations for surface water sampling. Surface water shall be sampled and analyzed semi-annually according to the protocol and parameters required by the Division at the time of sampling.

3. The permittee shall maintain a record of all monitoring events and analytical data. Reports of the analytical data for each water quality monitoring sampling event (1.h. & 2.) shall be submitted to the Division in a timely manner.
4. Explosive gas monitoring shall be performed as needed to ensure compliance with the standards in Rule .0503 (2)(a).
5. The permittee shall maintain a record of the amount of solid waste (in tons) received at the facility, compiled on a monthly basis. Scales shall be used to weigh the amount of waste received.
6. On or before 01 August (or an earlier date as requested by the Division) of each year, the permittee shall report the amount of waste received at this facility and disposed of in the landfill to the Division and to all counties from which waste was accepted, on forms prescribed by the Division. This report shall include the following information:
 - a. The reporting period shall be for the previous year, beginning 01 July and ending on 30 June;
 - b. The amount of waste received and landfilled in tons, compiled on a monthly basis, according to Condition 5 described above; and
 - c. Documentation that a copy of the report has been forwarded to all counties from which waste was accepted.
7. All pertinent records and reports shall be maintained on site and made available to the Division upon request.

ATTACHMENT 1

List of Documents for the Approved Plan

The following documents are incorporated into the approved plan for Permit No. 01-05:

1. Revised document titled "Construction and Demolition Landfill Permit Application: Siting Requirements" submitted by Trigon Engineering Consultants, Inc. on 18 September 1998.
2. Revised document titled "Construction and Demolition Landfill Permit Application: Construction Plan Application" submitted by Trigon Engineering Consultants, Inc. on 4 September 1998.
3. Response to Technical review letter, submitted 18 September 1998 by Trigon Environmental Consultants, Inc. including a revised grading plan, revisions to the Water Quality Monitoring Plan, location of the 100 year Flood Plan elevation, and other information to satisfy permit requirements.
4. Certificate of Approval from the Division of Land Quality dated 14 September 1998 approving the Sediment and Erosion Control Plan for the facility (included with the letter described in Item No. 3 above).
5. Legal Description of the Facility (from Appendix A of the document listed in Item No. 1 above).

NORTH CAROLINA DEPARTMENT OF ENVIRONMENT AND NATURAL RESOURCES
DIVISION OF WASTE MANAGEMENT

October 7, 1998

Mr. Lee Henry
Trigon Engineering Consultants, Inc.
P.O. Box 18846
Greensboro, NC 27419-8846

Re: Coble's Sandrock, Inc. Construction and Demolition Landfill, Alamance County, North Carolina. Permit No. 01-05

Mr Henry:

Enclosed are the Approved Documents for the above referenced facility for your files. Please keep the Division updated on the subgrade elevations as you work with Mr. Coble on the landfill construction and filling progression. If you have any questions or comments regarding the project, please feel free to contact me at (336) 771-4608 ext. 204.

Sincerely,


Timothy A. Jewett
Western Area Engineer
Solid Waste Section

cc: Julian Foscue, SWS
Hugh Jernigan, SWS
Raleigh Central File: Coble's Sandrock C&D Landfill, Alamance County, Permit No. 01-05

HAWESTERNRC&DLEEHENRY.LTR



NORTH CAROLINA DEPARTMENT OF ENVIRONMENT AND NATURAL RESOURCES
DIVISION OF WASTE MANAGEMENT



August 18, 1998

MEMORANDUM TO: W. Lee Henry, Trigon Engineering
Mr. Kent Coble, Coble's Sandrock, Inc.

FROM: Ellen B. Lorscheider, Solid Waste Section

RE: Coble's C & D Landfill, Alamance County,
Comments

The Solid Waste Section Hydrogeologic Unit received the text portion for the above referenced Application Site Requirements, dated August 14, 1998 by fax. The major outstanding issues at this site included the hydrogeological behavior of the dike, the vertical separation of groundwater from seasonal high water table, and the inclusion of a monitoring plan in the report. These issues were all addressed in this report and in preceding letters. The following are needed in order to make this report complete in order to satisfy the siting requirements for disposal sites as indicated in the 15A NCAC 13B section .0503 and .0504 rules. Please provide responses to these comments and questions and make revisions as necessary.

The property to the north or the landfill adjacent to Poppaw Creek which is being bought by Mr. Coble, with full ownership in January of 1999, needs to be identified on the blueprint of the photograph as indicated in rule .0504 (1).

The field permeability test data of the dike needs to included in the report. Please include a copy of the analysis of the data by the Bouwer and Rice method.

Table 2, on page 7 of the reports needs to include the groundwater data for TW1 and TW2.

Plan views of the site and cross sections need to include all borings. TW1 and TW2 in particular need to be updated on views.

The dike is shown on the plan view Drawing No. 11 as being in a different location from the cross section Drawing No. 6. ✓

The Groundwater Monitoring Plan on page 9 of the report needs to include the following:

- at least one background monitoring well, ✓
- the location of at least one surface water monitoring location, ✓
- plan should include an event of independent sampling prior to receiving waste in order to establish background water quality, ✓
- include schematics of proposed wells.

The second paragraph of the monitoring plan, on page 9, indicates that “.. if a dike exists beneath the ridge on the northern end of the site which strikes parallel to the other dikes and the ridge, MW-3 is located in its vicinity and should be within or very close to any preferential pathways it might produce.” Please clarify the intent of this statement.

The third paragraph of this same page states that “TW-2 is placed downgradient of proposed Cells No. 2 and No. 3”. This well is only down gradient of a small portion of Cell 2 and is within Cell 3 and could not serve these cells as a downgradient well. It is not appropriate as a upgradient background well for Cell 1 since it is in a different hydrogeological unit than the other existing permanent monitoring wells.

Appendix M needs to include boring logs from TW-1 and TW-2. ★

Appendix K needs to include the all lab test data, in particular the lab test information performed in the area of the TW-1 and TW-2. ★

Please call me at 919-733-0692 ext 345 for further clarification or to answer any questions.

EBL

cc: Tim Jewett, SWS
Jim Coffey, SWS



ENGINEERING CONSULTANTS, INC.

P.O. Box 18846 • Zip 27419-8846 • 313 Gallimore Dairy Rd. • Greensboro, N.C. 27409 • (336) 668-0093 • FAX (336) 668-3868

August 5, 1998

Ms. Ellen B. Lorscheider
North Carolina Department of Environment and Natural Resources
Division of Waste Management
401 Oberlin Road
Suite 150
Raleigh, North Carolina 27605

Reference: Coble's C&D Landfill
Alamance County, North Carolina
Trigon Job No. 152-97-010C



Dear Ms. Lorscheider:

Trigon is writing in response to your request for additional information regarding the subject application. Specifically, regarding the influence, if any, of the dikes on groundwater flow across the site. The following investigation was conducted to provide additional hydrogeological data from the site, as requested.

The locations of the observed dike and the possible dikes are provided on Drawing 11 Groundwater Contour Map with Proposed Landfill Location (attached). If dikes are present as indicated on Drawing 11, Trigon believes that it is not likely that the dikes will serve as a barrier or divert groundwater flow. The general groundwater flow trend at the site has been determined to be to the northwest.

On July 30, 1998, Trigon installed one temporary well (TW-2) in an effort to core the dike material and provide additional hydrogeological data. TW-2 was constructed approximately 10 feet east of the outcrop within the drainage ditch in the southwest portion of the site. The location of TW-2 is shown on Drawing 11. After drilling the sandy silt overburden with a tricone bit, rock coring at this location was begun at an approximate depth of 8.5 feet below ground surface. The granite, identified in other locations at the site, was cored from 8.5 to 10.8 feet below ground

Ms. Ellen B. Lorscheider

August 5, 1998

Page 2

surface. The granite and dike material were intermixed from approximately 9.4 to 10.8 feet. The dike material, identified as medium to dark grayish green intermediate metavolcanic rock, was cored from 10.8 to 29.5 feet below ground surface. (See attached boring log and well construction record).

A hydraulic conductivity test was conducted on TW-2 which is screened in the dike material. A hydraulic conductivity value of 1.4×10^{-4} feet per minute was calculated, which is similar to results of other hydraulic conductivity tests at the site. It is Trigon's opinion that no evidence of groundwater mounding or diversion from the local groundwater flow direction has been observed at the site.

Although TW-2 does not exhibit a hydraulic conductivity significantly different from the other wells, conversion to a permanent monitoring well will be completed at the Division's request. Trigon hopes this information is helpful and will complete the siting application. Please contact us if we can be of further assistance.

Sincerely,

TRIGON ENGINEERING CONSULTANTS, INC.



W. Lee Henry, P. G.

Manager, Environmental Geology Department

WLH:dsc

DEPTH, FT.

DESCRIPTION

● PENETRATION - BLOWS PER FT.

Blow
Count

5 10 20 30 40 60 80 100

0.0	Unconsolidated Material - Loose Light Tan Coarse to Fine Sandy SILT Tricone Refusal @ 8.5'																		
8.5	Light Colored Metamorphosed Felsic Granitic Rock (9.4' to 10.8' interbedded with intermediate metavolcanic "dike material")	REC 93%																	
10.8	Medium to Dark Grey-Green Intermediate Metavolcanic Rock. "Dike Material" Fractures 4 to 48 inches apart, <1mm spacing.	RQD 90%																	
		REC 97%																	
		RQD 100%																	
		REC 84%																	
		RQD 98%																	
		REC 100%																	
		RQD 100%																	
29.5	Coring Terminated																		

17.0'

TEST BORING RECORD

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
-  WATER TABLE-24 HR.
-  50% ROCK CORE RECOVERY
-  WATER TABLE-1 HR.
-  LOSS OF DRILLING WATER
-  CAVE-IN DEPTH

BORING NO. TW-2
 DATE DRILLED 7/29/98
 JOB NO. 152-97-010C
 PAGE 1 of 1



WELL CONSTRUCTION RECORD

FOR OFFICE USE ONLY	
Quad. No. _____	Serial No. _____
Lat. _____	Long. _____ Pc _____
Minor Basin _____	
Basin Code _____	
Header Ent. _____	GW-1 Ent. _____

DRILLING CONTRACTOR Trigon Engineering Consultants, Inc.

STATE WELL CONSTRUCTION PERMIT NUMBER: NA

DRILLER REGISTRATION NUMBER 813

1. WELL LOCATION: (Show sketch of the location below)
 Nearest Town: Liberty
Foster Store Road
 (Road, Community, or Subdivision and Lot No.)

County: Alamance

TW-2

2. OWNER Kent Coble
 ADDRESS Foster Store Road
 (Street or Route No.)

From	Depth	To	DRILLING LOG Formation Description
_____	_____	_____	<u>See Boring Log TW-2</u>
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

Liberty North Carolina
 City or Town State Zip Code

3. DATE DRILLED 07/29/98 USE OF WELL Monitoring
 4. TOTAL DEPTH 29.5 CUTTINGS COLLECTED Yes No
 5. DOES WELL REPLACE EXISTING WELL? Yes No
 6. STATIC WATER LEVEL: _____ FT. above TOP OF CASING,
 below
 TOP OF CASING IS 0.5 FT. ABOVE LAND SURFACE
 7. YIELD (gpm): N/A METHOD OF TEST N/A
 8. WATER ZONES (depth): N/A
 9. CHLORINATION: Type N/A Amount N/A

If additional space is needed, use back of form.

LOCATION SKETCH
 (Show direction and distance from at least two State Roads, or other map reference points)

See Drawing No. 151-97-010C-2

10. CASING:	Depth	Diameter	Wall Thickness or Weight/FT.	Material
From <u>0</u> To <u>14.5</u> Ft.		<u>2"</u>	<u>Schedule 40</u>	<u>PVC</u>
From _____ To _____ Ft.		_____	_____	_____
From _____ To _____ Ft.		_____	_____	_____

11. GROUT:	Depth	Material	Method
From <u>0</u> To <u>10.5</u> Ft.		<u>Portland</u>	<u>Hand</u>
From _____ To _____ Ft.		_____	_____

12. SCREEN:	Depth	Diameter	Slot Size	Material
From <u>14.5</u> To <u>29.5</u> Ft.		<u>2"</u>	<u>in. 0.010</u>	<u>PVC</u>
From _____ To _____ Ft.		_____	<u>in. _____</u>	<u>in. _____</u>
From _____ To _____ Ft.		_____	<u>in. _____</u>	<u>in. _____</u>

13. GRAVEL PACK:	Depth	Size	Material
From <u>12.5</u> To <u>29.5</u> Ft.		<u>Fine Filter</u>	<u>Sand</u>
From _____ To _____ Ft.		_____	_____

14. REMARKS: Bentonite at 10.5 to 12.5'

I DO HEREBY CERTIFY THAT THIS WELL WAS CONSTRUCTED IN ACCORDANCE WITH 15 NCAC 2C, WELL CONSTRUCTION STANDARDS, AND THAT A COPY OF THIS RECORD HAS BEEN PROVIDED TO THE WELL OWNER.

DATE _____

SIGNATURE OF CONTRACTOR OR AGENT
 Submit original to Division of Environmental Management and copy to well owner.



ENGINEERING CONSULTANTS, INC.



P.O. Box 18846 • Zip 27419-8846 • 313 Gallimore Dairy Rd. • Greensboro, N.C. 27409 • (336) 668-0093 • FAX (336) 668-3868

July 7, 1998

Ms. Ellen B. Lorscheider
North Carolina Department of Environment and Natural Resources
Division of Waste Management
401 Oberlin Road
Suite 150
Raleigh, North Carolina 27605

Reference: Coble's C&D Landfill
Alamance County, North Carolina
Trigon Job No. 152-97-010C

Dear Ms. Lorscheider:

Trigon is writing in response to your memorandum of June 8, 1998 in which you requested additional information regarding the subject application. The following responses are provided to each of your requests regarding section .0504 of 15NCAC 13B and are in the same order in which they were asked:

1. The location of the C&D footprint and the existing LCID Landfill are depicted on Drawing 11 (attached).
2. The piezometers were installed by air rotary method. No split spoon samples were taken and therefore no boring logs were developed. The depths to competent rock identified during this drilling process are presented as Table 1 of the site application.
3. If dikes are present as indicated on Drawing 11 (attached), Trigon believes that it is likely that the northernmost dike will serve as a barrier and divert groundwater flow to the west at the north end of C&D Cell 1. The general groundwater flow trend of the site has been determined to be to the northwest. Trigon installed one temporary well, TW-1 in an effort to core the dike material

and provide additional hydrogeological data as requested. TW-1 was constructed approximately 10 feet to the west of the outcrop near MW-4 believed to be dike material. Rock coring at this location was begun at approximately 13 feet below ground surface after drilling of silt and clay overburden material similar to the outcrop was cored from 13.2 to 14.1 with a lense noted in the section from 14.4 to 15.0. Below this depth the granite material identified in the other cores was present. (See attached boring log and well construction record).

No laboratory testing has been conducted on the cored material due to its lithification. The dike material hydraulic conductivity is estimated to be on the order of 10^{-7} to 10^{-11} cm/sec (Groundwater, Freeze and Cherry) for an unfractured metamorphic rock. Fractures were noted in the core but appeared to be totally quartz filled. Therefore, no secondary porosity is evident and the porosity is estimated to be less than 5% (Applied Hydrogeology, Fetter). A bail-down test was conducted on TW-1 which is screened in the granite. A value of 1.5×10^{-4} feet per minute was calculated which is similar to the other tests. It is Trigon's opinion that groundwater mounding would occur on the southern side of the northern dike and flow would be directed to the west in the direction of TW-1 and MW-4.

Although TW-1 does not exhibit a hydraulic conductivity significantly different from the other wells, conversion to the permanent monitoring well will be completed at the Division's request. It should be noted that TW-1 is approximately 20 feet to the northwest of MW-4 and was located as close as possible to the outcrop which has triggered this discussion.

4. The locations of the observed dike and the possible dikes are provided on Drawing 11 Groundwater Contour Map with Proposed Landfill Location (attached).
5. The locations of the two proposed additional cells, No. 2 and No. 3 are also depicted on Drawing 11. The reference to cells 2-8 on the Site Plan was derived during early project discussions and should have been deleted.
6. It is Trigon's opinion that the existence of the LCID Landfill and the mining operation will not alter the groundwater flow regime at the site significantly.
7. In earlier conversations, Trigon had indicated that Mr. Coble recently purchased additional property to the north of the landfill adjacent to Poppaw Creek. However, it has come to our attention that this transaction is not complete and

Ms. Ellen B. Lorscheider
July 7, 1998
Page 3

that Mr. Coble will not take full ownership until January of 1999. However, he is in control of the property at this time.

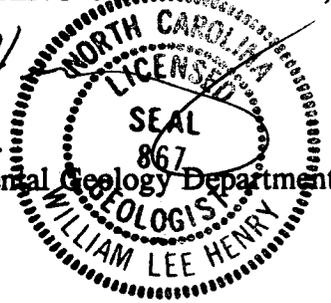
Trigon hopes this information is helpful and will complete the siting application. Please contact us if we can be of further assistance.

Sincerely,

TRIGON ENGINEERING CONSULTANTS, INC.



W. Lee Henry, P. G.
Manager, Environmental Geology Department



WLH:dsc



DEPTH, FT.

DESCRIPTION

● PENETRATION - BLOWS PER FT.

Blow
Count

5 10 20 30 40 60 80 100

0.0

Unconsolidated Material - See Boring Log for MW-4
Tricone Refusal @ 13.2'

13.2

Rock Core - Igneous, high quartz content, 4 - 14 inches between joints, joint spacing \leq 1mm, joint surfaces clean, no filling, quartzose granite.
REC = 85%, RQD = Granite

17.5

REC = 80%, RQD = 86%

22.6

End of Core Hole

12.0'

TEST BORING RECORD

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

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

BORING NO. TW-1

DATE DRILLED 6/12/98

JOB NO. 152-97-010C

PAGE 1 of 1

▨ UNDISTURBED SAMPLE

≡ WATER TABLE-24 HR.

150% ROCK CORE RECOVERY

≡ WATER TABLE-1 HR.

◀ LOSS OF DRILLING WATER

■ CAVE-IN DEPTH



WELL CONSTRUCTION RECORD

FOR OFFICE USE ONLY	
Quad. No. _____	Serial No. _____
Lat. _____	Long. _____ Pc _____
Minor Basin _____	
Basin Code _____	
Header Ent. _____	GW-1 Ent. _____

DRILLING CONTRACTOR Trigon Engineering Consultants, Inc.

DRILLER REGISTRATION NUMBER 813

STATE WELL CONSTRUCTION PERMIT NUMBER: NA

1. WELL LOCATION: (Show sketch of the location below)

Nearest Town: Liberty
Foster Store Road
 (Road, Community, or Subdivision and Lot No.)

County: Alamance

TW-1

2. OWNER Kent Coble
 ADDRESS Foster Store Road
 (Street or Route No.)

From	Depth	To	DRILLING LOG Formation Description
_____	_____	_____	<u>See Boring Log TW-1</u>
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

Liberty North Carolina
 City or Town State Zip Code

3. DATE DRILLED 06/12/98 USE OF WELL Monitoring

4. TOTAL DEPTH 22.6 CUTTINGS COLLECTED Yes No

5. DOES WELL REPLACE EXISTING WELL? Yes No

6. STATIC WATER LEVEL: 12.5 FT. above TOP OF CASING,
 below
 TOP OF CASING IS 0 FT. ABOVE LAND SURFACE

7. YIELD (gpm): N/A METHOD OF TEST N/A

8. WATER ZONES (depth): N/A

9. CHLORINATION: Type N/A Amount N/A

If additional space is needed, use back of form.

casing: Depth	Diameter	Wall Thickness or Weight/Ft.	Material
From <u>0</u> To <u>17.6</u> Ft.	<u>2"</u>	<u>Schedule 40</u>	<u>PVC</u>
From _____ To _____ Ft.	_____	_____	_____
From _____ To _____ Ft.	_____	_____	_____

LOCATION SKETCH

(Show direction and distance from at least two State Roads, or other map reference points)

See Drawing No. 151-97-010C-2

GROUT: Depth	Material	Method
From _____ To _____ Ft.	<u>Portland</u>	<u>Pour</u>
From _____ To _____ Ft.	_____	_____

SCREEN: Depth	Diameter	Slot Size	Material
From <u>17.6</u> To <u>22.6</u> Ft.	<u>2"</u>	<u>in. 0.010</u>	<u>in. PVC</u>
From _____ To _____ Ft.	_____	<u>in. _____</u>	<u>in. _____</u>
From _____ To _____ Ft.	_____	<u>in. _____</u>	<u>in. _____</u>

GRAVEL PACK: Depth	Size	Material
From <u>15.5</u> To <u>22.6</u> Ft.	<u>Fine Filter</u>	<u>Sand</u>
From _____ To _____ Ft.	_____	_____

14. REMARKS: Bentonite at 0' to 15.5'

I DO HEREBY CERTIFY THAT THIS WELL WAS CONSTRUCTED IN ACCORDANCE WITH 15 NCAC 2C, WELL CONSTRUCTION STANDARDS,
 AND THAT A COPY OF THIS RECORD HAS BEEN PROVIDED TO THE WELL OWNER.

DATE _____

SIGNATURE OF CONTRACTOR OR AGENT
 Submit original to Division of Environmental Management and copy to well owner.



NORTH CAROLINA DEPARTMENT OF ENVIRONMENT AND NATURAL RESOURCES
DIVISION OF WASTE MANAGEMENT

June 8, 1998

DRAFT



MEMORANDUM TO: W. Lee Henry, Trigon Engineering
Mr. Kent Coble, Coble's Sandrock, Inc.

FROM: Ellen B. Lorscheider, Solid Waste Section

RE: Coble's C & D Landfill, Alamance County,
Comments

The Solid Waste Section Hydrogeologic Unit received the above referenced Application Site Requirements dated December 16, 1997, and the Permit to Construct dated February 16, 1998. Preliminary comments were sent to Coble Sandrock and Trigon Engineering on April 9, 1998. The major concern addressed in the April 9 letter was the lack of separation from groundwater as shown on the base grade plans. It was felt that this needed to be addressed before a review of the C & D facility could progress. Changes have been made to the groundwater contour map in response to the April 9 letter but a new base grade map has not at this time been sent to me at the Solid Waste Section.

In an attempt to expedite matters concerning this C & D, the following are concerns which have been also identified. Please understand that because we have not received the entire package it is probable that there will be another response letter forthcoming from us as we continue to receive more information. Please provide responses to these comments and questions and make revisions as necessary.

In order to satisfy Solid Waste Management Rules (15A NCAC 13B) Section .0504, please note:

The location of the C & D footprint and the existing LCID landfill also needs to be shown on the same plan as the facility boundaries.

Please include the boring data from the piezometers with this report.

The influence of dikes on groundwater levels and movement needs to be addressed in the report. The dike would be considered a major lithologic unit and its hydrogeological properties need to be understood. In order to accomplish this, testing of the dike material needs to be performed to

determine hydraulic conductivity, volume percent water and porosity. This is necessary for the purpose of setting up the monitoring plan, which will in all likelihood be directly influenced by the location, and conductivity, of the dikes.

The locations of the dikes need to be included on the same map as the groundwater contours.

A conceptual design plan needs to be included in the report. Future expansion needs to be included in this plan, including the Cell's 2-8 as noted on the Landfill Site Plan dated April 1998.

On Page 5 of the Permit Application Plan, Section 1.2 states that the LCID operation "will continue in the location of the C&D Landfill. Coble's Sandrock will soon prepare a Mining Permit Application for submittal since a larger tract of land will be utilized for this purpose in the future." How does the excavations of the sandrock and the presence of the existing and future LCID influence the groundwater levels for the C & D site?

Given that the Groundwater Contour Map shows the site to be discharging to the creek area which lies to the North and flows to the East, the facility boundaries should include this entire creek area. This will keep the control of the major discharge within the facility boundaries.

The intent of this letter is to make clear some important issues which need immediate attention before a final review of this application can be completed. Please contact me with an indication of how these issues will be addressed. I can be contacted by phone at 919-733-0692 extension 345.

Tim Jewett, Solid Waste Section
Jim Coffey, Solid Waste Section



ENGINEERING CONSULTANTS, INC.

P.O. Box 18846 • Zip 27419-8846 • 313 Gallimore Dairy Rd. • Greensboro, N.C. 27409 • (336) 668-0093 • FAX (336) 668-3868

May 28, 1998

Solid Waste Section
401 Oberlin Road
Suite 150
Raleigh, NC 27605

Attention: Ms. Ellen B. Lorscheider

Reference: Coble Landfill

Dear Ms. Lorscheider:

Trigon is writing in response to your letter of April 9, 1998 to address the questions you asked in that document. The responses are as follows:

1. The groundwater data provided by Trigon's Greensboro office was based on data taken during the fall of 1997 in an effort to submit the application and initiate the review process.

Additional measurements were taken in April of 1998 after a winter season of abnormally high rainfall, possibly a 100 year event. These readings should suffice as reasonable seasonal high levels and may need to be adjusted downward in the future.

2. A revised Groundwater Contour Map based on these measurements accompanies this letter (Drawing 10).

Table of readings?

3. A revised General Landfill Site Plan is also attached which indicates the locations of possible dikes at the site as you requested. However, Trigon wishes to point out that the middle dike (possible dike) location and existence is based on Mr. Coble's description. The northernmost possible dike is based on the observation of a ridge and one outcrop near the location of MW-4.
4. In response to your request to discuss the influence of dikes on groundwater levels and movement, Trigon offers the following:

The dike which Trigon observed in the excavation and the possible dike to its north and south of the proposed C&D Landfill cell do not appear to have any effect on groundwater elevations which are not attributable to the general conformity of the piezometric surface to the topography. The possible exception is the behavior of the water table in piezometer P-6. The water level in P-6, as described above in Sections 4.3, 4.4, and Drawings 9 and 10 of the Siting Application report rose much slower than at other observation points after drilling. This could be attributed to a lack of fractures in this area or that it is located immediately downgradient of a hydraulic barrier, such as an unfractured dike.

*No
P-6!
something has
be done about*

*← Drawing
9
missing*

If the southern dikes (possible dikes) are affecting groundwater flow, it would be in a manner which could decrease the volume of groundwater flow into the C&D Landfill (acting as an upgradient barrier). Therefore, this would prove beneficial in that less leachate would be generated. Likewise, if there is a dike forming the ridge at the northernmost location of the subject property, it would likely divert flow westward toward the stream and wetland areas. This would reduce the area which would need to be monitored to detect and contain contaminated leachate. In summation, if these dikes are present and serving as flow barriers, their presence only enhances the suitability of the site for the location of a C&D Landfill.

5. Revised soil boring logs, including USCS classifications, are attached as you requested.

Trigon hopes this information is sufficient to address the questions you had regarding the siting application. As mentioned earlier, questions regarding the

Ms. Ellen B. Lorscheider
May 28, 1998
Page 3

Construction Application are being addressed by Trigon's Raleigh staff. Please contact me if I can be of assistance in any way.

Sincerely,

TRIGON ENGINEERING CONSULTANTS, INC.



W. Lee Henry, P. G., RSM
Manager, Environmental Geology Department



WLH:pkb

cc: Mr. Kent Coble, Coble's Sandrock
Mr. J. D. Solomon, Trigon Engineering Consultants, Inc.

10

NORTH CAROLINA DEPARTMENT OF
ENVIRONMENT AND NATURAL RESOURCES
DIVISION OF WASTE MANAGEMENT

April 9, 1998

MEMORANDUM TO: W. Lee Henry, Trigon Engineering
Mr. Kent Coble, Coble's Sandrock, Inc.

FROM: Ellen B. Lorscheider, Solid Waste Section *EL*

RE: Coble's C & D Landfill, Alamance County,
Preliminary Comments

The Solid Waste Section Hydrogeologic Unit received the above referenced Application Site Requirements dated December 16, 1997, and the Permit to Construct dated February 16, 1998. Following are concerns which have been identified. Please provide responses to these comments and questions and make revisions as necessary.

In order to satisfy Solid Waste Management Rules (15A NCAC 13B) Section .0503, please note:

It is required the site shall be designed so that the bottom elevation of solid waste will be a minimum of four feet above the seasonal high water table. The proposed excavated contours as shown on the Drawing 3 of the Application Construction Plan, shows that the elevation of the base grade is at approximate elevation 558 in the vicinity of the piezometers. The groundwater was found to be at elevation 570.25 on 11/12/97. The waste would be in the water at this location, and possibly throughout the footprint.

The vertical separation from waste needs to be based on the *seasonal high* groundwater. The reported groundwater readings were only taken during the Fall of 1997. More groundwater readings are needed to show if the groundwater may not in fact be higher than what is presently noted..

In order to satisfy Solid Waste Management Rules (15A NCAC 13B) Section .0504, please note:

Potentiometric contours are mislabeled or incorrectly plotted on the Groundwater Contour Map (Drawing No. 9). They do not reflect the stabilized water table elevations.

The location of the dike(s) needs to be shown on plan view, and on cross sections if applicable. The dike is apparent within several places within

the sandrock excavations and within streambeds, etc. A dike can also (possibly) be seen surfacing directly west of the wetland area. The influence of dikes on groundwater levels and movement needs to be addressed in the report.

Soils need to be classified according to USCS (United Soil Classification System).

The aforementioned comments are considered to be preliminary and are definitely not complete. The intent of this letter is to make clear some important issues which need immediate attention before a final review of this application can be completed. Please contact me with an indication of how these issues will be addressed. I can be contacted by phone at 919-733-0692 extension 345.

Tim Jewett, Solid Waste Section
Jim Coffey, Solid Waste Section

0105Permit1999 - Box No. _____

② Alamance 01-05 1999

01051999

To: Phil Prete

Corresy Permit #01-05
Alamance Co.
RECEIVED
N.C. Dept. of EHNR
OCT - 4 1999
Winston-Salem
Regional Office

September 29, 1999

Hugh Jernigan Jr.
NCDENR
585 Waughtown Street
Winston-Salem, NC 27107-2241

Dear Hugh:

This letter is to follow-up our phone conversation on September 27, 1999 regarding the small fire at the Construction and Demolition Landfill on Saturday, September 25, 1999.

Smoke was noticed by Kent Coble around 1:30 p.m. Saturday afternoon. He went to the C&D site and noticed the left side of the landfill was smoking. He followed Coble's Sandrock's policy regarding smoke & fire in an effort to contain and extinguish the fire. He called in all employees to help move debris out of the affected area and called the Snow Camp Volunteer Fire Department to help wet down the smoldering material.

The core of the fire was extinguished and the smoldering debris surrounding the core was completely wet down by the Snow Camp Volunteer Fire Department and removed from the landfill. Dirt was hauled into the affected area. Sunday, September 26, 1999, the smoke reappeared. Again efforts were made to contain and extinguish the fire. A thick layer of dirt now covers the entire C&D site. As of today, there has not been any more smoke and the fire is believed to be completely extinguished. The cause of the fire is speculated to have originated from decomposition in the landfill.

The fire was reported to NCDENR around 2:00 p.m. the same day via your voice mail. This letter is to comply with NC Administrative Code requiring written notification of such incidents.

Please give me a call if you have any questions.

Sincerely,



Carey Coble
cc: file
enc.:



RECORD OF COMMUNICATION

PHONE CALL DISCUSSION FIELD TRIP CONFERENCE
 OTHER (SPECIFY)

(Record of item checked above)

TO: *File*

FROM: *Hugh Ternigan*

DATE *9/27/99*

TIME

SUBJECT: *Coble Sandrock C&D Landfill*

SUMMARY OF COMMUNICATION

Received phone call 3:00 pm ^(voice mail) Saturday Sept. 25, 1999 from Coble Landfill to notify of a fire in the landfill. The fire (smoldering debris) had been observed ~ 1:30 pm and employees were addressing the problem and the Snow Camp Fire Dept had been called.

Subsequent phone calls on 9/27/99 revealed the fire had been extinguished. Formal letter to follow from Coble Landfill

CONCLUSIONS, ACTION TAKEN OR REQUIRED

INFORMATION COPIES

TO: *Phil Pretz*

NORTH CAROLINA DEPARTMENT OF
ENVIRONMENT AND NATURAL RESOURCES
WINSTON-SALEM REGIONAL OFFICE

2

May 28, 1999



JAMES B. HUNT JR.
GOVERNOR

WAYNE McDEVITT
SECRETARY

Mr. Kent Coble
Coble's Sandrock, Inc.
5833 Foster's Store Road
Liberty, North Carolina 27298

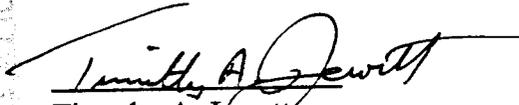
Re: Coble's C&D Landfill
Solid Waste Permit No. 01-05

Dear Mr. Coble:

The Solid Waste Section (the Section) has received your survey (dated April 21, 1999 from Tritech Civil Environmental, P.C.) certifying an additional portion of Cell I as meeting the base elevations proposed in the Approved Documents. This additional area is now suitable for placing construction and demolition material. As excavation and fill operations progress, please continue to inform the Section that base grades for the cell are being met to satisfy the minimum four (4) feet separation from seasonal high ground water.

If you have any questions, please call me at (336) 771-4608 ext. 204.

Sincerely,


Timothy A. Jewett
Western Area Engineer
Solid Waste Section

cc: Jim Coffey
Julian Foscue
Hugh Jernigan
Raleigh Central Files: Alamance County Permit No. 01-05

C:\MYDOCU-1\PERMIT\C&D\COBLEADD.LET

②

Alamance

01-05

2000

01059000



JAMES B. HUNT JR.
GOVERNOR

BILL HOLMAN
SECRETARY

WILLIAM L. MEYER
DIRECTOR

alamance co.



01-05

NORTH CAROLINA DEPARTMENT OF
ENVIRONMENT AND NATURAL RESOURCES

DIVISION OF WASTE MANAGEMENT

August 29, 2000

Mr. Kent Coble
Coble's Sandrock, Inc.
5833 Foster's Store Road
Liberty, North Carolina 27298

Re: Coble's C&D Landfill
Solid Waste Permit No. 01-05

Dear Mr. Coble:

The Solid Waste Section (the Section) has received your surveys (dated December 13, 1999 and June 30, 2000 from Tritech Civil Environmental, P.C.) certifying additional portions of Cell I as meeting the base elevations proposed in the Approved Documents. These additional areas are now suitable for placing construction and demolition material. As excavation and fill operations progress, please continue to inform the Section that base grades for the cell are being met to satisfy the minimum four (4) foot separation from seasonal high ground water.

If you have any questions or comments, please feel free to contact me at (336) 771-4608 ext. 204 or the Solid Waste Specialist for your area, Hugh Jernigan, at (336) 771-4608 ext. 206.

Sincerely,


Timothy A. Jewett
Western Area Engineer
Solid Waste Section

cc: Jim Coffey, SWS
Brent Rockett, SWS
Hugh Jernigan, SWS
Raleigh Central Files: Coble's Sandrock, Inc. C&D Landfill, Alamance County,
Permit No. 01-05

H:\WESTERN\RC&D\COBLEADD.CER.wpd



1646 MAIL SERVICE CENTER, RALEIGH, NORTH CAROLINA 27699-1646
401 OBERLIN ROAD, SUITE 150, RALEIGH, NC 27605
PHONE 919-733-4996 FAX 919-715-3605

AN EQUAL OPPORTUNITY / AFFIRMATIVE ACTION EMPLOYER - 50% RECYCLED/10% POST-CONSUMER PAPER

PERMIT NO. 01-05
ISSUED 30 SEPTEMBER 1998
MODIFIED 4 APRIL 2000
MODIFIED 29 AUGUST 2000

ATTACHMENT 1

List of Documents for the Approved Plan

The following documents are incorporated into the approved plan for Permit No. 01-05:

1. Revised document titled "Construction and Demolition Landfill Permit Application: Siting Requirements" submitted by Trigon Engineering Consultants, Inc. on 18 September 1998.
2. Revised document titled "Construction and Demolition Landfill Permit Application: Construction Plan Application" submitted by Trigon Engineering Consultants, Inc. on 4 September 1998.
3. Response to Technical review letter, submitted 18 September 1998 by Trigon Environmental Consultants, Inc. including a revised grading plan, revisions to the Water Quality Monitoring Plan, location of the 100 year Flood Plan elevation, and other information to satisfy permit requirements.
4. Certificate of Approval from the Division of Land Quality dated 14 September 1998 approving the Sediment and Erosion Control Plan for the facility (included with the letter described in Item No. 3 above).
5. Legal Description of the Facility (from Appendix A of the document listed in Item No. 1 above).
6. Survey dated September 30, 1998 from Moore & Ellis Registered Land Surveyors certifying base grades.
7. Survey dated December 3, 1998 from Tritech Civil Environmental, P.C. certifying base grades.
8. Survey dated April 21, 1999 from Tritech Civil Environmental, P.C. certifying base grades.
9. Survey dated October 22, 1999 from Tritech Civil Environmental, P.C. certifying base grades.
10. Survey dated December 13, 1999 from Tritech Civil Environmental, P.C. certifying base grades.
11. Survey dated June 30, 2000 from Tritech Civil Environmental, P.C. certifying base grades.



2

NORTH CAROLINA DEPARTMENT OF ENVIRONMENT AND NATURAL RESOURCES

DIVISION OF WASTE MANAGEMENT

April 4, 2000



JAMES B. HUNT JR.
GOVERNOR

BILL HOLMAN
SECRETARY

WILLIAM L. MEYER
DIRECTOR

Mr. Kent Coble
Coble's Sandrock, Inc.
5833 Foster's Store Road
Liberty, North Carolina 27298

Re: Coble's C&D Landfill
Solid Waste Permit No. 01-05

Dear Mr. Coble:

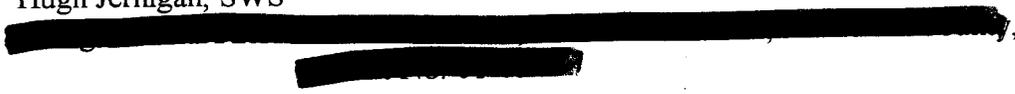
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If you have any questions or comments, please feel free to contact me at (336) 771-4608 ext. 204 or the Solid Waste Specialist for your area, Hugh Jernigan, at (336) 771-4608 ext. 206.

Sincerely,

Timothy A. Jewett
Western Area Engineer
Solid Waste Section

cc: Jim Coffey, SWS
Brent Rockett, SWS
Hugh Jernigan, SWS



H:\WESTERNR\C&D\COBLEADD.CER.wpd



1646 MAIL SERVICE CENTER, RALEIGH, NORTH CAROLINA 27699-1646
401 OBERLIN ROAD, SUITE 150, RALEIGH, NC 27605
PHONE 919-733-4996 FAX 919-715-3605

AN EQUAL OPPORTUNITY / AFFIRMATIVE ACTION EMPLOYER - 50% RECYCLED/10% POST-CONSUMER PAPER

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9. Survey dated October 22, 1999 from Tritech Civil Environmental, P.C. certifying base grades.

0105Permit2001 - Box No. _____

22

Alamance Co. 01-05

2001

01052001

1

Subject: Re: Coble Sandrock-Sedimentation Plan

Date: Tue, 11 Dec 2001 08:22:07 -0500

From: PJ Prete <phil.prete@ncmail.net>

To: Hugh Jernigan <Hugh.Jernigan@ncmail.net>

CC: Brent <Brent.rockett@ncmail.net>

thanks Hugh. I think it would be appropriate to ask them to complete the plan and begin implementing by the first of the year unless there is some situation that prevents it. It has been 4.5 months since were out there. Thanks for staying on top of it. -Phil
cc: Brent

Hugh Jernigan wrote:

> I was at Coble Sandrock last month and talked to them about the modified
> erosion control plan. Immediately after your visit, they contacted
> their consultant to prepare and submit a modified plan. At the time of
> my November visit Joyce Engineering was working on the plan. I called
> Coble Sandrock on Friday and Joyce Engineering is still working on it.
> The facility has reworked the sideslopes on the back side of the dam
> (the road that goes to the LCID area) and it has good vegetative cover.
>
> --
> Hugh Jernigan
> Waste Management Specialist
> NCDENR-Solid Waste Section
> Winston-Salem Regional Office
> (336) 771-4608 ext.208

Philip Prete <phil.prete@ncmail.net >

Subject: Coble Sandrock-Sedimentation Plan

Date: Mon, 10 Dec 2001 13:44:20 -0500

From: Hugh Jernigan <Hugh.Jernigan@ncmail.net>

Organization: NC DENR Solid Waste

To: PHIL PRETE <PHIL.PRETE@ncmail.net>

CC: brent.rockett@ncmail.net

I was at Coble Sandrock last month and talked to them about the modified erosion control plan. Immediately after your visit, they contacted their consultant to prepare and submit a modified plan. At the time of my November visit Joyce Engineering was working on the plan. I called Coble Sandrock on Friday and Joyce Engineering is still working on it. The facility has reworked the sideslopes on the back side of the dam (the road that goes to the LCID area) and it has good vegetative cover.

--

Hugh Jernigan
Waste Management Specialist
NCDENR-Solid Waste Section
Winston-Salem Regional Office
(336)771-4608 ext.208

Subject: [Fwd: Re: Pictures of Coble Sandrock Landfill]

Date: Thu, 06 Dec 2001 11:04:54 -0500

From: PJ Prete <phil.prete@ncmail.net>

To: Brent <Brent.rockett@ncmail.net>

CC: Hugh <hugh.jernigan@ncmail.net>

In our on-site meeting at Coble Sandrock in July, Coble committed to preparing and implementing an improved erosion control plan at the site. In this e-mail, there is an indication they are working on it. I have not heard anything since, and would like to close my file on this site. Please advise me at your earliest convenience whether they have:

- 1) submitted plan
- 2) plan approved
- 3) plan implemented.

If not, please consider appropriate enforcement action. Thanks.

----- Original Message -----

Subject: Re: Pictures of Coble Sandrock Landfill

Date: Mon, 27 Aug 2001 17:34:31 EDT

From: Gumjenny@cs.com

To: phil.prete@ncmail.net

The pictures were taken on Friday afternoon. Sorry for the delay with the pictures (we had some computer problems). The pictures were actually taken the day after a big rain.

The engineers are working on the erosion plan, but I am not sure the status. They have been very busy working on the franchise renewal for the past few weeks, but I will call them tomorrow and check on the progress.

Subject: Re: Pictures of Coble Sandrock Landfill

Date: Mon, 27 Aug 2001 13:57:31 -0400

From: Hugh Jernigan <Hugh.Jernigan@ncmail.net>

Organization: NC DENR Solid Waste

To: PJ Prete <phil.prete@ncmail.net>

Joyce Engineering is working on the updated erosion control plan. Recent inspection by the Land Quality Section showed the facility to be in compliance. I will send you a copy.

PJ Prete wrote:

> Thank you for sending the photos. That appears to be a good stand of grass
> on the side of the dam - quite a feat this time of year. Were those photos
> taken last week?

>
> Also, Mr. Coble agreed to have his engineers develop a plan. I would be
> interested in knowing the status of the erosion control plan that we talked
> about the day we were all at the site.

>
> I appreciate the cooperation and effort.

>
> Philip Prete
> Solid Waste Section Field Operations

>
> Gumjenny@cs.com wrote:

>
> > Let us know if you need anything else.

> >
> > -----
> > Name: Dam89.ZIP
> > Dam89.ZIP Type: application/zip
> > Encoding: base64
> > Download Status: Not downloaded with message

--
Hugh Jernigan
Waste Management Specialist
NCDENR-Solid Waste Section
Winston-Salem Regional Office
(336)771-4608 ext.208

Subject: Re: Pictures of Coble Sandrock Landfill

Date: Mon, 27 Aug 2001 17:34:31 EDT

From: Gumjenny@cs.com

To: phil.prete@ncmail.net

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The engineers are working on the erosion plan, but I am not sure the status. They have been very busy working on the franchise renewal for the past few weeks, but I will call them tomorrow and check on the progress.

Subject: Re: Coble Sandrock & C&D Landfill

Date: Fri, 24 Aug 2001 13:51:26 -0400

From: pjprete <phil.prete@ncmail.net>

To: Dana Barnes <tunker@bellsouth.net>

Dear Mr. and Ms. Barnes:

I am so glad you wrote. I had intended for days to call to get an e-mail address for you and never did. The day we met with you, as you know, we also met with Mr. Coble. We discussed all the issues that you all had concerns about and he was very interested in knowing what he could do to have you all realize he is trying to do the right thing. The one thing I told him he could do that ought to go a long way toward demonstrating his commitment to be a "good neighbor" was to repair the slope on the side of his road/pond dam. I suggested he reduce the slope and dress it with topsoil and seed it to minimize run off of sediment in the short term. He said he would do that the next day. I also suggested that he have his engineers develop a good erosion control plan, and he agreed he would do that as well. We left his site about 4:00 that afternoon. I was very pleased when I received by e-mail before 3:00 the very next day photos from Mr. Coble showing the work he had done on the side of the dam. I would have liked to have e-mailed them on to you, but it eventually slipped my mind. He had significantly knocked down the slope - at the expense of shrinking the width of his road -and he had seeded the slope. Prompted by your inquiry, I have asked if he could send some new photos so that I could see if he had a decent stand of grass growing (a very difficult feat this time of year without significant irrigation, I might add). I am told he is on his way out to take photos and he will e-mail them to me. I will send them on to you when I receive them. I will also look into the status of his erosion control plan. I hope to provide more information to you soon. Please keep in mind, even if the erosion is stopped, it will be some time before all the silt is flushed through the system. This was evident from our observations on our trek up through the woods.

I hope this is helpful. If you have additional questions, please let me know. It was a pleasure to meet you and your neighbors - especially Mr. Curl (I have his picture holding his bottle of muddy water hanging up in my office).

Sincerely,
Philip Prete
Enforcement and Field Operations
Solid Waste Section

Dana Barnes wrote:

> Dear Mr. Prete,
>
> Many thanks for meeting with us on 7/24/2001 at LaFoy Curl's concerning the
> silt runoff from Kent Coble's landfill. Time has passed and we are wondering
> what steps have been taken to relieve the problem of silt running into Mr.
> Curl's pond.
>
> It is our understanding that silt runoff is a serious offense with your
> department.
>
> Mr. Curl has told us that there continues to be the same level of silt
> runoff onto his property.
>
> We would appreciate knowing your intentions concerning this matter.
>
> Thank you again for your time.
>

2

ALAMANCE COUNTY LANDFILL
2701 Austin Quarter Road
Graham, North Carolina 27253
Phone: (336) 376-8902
Fax: (336) 376-8937



Memorandum:

To: Edward F. Mussler, P.E.
North Carolina Solid Waste Section
Post Office Box 27687
Raleigh, N.C. 27611-7687

From: Alvin Cagle AC
Alamance County Landfill

Subject: Landfill Operations Move into Cell 2b

Date: August 22, 2001

Alamance County began receiving waste in the MSW Cell 1 at the Alamance County Landfill on March 18, 1994. Through waste reduction, maximizing compaction density, and efficient soil usage, Cell 1 has been extended **2.4 years** beyond the 5 year expected capacity.

Operations moved into Cell 2b on August 22, 2001. As you are aware, a preoperative conference was conducted by John Bove, Project Engineer, at the site on July 11, 2001. Mr. Bove discussed preparation and operational procedures that provided for an efficient transition into Cell 2b. Alamance County Landfill staff and Santek Environmental (landfill contractor) staff were present at the conference.

All preoperative work (plumbing, pump startup, removing geotextile material from rock columns, and removing temporary test pipe from sump area) has been completed. Waste is selected for the bottom " fluff " layer and inspected as placed for pipes, wood or other objects that potentially could damage the liner.

Should you have comments or need additional information please contact me at 336-376-0411. Thank you for your assistance of this matter.

Cc/ John Bove, Hazen and Sawyer
Cc/ Farrell Kidd, Joe Richardson, Curtis Worker, Santek Environmental
Cc/ Hugh Jernigan, Solid Waste Specialist
Cc/ David Cheek, County Manager

01-05

COBLE SANDROCK C&D LANDFILL WATER QUALITY DATA SUMMARY

	Sep-98	Apr-99	Oct-99	Apr-00	Nov-00
MW-1					
Ba	BDL	Dry	470	240	BDL
Cd	BDL	Dry	5	2	2
Cr	BDL	Dry	54	36	15
Pb	BDL	Dry	BDL	5	BDL
Hg	BDL	Dry	BDL	BDL	BDL
MW-2					
Ba	122	192	190	BDL	BDL
Cd	1	9	2.6	2	BDL
Cr	36	38	36	30	BDL
Pb	BDL	27	BDL	5	BDL
Hg	BDL	BDL	BDL	BDL	BDL
MW-3					
Ba	121	2210	210	340	BDL
Cd	BDL	BDL	2.1	4	BDL
Cr	BDL	126	34	76	BDL
Pb	BDL	7	BDL	19	BDL
Hg	BDL	0.9	BDL	BDL	BDL
MW-4					
Ba	268	295	240	BDL	BDL
Cd	BDL	BDL	2.2	BDL	BDL
Cr	22	17	23	10	BDL
Pb	BDL	13	BDL	BDL	BDL
Hg	BDL	0.4	BDL	BDL	BDL

All values are in ppb

MW-3 appears to be the upgradient well.

The last sampling event was to have taken place in April of this year.

No organics have been detected.

Labs involved with the analyses are all certified. We have not had any problems with any of them in the past.

Three consultants are known to have been a part of monitoring and reporting. I'm not sure who was involved in the first event. The most

Subject: Coble Sandrock & C&D Landfill
Date: Tue, 21 Aug 2001 15:05:40 -0400
From: "Dana Barnes" <tunker@bellsouth.net>
To: <phil.prete@ncmail.net>

Dear Mr. Prete,

Many thanks for meeting with us on 7/24/2001 at LaFoy Curl's concerning the silt runoff from Kent Coble's landfill. Time has passed and we are wondering what steps have been taken to relieve the problem of silt running into Mr. Curl's pond.

It is our understanding that silt runoff is a serious offense with your department.

Mr. Curl has told us that there continues to be the same level of silt runoff onto his property.

We would appreciate knowing your intentions concerning this matter.

Thank you again for your time.

Dana & Caryl Barnes
Kimesville NC

24

County OKs extension for Alamance landfill

Alamance commissioners agree, however, to place a moratorium on new landfills.

BY CHARLIE FRAGO
Staff Writer

The dump trucks are hard to miss along Foster Store Road. Lumbering down the two-lane blacktop through the rolling hills south of Burlington, the trucks hauled more than 40 tons of construction and demolition debris from 20 counties in 2000 to a private landfill run by Kent Coble.

On Monday, the Alamance Board of Commissioners voted unanimously to extend Coble's franchise agreement with the county another five years over the objections of neighbors who complain about the noise, trash and runoff from the landfill.

The facility accepts only construction waste, not household waste, stumps or hazardous materials.

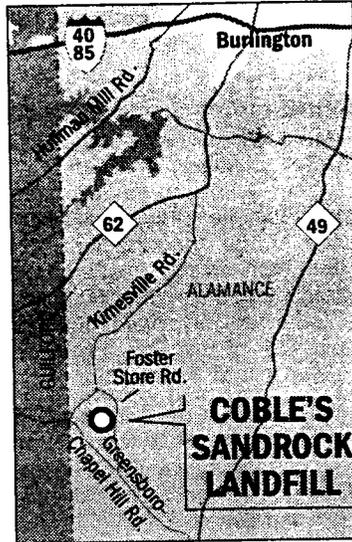
At the meeting, the Coble family celebrated. Dejected neighbors were left holding plastic bottles of cocoa-brown water they said had been muddied by the landfill.

Almost lost in the hubbub was Commissioner Sam Powell's proposal that the county impose a one-year moratorium on new landfills until it can come up with a plan to protect itself from becoming a dumping ground.

The proposal passed unanimously.

"Bottom line: Without countywide zoning, I'm concerned that Alamance County could become a target for landfills," Powell said. "We have no land-use controls, and we're on the interstate."

Waste from the Northeast already is being put into Virginia landfills. It could just as easily



TIM RICKARD/News & Record

"The dust from those trucks just comes right down the hill to my place. They've got to do something."

A limited form of zoning, which restricts the kind of hot-button development issues that have sprung up in the county over the past year, is what Powell has in mind.

"Maybe not to the extent of countywide zoning, but at least to put constraints on the kinds of activities like the proposed slaughterhouse on N.C. 87 and landfills," Powell said. "We can't afford to become a regional, state or national landfill."

Contact Charlie Frago at 227-6380 or cfrago@news-record.com

be shipped to Wilmington and hauled up Interstate 40 to Alamance, Powell said.

During the moratorium, county staff must gather public input on landfills from residents and local contractors, examine loosening the restrictions and fees for construction and demolition debris at the county landfill and prepare proposals for limiting future landfills.

Coble's landfill is Alamance's only private construction and demolition landfill.

The county-operated landfill accepts household waste and construction materials. Currently, the county cannot legally stop new landfills, Powell said.

"This should put people on notice that if they want to open a landfill, they better come talk to us or run the risk of being shut down when we put some rules into place," Powell said.

But Powell's proposal was too little, too late, said LaFoy Curl, 81, who has lived on his 28-acre farm next to Coble's landfill for 28 years.

"It won't do anything about the runoff from Coble's muddying up my pond," Curl said.

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Board OKs franchise extension

Some residents feel 'sold out' by decision

GRAHAM

By Brent Lancaster
Times-News

County leaders approved a franchise extension with a local construction and demo-

lition landfill despite the protests of some residents Monday night, saying Alamance County got the best deal it could.

The Alamance County Board of Commissioners granted a five-year franchise extension to Coble's Sandrock construction and demolition landfill after negotiating new restrictions on the company's operations.

But those restrictions aren't enough for Delores Arey, who

"I think the county didn't get anything from him that they asked for, and we didn't get any protection."

Delores Arey
Resident of southwestern Alamance County

lives near the landfill in southwestern Alamance County, Arey and some other residents asked the commissioners earlier this year not to grant Coble's a new franchise,

which would allow the landfill to expand. "I think the county didn't get anything from him that they asked for, and we didn't get any protection," Arey said.

Extension: Landfill service will be limited to 25 miles

Continued from Page C1

could soon be home to more private landfills, and the commissioners agreed that taking a tougher stance with Coble's could set a precedent to discourage new landfills.

Some commissioners were concerned about waste coming into Alamance County from across the state. Coble's received 40,488 tons of waste in 1999-2000. Items came in from 20 counties.

After Monday's vote, Commissioner Sam Powell asked the board to approve a yearlong moratorium on new landfills so county staff can study whether new ones may look at the county. It passed unanimously.

board's decision. "I'm still not in favor of it."

The commissioners made a change to the negotiated contract before approving it. Powell suggested that Coble's should maintain insurance coverage for 20 years after the landfill closes. The county had negotiated for 10 years.

The county issued a franchise to Coble's in September 1997 that runs until Sept. 1, 2002.

Under the new franchise, Coble's agrees to: increase the amount of financial security it carries from \$250,000 to \$500,000; limit its service area to 25 miles from the landfill with some customers grandfathered in; add a layer of compacted soil to the bottom of

new landfill cells to keep liquids from seeping in; and pay a host fee of \$1 per ton.

County Attorney David Smith said construction and demolition landfills are inspected and licensed by the state. The changes Coble's agreed to, such as the compacted soil requirement, are not required to operate by the state.

The board voted 4-0 to approve the new franchise. Commissioner Larry Sharpe excused himself from the vote because the bank that employs him has a financial interest in the operation. Kent Coble, landfill co-owner, left Monday's meeting before he could be asked for comment.

after Monday's vote. "And I think that we were sold out, basically."

After negotiations, Coble's agreed to limit its service area, carry more insurance, add a soil layer to the bottom of new landfill areas and pay a fee based on the amount of material taken in.

The county began looking at the landfill during a spring retreat. County Manager David Cheek said the county

See EXTENSION/Page C2

Board makes tough decision

Commissioners look at landfill expansion

GRAHAM

By Brent Lancaster
Times-News

Alamance County has reached an agreement that would allow the county's only

commercial construction and demolition landfill to expand. The Alamance County Board of Commissioners, which have the final say, will take a look at the new franchise agreement with Coble's Sandrock Inc. during a meeting tonight.

Some residents who live around the landfill have asked the board not to allow the expansion. Commissioner Tim Sutton has said the decision is one of the toughest he has

faced as a commissioner.

When the company, which operates a landfill on Foster Store Road, approached the county about a franchise extension this year, the county's staff wanted to tighten regulations.

The county asked Coble's to pay a host fee based on how many tons it takes in and to expand the amount of financial security it carries. The county also asked Coble's to limit its service radius and

add a clay liner to future landfill areas to help keep liquids from seeping into the soil.

A copy of the proposed new franchise shows that the company has agreed to most of those requests, although not always to the extent that the county asked for.

"I think it's a good franchise. We've made a lot of headway," County Manager David Cheek said. "I think it's a good agreement."

How residents around the

landfill feel about the agreement remains to be seen.

After reading published reports that Coble's wanted to renew its franchise and expand into another cell, some residents protested.

A group urged the commissioners during a meeting in the spring not to allow an expansion. They complained about truck traffic, noise and garbage along the side of

See DECISION/Page C2

Decision: Franchise would agree to recycle

Continued from Page C1

nearly roads.

Coble's received 40,488 tons of waste in 1999-2000. Items came in from 20 counties.

The county issued a franchise to Coble's in September 1997 that runs until Sept. 1, 2002.

A look at the proposed new franchise shows that:

- Coble's would increase the amount of financial security that it holds from \$250,000 to \$500,000. The financial security requirement would end 10 years after the landfill closes; the county had asked for 20 years.
- The area to be served would be limited to 25 miles from the landfill, but compa-

nies outside the area that were already working with Coble's would be grandfathered in. The company would give preference to waste coming from Alamance County.

■ Coble's would add a layer of compacted soil to the bottom of the new landfill cell. The county had asked for a clay liner.

■ The county asked for a host fee of \$2 per ton. The proposed franchise shows a fee of \$1 per ton.

■ Coble's would agree to screen recyclable materials and remove them from debris dropped off at the landfill.

Kent Coble, co-owner of the company, could not be reached for comment on the proposed franchise.

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APR 18 2001

01/04/12

Landfill faces new regulation

County takes tougher stance as precaution

Graham
By Brent Lancaster
Times-News

Alamance County wants to ask more of commercial landfills, starting with the one already here. The county is taking a tougher stance as it negotiates a new franchise agreement with Coble's Sandrock Inc. to operate a construction and demolition landfill on Foster Store Road.

Alamance County is asking the company to pay a host fee based on how many tons it takes in and to expand the amount of financial security it carries. The county also wants Coble's to decrease its service radius and add a clay liner to future landfill areas to help keep liquids from seeping into the soil. County leaders want to have tight regulations in place in case other private landfills try to locate in the area. County Manager David Cheek said the county's requests might change as the franchise agreement is negotiated.

"We're not trying to be overbearing. We're just trying to be cautious," Cheek said.

Kent Coble, co-owner of the company, would not comment on the county's request because the franchise agreement is in negotiations.

Coble's is the only commercial construction and demolition landfill in the county. The Austin Quarter Landfill in Saxapahaw, which is owned by the county, also takes construction and demolition waste. The county issued a franchise to Coble's in September 1997. The company has asked to renew that franchise, which expires on Sept. 1, 2002.

Coble's received 40,488 tons of waste in 1999-2000. Items came in from a 20-county area, according to statistics provided by the county.

The county is asking to create a host fee of \$2 per ton of debris.

County leaders also are asking the company to maintain a \$500,000 pollution liability insurance policy throughout the life of the landfill and for 20 years after it closes. The company now holds a \$150,000 policy.

County officials also want Coble's to comply with Alamance County's recycling ordinance and give first priority to waste from within the county.

At a meeting this week, commissioners discussed the franchise agreement with county staff.

Commissioner Larry Sharpe said he has received complaints from residents living near the landfill about truck traffic and mud on the roads.

County leaders discussed their obligations to protect public health and also encourage free enterprise. That middle ground may come out of negotiations with the landfill owners.

"They're here, we're here, and whether we meet in the middle somewhere is the county's call," Cheek said.

Recycling program may get boost

Graham

By Brent Lancaster

Times-News

David Cheek says Alamance County has a good recycling program — it just needs a little promotion. Cheek, the county manager, hopes revenues from a host fee the county wants a local private landfill operator to pay would help boost the county's recycling program.

It's part of an effort to revive recycling in Alamance County after it suffered a setback in 1999, when a private recycler closed a plant in south Burlington.

"I think our recycling program is a good one now, but it's not one that's advertised," Cheek said.

The county is asking for a host fee from Coble's Sandrock Inc., which operates a construction and demolition landfill on Foster Store Road and wants to renew its franchise.

Revenues from the host fee could be used to advertise the county's recycling program, Cheek said.

The county also decided this week to extend franchises for residential garbage pickup in the unincorporated areas of the county for a year to coincide with recycling franchises. County leaders hope the move will encourage recycling.

Last week, the county returned a few items to its recycling lists. The county added plastic containers and steel/metal food and beverage cans. Both items were condemned to the landfill after Browning Ferris Industries (BFI) closed a plant on Frank Holt Drive.

Recycling is market driven, and BFI provided most of the local market for items collected by the county. County leaders were forced to take items that also included green and blue glass containers and industrial cardboard tubes and cones from the recyclables list because there was no market for them.

Home Page

News Contacts



The Times-News welcomes comments on its coverage, as well as suggestions for stories. Dial 227-0131 and ask for the newsroom. Editors for this section, with telephone extensions and e-mail addresses, are listed at here.

- Frank Isley, city editor, Ext. 3040, e-mail: ed1@thetimesnews.com
- Karen Potter, news editor, Ext. 3035, e-mail:

PHONE:

Our area code is 336

Circulation: 229-2444
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 Newsroom: 227-0131





The Landfill Ledger

Coble's Sandrock Seeks New Franchise Agreement

Thank you to everyone who showed up at the May 21 Commissioners meeting on our behalf. Approximately 175 supporters attended the meeting to voice their dismay with Alamance County's proposal to "tax" customers with a \$2/ton host fee, limit our service radius and other issues. The result of that meeting led us back to the table to try to renegotiate with County management. However, our attempts to compromise with the County failed and we will be going back before the Board of Commissioners on Monday August 6, 2001 at 9:00 am.

Your presence at this meeting is even more vital

than before. The County needs to know that you do not stand for higher landfill fees and limits on which landfills you may use. Many of you are small business owners like ourselves and understand that these excessive and burdensome requirements are more than a small business can handle. Would you stay afloat if the county imposed such restrictions and taxes on your business?

Please take the time to attend this very important meeting. Without the support of our customers, landfill prices will increase!

Please note change in meeting date...

Meeting:
Alamance County
Board of Commissioners
Monday, August 6th,
2001
9:00 am
Graham, NC



Coble's Sandrock

Volume 1, Issue 5

Summer 2001



Coble's Sandrock & Recycling



Landfills are the least desirable place to dispose of solid waste, and should be the last resort for proper disposal. However, not all waste can be incinerated, recycled or otherwise managed and landfills are the only alternative for those wastes. Every effort

should be made to separate recyclable waste materials on the job site and transfer them to appropriate waste recycling facilities, such as Federal Waste Paper in Burlington for cardboard, Commercial Levin or DH Griffin for metal, etc. Incidental recyclable waste

that makes its way to Coble's Sandrock is separated and transported to recycling centers. It is a costly process for us to handle recyclable materials, so please do your part to comply with the Alamance County Recycling Ordinance and recycle!

Regulatory Visits

Hugh Jernigan, with NCDENR, conducted an unannounced landfill inspection on May 8,



Hugh Jernigan, Solid Waste Specialist with NCDENR.

2001. Coble's Sandrock was found to be in compliance with all state regulations.

We are very proud of our employees for their role in maintaining the landfill in complete compliance with applicable regulations.

Charles Atkins and Tommy Coble are very conscientious and effi-

cient in their roles at Coble's Sandrock. Both of them deserve a pat on the back for their continued commitment to keeping us deficiency-free! Please don't give them such a hard time when they ask you to back up a little further or detain you a few minutes longer to check your load!

Random Screenings and Disciplinary Actions

Offense	Number of Occurrences
Unsecured Load	24
Tires	78
Household Garbage	18
Smoldering Materials/ Burn Barrels	3
Liquids, Paint Cans (full), Oil/Gas Cans	21
Other	10

The table to the left displays the results of our random screening process as well as our pre and post-inspections for each load dumped (or attempt to be dumped) in the C&D landfill. The dates of the results are from October 1998 through June 30, 2001.

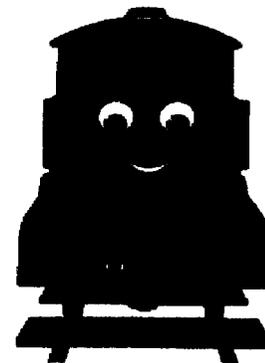
The figures relating to tires and paint cans include the number of occurrences, not the number of tires or paint cans. Examples of items in the "other" category are batteries, industrial waste and smoking at landfill area.

Coble's Sandrock strictly enforces its policy on unacceptable items. If you have questions regarding the appropriateness of any waste, please call our office at (336)565-4750.

For the Little Engineers...

Thomas the Tank Engine and his friends will make a guest appearance at the North Carolina Transportation Museum (near Charlotte) October 5, 6, 7 and 12, 13, 14, 2001. Train rides and pictures with Thomas and Sir Topham Hatt, will be part of the attractions. So all those future train engineers should mark their calendars for this special event.

Tickets must be purchased in advance. Thomas train rides will begin at 9:15 am each day and will depart every 45 minutes until 4:45 pm. When purchasing tickets, you must specify a date and time to ride. Tickets are \$10 for kids 3-12 and \$15 for adults. For more information, contact the North Carolina Transportation Museum at (704) 636-2889 or visit their web site at www.nctrans.org



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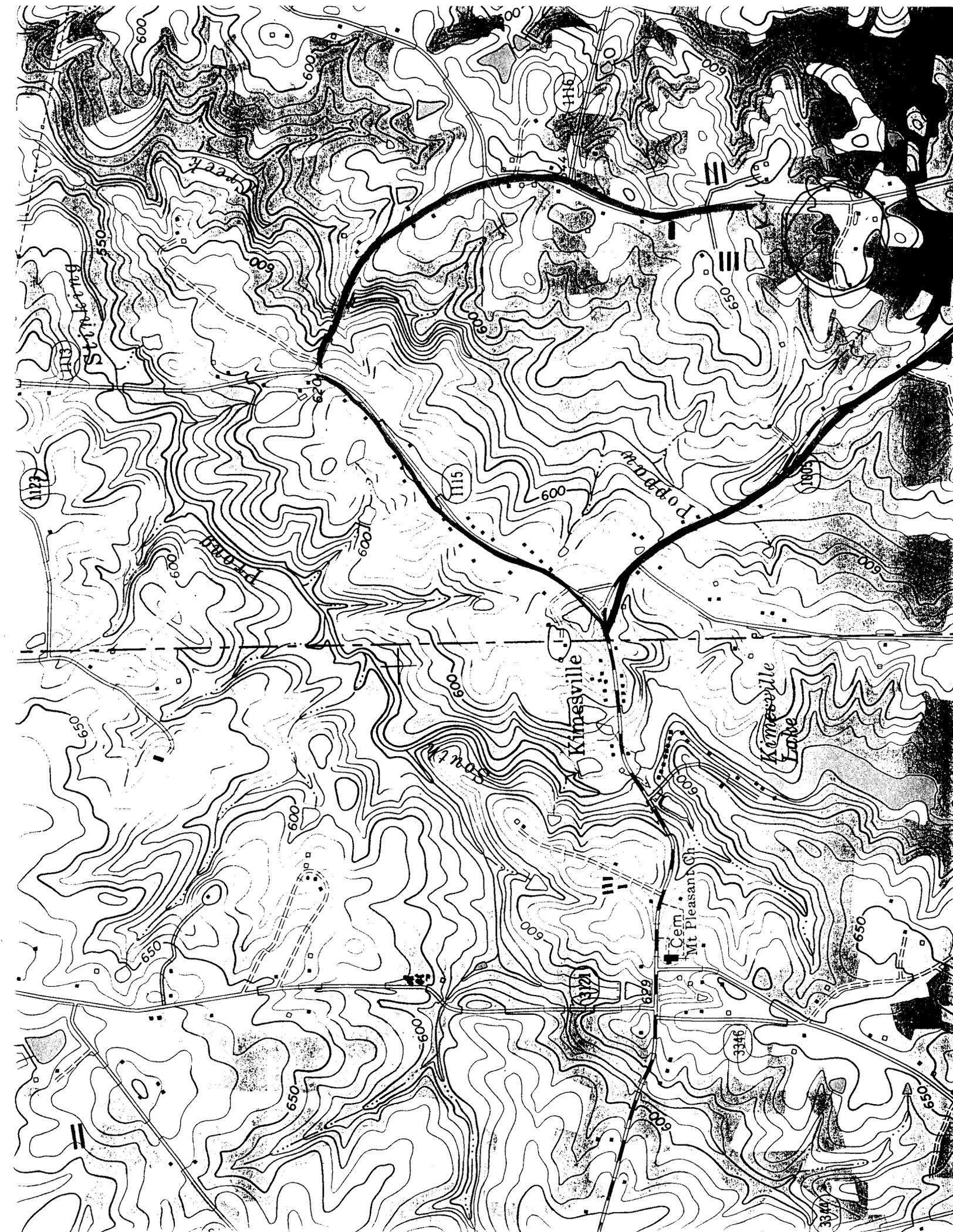
Crawler Machinery Parts & Services
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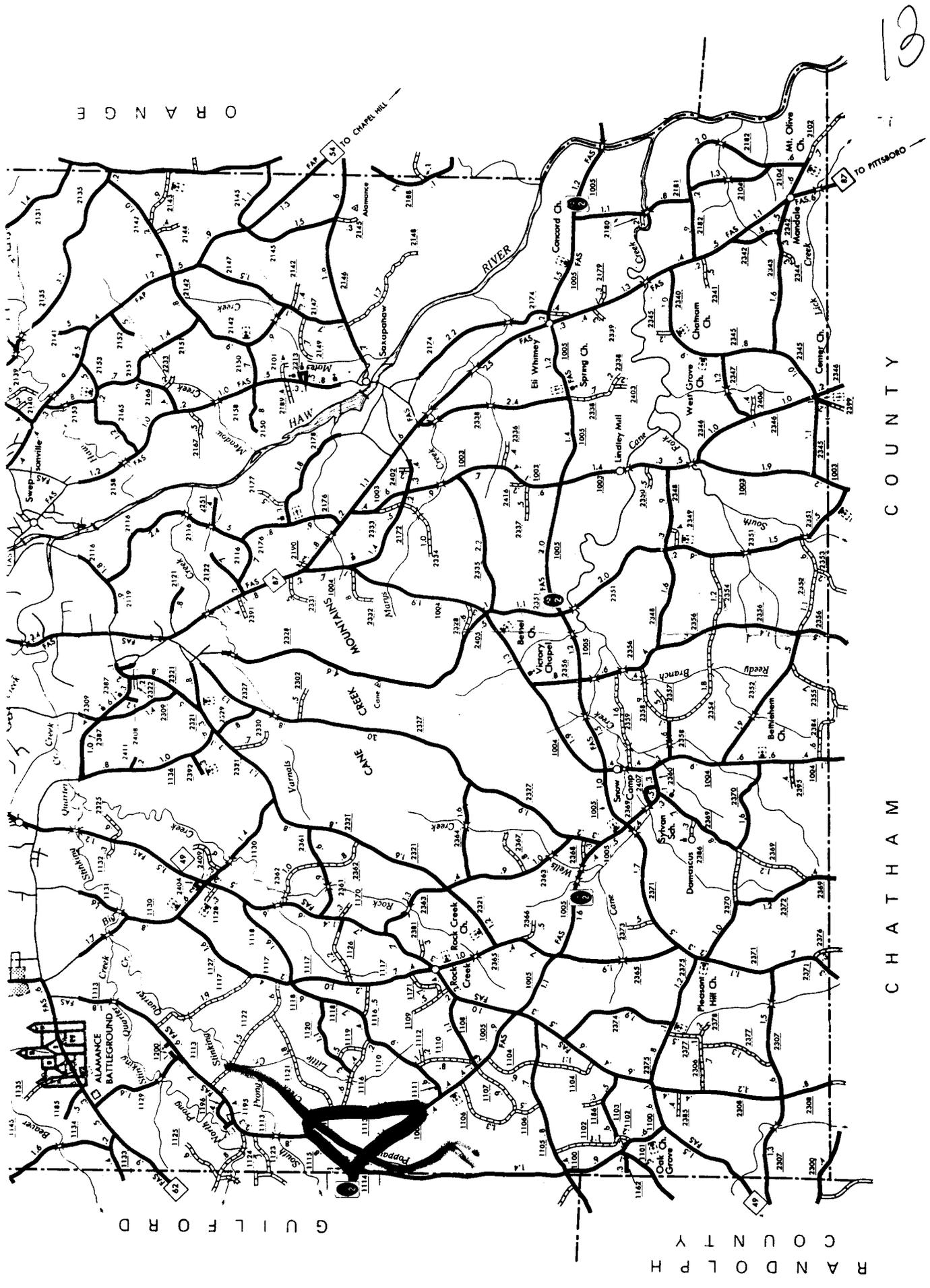


Maloy Frye
Branch Manager

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1079 Boulder Road
Greensboro, NC 27419-9309

Home: 336-824-5188
Office: 336-299-3450
Toll Free: 1-800-634-7789
Fax: 336-292-0251
Mobile: 336-215-3848





CHATHAM COUNTY

8

RANDOLPH COUNTY

GUILDFORD

ORANGE

TO CHAPEL HILL

TO PITTSBORO



The last sampling event was to have aken place in April of this year.

No organics have been detected.

Labs involved with the analyses are all certified. We have not had any problems with any of them in the past.

Three consultants are known to have been a part of monitoring and reporting. I'm not sure who was involved in the first event. The most recent two events were handled by Joyce Engineering and ENCO Labs. Both are "4 star" companies as far as our experience.

Larry

Cable Sandrock

	<u>9/98</u>	<u>4/99</u>	<u>10/99</u>	<u>4/00</u>	<u>11/00</u>
MW-1					
Ba	BDL	Dry	470	240	BDL
Cd	BDL	Dry	5	2	2
Cr	BDL	Dry	54	36	15
Pb	BDL	Dry	BDL	5	BDL
Hg	BDL	Dry	BDL	BDL	BDL
MW-2					
Ba	122	192	190	BDL	BDL
Cd	1	9	2.6	2	BDL
Cr	36	38	36	30	BDL
Pb	BDL	27	BDL	5	BDL
Hg	BDL	BDL	BDL	BDL	BDL
MW-3 (upgradient)					
Ba	121	2210	210	340	BDL
Cd	BDL	BDL	2.1	4	BDL
Cr	BDL	126	34	76	BDL
Pb	BDL	7	BDL	19	BDL
Hg	BDL	0.9	BDL	BDL	BDL
MW-4					
Ba	268	295	240	BDL	BDL
Cd	BDL	BDL	2.2	BDL	BDL
Cr	22	17	23	10	BDL
Pb	BDL	13	BDL	BDL	BDL
Hg	BDL	0.4	BDL	BDL	BDL

* All values are in PPB

July 25, 2001

MEMORANDUM

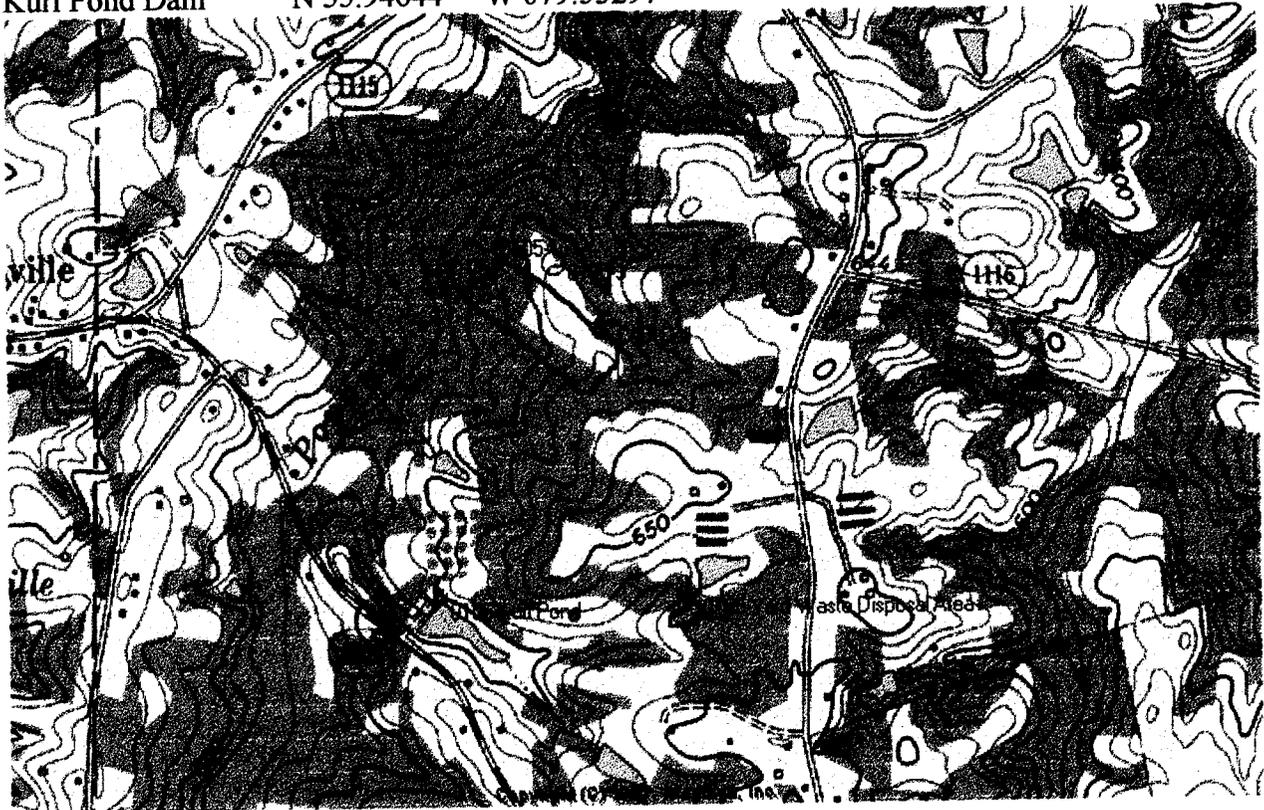
To: Philip Prete

From: Mark Poindexter

Re: Coble C&D Site Visit, Alamance County (Permit #01-05)

This is the GPS data I collected yesterday at the Coble C&D facility and the Kurl property.

MW-1	N 35.95346	W 079.53138
MW-2	N 35.95307	W 079.53272
MW-3	N 35.95298	W 079.52985
MW-4	N 35.95255	W 079.53263
Yard Waste Cell	N 35.94633	W 079.52658
Kurl Pond Dam	N 35.94644	W 079.53297



Subject: Re: Franchise/Coble LF

Date: Tue, 10 Jul 2001 11:17:26 -0400

From: PJ Prete <phil.prete@ncmail.net>

To: Hugh Jernigan <Hugh.Jernigan@ncmail.net>

CC: Brent <Brent.rockett@ncmail.net>

Thanks Hugh. The caller was Ms. Barnes. We had a lengthy conversation, and she seemed most appreciative. I do not mind talking to these people. My objective in doing so is to make sure they feel listened to, to allay any fears I can, to educate them best I can, and to assure them that we are doing our best to protect them - probably the very same thing you set out to do. Sometimes all they need is to hear the same thing twice from two different sources. Thanks for all your involvement and patience with this site and its neighbors. -Phil

cc: Brent

Hugh Jernigan wrote:

Phil, -There is no 1994 franchise agreement with Coble Landfill and Alamance County-. The facility did not entertain an idea of applying for a proposed C&D Permit until 1997. The caller you are referring to is confusing the date Alamance County enacted a Franchise Ordinance (December 5, 1994) with the date Alamance County granted a C&D Landfill Franchise to Coble (September 2, 1997). The current franchise agreement is effective until September 2, 2002. The franchise allowed Coble to utilize up to seven acres for the C&D Landfill. The first C&D waste disposal at the facility was conducted October, 1998, and they are permitted for an 5.85 acre disposal footprint. The facility has a permit modification application submitted to the Section for a little over an acre expansion to the current footprint which would meet the requirements of the franchise. I also requested the facility include proposed Mobile Home Deconstruction in the permit modification application in that I thought this operation would constitute Treatment and Processing.

The current franchise renewal discussions are concerning an addition to the seven acre footprint for C&D waste disposals at the facility.

I am faxing you the franchise agreement to you, which was part of the approved documents in the issuance of Permit 01-05.

Hope this helps. Thanks, Hugh J.

PJ Prete wrote:

I did not find the franchise. According to one caller, there was a 1994 franchise, and according to Tim, there was a later one. I would like copies of both if you can find them and fax them my way. Thanks. -Phil

Hugh Jernigan wrote:

- > Did you find the franchise agreement for Coble Landfill and Alamance
- > County? If not, I could make you a copy and send it to you.
- > Seems you are still getting calls from the citizens in the area. If
- > there is something you would like me to do or have any ideas, please let
- > me know. The people complaining should be contacting me instead of the
- > Raleigh Staff. By the way, the County Commissioners meeting for the
- > proposed renewal of the franchise has been re-scheduled for August 6th.
- > Thanks.
- > --

Subject: Re: Franchise/Coble LF

Date: Tue, 10 Jul 2001 10:34:47 -0400

From: Hugh Jernigan <Hugh.Jernigan@ncmail.net>

Organization: NC DENR Solid Waste

To: PJ Prete <phil.prete@ncmail.net>

CC: Brent Rockett <Brent.Rockett@ncmail.net>

Phil, -There is no 1994 franchise agreement with Coble Landfill and Alamance County-. The facility did not entertain an idea of applying for a proposed C&D Permit until 1997. The caller you are referring to is confusing the date Alamance County enacted a Franchise Ordinance (December 5, 1994) with the date Alamance County granted a C&D Landfill Franchise to Coble (September 2, 1997). The current franchise agreement is effective until September 2, 2002. The franchise allowed Coble to utilize up to seven acres for the C&D Landfill. The first C&D waste disposal at the facility was conducted October, 1998, and they are permitted for an 5.85 acre disposal footprint. The facility has a permit modification application submitted to the Section for a little over an acre expansion to the current footprint which would meet the requirements of the franchise. I also requested the facility include proposed Mobile Home Deconstruction in the permit modification application in that I thought this operation would constitute Treatment and Processing.

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> Thanks.
> --
> Hugh Jernigan
> Waste Management Specialist
> NCDENR-Solid Waste Section
> Winston-Salem Regional Office
> (336)771-4608 ext.208

--

Hugh Jernigan
Waste Management Specialist
NCDENR-Solid Waste Section

Winston-Salem Regional Office
(336)771-4608 ext.208

Section 4. Prior to accepting material, Coble's shall provide financial security to the County in the initial amount of \$50,000.00 to cover potential environmental problems, closure of said landfill, and any possible financial problems incurred by Coble's. This amount covers the first acre of the permitted landfill. Coble's will increase the amount of the financial security in increments of \$50,000.00, up to a maximum of \$250,000.00 as each additional acre is used for the landfill. The initial mechanism for financial security will be a fully funded \$50,000.00 account at Central Carolina Bank that names the County as beneficiary and which cannot be cancelled or cashed without Alamance County's written approval. The financial security mechanism may be changed in the future to any mechanism that is satisfactory to both the County and Coble's. The requirement for financial security will terminate and be returned to Coble's either five years after the landfill is closed or when closure is approved by the State of North Carolina.

Section 5. The population to be served by the landfill will consist primarily of commercial contractors who specialize in construction, demolition, and land-clearing activities. It is anticipated that the initial wastestream will come primarily from Alamance and Guilford Counties, but the landfill will be available to users from other counties as well.

Section 6. The waste that may be accepted by the landfill will be composed of waste or debris resulting from roofing, construction, remodeling, repair, or demolition operations on pavement, buildings, or other structures. There also will be waste accepted from land-clearing activities such as stumps, trees, limbs, brush, grass, and other naturally occurring vegetative matter. Inert debris such as concrete, brick, concrete block, uncontaminated soil, gravel and rock, and wood also will be accepted. Yard waste will not be accepted at the landfill. Coble's must monitor the waste offered to the landfill and to reject any loads of floor tiles or very old siding and very old roofing shingles that are likely to contain significant levels of asbestos. Other unacceptable wastes include any friable asbestos, organic/household wastes, waste that has been in contact with petroleum, solvents, or

chemicals, waste containing PCBs, and waste that has been in contact with pesticides or herbicides.

Section 7. The application and fee of \$100.00 has been received.

Section 8. The initial fee schedule for the landfill, approved by the County, is attached as Exhibit A. Coble's shall submit any proposed fee changes to the County for approval at least sixty (60) days prior to the proposed effective date of the fee changes.

Section 9. This franchise shall have a term of five (5) years.

Section 10. Coble's agrees to operate the landfill in accordance with all applicable laws and regulations and comply in all material respects with any permit issued by the State of North Carolina.

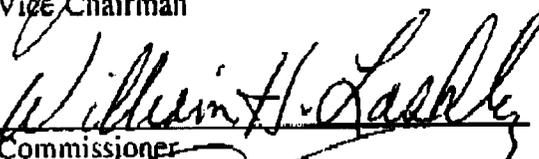
Section 11. Coble's will require all haulers using to the landfill to comply with N.C.G.S. §20-116(g).

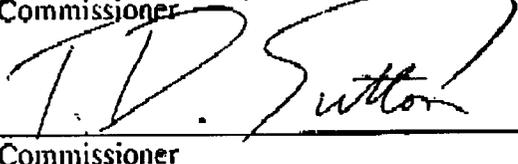
Section 12. This ordinance shall be effective upon its second pasage at a regular meeting of the Board of Commissioners of Alamance County, pursuant to and as required by North Carolina General Statute § 153A-46.

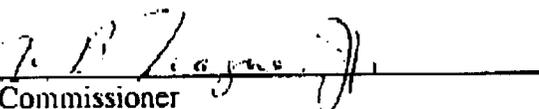
This 10th day of September 1997.


Chairman


Vice Chairman


Commissioner


Commissioner


Commissioner

**ORDINANCE
GRANTING A CONSTRUCTION AND DEMOLITION
DEBRIS LANDFILL FRANCHISE TO COBLE'S SANDROCK, INC.**

WHEREAS, the Board of Commissioners enacted an Alamance County Landfill Franchise Ordinance on December 5, 1994; and

WHEREAS, Coble's Sandrock, Inc., is currently operating a construction and demolition landfill within the jurisdiction of Alamance County which is not subject to the terms of the Alamance County Landfill Franchise Ordinance; and

WHEREAS, Coble's Sandrock, Inc., wishes to enlarge and expand their construction and demolition landfill which will be subject to and must comply with the Alamance County Landfill Franchise Ordinance.

NOW, THEREFORE, THE BOARD OF COMMISSIONERS FOR THE COUNTY OF ALAMANCE DO'II ORDAIN:

Section 1. Pursuant to the Alamance County Landfill Franchise Ordinance and North Carolina General Statutes §§ 130A-294, 153A-46, 153A-121, and 153A-136, Coble's Sandrock, Inc., is hereby granted a franchise to operate a construction and demolition landfill on Foster Store Road in the County of Alamance.

Section 2. The landfill will be operated as Coble's Sandrock, Inc. Kent and Brenda Coble own 100% of the stock in the corporation and approval from the County is required before the transfer of any stock or ownership interest to anyone other than one of the following immediate family members: Deanna Marie Coble, Carey Leigh Coble, and Jennifer Lynn Coble, children of Kent and Brenda Coble.

Section 3. The landfill will utilize up to seven (7) acres of space during the term of the franchise.

Subject: Re: Coble Franchise

Date: Mon, 02 Jul 2001 17:06:15 -0400

From: Tim Jewett <tim.jewett@ncmail.net>

Organization: NC DENR Solid Waste

To: PJ Prete <phil.prete@ncmail.net>

CC: Brent <Brent.rockett@ncmail.net>, Hugh <hugh.jernigan@ncmail.net>

Hi Phil,

Coble Sandrock operates their C&D landfill under a franchise agreement with Alamance County dated September 18, 1997 that allows up to seven (7) acres to be utilized for the landfill footprint. I think their current configuration only uses 5.85 acres due to maintaining a square footprint in the original application and its proximity to the 100 year flood plain. A copy of the franchise agreement can be found in the Raleigh Central Files file room in the approved permit application submitted by Trigon Engineering, Appendix G. I will be in Raleigh tomorrow if you have trouble finding it.

Tim

PJ Prete wrote:

> *Tim:*

> *It is my understanding that their is a 1994 franchise agreement under which Coble Sandrock operates. Is that so? Do you have a copy you can send me (fax)? Is it currently valid?*

>

> *Thanks. -Phil*

> *cc: Brent, Hugh*

--

Tim Jewett

Western Area Engineer

NC Dept. of Environment and Natural Resources

Winston-Salem Regional Office

585 Waughtown Street

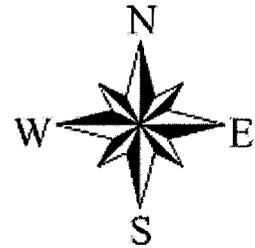
Winston-Salem, NC 27107

Voice: 336-771-4608 ext. 204 FAX: 336-771-4631

Alamance County Vicinity Map



0 0.1 0.3 0.4 Miles



Legend:			
	1993 Aerial Imagery		County Boundaries
	Primary Roads		Detailed Roads
	Hydrography		Municipal Boundaries



Permit No. 01-05

6

North Carolina
Department of Environment and Natural Resources

Michael F. Easley, Governor
William G. Ross Jr., Secretary



WINSTON-SALEM REGIONAL OFFICE
Division of Waste Management
Solid Waste Section

FAX TRANSMITTAL

Winston-Salem Regional Office

Telephone: (336) 771-4600

FAX (336) 771-4631

Date: 6/28/01

No. of Pages (including this page) 5

To: Phil Prete

From: H. Jerniga

FAX No. 919 733 4810

Telephone No. _____

RE: Coble's Sandrock

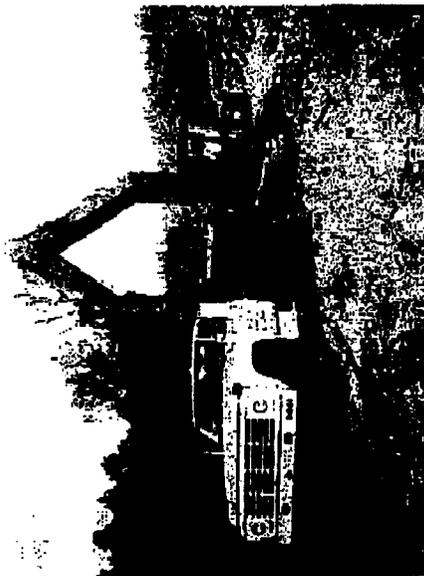
Comments:

For Your Information
Excerpts from Newsletter's send out by Coble Landfill
To customers and haulers

- 1) Waste acceptance - (Asbestos)
- 2) Unsecured Loads
- 3) Random Inspections
- 4) Traffic/ Speed limits



*Directions
to
Coble's Sandrock, Inc.*



**LCID & C&D
Landfills**

(888)665-4757

Coble's Sandrock, Inc.

5833 Foster Store Road
Liberty, NC 27289
(888) 665-4757

FRIABLE Asbestos



Coble's Sandrock, Inc.

Volume 1, Issue 3

Summer 2000

Newsletter: Landfill Ledger

New Prices Effective July 24, 2000

When we opened the C&D portion of Coble's Sandrock, we didn't anticipate the various vehicles that would frequent the landfill. We initially had prices for 20, 30 & 40 yard containers, single axles, tandems, triaxles and trailers. Today, we see every type of vehicle you could imagine. In an effort to provide consistent pricing to those "left-out" folks, we have created this new fee schedule that goes into effect July 24, 2000. Don't worry...we haven't increased our prices. We're just trying to make everyone feel a little more welcome here. We want to include everyone. I have even highlighted the changes since our last fee schedule in red to make it easier for you determine if you will be affected by the change. As always, thank you for your business.

	LCID	C&D
Short Bed Pick-up	\$5	\$10
Standard/Full Size Pick-up	\$10	\$15
Pick-up with Sides	\$10-\$20*	\$20-\$30*
Utility Trailer	\$5-\$25*	\$10-\$50*
Short Single Axle (low sides)	\$20-\$25*	\$25-\$60*
Single Axle (14' or less)	\$25	\$60
Single Axle (15' or over)	\$30	\$80
Tandem Axle	\$30	\$85
Tri-Axle	\$35	\$95
Quad-Axle	\$40	\$100
Quint-Axle	\$45	\$105
Trailer (24' or less)	\$45	\$120
Trailer (25' - 40')	\$50	\$150
Trailer (over 40')	\$75	\$175
20 Yard Container	\$30	\$100
25 Yard Container	\$30	\$110
30 Yard Container	\$35	\$120
35 Yard Container	\$35	\$130
40 Yard Container	\$40	\$140
Roofing (any size truck)	N/A	\$.28/ton

Inside this issue:

Speed Limit	2
Notary Services	2
Regulatory Updates	2
Jenny Gum to Join Team	3
New Electric Gate	3
Policy on Tires	3
New Screener	4

Special points of interest:

* If you don't read anything else in this newsletter, please read arti-

Enforcing Policy on Unsecured Loads

Drivers...Slow Down!!!

Companies, please remind your drivers that the speed limit at Coble's Sandrock is 10 MPH. We have ordered speed limit signs to act as a reminder, but we would appreciate it if you would also remind your drivers. We have reprimanded several drivers for speeding on the premises. Not only do we commonly see drivers acting like they are on a race track here, but complaints are growing about their driving on our local roads. Although we do not have the authority to slow drivers



down on public roads, we certainly do here and will begin barring drivers from the landfill if they repeatedly disregard our speed limit. As far as speeding on public roads, neighbors and passerbys have voiced complaints to the DMV and they will be patrolling the main haul routes more often. Not only will you end up with a hefty speeding fine, you could also end up with a full-scale truck inspection, costing you more time than if you were driving the speed limit to start with. Aside from the cost, most im-

portantly, our family, friends and neighbors travels these roads frequently. Is an extra five minutes cut in haul time really worth taking the lives of a family of four heading out on a weekend vacation or a mother taking her small child to school? Think about that next time you push the pedal to get there five minutes faster. Life is precious, don't take it from someone else just so you can get to where you're going faster...or you may end up not getting there at all.

For everyone's sake...slow down.

Notarial Services Now Available

Notary services are now available to our customers free of charge. Just bring your document/title during business hours and Carey will notarize it for you. However, you must personally appear in order for your document/title to be notarized. No mailed, delivered or faxed documents will be notarized. Telephone calls do not count as a personal appearance either.

As a service to our customers, Carey will offer notarial services free of charge.

If you have already signed your document, Carey will still be able to notarize it as long as you verify your signature and state it was signed voluntarily.

All car titles must be complete. "Open titles" will not be notarized.

We hope you find this service useful and convenient.

Regulatory Updates

Coble's Sandrock was visited by Bob Albright with the NC Department of Agriculture: Standards Division on April 19, 2000 for a routine inspection of our scales. The scales were found to be fully in compliance with standards.

Also, on March 9, 2000, we were visited by T. Gray Hauser with NCDENR: Division of Land Re-

sources. As a result of that visit, we have installed a sediment control device near the LCID landfill to prevent erosion. No other corrective actions were needed.

Since October 1998, Coble's Sandrock has performed 82 random inspections of loads. Of



Inspector Kent is on the lookout for tires. If you see any in your truck...you better not leave them here.

those 82, 13 (or 16%) contained materials deemed unacceptable. The most common was tires. We have also turned away, warned or removed items from 46 other loads. Again, mostly tires. Of those 46, 7 (or 16%) were due to unsecured loads. Please check your loads carefully before coming!

by many agencies. To learn more, contact our office.

Resources (DEHNR) recently and was found to be in compliance with all regulations regarding the operation of the landfill. Coble's Sandrock is pleased to announce that we have never been in violation of any DEHNR codes or regulations! We take pride in our effort to keep our landfills clean and free from any unacceptable waste. Since we opened the C&D landfill last year, we have turned away 16 complete or par-

and were found to be in compliance during the November 24, 1998 follow-up.

If you have any questions regarding any of our inspections, please give us a call. We would be happy to share any information we have with you!

Random Waste Screening...

All trucks are visually inspected upon check-in. Drivers must sign the invoice declaring all materials are acceptable for discharge into the C&D landfill. At least one (1) load will be thoroughly screened for unacceptable materials each week.

Randomly, the driver will be instructed to unload the truck at a designated area for inspection and wait until the inspection is complete. If all materials are acceptable, the load will be accepted. Should any materials be determined unacceptable according to Coble's Sandrock, local, state or federal policies, the load may be denied and some or all of the contents reloaded

on the truck for proper disposal.

Should any hazardous materials be discovered, the appropriate officials will be notified by Coble's Sandrock and the materials will be held for collection by a licensed collector of hazardous waste. A disposal fee may be charged to the generator or transporter.

A clean-up fee may be charged for any unacceptable load discharged into the landfill. An abbreviated list of unacceptable materials is available upon request.

Random waste screening protects all of us. Please be prepared to spend an extra 15 minutes if your load is inspected



Nobody except employees allowed on dump!!!
NO SMOKING IN LANDFILL AREAS!
Stay alert at all times!

A Friendly Reminder...

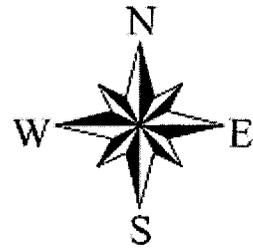
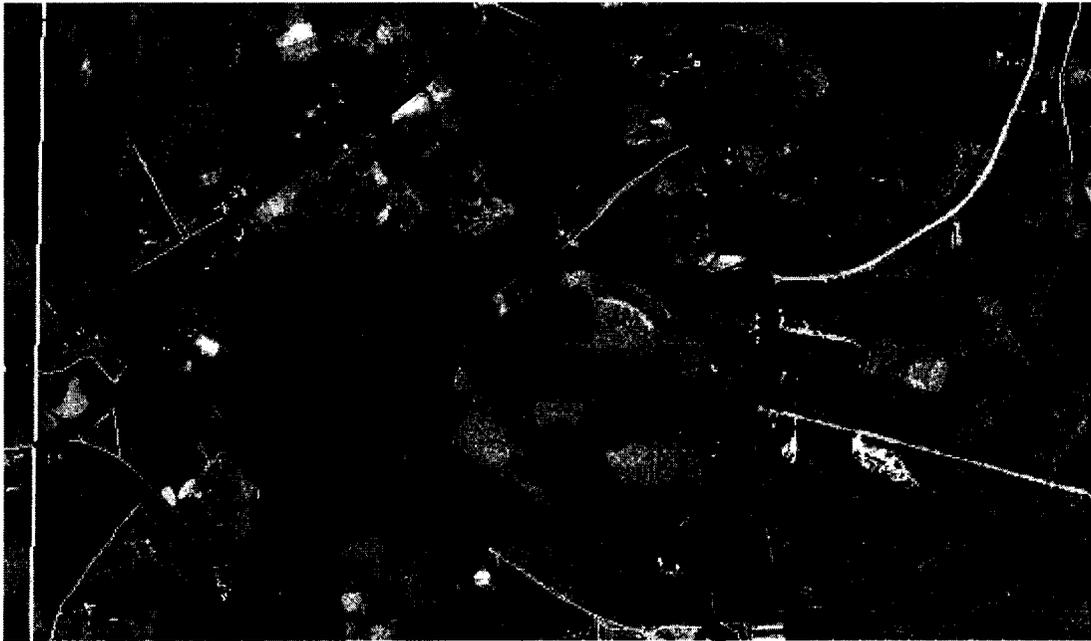
Safety is our number one goal and you're a big part of our safety program. Just remember... obey all safety signs at the landfill and dress appropriately for your job. Puncture-resistant shoes are a must at construction and demolition sites as well as landfill areas. Heavy equipment is constantly moving debris around the landfill. Be alert and never, ever attempt to walk on the dump. All drivers are to dump their loads on the unloading pad and promptly exit the landfill

dumping area. No one except employees are allowed on the dump. **NO EXCEPTIONS!**

Coble's Sandrock is not responsible for accidents and reserves the right to deny landfill access to anyone acting in an unsafe manner or disobeying safety signs.

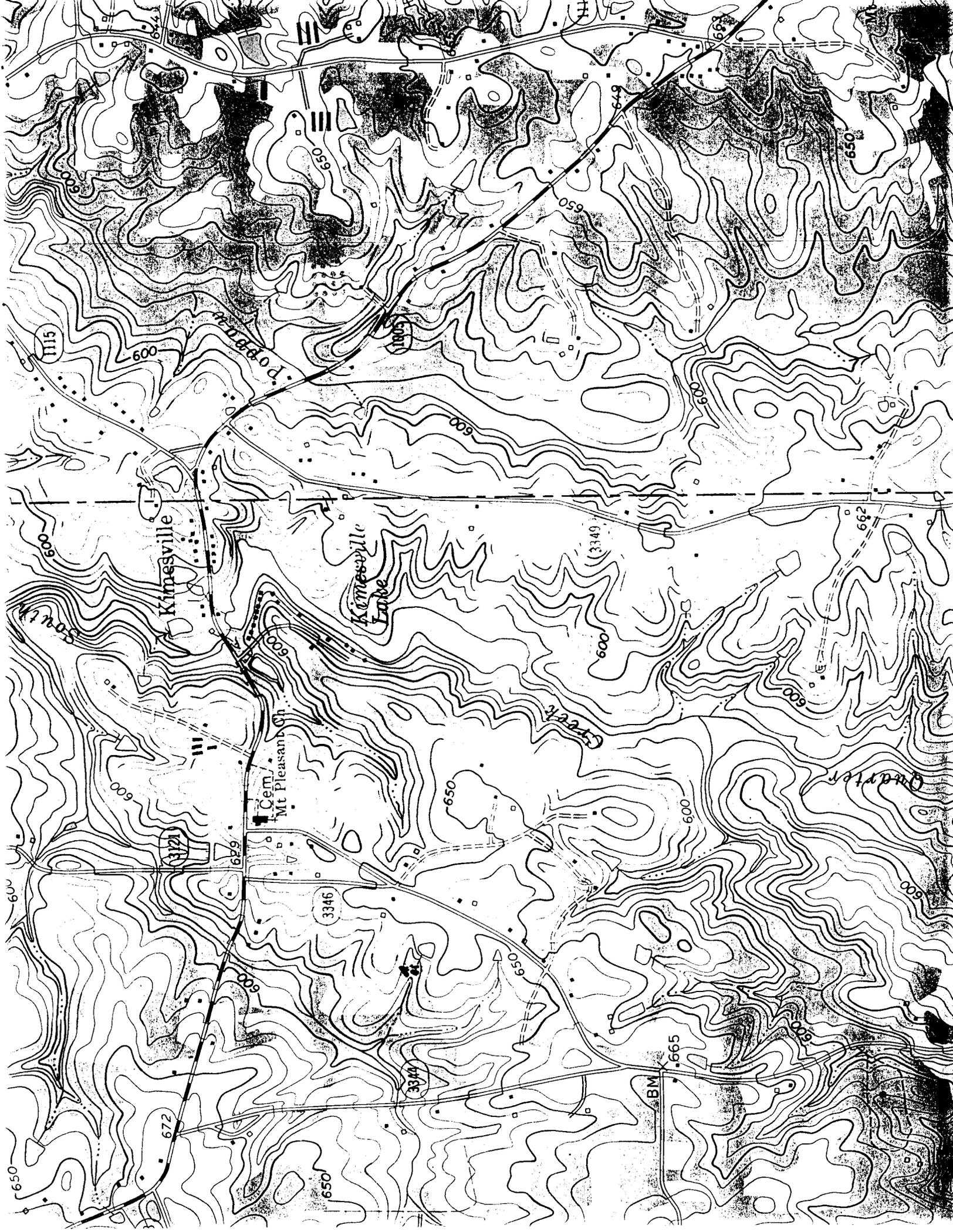
Please be sure your safety features are working properly before coming to the landfill (i.e., back-up buzzers, horn, lights, etc.).

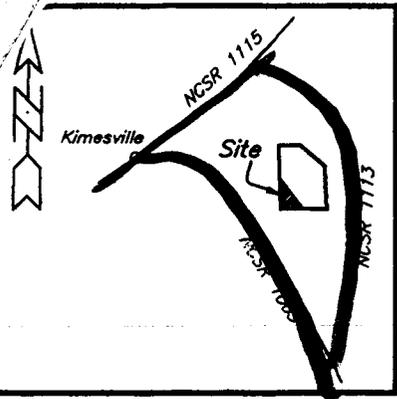
Alamance County Vicinity Map



Legend:			
	1993 Aerial Imagery		County Boundaries
	Primary Roads		Detailed Roads
	Hydrography		Municipal Boundaries

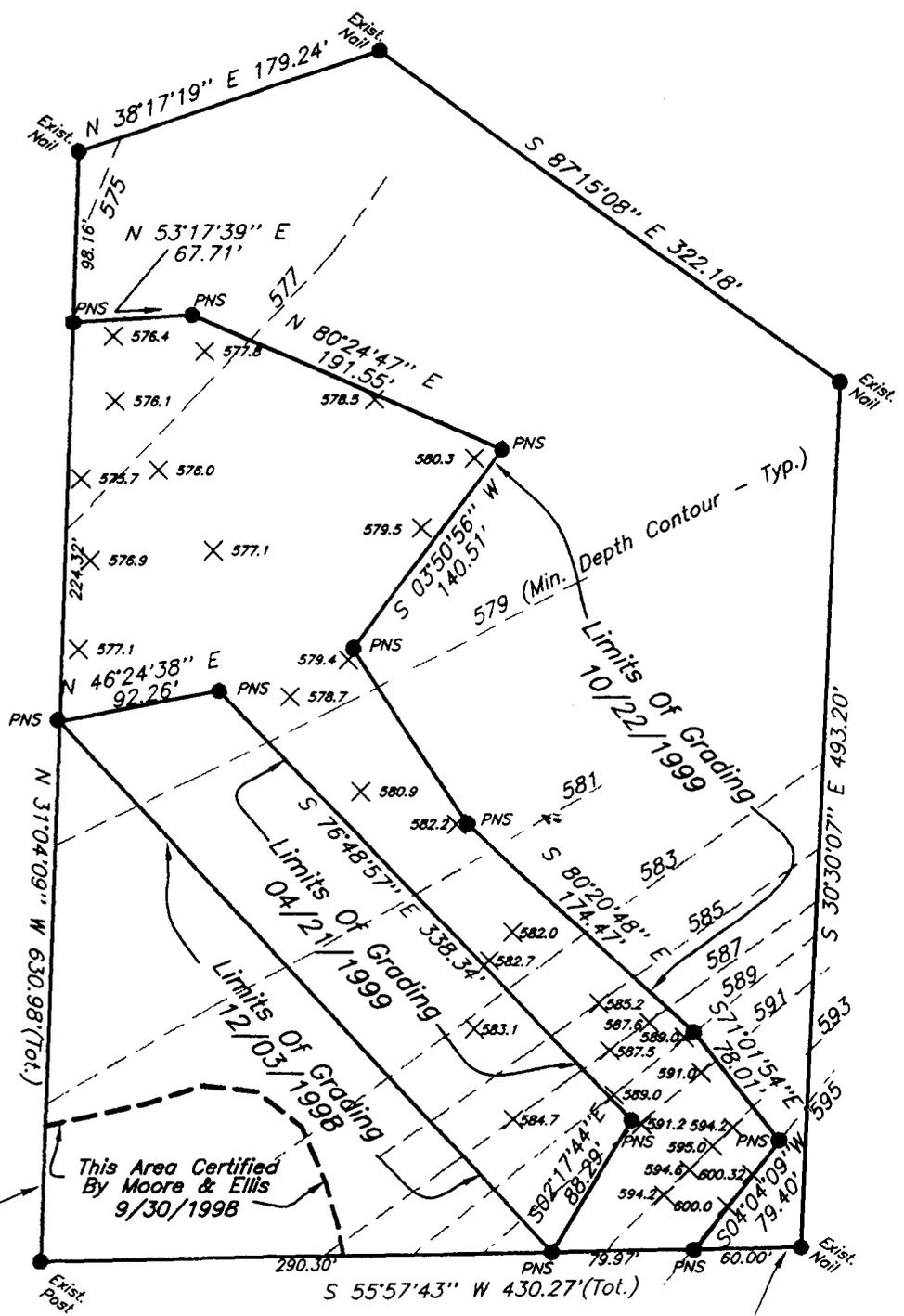
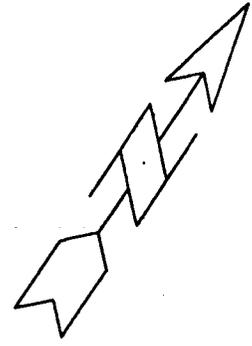






Vicinity Map
Not To Scale

Note: This Is To Certify That
The Spot Elevations Shown
Are Correct As Of The Date
Of Survey.
Minimum Elevation Contours Were
Digitized And Are Approximate.



Cell Boundary

X Spot Elevations

LEGEND

- EIP - Existing Iron Pipe/Pin
- NIP - New Iron Pipe/Pin Set
- PNS - Point Not Set

Cell Boundary

This Area Certified
By Moore & Ellis
9/30/1998



WINSTON-SALEM REGIONAL OFFICE
DIVISION OF LAND RESOURCES
LAND QUALITY SECTION

Michael F. Easley, Governor
William G. Ross Jr., Secretary

FAX TRANSMITTAL SHEET
FAX # 336-771-4631

DATE: 6/27/01

PAGES (Including cover page): 2

TO: Phil Prete

FAX#: 919 7 33 ~~66~~ 4810

FROM: H. Jernigan

COMMENTS: → Investigation by Land Quality ←
(I had told you that I had talked to Land Quality
and asked that they take a look at the site in that
the complaint from Mr. L.R. Curl ~~had~~ involved a dam of pond,
not the landfill (see item #2))

IF YOU DID NOT RECEIVE THE NUMBER OF PAGES INDICATED, PLEASE CALL:
Hugh AT 336-771-4608, Ext. 206

SEDIMENTATION INSPECTION REPORT

NORTH CAROLINA DEPARTMENT OF ENVIRONMENT AND NATURAL RESOURCES
LAND QUALITY SECTION: 585 Waughtown Street, Winston-Salem, NC 27107 (336) 771-4600

County: DANVILLE Project: COBLE SAND ROCK+LCID River Basin: CAPE FEAR
Person Financially Responsible: COBLE SAND ROCK, INC. Project #: N/A
Address: 5833 FOSTER STORE ROAD LIBERTY, NC 27298

1. Project Location: FOSTER STORE RD. Pictures: No Yes Prints Slides Digital Video

2. Weather and Soil Conditions: POS. CLOUDY, SOIL DRY

3. Is site currently under notice of violation? Yes No

4. Is the site in compliance with the S.P.C.A. and the rules? Yes No If no, check violations below:

5. Violations:
- a. No approved plan, G.S. 113A-57(4) and 15A NCAC 4B.0007(c)
 - b. Failure to follow approved plan, G.S. 113A-61.1
 - c. Failure to submit revised plan, G.S. 113A-54.1(b) and 15A NCAC 4B.0018(a)
 - d. Failure to provide adequate groundcover, G.S. 113A-57(3) and 15A NCAC 4B.0007(b) or 15A NCAC 4B.0024(e)
 - e. Insufficient measures to retain sediment on site, G.S. 113A-57(3)
 - f. Failure to take all reasonable measures, 15A NCAC 4B.0005
 - g. Inadequate buffer zone, G.S. 113A-57(1)
 - h. Graded slopes and fills too steep, G.S. 113A-57(2) or 15A NCAC 4B.0024 (d)
 - i. Unprotected exposed slopes, G.S. 113A-57(2)
 - j. Failure to maintain erosion control measures, 15A NCAC 4B.0013
 - k. Other(describe) _____

6. NPDES Permit Violation? Yes No Describe: N/A

7. Has sedimentation damage occurred since last inspection? Yes If yes, where? (check all that apply): No
Lake/natural watercourse on the tract Lake/natural watercourse off the tract Other property

Description: Degree of damage: Slight Moderate Severe

8. Contact made with (Name) KENT COBLE Title OWNER
Inspection Report given or sent to Person Financially Responsible Date given/sent 6/27/01

9. Corrective actions needed: _____

10. Comments: ① SEDIMENT TRAPS #1 AND #2 HAVE BEEN MAINTAINED. NEED TO PLACE STONE AROUND ENTIRE RISER. ② ROCK CHECK DAM HAS BEEN INSTALLED BELOW DAM, DOWNSTREAM SLOPE OF DAM HAS BEEN SEEDER AS WELL. ③ ALSO, NEED TO INSTALL ADDITIONAL SILT FENCE BELOW STOCKPILE AS DISCUSSED ON SITE.

Report by: Matthew Datt Others present _____

Date of Inspection: 6/27/01 Time arriving at site: 10:15 Time leaving site: 11:00

cc: _____

Subject: [Fwd: Barnes complaint]

Date: Fri, 15 Jun 2001 09:58:04 -0400

From: PJ Prete <phil.prete@ncmail.net>

To: james.c.coffey@ncmail.net

CC: DEXTER MATTHEWS <DEXTER.MATTHEWS@ncmail.net>

I forward this fyi. We continue to receive regular complaints on this facility. -Phil

----- Original Message -----

Subject: Barnes complaint

Date: Fri, 15 Jun 2001 09:39:49 -0400

From: Hugh Jernigan <Hugh.Jernigan@ncmail.net>

Organization: NC DENR Solid Waste

To: PHIL PRETE <PHIL.PRETE@ncmail.net>

CC: Brent Rockett <Brent.Rockett@ncmail.net>

Finally got in touch with the Barnes' ((336)565-4945) late yesterday. Talked to them both for about a hour and a half last night. They live at 4422 Smith Road, I think about a mile from the Coble Landfill. The complaint was on waste being received from out of county, potential groundwater problems and monitoring, potential of unacceptable (hazardous waste) being taken by the landfill, traffic, road conditions, concerns on lack of state monitoring, ineffective waste screening by the landfill, mobile homes being taken to the landfill, franchising and lack of state involvement in the franchising process (later the Barnes' had concerns on the state helping the landfill in the franchising process??), sedimentation, concerns that Coble Landfill was trying to get a new permit before new C&D rules come into effect therefore allowing the landfill to operate with less regulations, lack of EPA involvement, and several other similar issues.

We had what I feel was a very constructive conversation, and I tried to address each of their concerns. I hope it was a very educational process for all of us.

None of the complaint issues requires immediate attention, there was nothing specific as to a potential violation by Coble Landfill.

Also spoke with Mr L.R. Curl who lives on Greensboro-Chapel Hill Road. He complained about sediment and contamination of his hand-dug well. I have had conversations with Land Quality and Water Quality. Mike Mickey of Water Quality and Shannon Leonard of Land Quality have visited the site.

I wish I could help the people calling more, they all seem very skeptical on how we permit and inspect the facility, and they feel that we don't address the issues and are on the side of haulers and landfill operators. This is unfortunate because this particular landfill has an excellent compliance record and is one of the best operated and managed landfills I have inspected.

--

Hugh Jernigan
Waste Management Specialist
NCDENR-Solid Waste Section
Winston-Salem Regional Office
(336)771-4608 ext.208

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--

Hugh Jernigan
Waste Management Specialist
NCDENR-Solid Waste Section
Winston-Salem Regional Office
(336)771-4608 ext.208

Subject: Mr. Coble's landfill

Date: Tue, 12 Jun 2001 09:42:47 -0400

From: pjprete <phil.prete@ncmail.net>

To: Hugh <hugh.jernigan@ncmail.net>

CC: Brent <brent.rockett@ncmail.net>

If you receive two messages on this, please disregard. I tried to send one and it seemed to etherize, so I am re-sending.

Mr. Meyer received a complaint RE Coble's facility from a Ms. Dana Barnes (336-565-4945). She expressed concerns RE service area, materials to be accepted, compliance monitoring and environmental monitoring. She requested that someone shed some light on these issues for her. Bill asked that she be given a call and respond as appropriate. Thanks for your continued attentiveness on this one.

-Phil

PJPrete <phil.prete@ncmail.net>

Suggested Requirements

- 1. Retain as a class IV landfill-** Construction and demolition materials defined in initial permit.
- 2. Pay Host fee of \$2.00 to county.** To be used for future road repairs or cleanup as deemed appropriate by the commissioners.
- 3. Carry a \$500,000.00 pollution liability insurance policy throughout the life of the landfill, and for 20 years after the landfill closed.**
- 4. Restrict to Alamance County construction companies and property owners.**
- 5. Require a security deposit of at least \$150,000.00 for potential environmental problems.**
- 6. Restrict the size and weight of trucks allowed to bring debris to the landfill.**
- 7. Inspect all incoming loads for compliance.**
- 8. Require periodic inspections by government and county officials to see that contract is being adhered to.**
- 9. Comply with counties recycling ordinance and separate all "targeted recyclables"**
- 10. Adhere to county and state regulations regarding the building and operation of a Class IV landfill site.**

6/11/01

Subject: Re: Nancy Perry Complaint

Date: Thu, 24 May 2001 11:41:44 -0400

From: PJ Prete <phil.prete@ncmail.net>

To: Hugh Jernigan <Hugh.Jernigan@ncmail.net>

CC: DEXTER MATTHEWS <DEXTER.MATTHEWS@ncmail.net>

Thanks for trying so hard Hugh. Look forward to seeing the report. -Phil
cc: Dexter

Hugh Jernigan wrote:

> Phil, I have tried to call Nancy Perry numerous times. She has a
> security block on her telephone that does not answer to unidentified
> callers. Maybe if whoever she called initially can get in contact with
> her, she may have the phone number she called initially unblocked.
> Don't see any use in me trying to contact her.
>
> Talked to Dexter yesterday, and am sending you and Dexter a little
> write-up on the Commissioners meeting on the Coble C&D Landfill
> franchise discussions.
>
> --
> Hugh Jernigan
> Waste Management Specialist
> NCDENR-Solid Waste Section
> Winston-Salem Regional Office
> (336) 771-4608 ext.208

Philip Prete <phil.prete@ncmail.net <http://wastenot.ehnr.state.nc.us/swhome/FLDOPf.htm>>

##EXCERPTS##
FROM THE MINUTES OF THE REGULAR MEETING
OF THE BOARD OF COMMISSIONERS FOR ALAMANCE COUNTY
HELD ON MONDAY, MAY 21, 2001

Ramona O'Bryant, attorney for Coble's Sandrock, Inc., in connection with the construction and demolition landfill, stated Coble's is seeking renewal of its operation for a construction and demolition landfill. She stated the five-year franchise will expire in September, 2002. She presented more than one hundred letters of support from neighbors, churches in the area, customers, business owners, and others. Butch Joyce, President of Joyce Engineering, presented booklets with information on Coble's Sandrock, Inc. He stated that Coble's publishes a newsletter to keep neighbors informed about neighborhood issues and there has been no adverse impact on property values, no contamination of wells on the site, and no violations of state regulations. He highlighted the differences in the County's and Coble's proposed franchise ordinances. The County has proposed that Coble's maintain \$500,000 insurance for 20 years after the landfill is closed; Coble's proposed to maintain \$500,000 insurance or approved alternate financial mechanism for a minimum of 5 years after closure, or as long as required by the Department of Environment and Natural Resources, whichever is greater. The County has proposed limiting the service area to 25 miles; Coble's proposed limiting the service area to a 75-mile radius. The County has proposed the construction of a liner using clay soil, even if the soil has to be brought from off-site; Coble's agrees to the construction of a liner using on-site soils. Coble's has asked that the franchise contain language that would be consistent with DENR rules regarding waste stream acceptance as opposed to the County's more restrictive language. Coble's has agreed to separate all target recyclables, to the extent they are recyclable, from the waste stream at the landfill as opposed to the County's proposal to separate all target recyclables. The County has proposed a \$2.00 per ton host fee on all waste accepted at the landfill with the County retaining the right to inspect the scales without notice and, if the scales are out of order, to charge a ten percent surcharge as a penalty; Coble's has proposed to pay a \$50,000 annual host fee to the County. Several members of the audience spoke in support of Coble's Sandrock, Inc., stating that Coble's is a good neighbor, operates by state rules, and is more affordable for customers. They also spoke in opposition to the 25-mile service area radius and the host fee. Several other members of the audience spoke against Coble's Sandrock, citing concerns about the possibility of well poisoning from hazardous items that might be disposed of at the landfill, biohazards, heavy truck traffic and damage to roads, runoff from the landfill, and the acceptance of waste from outside the county. Commissioner Sharpe recused himself from voting on the matter because of a conflict of interest. Chairman Patterson moved to have staff negotiate in good faith with the representatives from Coble's Sandrock, Inc., and try to come up with a franchise agreement that takes into consideration the concerns heard tonight, and at the same time accomplishes uninterrupted service at the landfill. The motion was seconded by Commissioner Lashley, and it was approved 4 to 0.

Strouds' Street Cleaning and Lawn Maintenance604 TwinCircle Court
Apex, N.C. 27502

Phone (919) 422-7282
Home Phone (919) 387-1966

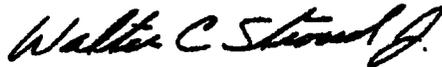
May 21, 2001

Dear Commissioners,

I have had a relationship with Coble's Sandrock, both professional and personal, I have gained a lot from both. I have used their C/D Landfill for the past 2 years, and find their operation as good if not better than any other Landfill I have visited in my 2 years in Business. It is visible that they strictly enforce the rules of **NO Household garbage** by the absents of Seagulls, that are found feeding at so many **Solid Waste Landfills**.

Sincerely,

Walter C Stroud Jr.



May 18, 2001

County Management.

Last December, when Rock Creek U.M. Church, re-roofed their parsonage, Coble's Landfill and Sandrock Pit took our old shingles, at no cost to the Church. I know at least two other churches that remodeled, and they did the same for them.

I have traveled the road by the landfill and have not seen any speeding, or excessive amount of trucks on the road. I have noticed that there is no trash along the road, that has fell off the trucks.

Mr. Coble used his own money and paved the entrance to the landfill, and I have not seen any mud on the highway.

The people in southern Alamance Co. that I have talked to, would like to see the landfill continued to be operated under the same rules that it has been operating under. These rules were set up and approved by the state of N.C., and approved by Alamance Co. When this became a landfill, Alamance Co. changed the property base from farm to business property. This has increased the tax on it considerably. With the new re-evaluation his property tax was increased even more. All of this tax money goes to Alamance Co.

We see an injustice to Mr. Coble, if he has to pay by the ton, to operate his own landfill.

Sincerely yours
Edno. R. R. R.

1 North Carolina

2

3 Alamance County

4 I, Luis and Marie Cairn under my own will and testament, make the
5 following allegations:

- 6 1. We both wanted The Cook Landfill
- 7 to remain open. It is close by our house
- 8 2. and if very useful to us. It really
- 9 saves having to go the distance to the
- 10 other up. The only thing is that we would
- 11 like the road (Spanner Oak Hill) to better
- 12 maintain and kept up better.

13 Marie and Luis Cairn
14 Signature

15 I, Bartore D. Morris, a notary public of Alamance
16 County, North Carolina, certify that Marie Cairn
17 personally appeared before me before me this day, and being duly sworn,
18 stated that in his presence Luis Cairn ^{Marie} (signed) (acknowledged
19 the execution of) the foregoing instrument.

20 Witness my hand and official seal, this the 18 day of
21 May, 2001.

22 (Official Seal)

23 Bartore D. Morris

24 Notary Public

25 My commission expires June 24, 2001.

1 North Carolina

2

3 Alamance County

4 I, Wayne Steed, under my own will and testament, make the
5 following allegations:

- 6 1. 6565 Jim Pickett Rd
- 7 Snow Camp N.C. 27349
- 8 2. C & D Landfill is very convenient
- 9 for my roofing business. C & W Roofing
- 10 company, of Snow Camp. A lot of small
- 11 businesses in construction depend on
- 12 this landfill THANK YOU
- 13 Wayne Steed

Signature

14

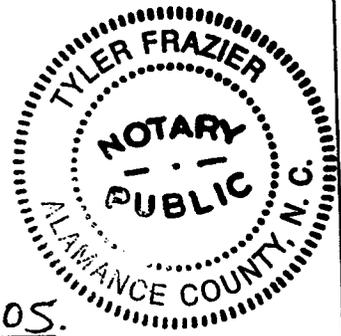
15 I, Tyler Frazier, a notary public of Alamance
 16 County, North Carolina, certify that Tommy Coble
 17 personally appeared before me before me this day, and being duly sworn,
 18 stated that in his presence Wayne Steed (signed) (acknowledged
 19 the execution of) the foregoing instrument.

20 Witness my hand and official seal, this the 20 day of
 21 May, 2001.

22 (Official Seal)
 23 Tyler Frazier

24 Notary Public

25 My commission expires June 7, 2005.



This petition is from concerned citizens. We used to have a quiet community. Now we have a parade of trucks that cause potholes on our roads as well as litter on the sides of our roads. We get more noise from trucks and machinery. We don't know what maybe going in the Dump and our Streams and Creeks. We hear rumors that he is planning to expand the Landfill and We the Citizens of the Kimesville area Don't want that!!

**We don't want to close Coble Sandrock down
we just don't want the C & D Landfill to Be
Expanded.**

Thank you the Citizens of the Community

1 North Carolina

2
3 ALAMANCE County

4 I, Bobby E. Shaffner under my own will and testament, make the
5 following allegations:

- 6 1. I live ABOUT 1/2 mile from Coble SANDROCK
- 7 on Spanish Oak Hill Rd. & HAVE for 25+ yrs
- 8 2. I HAVE NO problem with Coble
- 9 SANDROCK, the trucks go to fast but that's
- 10 NOT Cobles fault. They keep the roads
- 11 CLEANED up.

12
13 Bobby E. Shaffner

14 Signature

15 I, Tyler Frazier, a notary public of Alamance
16 County, North Carolina, certify that Bobby E. Shaffner

17 personally appeared before me before me this day, and being duly sworn,
18 stated that in his presence Bobby E. Shaffner (signed) (acknowledged
19 the execution of) the foregoing instrument.

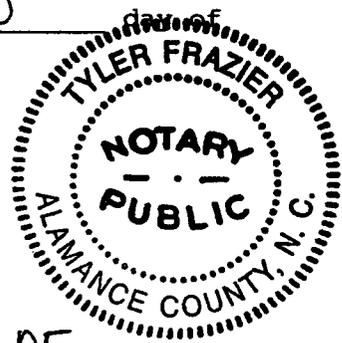
20 Witness my hand and official seal, this the 20
21 May, 2001.

22 (Official Seal)

23 Tyler Frazier

24 Notary Public

25 My commission expires June 7, 2005.



LETTERS TO THE EDITOR

County doesn't need extra trash

At a recent Alamance County Commissioners meeting, our small community of Kimesville was thrown into the spotlight as local farmers and ordinary working folks were pitted against corporate attorneys who were representing Coble's Sandrock Inc. and C and D Landfill, which is owned and operated by Kent Coble and family.

If you are a resident of Alamance County, you should be aware that this local, privately owned landfill is a potentially dangerous environmental threat that affects not only our little corner of the county, but all of Alamance County. If it can happen here, what about your community?

If you are concerned about that possibility, call or write your county commissioners immediately. Let them know you want them to protect the ordinary people in our county. Ask for enactment of statutes that would require residents to be notified if something possibly detrimental to them might be built or installed in

their area. Let your congressmen know that you expect the highest level of safety and monitoring of these sites.

We are reasonable people. We know that dealing with trash is a fact of life; we just want to be sure that it is dealt with in a manner that does as little damage to our environment as possible and that, as in any business, it is managed by someone trustworthy and knowledgeable. As private citizens, we do not have the option of checking out this type of business. We have to depend on local and state authorities. Remind them that we expect them to remember our safety and our property rights.

As it stands now, debris is coming in on our county's roads and over our bridges from Raleigh, Apex and numerous other areas. Do we really need other counties' trash? Who does this benefit? I think we know the answer to that one.

DELORES H. AREY
Liberty

Livestock bring smells and sounds

I am writing in response to the article on the "Hog Slaughter House" by Ella King. I read this article and could not believe what I was reading. It is hard for me to understand how a person could live with only two of their five senses. I'm 51 years old and have lived on and around farms all my life.

I don't want to be misunderstood, because I know these businesses are very important. But it is impossible to have cows and pigs, even for a short time, and not have loud noises, smells, flies and mosquitoes. I live on Basin Creek Road, and about 15 years ago a livestock business moved onto a tract of land behind my house. It has cows and pigs. The smell and noise are awful. The trucks come in all hours of the night. The ramps on the trucks are aluminum and the cows' and hogs' hooves sound like hammers beating on them as they are being unloaded, waking you

ing. The smells is worse in early spring and in the fall. The flies cause black spots on your houses and cars, etc. Plus the mosquitoes are awful.

For years we had guests over for picnics, but for the last 10 years or so the flies and mosquitoes and smell have caused us to stop. So for me, I think people who live away from the area don't care. But the people who say OK need to live in this environment.

I think as an individual, if a business is at another's expense, the answer is no. I live now with property for which no one would pay its true value.

In conclusion, I know for a fact this business is costing me not only in cash but in other areas such as quality of life, and that business will cost everyone in the area in more than just dollars and cents. But the one sense I find most lacking is common sense.

DOUG TRUITT

COMMISSIONERS ON
THE FENCE

Bill LASHLEY
585-1321

Jim SUTTON
222-9200
570-0030

PLEASE CALL AND

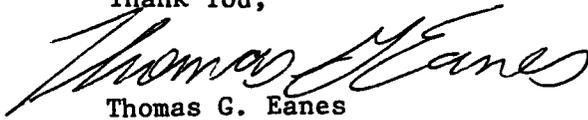
VOICE YOUR OPPOSITION.

May 17, 2001

To Whom It May Concern:

As a customer of Coble Sandrock, we oppose any excessive and burdensome fees in order to dispose of our waste. We do not agree with any extra tax on higher tipping fees which will make it more expensive for us to do business and force us to charge our customers more.

Thank You,


Thomas G. Eanes



1 North Carolina

2

3 Alamance County

4 I, Michael Fogleman, under my own will and testament, make the
5 following allegations:

6 1. I own Fogleman's Upholstery in the
7 Village of Alamance

8 2. I have no problems with Cable
9 Sandrock and use their services A11
10 the Time

11 _____
12 _____

13 Michael Fogleman

Signature

14 I, Tyler Frazier, a notary public of Alamance
15 County, North Carolina, certify that Carey Coble

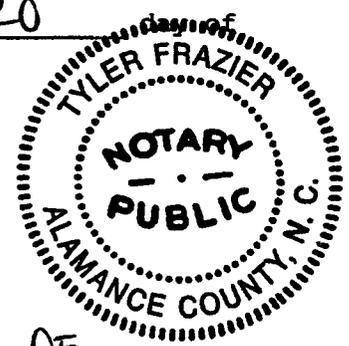
17 personally appeared before me before me this day, and being duly sworn,
18 stated that in his presence Michael Fogleman (signed) (acknowledged
19 the execution of) the foregoing instrument.

20 Witness my hand and official seal, this the 20
21 May, 2001.

22 (Official Seal)
23 Tyler Frazier

24 Notary Public

25 My commission expires June 7, 2005.



17

Friendship United Methodist Church

4612 Friendship-Patterson Mill Road
BURLINGTON, NORTH CAROLINA 27215

ALVIN M. HORNE, Pastor

Telephone (336) 227-0381

May 15, 2001

Alamance County Commissioners

Dear Friends,

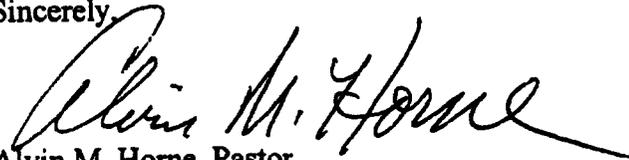
As pastor of Friendship United Methodist Church and as a resident of southern Alamance County, I encourage you to look favorably on the request of Mr. Kent Coble of Foster Store Road, for renewal of his permit to operate a landfill in southern Alamance County. The landfill is a convenience and a service to this part of the county.

In addition to meeting a great need, Mr. Coble provides community service for churches and other non-profit organizations. He has allowed our church to dump debris in the landfill and would not charge us for the service. This has been a significant help to us in the past year especially since we replaced our roof and tore down our oldest building to make room for a new fellowship hall. I am aware of the fact that Mr. Coble has shown the same generosity to other churches. I am also aware of his community service work in donations to the youth athletic facilities at E.M. Holt school.

If Mr. Coble is not able to continue to operate the landfill, all of us will be affected adversely. We will lose the convenience of the location. The community will lose the generous contribution of this service for churches and other non-profits.

We, here at Friendship United Methodist Church, strongly urge you to approve the request of Mr. Coble. Thank you for taking time to hear us.

Sincerely,


Alvin M. Horne, Pastor





P.O. Box 535 • Snow Camp, NC 27349

336•376•6948 1•800•726•5115

May 15, 2001

Alamance County Commissioners
Graham, North Carolina 27253

Dear Commissioners:

I am writing in support of Coble's Sandrock Inc.

As manager of Snow Camp Outdoor Theatre, it is essential that we have support from individuals and companies, and something as simple as disposing of unwanted or unusable materials is important to the outdoor theatre. The land field provided by Alamance County is ideal for all of the general garbage or trash that is generated by this outdoor theatre.

The drama is unique in many ways and one of those is the fact that we generate, acquire, and end up with some unique disposable materials. Mr. Coble has been generous enough to allow us, without charge, an opportunity to dispose of everything from old upright pianos to unusable materials from log buildings. Coble Sandrock, in my opinion, is a valuable asset and responsible community company and I encourage the County Commissioners to consider the service provided by Mr. Coble and his company and its importance to this county.

Respectively yours,

James Wilson, Manager

JW:ltw



Snow Camp Historical Drama Society, Inc.

a non-profit tax-exempt organization



Subject: Re: C&D facility in Alamance

Date: Mon, 14 May 2001 13:04:30 -0400

From: Hugh Jernigan <Hugh.Jernigan@ncmail.net>

Organization: NC DENR Solid Waste

To: Edward Mussler <Ed.Mussler@ncmail.net>

CC: JAMES.C.COFFEY@ncmail.net, Brent Rockett <Brent.Rockett@ncmail.net>, PHIL PRETE <PHIL.PRETE@ncmail.net>

Ed: The facility Elsa Cole called about is Coble Sandrock in Alamance County. The permit for the C&D landfill was issued in 1998 and I had not received any phone calls (complaints) until recently. Coble Sandrock is going before county commissioners for an expansion (next cell) and renewal of the franchise agreement, and that has stirred up some activity. I have been to the site three times in about the last month, once in response to Elsa Cole's call (I think she was not correct in me refusing to go there) and I have had long telephone conversations with her. Several people have called in reference to the franchise agreement, wanting us to stop it, but that matter is between Coble and the County. I have not had any compliance issues with the facility. People in the area are calling around a lot right now, so just tell them to call me on compliance/operational issues for the site.

Thanks, Hugh

Edward Mussler wrote:

> *Gentlemen,*
> *I am passing on this message because I received the phone call on Friday*
> *and don't know how to respond. I am going to provide the information I*
> *was given.*
> *I received a call from a lady who lives near a facility in Alamance*
> *County, as near as I can figure, it is the A1 Sandrock on Foster Store*
> *Road. I am not sure what is going on, but Tim says he may be trying to*
> *expand, and the neighbors are starting calls.*
> *Besides the usual complaints of truck traffic, small roads, road wear,*
> *blowing litter etc, the lady alleges the man is taking things that he*
> *shouldn't. Also that there has been severe erosion and blowing paper*
> *leaving the property and ending up in an elderly neighbors pond. There*
> *is also the usual questions about groundwater and wells etc.*
> *The lady says she has spoken to Hugh and he has told her that the*
> *faciltiy has no violations, but he also won't go down there (remeber I*
> *am just reporting what she told me)*
> *The lady's name is Ellsa Cole. She is head of Microbiology at Alamance*
> *County Medical facility. Her phone number at work is 336-538-7804 and*
> *her home number is 336-565-4901.*
>
> *Ed*

--
Hugh Jernigan
Waste Management Specialist
NCDENR-Solid Waste Section
Winston-Salem Regional Office
(336) 771-4608 ext.208

Compliance ✓

LANDFILL INSPECTION REPORT



Facility Information:

Coble's Sandrock, Inc.
5833 Foster Store Road
Liberty, NC 27298
Alamance County
Permit No. 01-05

Facility Description and Permit Explanation:

The facility is a Construction and Demolition Landfill with an associated notified Land Clearing and Inert Debris Landfill. Renewal of the site permit is required before September 25, 2003.

Inspection Participants:

Hugh Jernigan - NC Solid Waste
Kent Coble - Coble's Sandrock, Inc.
Brenda Coble - Coble's Sandrock, Inc.
Carrey Coble - Coble's Sandrock, Inc.

Date of Inspection:

May 8, 2001

Violations Noted:

None

Comment/Suggestions:

- A. As per survey conducted on January 24, 2001, the entire 5.85-acre permitted footprint is available for disposal activities.
- B. Final permitted elevations are being approached in the south and southeast side of the landfill. It is estimated that 30%-40% of the permitted volume remain for disposal.
- C. The facility is currently receiving an estimated 100-200 tons/day.
- D. Workingface was controlled and well compacted.
- E. Intermediate soil cover has been applied in the past week. Provisions for vegetative cover should be in place within 30 working days or 120 calendar days on intermediate soil cover areas as per permit requirements.
- F. No windblown materials observed: Landfill roads were of all weather construction and all required signage is in place. Dust controls may be necessary in summer months.
- G. Noted roll-off containers on site for cardboard and metals collection. Also noted dumpster on site for incidental household trash.

Landfill Inspection Report

Page 2

May 9, 2001

H. Reviewed operational records.

I. Review of operational records of special note:

1) Groundwater/surfacewater monitoring in last semiannual sampling event occurred April 2001, and the report has not been completed and submitted at this time. Reviewed data for November 2000 sampling event.

2) Waste Screening/Random Inspections:

Random inspections are conducted on a weekly basis. Review was conducted on random inspection logs and refusal/disciplinary action logs. Reviewed contingency plans. Summary of disciplinary actions attached.

3) Training:

Reviewed training records for facility personnel. There are four (4) N.C. SWANA Certified Landfill Operation Specialists at the facility. Additional training has been documented concerning other facility personnel for recognition of hazardous and unacceptable waste.

J. Discussions were held concerning the possibility of diverting wood pallets from the wastestream for the purpose of grinding into mulch. This type of treatment and processing operation would require an amendment to the permit and operational plans for the facility as would mobile home deconstruction.

Enclosure: Summary of Disciplinary Action

cc: Brent Rockett, Western Area Supervisor

✓ Phil Prete, Field Operations Branch

Subject: Re: Coble Sandrock Lf - Alamance Co. Permit # 01-05

Date: Mon, 26 Mar 2001 15:25:52 -0500

From: PJ Prete <phil.prete@ncmail.net>

To: Larry Rose <Larry.Rose@ncmail.net>

had a complainant that was concerned about the "creek" next to the landfill. If you would take a few minutes to discuss sampling points and data with me, I would appreciate it. -P

Larry Rose wrote:

> Phil,
>
> I've reviewed the data from the 4 monitoring events at this site and for
> other than a few metals (in all wells - including the background well),
> nothing has been detected in the wells. There are 4 wells and 2 surface
> water sampling locations. Surface water results don't indicate problems
> either, only barium a couple of times in both the upstream and
> downstream samples. The 4 sampling events are:
>
> 1st. 04-13-99
> 2nd. 12-27-99
> 3rd. 04-20-00
> 4th. 11-30-00
>
> Based on the maps supplied with the monitoring reports, the monitoring
> system appears to be a good one.
>
> What's up?
>
> Larry

Coble's Announces Price Increase for November 1

For the first time...ever... Coble's Sandrock will be increasing C&D tipping fees to offset recent changes to its franchise agreement with Alamance County. "We have been comfortable with our pricing and hoped this new franchise with Alamance County would continue under the same terms so that we would be able to continue offering the same tipping fees throughout the term of the next franchise. With the conditions this new franchise will impose on us, we have been left with no choice but to increase our tipping fees. For the most part, however, the majority of our customers will experience only a slight increase", says Kent Coble.

Coble's has decided to leave the flat rate fees and add a per ton surcharge in the amount of \$1.75. For example, if you have a single axle truck carrying 1.85 tons and are normally charged \$25, after November 1st, 2001 (when the surcharge takes affect) your cost will be \$28.23 (\$25 + \$3.23 surcharge = \$28.23).

We feel this surcharge will still be more affordable, even with heavier loads, than charging by the ton, like most landfills.

Specific reasons for the new surcharge:

- Coble's must pay \$1/ton to Alamance County for a host fee
- Alamance County is

requiring Coble's to carry insurance or other suitable mechanism for 20-years post-closure

- Restricting service radius to 25-miles (grand-fathering in existing customers outside the new service area)
- Requiring liner for landfill
- Post \$500,000 in securities with the county



NC DOT's Fall Litter Sweep

It's time once again to put on those rubber gloves and start cleaning Alamance County's roadsides. This year's Fall Litter Sweep is going to be held September 17-30th. If you haven't already adopted a road, now would be a great time

to do it. All you have to do is call or stop by your County's Adopt-A-Highway office and fill out a short application. Alamance County's office is located in Graham on Prison Camp Road (behind Sagebrush) and their phone

number is 570-6815. Picking up trash sounds like a terrible way to spend your weekend, but it's a great way to give back to your community. Remember, you don't have to adopt a road in order to pick up trash along it!

Inside this issue:

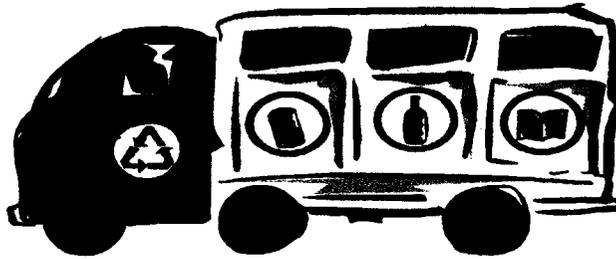
Benefits of Recycling at Job Sites	2
Monitoring Wells & Water Quality	2
Regulatory Review	2
Test Your Knowledge	3
A Little Humor	3
Random Screenings & Disciplinary Actions	3
Youth Soccer Team	4

Special points of interest:

- New C&D landfill surcharge goes into effect November 1, 2001
- Fall Litter Sweep is September 17-30th
- Cut landfill fees...recycle materials from your job-sites
- Coble's Sandrock remains in compliance with NCDENR regulations
- Coble's Sandrock sponsors youth soccer team

Benefits of Recycling at Job Sites

The disposal of wastes generated from construction and demolition (C&D) activities represent a significant portion of operating expenses in addition to consuming valuable landfill space. C&D waste represents a significant part of the solid waste stream, with current estimates at 28 percent of the total tonnage. Separation of materials on a job site provides a specific, clean waste stream that can be processed into products made from materials that would otherwise be discarded. This end result can be achieved if the material is commingled, but separating the useful material afterwards at a material recovery facility adds cost, contamination, and decreases the likelihood of high order uses of construction and demolition wastes. A contractor or builder would want to practice



Recycling on job sites offers waste reduction, decreased landfill fees and transportation costs and possible returns on marketable recyclables.

source separation at a job site to save on disposal costs and potentially generate income through the sale of salvaged material. To maximize the disposal cost savings, the additional labor requirements must be minimized by planning a source separation strategy and locating local processors that will meet your needs. The scraps and wastes generated at construction sites are more likely than demolition

wastes to be recycled due to the relative ease in separating the materials which, in turn, lowers the degree of contamination. Most construction occurs in phases which increases the potential of separating and compiling similar materials. The materials most often separated and recovered from general construction and renovation activities include wood waste, drywall, metal, paper, and cardboard. The economic practicality of on-site separation and recovery would of course depend on local markets and processors of the materials.

Source: Job Site Source Separation Fact Sheet by California Integrated Waste Management Board.

About Monitoring Wells & Water Quality at Coble's Sandrock

Water quality is among the many concerns of citizens residing near landfills. At Coble's Sandrock, we take every measure possible to assure the integrity of our natural resources. Although procedures are in place to deter materials from being placed in the landfill that may alter the ground water, North Carolina state law requires the use of monitoring wells in construction and demolition landfills. Our wells are strategically placed around the perimeter of the landfill site to collect

a representative sample of the ground water, both upstream and downstream. Samples from the wells and surface water, both upstream and downstream, are collected by contract geologists and analyzed by an outside laboratory on a semi-annual basis. The results of our groundwater samplings since the C&D landfill has been open have been within ap-

propriate limits. We will continue to follow our waste acceptance procedures to assure our operations do not, in any way, negatively impact the quality of life in our community. Copies of our monitoring well reports are available for review in our office or by contacting NCDENR.

Monitoring wells at the C&D landfill are tested on a semi-annual basis.

Regulatory Review

Hugh Jernigan, NCDENR representative from the Solid Waste Section, conducted an unannounced inspection on August 29, 2001. Coble's Sandrock was found to be in compliance with all applicable state regulations.

We were also visited on June 27, 2001 and again on August 1, 2001 by Matthew Gantt, NCDENR representative from the Land Quality Section. On both occa-

sions, Coble's Sandrock was found to be in compliance with rules concerning sedimentation and erosion control at the landfill sites.

A special thank you to all our employees for their hard work and commitment. It is you who deserves the credit for keeping our site in con-



Coble's Sandrock takes great pride in maintaining a deficiency-free workplace.

tinuous compliance. Thank you, Tommy and Charles, for keeping the landfills in such great shape. The drivers appreciate it too.

Copies of all our inspections are available for review in our office or may be obtained by contacting NCDENR.

Test Your Knowledge

It's sort of embarrassing when your four year old knows more about the world than you do. I ran across these while reading Drew's "Encyclopedia of Questions & Answers" to him. Hope you enjoy!

- **How thick is the Antarctic ice?**

The thickest ice in the Antarctic is 15,740 feet deep

- **What is the coldest anything can be?**

Absolute zero or -460 degrees Fahrenheit

- **How fast is lightning?**

Lightning can travel as far as 87,000 miles in 1 second

- **How fast is a sneeze?**

When you sneeze, air rushes down your nose at over 100 miles an hour



- **Where is the hottest place in North America?**

Death Valley, in the Mojave Desert of CA, is the hottest spot in North America. A high of 134 degrees Fahrenheit has been recorded there

- **Which is colder: the North or South Pole?**

The South Pole gets colder than the North Pole ever does. The coldest spot on Earth is at the Vostok base in Antarctica, near the South Pole. In July 1983

the temperature there fell to -128.6 degrees Fahrenheit

- **Where is the deepest point in the oceans?**

The deepest point in the oceans is the bottom of the Mariana Trench in the Pacific. Measurements of the trench have varied from 35,804 to 36,192 feet below the surface

- **How long does it take light from the nearest star to reach us?**

Light from the star nearest Earth takes four years to reach us. That means we see the star as it looked four years ago

A Little Humor

Carey, Jenny and Kent were working at the landfill when they found an antique oil lamp. They rubbed it and a Genie came out in a puff of smoke. The Genie said, "I usually only grant three wishes, so I'll

give each of you just one."

"Me first! Me first!" said Carey. "I want to be in the Bahamas, driving a speedboat, without a care in the world." Poof! She's gone.

"Me next! Me next!" said Jenny. "I want to be in Ha-

waii, relaxing on the beach with my personal masseuse, an endless supply of pina colodas and the love of my life." Poof! She's gone. "You're next," the Genie said to Kent.

Kent said, "I want those two back in the office after lunch."

Random Screenings & Disciplinary Actions

The table to the right displays the results of our random screening process as well as our pre-and post-inspections for each load dumped (or attempt to be dumped) in the C&D landfill. The dates of the results are from October 1998 through August 31, 2001.

The figures relating to tires and paint cans include the number of occurrences, not the number of tires or paint cans. Examples of items in the "other" category

are batteries, industrial waste and smoking at the landfill area.

Coble's Sandrock strictly enforces its policy on unacceptable items. If you have questions regarding the appropriateness of any waste, please call our office at (336) 565-4750.

Offense

27

80

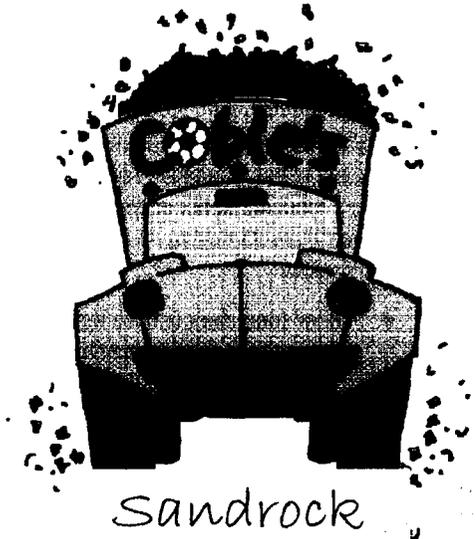
21

3

22

10

Coble's Sandrock Sponsors Youth Soccer Team



Coble's Sandrock is sponsoring a youth soccer team with the Burlington Parks & Recreation Department. Little Drew will be playing this year. It should be a lot of fun watching a group of 4 year-olds running around on the field.

Games will be played at Joe Davidson Park on Thursdays at 6:30. The coach is Brandy Lambert. If your little one is interested in playing soccer for the Parks & Recreation Department in future seasons, contact Jim Self at 222-5030.

2001 Holiday Schedule

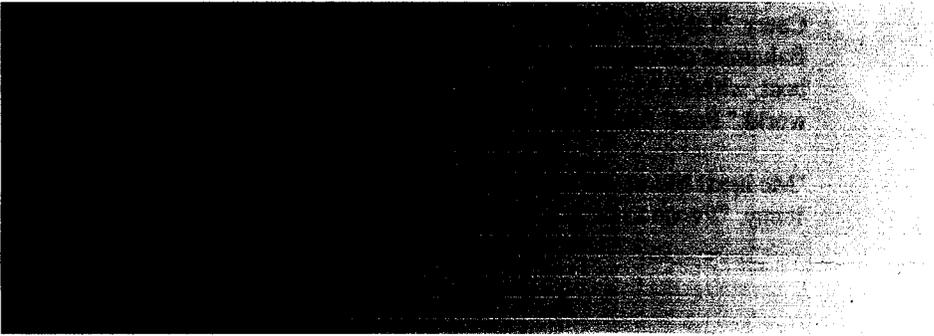
Coble's Sandrock will be closed the following days:

Thanksgiving
November 22nd and
23rd

Christmas
December 24th and
25th

**Please inform your
drivers!**

TOURIST SERVICE



5833 FOSTER STORE ROAD
LIBERTY, NC 27298
(336) 565-4750

facsimile transmittal

To: Hugh Jernigan Fax: 771-4631

From: Jenny Date: 2/11/02

Re: Pages: 1

CC:

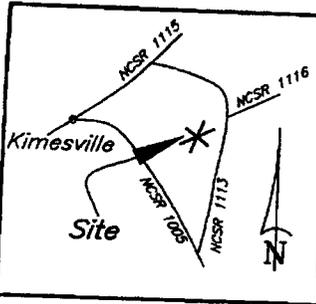
Urgent For Review Please Comment Please Reply Please Recycle

Hello! :)

Tim FKI
- A

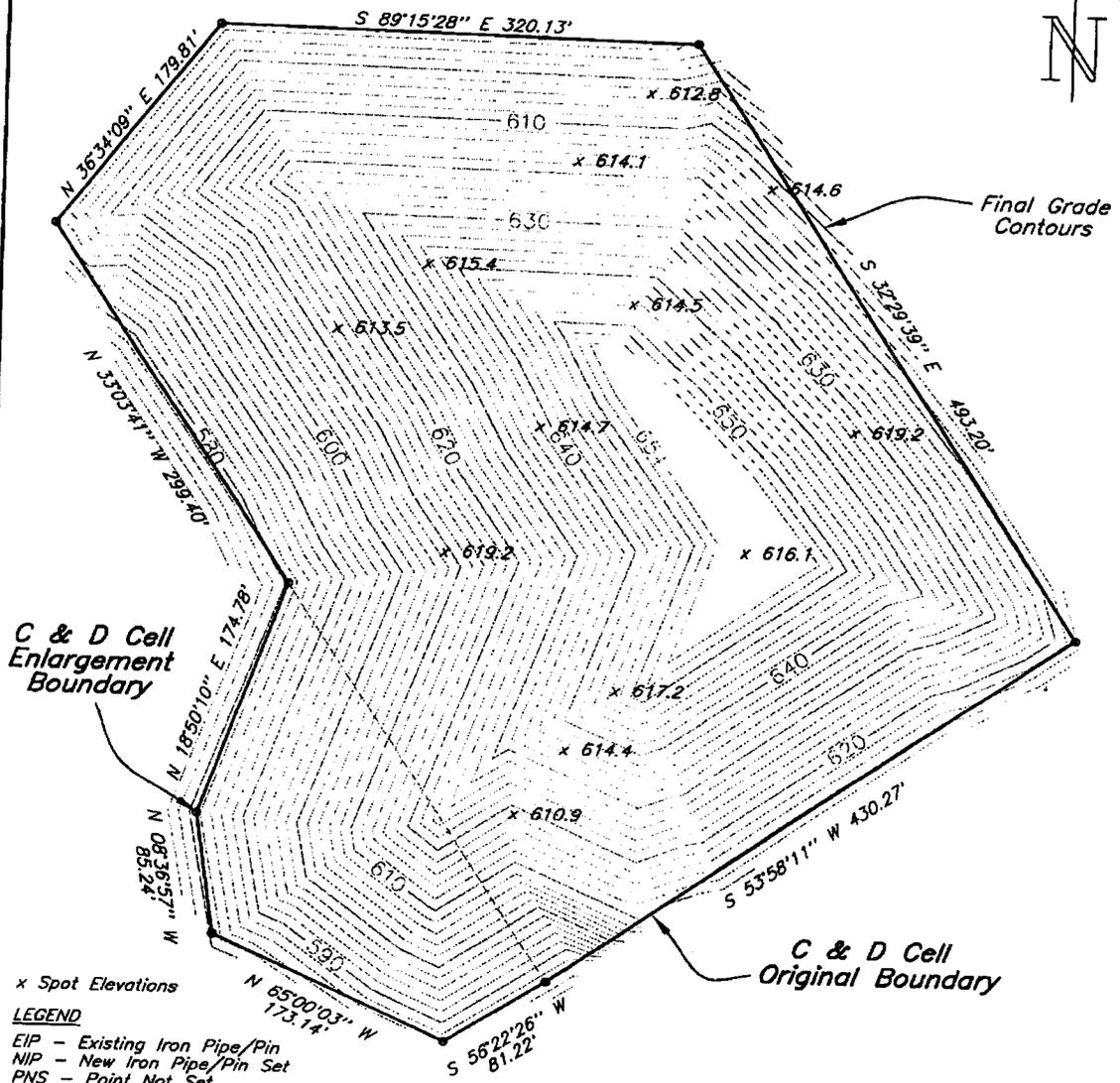
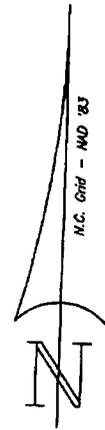
COBLE'S SANDROCK

.....



Vicinity Map
Not To Scale

Note: This is To Certify That
The Spot Elevations Shown
Hereon Are Correct As Of The
Date Of This Survey.



LEGEND
 EIP - Existing Iron Pipe/Pin
 NIP - New Iron Pipe/Pin Set
 PNS - Point Not Set
 Area Determined By Mathematical Coordinates

"Elevation Certification"

Survey For
Coble Landfill - C & D Cell No. 1
 Patterson Township - Alamance County
 North Carolina

Scale 1" = 100' January 30, 2002
 100 0 100 200
 Graphic Scale In Feet

TRITECH
CIVIL ENVIRONMENTAL, PC
 Surveyors - Engineers
 POST OFFICE BOX 4127
 ASHEBORO, NORTH CAROLINA 27204
 (336) 498-1060

Draw Disk 01-02 Job No. 02532-18 Book No. N/A

Michael R. Stout
 January 30, 2002

Subdivision	N/A
Section	-
Block	-
Lot No.	-
Deed Book	-
Plat Book	-

RECORD OF COMMUNICATION

PHONE CALL DISCUSSION FIELD TRIP CONFERENCE

OTHER (SPECIFY) *Elevation Survey*

(Record of item checked above)

TO: *Tim Jewell*

FROM:

DATE *1/3/01*

TIME

SUBJECT *Re: Coble Sandrock 1/24/01 Survey*

SUMMARY OF COMMUNICATION

I think this the last part of the cell

Received 1/3/01

— Hugh

CONCLUSIONS, ACTION TAKEN OR REQUIRED

INFORMATION COPIES

TO:

BOOK 375 PAGE 553

NORTH CAROLINA
ALAMANCE COUNTY

CK

THIS DEED, made and entered into this 10th day of October, 1970,
by and between A. B. COBLE, widower, M. R. COBLE and wife, ALMA COBLE,
T. C. COBLE and wife CATHERINE COBLE, J. P. KIMREY and wife DEWELL COBLE
KIMREY, all of the County of Alamance and State of North Carolina, parties
of the first part; and KENT L. COBLE and wife, BRENDA L. COBLE of the
County of Alamance and State of North Carolina, parties of the second
part;

Brenda L. Coble

W I T N E S S E T H :

That the said parties of the first part, in consideration of the sum
\$30,500.00 to them paid by the said parties of the second part, the receipt
of which is hereby acknowledged, have bargained and sold and by these presents
do bargain, sell, and convey unto the said parties of the second part, and
their heirs and assigns a certain tract or parcel of land lying and being
in the County of Alamance and State of North Carolina, in Patterson Town-
ship and more particularly described as follows:

TRACT NO. I:

A certain tract or parcel of land in Patterson Township, Alamance
County, State of North Carolina, and described as follows:

BEGINNING at a rock and a Black Jack in Iseleys line; thence S. 3 1/2
deg. W. 161 rds. to a gum tree; thence N. 34 1/2 deg. W. 241 rds. to a
gum tree on the bank of the creek near a branch; thence N. 55 deg.
E. 15 rds. to a rock; thence S. 57 deg. E. 78 rds. to a rock; thence
N. 86 deg. E. 35 rds. to a willow oak near a spring; thence S. 57
deg. E. 38 rds. to the BEGINNING, containing 72 acres, more or less
and being the same property as described in deed dated August 7,
1907 and recorded in Deed Book 98, at Page 578 of the Alamance
County Registry.

TRACT NO. II:

A certain tract or parcel of land in Patterson Township, Alamance
County, State of North Carolina, adjoining the lands of W. J. Coble
and others and bounded as follows:

BEGINNING at the old Black corner on the bank of a branch at the
creek 12 or 15 feet from a solid rock on a gum tree; thence S. 9
deg. E. 29 chs. 44 links to a stone 4 poles north of the old Staley
line and corner with Nannie Black; thence S. 86 1/2 deg. E. 66 poles 18



BOOK 375 PAGE 554

links to a stone on the South side of a branch, corner with said Nannie Black in E. M. Alexander line; thence N. 38 deg. W. 35 chs. with said Alexander line to the BEGINNING, containing 25 acres, more or less. This being the same property as that conveyed by Mary J. Alexander to W. J. Coble by deed recorded in Book 98 at Page 575 of the Alamance County Registry.

EXCEPT from the foregoing described tracts is that one acre tract sold by W. J. Coble and wife, Sallie A. Coble to Miss Mattie B. Holt by deed dated October 24, 1955 and recorded in Deed Book 239 at Page 53 of the Alamance County Registry. Also excepted from the foregoing described tracts is that agreement between W. J. Coble, et. al. and J. P. Kimrey, et. al. establishing a boundry line and recorded in Deed Book 129 at Page 39 of the Alamance County Registry.

To have and to hold the aforesaid tracts or parcels of land, together with all privileges and appurtenances thereunto belonging, to them the said parties of the second part and their heirs and assigns in fee simple forever.

And the said parties of the first part do covenant that they are seized of said lands in fee and have the right to convey the same in fee simple, that the same are free and clear of all incumbrances and that they will warrant and defend the title herein conveyed against the lawful claims of all persons whomsoever.

IN TESTIMONY WHEREOF, said parties of the first part have hereunto set their hands and seals the day and year first above written.

A. B. Coble (SEAL)
A. B. Coble

M. R. Coble (SEAL)
M. R. Coble

Alma Coble (SEAL)
Alma Coble

T. C. Coble (SEAL)
T. C. Coble

Catherine Coble (SEAL)
Catherine Coble

J. P. Kimrey (SEAL)
J. P. Kimrey

Dewell Coble Kimrey (SEAL)
Dewell Coble Kimrey

BOOK 375 PAGE 555

NORTH CAROLINA
ALAMANCE COUNTY

I, Barbara B. Harris, a Notary Public of said County, do hereby certify that A. B. COBLE, widower, M. R. COBLE and wife, ALMA COBLE, T. C. COBLE and wife, CATHERINE COBLE, J. P. KIMREY and wife, DEWELL COBLE KIMREY, all of the County of Alamance, personally appeared before me this day and acknowledged the due execution of the foregoing deed.

Witness my hand and official seal, this 10th day of October, 1970.

Barbara B. Harris
NOTARY PUBLIC

My Commission Expires:

3/25/71



STATE OF NORTH CAROLINA, COUNTY OF ALAMANCE

The foregoing certificate(s) of Barbara B. Harris
a Notary (or ~~Notary~~) Public of the governmental units designated is (are) certified to be correct.

Filed for registration on the 12 day of Oct, 1970, at 11:45 o'clock A M.
and duly recorded in the Office of the Register of Deeds of this County in Book of Deeds No. 375 page 553

D. B. PARIS, Register of Deeds 10-14-70 By Mae Jugen Deputy

ALAMANCE COUNTY NC 04/23/97 \$1.00
STATE OF NORTH CAROLINA Real Estate Excise Tax

'97 APR 23 P1:39
REGISTER OF DEEDS
ALAMANCE COUNTY, NC

Excise Tax # 1 00

Recording Time, Book and Page

Tax Lot No. Parcel Identifier No.
Verified by County on the day of 19
by

Mail after recording to
(prepared without benefit of title examination)
This instrument was prepared by PATTERSON & WHITE (John K. Patterson)
Brief description for the Index

NORTH CAROLINA GENERAL WARRANTY DEED

THIS DEED made this 16th day of April, 1997, by and between

GRANTOR

GRANTEE

GIJSBERTUS F. VAN STAVEREN, Divorced
and
DEANNA MARIE COBLE, Divorced

KENT LEE COBLE and wife,
BRENDA LAMM COBLE
5833 Foster Store Road
Liberty, NC 27289

Enter in appropriate block for each party: name, address, and, if appropriate, character of entity, e.g. corporation or partnership.

The designation Grantor and Grantee as used herein shall include said parties, their heirs, successors, and assigns, and shall include singular, plural, masculine, feminine or neuter as required by context.

WITNESSETH, that the Grantor, for a valuable consideration paid by the Grantee, the receipt of which is hereby acknowledged, has and by these presents does grant, bargain, sell and convey unto the Grantee in fee simple, all that certain lot or parcel of land situated in the City of Patterson Township, Alamance County, North Carolina and more particularly described as follows:

A certain tract or parcel of land in Patterson Township, Alamance County, North Carolina, adjoining Devoe C. Euliss, Kent L. Coble, Poppaw Creek, and Gijs Van Staveren and Deanna C. Van Staveren and described as follows:

BEGINNING at a new iron pipe, corner with Kent L. Coble; running thence with Kent L. Coble N. 57 deg. 00' 00" W. 1,293.39 feet to a stone control corner; thence again with Kent L. Coble S. 55 deg. 00' 00" W. 177.02 feet to a new iron pin; thence along Poppaw Creek the following courses and distances: N. 75 deg. 28' 40" W. 135.50 feet to a point; thence N. 80 deg. 53' 58" W. 55.04 feet to a point; thence N. 28 deg. 35' 12" W. 54.04 feet to a point; thence N. 04 deg. 22' 29" W. 61.61 feet to a point; thence N. 13 deg. 37' 16" W. 51.45 feet to a point; thence S. 76 deg. 22' 48" W. 51.45 feet to a point; thence N. 69 deg. 19' 52" W. 94.67 feet to a point; thence N. 22 deg. 49' 42" W. 100.12 feet to a point; thence N. 32 deg. 06' 52" W. 57.17 feet to a point; thence N. 37 deg. 45' 47" E. 122.11 feet to a point; thence N. 49 deg. 27' 06" E. 103.08 feet to a point; thence N. 46 deg. 43' 36" E. 90.70 feet to a point in the center line of Poppaw Creek and the line of Devoe C. Euliss; thence with the line of Devoe C. Euliss S. 87 deg. 14' 54" E. 900.00 feet to an existing iron pipe, corner with Gijsbertus Van Staveren and Deanna C. Van Staveren; running thence with Gijsbertus Van Staveren and Deanna C. Van Staveren S. 33 deg. 16' 30" E. 487.25 feet to a new iron pipe; thence S. 22 deg. 31' 29" E. 559.16 feet to a new iron pipe; thence S. 35 deg. 14' 46" E. 161.02 feet to a new iron pipe; thence S. 15 deg. 59' 06" W. 97.38 feet to the BEGINNING, CONTAINING 19.819 ACRES, more or less, as shown on a final plat of the property of Gijs Van Staveren and wife, Deanna C. Van Staveren, as surveyed by Ray Barnes, Registered Land

(Description continued on reverse side hereof)

Surveyor, December 2, 1993, plat of which is recorded in Plat Book _____, Page _____, of the Alamance County Registry.

The above described property is to be added to and become a part of the property of Kent Lee Coble and wife, Brenda Lamm Coble.

This conveyance is subject to a Deed of Trust in favor of D. Willard Phillipie dated August 30, 1993. However the Grantors agree to make all remaining payments due on said note and deed of trust to D. Willard Phillipie.

The property hereinabove described was acquired by Grantor by instrument recorded in _____

A map showing the above described property is recorded in Plat Book _____ page _____

TO HAVE AND TO HOLD the aforesaid lot or parcel of land and all privileges and appurtenances thereto belonging to the Grantee in fee simple.

And the Grantor covenants with the Grantee, that Grantor is seized of the premises in fee simple, has the right to convey the same in fee simple, that title is marketable and free and clear of all encumbrances, and that Grantor will warrant and defend the title against the lawful claims of all persons whomsoever except for the exceptions hereinafter stated. Title to the property hereinabove described is subject to the following exceptions:

IN WITNESS WHEREOF, the Grantor has hereunto set his hand and seal, or if corporate, has caused this instrument to be signed in its corporate name by its duly authorized officers and its seal to be hereunto affixed by authority of its Board of Directors, the day and year first above written.

(Corporate Name)
By: _____

President
ATTEST:

Secretary (Corporate Seal)

USE BLACK INK ONLY

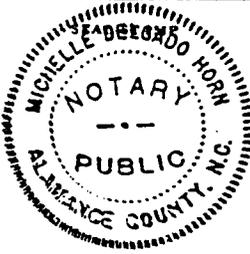
Gijsbertus F. Van Staveren
GIJSBERTUS F. VAN STAVEREN (SEAL)
Deanna Marie Coble
DEANNA MARIE COBLE (SEAL)

(SEAL)

(SEAL)



NORTH CAROLINA, Alamance County.
I, a Notary Public of the County and State aforesaid, certify that Gijsbertus F. Van Staveren, Divorced Grantor, personally appeared before me this day and acknowledged the execution of the foregoing instrument. Witness my hand and official stamp or seal, this 21 day of April, 1997.
My commission expires: SEP 22, 1998 Karen S. Mills Notary Public



NORTH CAROLINA, Alamance County.
I, a Notary Public of the County and State aforesaid, certify that Deanna Marie Coble, Divorced, personally came before me this day and acknowledged ~~the execution of~~ the foregoing instrument. Witness my hand and official stamp or seal, this 16th day of April, 1997.
My commission expires: 9-26-98 Michelle DeBado Horn Notary Public

The foregoing Certificate(s) of Karen S. Mills + Michelle DeBado Horn N.P. of the governmental units designated _____

is/are certified to be correct. This instrument and this certificate are duly registered at the date and time and in the Book and Page shown on the first page hereof.

NADINE S. FUQUA REGISTER OF DEEDS FOR Alamance COUNTY
By Barbara Wilson Deputy/_____- Register of Deeds

0105Permit2002 - Box No. _____

②

Alamance Co 01-05 2002

01052002

North Carolina
Department of Environment and Natural
Resources



Michael F. Easley, Governor
William G. Ross Jr., Secretary
Dexter R. Matthews, Director

January 24, 2002

Mr. Kent Coble
Coble's Sandrock, Inc.
5833 Foster's Store Road
Liberty, North Carolina 27298

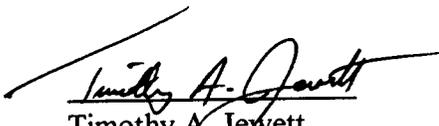
Re: Coble's C&D Landfill, Solid Waste Permit No. 01-05

Dear Mr. Coble:

The Solid Waste Section (the Section) has received your request (dated 2 July 2001 with revisions dated 28 November 2001 from Joyce Engineering, Inc.) requesting a modification to your C&D permit adding an additional 1.15 acres to the existing 5.85 acre landfill footprint and increasing the finished landfill side slopes from 4:1 to 3.5:1. These modifications have been approved and the document has been incorporated into the list of approved documents (Attachment 1) for the facility. Enclosed is a modified permit for the facility indicating the revisions. Please note new condition # 13 and #14 which are specific to the deconstruction operations taking place on the working face. As excavation and fill operations progress, please continue to inform the Section that base grades for the cell are being met to satisfy the minimum four (4) foot separation from seasonal high ground water. Also, well boring and installation logs for the new Monitoring Well No. 5 must be submitted to the Section when installation is completed.

If you have any questions or comments, please feel free to contact me at (336) 771-4608 ext. 204 or the Solid Waste Specialist for your area, Hugh Jernigan, at (336) 771-4608 ext. 206. Also, please schedule a site visit with Mr. Jernigan and/or myself prior to placing waste in the new area.

Sincerely,


Timothy A. Jewett
Western Area Engineer
Solid Waste Section

cc: Jim Coffey, SWS
Brent Rockett, SWS
Hugh Jernigan, SWS
Raleigh Central Files: Coble's Sandrock, Inc. C&D Landfill, Alamance County,
Permit No. 01-05

H:\WESTERNR\C&D\COBLEADD.CER.wpd

1646 Mail Service Center, Raleigh, North Carolina 27699-1646
Phone: 919-733-4996 \ FAX: 919-715-3605 \ Internet: www.enr.state.nc.us

AN EQUAL OPPORTUNITY \ AFFIRMATIVE ACTION EMPLOYER - 50% RECYCLED / 10% POST CONSUMER PAPER

North Carolina
Department of Environment and Natural
Resources

Michael F. Easley, Governor
William G. Ross Jr., Secretary
Dexter R. Matthews, Director



PERMIT NO. 01-05
ISSUED 30 SEPTEMBER 1998
MODIFIED 4 APRIL 2000
MODIFIED 29 AUGUST 2000
MODIFIED 24 JANUARY 2002

STATE OF NORTH CAROLINA
DEPARTMENT OF ENVIRONMENT AND NATURAL RESOURCES
DIVISION OF WASTE MANAGEMENT

SOLID WASTE PERMIT

COBLE'S SANDROCK, INC.

is hereby issued a PERMIT TO OPERATE a 7.0 Acre

CONSTRUCTION AND DEMOLITION LANDFILL

located on Foster's Store Road (SR 1113) one half mile east of Kimesville in Alamance 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 property deed included in the siting requirements and construction plan application referenced in Attachment 1.


James C. Coffey,
Acting Section Chief
Solid Waste Section

1646 Mail Service Center, Raleigh, North Carolina 27699-1646
Phone: 919-733-4996 \ FAX: 919-715-3605 \ Internet: www.enr.state.nc.us

AN EQUAL OPPORTUNITY \ AFFIRMATIVE ACTION EMPLOYER - 50% RECYCLED / 10% POST CONSUMER PAPER

PERMIT NO. 01-05
ISSUED 30 SEPTEMBER 1998
MODIFIED 4 APRIL 2000 (Area Certifications)
MODIFIED 29 AUGUST 2000 (Area Certifications)
MODIFIED 24 JANUARY 2002 (1.15 acre addition)

COBLE'S SANDROCK, INC.

**SOLID WASTE PERMIT
CONSTRUCTION AND DEMOLITION LANDFILL**

CONDITIONS OF PERMIT:

General:

1. 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 Waste Management (the Division).
2. When this property is sold, leased, transferred or conveyed, the deed or other instrument of transfer shall contain in the 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 sanitary landfill.
3. This permit is for a period of five years and is subject to review on or before 30 September 2003, as per 15A NCAC 13B .0201(c), according to the issuance date of the permit. Modifications to the facility may be required in accordance with the rules in effect at the time of review. This facility may receive solid waste that is generated within a service area consisting of Guilford County, Alamance County and North Carolina in general.
4. The approved plan for this facility is described in Attachment 1, "List of Documents for Approved Plan". Where discrepancies exist, the most recent submittal and these Conditions shall govern. Some components of the approved plan are reiterated in these Conditions.
5. This permit is not transferable.
6. A copy of this permit and the approved plan shall be maintained at the facility.
7. The owner/operator is responsible for obtaining any and all permits and approvals necessary for the development of this project including approval from appropriate agencies for a General or Individual NPDES Stormwater Discharge Permit.

Construction and Operation:

8. This permit is for the development of the Coble's Construction and Demolition Landfill, Cell 1 within the approved facility description, in accordance with the approved plans (see Attachment 1). Initial development shall begin on the southern side of the facility.
9. This solid waste management facility is permitted to receive the following waste types:
 - a. Land-clearing debris as defined in G.S. 130A-290, specifically, solid waste that is generated solely from land-clearing activities, such as stumps, trees, etc.;
 - b. Inert debris defined as solid waste which consists solely of material that is virtually inert, such as brick, concrete, rock and uncontaminated soil;
 - c. Asphalt in accordance with G.S. 130A-294(m);
 - d. Construction and demolition debris defined as solid waste resulting solely from construction, remodeling, repair or demolition operations on pavement, buildings, or other structures;

Note: Yard trash defined as solid waste consisting solely of vegetative matter resulting from landscaping maintenance (see G.S. 130A-290) is banned from disposal in this facility as per NC General Statutes.

10. All sedimentation and erosion control measures will be conducted in accordance with the Sedimentation Control Act codified at 15 NCAC 4. Native vegetation shall be established on the completed landfill.
11. The following requirements shall be met prior to operation of this facility:
 - a. Coble's Sandrock, Inc. or its consultant shall provide documentation to the Division that the site preparation (grading, placement of fill if applicable, maintaining 4 feet separation between waste and groundwater, etc.) has occurred in accordance with the construction plan and the conditions specified herein.
 - b. The owner's geologist shall examine the cell excavation and note any pertinent geological features exposed during the construction process and shall notify the Solid Waste Section Hydrogeologist of these findings.
 - b. Site inspection shall be made by a representative of the Division.
 - c. Signs shall be posted at the facility in accordance with the Access and Safety Requirements under Operation Condition No. 12 listed below.
 - d. Surface water monitoring locations shall be established and groundwater monitoring wells (see Monitoring and Reporting Requirements) shall be installed. A baseline sampling event for background water quality shall be performed. Well construction records and sampling analysis results shall be submitted to the Section Hydrogeologist

- for review and approval prior to operation (see Monitoring and Reporting Conditions below).
- e. Recordation procedures for the permit shall be implemented as described above in General Conditions Numbers 1 and 2.
 - f. A comprehensive Operations Plan shall be submitted to the Division in accordance with 15A NCAC 13B .0505.
12. Operation of the facility shall occur in accordance with the NC Solid Waste Management Rules 15A NCAC 13B .0505, "Operational Requirements for Sanitary Landfills", the approved Operations Plan, and the following specific conditions:

Waste Acceptance and Disposal

- a. The facility shall accept only those solid wastes which it is permitted to receive.
- b. No municipal solid waste, hazardous waste, or liquid waste shall be accepted for disposal.
- c. Waste shall be restricted to the smallest area feasible and compacted as densely as practical into cells.
- d. The permittee shall implement a program at the facility for detecting and preventing the disposal of unacceptable wastes. The program shall include, at a minimum:
 - i. Random inspections of incoming loads or other comparable procedures;
 - ii. Record keeping which documents these inspections;
 - iii. Training of personnel to recognize hazardous, liquid, and other unauthorized waste types;
 - iv. Development of a contingency plan to properly manage any identified hazardous or problem wastes; The plan must address identification, removal, storage, and final disposition of these wastes.

Cover Material Requirements

- e. Operational soil cover of at least six inches shall be placed at least once per week or when the active area reaches 1/2 acre in size or more often as necessitated by the nature of the waste so as to prevent the site from becoming a visual nuisance and to prevent fire, windblown materials, vectors or water infiltration.
- f. Areas which will not have additional waste placed on them for 12 months or more, but where final termination of operations has not occurred, shall be covered with a minimum of one foot of soil cover.
- g. After final termination of disposal operations at the site, or major part thereof, or upon revocation of a permit, the final cover system shall be installed.

Access and Safety

- h. The facility shall be adequately secured by means of gates, chains, berms, fences, or

- other security measures approved by the Division to prevent unauthorized entry.
- i. An attendant shall be on duty at the site at all times while it is open for public use to ensure compliance with operational requirements.
- j. The access road to the site shall be of all-weather construction and maintained in good condition.
- k. Dust control measures shall be implemented when necessary.
- l. Signs providing information on dumping procedures, the hours of operation, the permit number, the emergency contact, and other pertinent information shall be posted at the site entrance.
- m. Signs shall be posted stating that no MSW, hazardous waste or liquid waste can be received.
- n. Traffic signs or markers shall be provided as necessary to promote an orderly traffic pattern to and from the discharge area and to maintain efficient operating conditions.
- o. The removal of solid waste from the facility is prohibited unless the owner/operator approves and the removal is not performed on the working face.
- p. Barrels and drums shall not be disposed of unless they are empty and perforated sufficiently to ensure that no liquid or hazardous waste is contained therein.
- q. Open burning of solid waste is prohibited.
- r. The concentration of explosive gases generated at the facility shall not exceed:
 - i. twenty-five percent of the limit for gases in site structures (excluding gas control or recovery system components); and
 - ii. the lower explosive limit for gases at the facility boundary.

Erosion and Sedimentation Control

- s. Adequate sedimentation and erosion control measures shall be practiced to prevent silt from leaving the site.
- t. Adequate sedimentation and erosion control measures shall be practiced to prevent excessive on-site erosion.
- u. Provisions for a vegetative ground cover sufficient to restrain erosion must be accomplished within 30 working days or 120 calendar days upon completion of any phase of C&D landfill development.

Drainage Control and Water Protection Requirements

- v. Surface water shall be diverted from the operational area.
- w. Surface water shall not be impounded over or in waste.
- x. A separation distance of at least four feet shall be maintained between waste and the ground-water table.
- y. Solid waste shall not be disposed of in water.
- z. Leachate shall be contained on site or properly treated prior to discharge. An NPDES permit may be required prior to discharge of leachate to surface waters.

13. Materials recovered from the C&D waste stream and from deconstruction of mobile homes on the working face shall be placed in six roll off containers specified in the revised operations plan. No stock piling of this material and no accumulation of containers is permitted. Containers shall be removed from the facility when full or weekly as determined by the fill rate and the limitation of containers at the working face.
14. Metal and cardboard are approved for recalcination at the working face. If additional materials are to be reclaimed, please contact the Section for approval which may require modification to the permit and/or an application for C&D treatment and processing.
15. All pertinent landfill operating personnel will receive training and supervision necessary to carry out their duties and operate this landfill in a safe manner.
16. A closure and post-closure plan must be submitted for approval at least 90 days prior to closure or partial closure of any landfill unit. The plan must include all steps and measures necessary to close and maintain the facility in accordance with all rules in effect at that time. At a minimum, the plan shall address the following:
 - a. Design of a final cover system;
 - b. Construction and maintenance/operation of the final cover system and erosion control structures;
 - c. Surface water, ground water, and explosive gas monitoring.

Monitoring and Reporting:

17. Ground water quality at this facility is subject to the classification and remedial action provisions referenced in Rule .0503 (2)(d) of 15A NCAC 13B. Water quality monitoring for the C&D landfill shall occur according to the following conditions:
 - a. The permittee shall sample the monitoring wells semi-annually or as directed by the Division Hydrogeologist.
 - b. Monitoring well design and construction shall conform to the specifications outlined in Attachment 2, "North Carolina Water Quality Monitoring Guidance Document for Solid Waste Facilities."
 - c. Sampling equipment, procedures, and parameters shall conform to specifications outlined in the above-referenced guidance document, (Attachment 2), or the current guidelines established by the Division at the time of sampling.
 - d. A total of five monitoring well locations as illustrated in the approved plans shall be established to monitor the facility.
 - e. A geologist shall be in the field to supervise well installation. The exact locations, screened intervals, and nesting of the wells shall be established after consultation with the Division Hydrogeologist at the time of well installation.
 - f. Prior to the acceptance of any waste at the facility, a baseline sampling event shall be completed. The results of this sampling event shall be submitted to the Division

- Hydrogeologist in a timely manner (see Construction and Operation Condition 11(d)).
- g. Well completion records and boring logs shall be submitted to The Division at the same time as the results of the initial sampling event or within 30 days upon completion of any new wells.
 - h. In order to determine ground-water flow directions and rates, each monitoring well shall be surveyed, and hydraulic conductivity values and effective porosity values shall be established for the screened intervals for each monitoring well.
 - i. A readily accessible unobstructed path shall be initially cleared and maintained so that four-wheel drive vehicles may access the monitoring wells at all times.
18. The permittee shall establish two locations for surface water sampling. Surface water shall be sampled and analyzed semi-annually according to the protocol and parameters required by the Division at the time of sampling.
 19. The permittee shall maintain a record of all monitoring events and analytical data. Reports of the analytical data for each water quality monitoring sampling event (1.h. & 2.) shall be submitted to the Division in a timely manner.
 20. Explosive gas monitoring shall be performed as needed to ensure compliance with the standards in Rule .0503 (2)(a).
 21. The permittee shall maintain a record of the amount of solid waste (in tons) received at the facility and the amount of material reclaimed for recycling, compiled on a monthly basis. Scales shall be used to weigh the amount of waste received and recycled.
 22. On or before 01 August (or an earlier date as requested by the Division) of each year, the permittee shall report the amount of waste received at this facility and disposed of in the landfill to the Division and to all counties from which waste was accepted, on forms prescribed by the Division. This report shall include the following information:
 - a. The reporting period shall be for the previous year, beginning 01 July and ending on 30 June;
 - b. The amount of waste received and landfilled in tons, compiled on a monthly basis, according to Condition 5 described above; and
 - c. Documentation that a copy of the report has been forwarded to all counties from which waste was accepted.
 23. All pertinent records and reports shall be maintained on site and made available to the Division upon request.

PERMIT NO. 01-05
ISSUED 30 SEPTEMBER 1998
MODIFIED 4 APRIL 2000 (Area Certifications)
MODIFIED 29 AUGUST 2000 (Area Certifications)
MODIFIED 24 JANUARY 2002 (1.15 acre addition)

ATTACHMENT 1

List of Documents for the Approved Plan

The following documents are incorporated into the approved plan for Permit No. 01-05:

1. Revised document titled "Construction and Demolition Landfill Permit Application: Siting Requirements" submitted by Trigon Engineering Consultants, Inc. on 18 September 1998.
2. Revised document titled "Construction and Demolition Landfill Permit Application: Construction Plan Application" submitted by Trigon Engineering Consultants, Inc. on 4 September 1998.
3. Response to Technical review letter, submitted 18 September 1998 by Trigon Environmental Consultants, Inc. including a revised grading plan, revisions to the Water Quality Monitoring Plan, location of the 100 year Flood Plan elevation, and other information to satisfy permit requirements.
4. Certificate of Approval from the Division of Land Quality dated 14 September 1998 approving the Sediment and Erosion Control Plan for the facility (included with the letter described in Item No. 3 above).
5. Legal Description of the Facility (from Appendix A of the document listed in Item No. 1 above).
6. Survey dated September 30, 1998 from Moore & Ellis Registered Land Surveyors certifying base grades.
7. Survey dated December 3, 1998 from Trittech Civil Environmental, P.C. certifying base grades.
8. Survey dated April 21, 1999 from Trittech Civil Environmental, P.C. certifying base grades.
9. Survey dated October 22, 1999 from Trittech Civil Environmental, P.C. certifying base grades.
10. Survey dated December 13, 1999 from Trittech Civil Environmental, P.C. certifying base grades.

ATTACHMENT 1 (continued)

11. Survey dated June 30, 2000 from Trittech Civil Environmental, P.C. certifying base grades.
12. Document titled "Request for Modification to Construction and Demolition Debris Landfill Permit No. 01-05, Coble's Sandrock Alamance County, North Carolina," submitted by Joyce Engineering and dated 2 July 2001 with revisions dated 28 November 2001. This modification adds an additional 1.15 acres to the originally approved 5.85 acre footprint, bringing the total footprint to 7.0 acres (local government approval for this facility is for 7.0 acres) and adjusting the side slopes from 4:1 to 3.5:1.

⑩ Alliance Co. 01-05
2003

2003

01052003



Waste Industry Experts

Henderson Building
Suite 203
2301 W Meadowview Rd
Greensboro, NC 27407

tel: 336/323-0092
fax: 336/323-0093

www.JoyceEngineering.com

December 23, 2003

Ms. Ellen B. Lorscheider
Hydrogeologist
DENR, Division of Waste Management-Solid Waste Section
1646 Mail Service Center
Raleigh, NC 27611



**RE: Coble's Sandrock, Inc., C&D Landfill
Permit Modification for Phase 2 Expansion-Geologist Inspection
JEI Project No. 419.00, Task 11**

Dear Ellen,

As you are aware, Coble's Sandrock C&D Landfill Permit, No. 01-05, modified May 20, 2003, contains conditions that are required to be met prior to waste disposal in the expanded cell area. The purpose of this letter is to address two of those conditions.

Condition No. 11.a. states "*Coble's Sandrock, Inc. or its consultant shall provide documentation to the Division that the site preparation (grading, placement of fill if applicable, maintaining 4 feet separation between waste and groundwater, etc.) has occurred in accordance with the construction plan, the Alamance County Franchise Agreement compacted soil liner requirement, and conditions specified herein.*" Attachment 1 to this letter is a completed cell basegrade survey prepared by Trittech Civil Environmental, P.C., dated November 5, 2003. The seasonal high groundwater contours from our June 2002 C&D Landfill Construction Plan Application for the Phase 2 Cell A area have been superimposed on this survey plat to demonstrate that the finished grades are 4.0 + feet above the seasonal high water table. The soils testing were completed on November 11, 2003, the results of which were submitted to Tim Jewitt on December 22, 2003.

Condition No. 11.b. states "*The owner's geologist shall examine the cell excavation and note any pertinent geologic features exposed during the construction process and shall notify the Solid Waste Section Hydrogeologist of these findings prior to the placement of any liner materials.*" On December 15, 2003, you and I conducted an inspection of the Phase 2 cell expansion area prior to the placement of C&D waste. At the time of the inspection, only Cell A of Phase 2 was complete and ready for inspection. The basegrade was well-prepared and exhibited no unusual geologic conditions that would be judged to impact the long-term stability of the subsoils, or potential flow of groundwater.

Ms. Ellen B. Lorscheider
December 23, 2003
Page 2 of 2

Please call Kent Coble (336-565-4750), Dusty Reedy or me with any questions, comments, or requests for additional information related to this permit modification. On behalf of Coble's Sandrock, Inc. we appreciate your assistance with this project.

Sincerely,
JOYCE ENGINEERING, INC.

Rachel P. Kirkman

Rachel P. Kirkman, P.G.
(NC # 1811)
Project Hydrogeologist

Attachment: *Survey of Finished Basegrades w/ Groundwater Contours*

Cc: Kent Coble, Coble's Sandrock
Hugh Jernigan, Solid Waste Section
Tim Jewett, Solid Waste Section
David Y. "Dusty" Reedy, JEI
Charles Hiner, P.E., JEI w/o attachment



Waste Industry Experts

Henderson Building
Suite 203
2301 W Meadowview Rd
Greensboro, NC 27407

tel: 336/323-0092
fax: 336/323-0093

www.JoyceEngineering.com

December 22, 2003

Mr. Kent Coble
Coble's Sandrock
5833 Foster Store Road
Liberty, NC 27298

RECEIVED
N.C. Dept. of ENR
DEC 23 2003
Winston-Salem
Regional Office

**Re: Coble's Sandrock C&D Landfill
Permit No. 01-05
Phase 2 Cell A Subgrade Testing
JEI Project No. 419.00**

Dear Kent,

On November 11, 2003, a representative of Joyce Engineering, Inc. (JEI), visited the Coble Sandrock Construction and Demolition Debris Landfill to evaluate the base grades for the Phase 2, Cell A, area. As part of the base grade evaluation, JEI performed a general observation of the excavated base grades, visual classification of the soil used to construct the base grades, and field density testing of the subgrade.

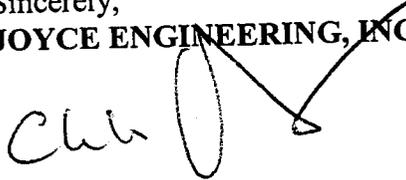
Excavation was required to obtain base grades for the Phase 2 Cell A area. Some portions of the excavated base grade consisted of coarse silty sands which might provide a preferential groundwater flow path. In accordance with the Construction Plan Application and the Alamance County Franchise Agreement for the facility, these materials were over excavated at least two feet, and replaced with suitable material compacted to a minimum of 95% of the maximum dry density as determined by a standard Proctor test.

Visual observation of the replacement materials indicate that they consist of a sandy CLAY (CL). Results of a one point proctor test indicate that the fill materials have a maximum dry density of 105.8 pounds per cubic foot and an optimum moisture content of 20.0%. Results of the field density testing (FDT) performed on the existing subgrade of Phase 2, Cell A, are attached and indicate that the replacement materials were generally compacted to a minimum of 95% of the maximum dry density as determined by a standard Proctor test. Some FDT results were less than the required dry density. However, these tests results are considered to be indicative of recent rain fall (i.e., there was standing water in portions of the cell area from the previous days rain) and the rough grading of the cell, and are not considered to indicate that the required minimum dry densities were not achieved.

Mr. Kent Coble
December 22, 2003
Page 2 of 2

If you have any questions concerning the results of the field density testing, please call me at your convenience. We appreciate the opportunity to continue to serve Coble's Sandrock.

Sincerely,
JOYCE ENGINEERING, INC.

A handwritten signature in black ink, appearing to read "Ch Hiner", with a large, stylized flourish extending from the end of the signature.

Charles Hiner, PE
Technical Consultant

Attachment

Cc: ✓ Tim Jewett, NCDENR
Rachel Kirkman, JEI
File



Waste Industry Experts

3

Henderson Building
Suite 203
2301 W Meadowview Rd
Greensboro, NC 27407

tel: 336/323-0092
fax: 336/323-0093

www.JoyceEngineering.com

November 19, 2003

Mr. Timothy A. Jewett, Western Area Engineer
North Carolina Department of Environment and Natural Resources
Division of Waste Management
585 Waughtown Street
Winston-Salem, North Carolina 27107

**Re: Coble's Sandrock C&D Landfill
Operations Plan Mulching Addendum
JEI Project No. 419.00 Task 07**

Dear Tim:

On behalf of Coble's Sandrock, we are enclosing four (4) copies of the Operation Plan Mulching Addendum for the above referenced facility. This addendum is intended to provide the information necessary to bring the C&D landfill facility's mulching operation into compliance with the Solid Waste Section.

Please do not hesitate to contact either Tom Herlihy or myself at (336) 323.0092 for clarification on any issues; we will be glad to assist you in any way possible in order to expedite your review. Thank you for your consideration in this matter.

Sincerely,
JOYCE ENGINEERING, INC.

Charles Hiner
Senior Project Engineer

Enclosures

C: Kent Coble, Coble's Sandrock

GENERAL

In accordance with North Carolina Solid Waste Management Rules, Joyce Engineering, Inc. (JEI) is submitting on behalf of Coble's Sandrock, Inc., this addendum to the Construction and Demolition Landfill's (C&D) Operation Plan. The C&D facility is located in south central Alamance County, North Carolina, approximately 8 miles south-southwest of Burlington. The property is owned by Coble's Sandrock, Inc., and is operated by Coble's Sandrock, Inc. Under Permit No. 01-05. The North Carolina Department of Environment and Natural Resources (NCDENR) granted to the owner site suitability for 39.60 acres of C&D waste disposal. NCDENR has also granted approval for construction and operation of a 5.85 acre cell, a 1.15-acre expansion, and currently a Permit to Construct two new cells totaling 5.86 acres (4.76 and 1.10). In addition on the approximate 160 acre property there is a closed LCID and a NCDENR notified LCID landfill.

OPERATIONS PLAN ADDENDUM

The information submitted here is an addendum to the Operation and Facility Plan submitted by JEI on behalf of Coble's Sandrock, Inc, to NCDENR in the Phase 2 Construction Plan Application dated June 2002. In particular this addendum is to clarify Section 3.15 of the report dealing with the facility's yardwaste and mulching operation. Coble Sandrock wishes to be able to divert incoming loads and existing materials of primarily yardwaste/woody debris from the facility's landfill and LCID through processing the material by size reduction into a mulch product for resale. Construction and demolition debris will not be ground/mulched at the site.

EQUIPMENT

In order to process the large volume of woody waste received at the C&D Landfill from two significant recent ice storm events, Coble Sandrock has purchased a Pro-Grind Model 5100 tub grinder (750 hp) and a Power Screen star screen.

PROCESS

All processing of material will be done inside the permitted 39.60 acres C&D landfill boundary. The material processing area consisting of the tub grinder, screener, raw material stockpile, and mulch storage will be done in the area between the Phase 1 C&D landfill and the closed LCID landfill as shown on the attached revised Site Development Plan Drawing #3. Incoming material will be temporally stockpiled in the area shown adjacent to the tub grinder. Stockpiles will be maintained and all materials will be moved in the process with existing landfill front-end loaders and dozers. Woody material and greenwaste will be brought to the tub grinder where the self-loading boom will be used to place material into the tub for size reduction/processing into mulch. Ground material will be moved from the tub grinder's discharge belt to the mulch storage windrows to await seasonal sales demand.

North Carolina
Department of Environment and Natural

Michael F. Easley, Governor
William G. Ross Jr., Secretary



WINSTON-SALEM REGIONAL OFFICE
Division of Waste Management
Solid Waste Section

May 20, 2003

Mr. Kent Coble
Coble's Sandrock, Inc.
5833 Foster's Store Road
Liberty, North Carolina 27298

Re: Coble's C&D Landfill
Solid Waste Permit No. 01-05

Dear Mr. Coble:

Enclosed please find a solid waste Permit to Construct and the accompanying conditions for the subject facility, issued in accordance with N.C.G.S. 130A-294 and the NC Solid Waste Management Rules. This permit is for the development of the Phase 2 disposal area at the facility. A Permit to Operate will be issued once Condition #11(a)-(f) of the permit are completed and all of the requirements and Alamance County Franchise Agreement are met. The Permit to Operate will be valid for a five year period from the date of issuance and should be attached to the enclosed conditions to replace the Permit to Construct.

Please review the conditions of permit carefully. If you have any questions or comments about the enclosed permit, please feel free to contact me at (336) 771-4608 ext. 204 or the Solid Waste Specialist for your area, Hugh Jernigan, at (336) 771-4608 ext. 206.

Sincerely,


Timothy A. Jewett
Western Area Engineer
Solid Waste Section

cc: Jim Coffey, SWS
Julian Foscue, SWS
Hugh Jernigan, SWS
Lee Henry, Trigon Engineering Consultants
**Raleigh Central Files: Coble's Sandrock, Inc. C&D Landfill, Alamance County,
Permit No. 01-05** C:\MYDOCU~1\PERMIT\C&D\COBLEC~1.DOC

North Carolina
Department of Environment and Natural Resources

Division of Waste Management

Michael F. Easley, Governor
William G. Ross Jr., Secretary
Dexter R. Matthews, Director



PERMIT NO. 01-05
ISSUED 30 SEPTEMBER 1998
MODIFIED 4 APRIL 2000 (Area Certifications)
MODIFIED 29 AUGUST 2000 (Area Certifications)
MODIFIED 24 JANUARY 2002 (1.15 acre addition)
AMENDMENT 20 MAY 2003 (PTC Phase 2)

SOLID WASTE PERMIT

COBLE'S SANDROCK, INC.

is hereby issued a PERMIT TO CONSTRUCT the PHASE 2 EXPANSION of a
CONSTRUCTION AND DEMOLITION LANDFILL

located on Foster's Store Road (SR 1113) one half mile east of Kimesville in Alamance 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 property deed included in the siting requirements and construction plan application referenced in Attachment 1.


James C. Coffey
Section Chief
Solid Waste Section

PERMIT NO. 01-05
ISSUED 30 SEPTEMBER 1998
MODIFIED 4 APRIL 2000 (Area Certifications)
MODIFIED 29 AUGUST 2000 (Area Certifications)
MODIFIED 24 JANUARY 2002 (1.15 acre addition)
AMENDMENT 20 MAY 2003 (PTC Phase 2)

COBLE'S SANDROCK, INC.

**SOLID WASTE PERMIT
CONSTRUCTION AND DEMOLITION LANDFILL**

CONDITIONS OF PERMIT:

General:

1. 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 Waste Management (the Division).
2. When this property is sold, leased, transferred or conveyed, the deed or other instrument of transfer shall contain in the 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 sanitary landfill.
3. This permit is for a period of five years as per 15A NCAC 13B .0201(c), according to the issuance date of the permit to operate. Modifications to the facility may be required in accordance with the rules in effect at the time of review. This facility may receive solid waste that is generated within a service area defined as 25 miles from the landfill as described in the Alamance County franchise agreement. The service area is further described in Appendix I of this document.
4. The approved plan for this facility is described in Attachment 1, "List of Documents for Approved Plan". Where discrepancies exist, the most recent submittal and these Conditions shall govern. Some components of the approved plan are reiterated in these Conditions.
5. This permit is not transferable.
6. A copy of this permit and the approved plan shall be maintained at the facility.
7. The owner/operator is responsible for obtaining any and all permits and approvals necessary for the development of this project including approval from appropriate agencies for a General or Individual NPDES Stormwater Discharge Permit.

Construction and Operation:

8. This permit is for the development of Phase 2 of the Coble's Construction and Demolition Landfill, totalling approximately 5.86 acres, within the approved facility description, in accordance with the approved plans (see Attachment 1). Development shall begin on the northern side of the facility and progress to the south.
9. This solid waste management facility is permitted to receive the following waste types:
 - a. Land-clearing debris as defined in G.S. 130A-290, specifically, solid waste that is generated solely from land-clearing activities, such as stumps, trees, etc.;
 - b. Inert debris defined as solid waste which consists solely of material that is virtually inert, such as brick, concrete, rock and uncontaminated soil;
 - c. Asphalt in accordance with G.S. 130A-294(m);
 - d. Construction and demolition debris defined as solid waste resulting solely from construction, remodeling, repair or demolition operations on pavement, buildings, or other structures;

Note: Yard trash defined as solid waste consisting solely of vegetative matter resulting from landscaping maintenance (see G.S. 130A-290) is banned from disposal in this facility as per NC General Statutes.

10. All sedimentation and erosion control measures will be conducted in accordance with the Sedimentation Control Act codified at 15 NCAC 4. Native vegetation shall be established on the completed landfill.
11. The following requirements shall be met prior to operation of this facility:
 - a. Coble's Sandrock, Inc. or its consultant shall provide documentation to the Division that the site preparation (grading, placement of fill if applicable, maintaining 4 feet separation between waste and groundwater, etc.) has occurred in accordance with the construction plan, the Alamance County Franchise Agreement compacted soil liner requirement, and the conditions specified herein.
 - b. The owner's geologist shall examine the cell excavation and note any pertinent geological features exposed during the construction process and shall notify the Solid Waste Section Hydrogeologist of these findings.
 - b. Site inspection shall be made by a representative of the Division.
 - c. Signs shall be posted at the facility in accordance with the Access and Safety Requirements under Operation Condition No. 12 listed below.
 - d. Surface water monitoring locations shall be established and groundwater monitoring wells (see Monitoring and Reporting Requirements) shall be installed. A baseline sampling event for background water quality shall be performed. Well construction

records and sampling analysis results shall be submitted to the Section Hydrogeologist for review and approval prior to operation (see Monitoring and Reporting Conditions below).

- e. Recordation procedures for the permit shall be implemented as described above in General Conditions Numbers 1 and 2.
 - f. A comprehensive Operations Plan shall be submitted to the Division in accordance with 15A NCAC 13B .0505.
12. Operation of the facility shall occur in accordance with the NC Solid Waste Management Rules 15A NCAC 13B .0505, "Operational Requirements for Sanitary Landfills", the approved Operations Plan, and the following specific conditions:

Waste Acceptance and Disposal

- a. The facility shall accept only those solid wastes which it is permitted to receive.
- b. No municipal solid waste, hazardous waste, or liquid waste shall be accepted for disposal.
- c. Waste shall be restricted to the smallest area feasible and compacted as densely as practical into cells.
- d. The permittee shall implement a program at the facility for detecting and preventing the disposal of unacceptable wastes. The program shall include, at a minimum:
 - i. Random inspections of incoming loads or other comparable procedures;
 - ii. Record keeping which documents these inspections;
 - iii. Training of personnel to recognize hazardous, liquid, and other unauthorized waste types;
 - iv. Development of a contingency plan to properly manage any identified hazardous or problem wastes; The plan must address identification, removal, storage, and final disposition of these wastes.

Cover Material Requirements

- e. Operational soil cover of at least six inches shall be placed at least once per week or when the active area reaches 1/2 acre in size or more often as necessitated by the nature of the waste so as to prevent the site from becoming a visual nuisance and to prevent fire, windblown materials, vectors or water infiltration.
- f. Areas which will not have additional waste placed on them for 12 months or more, but where final termination of operations has not occurred, shall be covered with a minimum of one foot of soil cover.
- g. After final termination of disposal operations at the site, or major part thereof, or upon revocation of a permit, the final cover system shall be installed.

Access and Safety

- h. The facility shall be adequately secured by means of gates, chains, berms, fences, or other security measures approved by the Division to prevent unauthorized entry.
- i. An attendant shall be on duty at the site at all times while it is open for public use to ensure compliance with operational requirements.
- j. The access road to the site shall be of all-weather construction and maintained in good condition.
- k. Dust control measures shall be implemented when necessary.
- l. Signs providing information on dumping procedures, the hours of operation, the permit number, the emergency contact, and other pertinent information shall be posted at the site entrance.
- m. Signs shall be posted stating that no MSW, hazardous waste or liquid waste can be received.
- n. Traffic signs or markers shall be provided as necessary to promote an orderly traffic pattern to and from the discharge area and to maintain efficient operating conditions.
- o. The removal of solid waste from the facility is prohibited unless the owner/operator approves and the removal is not performed on the working face.
- p. Barrels and drums shall not be disposed of unless they are empty and perforated sufficiently to ensure that no liquid or hazardous waste is contained therein.
- q. Open burning of solid waste is prohibited.
- r. The concentration of explosive gases generated at the facility shall not exceed:
 - i. twenty-five percent of the limit for gases in site structures (excluding gas control or recovery system components); and
 - ii. the lower explosive limit for gases at the facility boundary.

Erosion and Sedimentation Control

- s. Adequate sedimentation and erosion control measures shall be practiced to prevent silt from leaving the site.
- t. Adequate sedimentation and erosion control measures shall be practiced to prevent excessive on-site erosion.
- u. Provisions for a vegetative ground cover sufficient to restrain erosion must be accomplished within 30 working days or 120 calendar days upon completion of any phase of C&D landfill development.

Drainage Control and Water Protection Requirements

- v. Surface water shall be diverted from the operational area.
- w. Surface water shall not be impounded over or in waste.
- x. A separation distance of at least four feet shall be maintained between waste and the ground-water table.

- y. Solid waste shall not be disposed of in water.
 - z. Leachate shall be contained on site or properly treated prior to discharge. An NPDES permit may be required prior to discharge of leachate to surface waters.
13. Materials recovered from the C&D waste stream and from deconstruction of mobile homes on the working face shall be placed in six roll off containers specified in the revised operations plan. No stock piling of this material and no accumulation of containers is permitted. Containers shall be removed from the facility when full or weekly as determined by the fill rate and the limitation of containers at the workin face.
14. Metal and cardboard are approved for recalcation at the working face. If additional materials are to be reclaimed, please contact the Section for approval which may require modification to the permit and/or an application for C&D treatment and processing.
15. All pertinent landfill operating personnel will receive training and supervision necessary to carry out their duties and operate this landfill in a safe manner.
16. A closure and post-closure plan must be submitted for approval at least 90 days prior to closure or partial closure of any landfill unit. The plan must include all steps and measures necessary to close and maintain the facility in accordance with all rules in effect at that time. At a minimum, the plan shall address the following:
- a. Design of a final cover system;
 - b. Construction and maintenance/operation of the final cover system and erosion control structures;
 - c. Surface water, ground water, and explosive gas monitoring.

Monitoring and Reporting:

17. Ground water quality at this facility is subject to the classification and remedial action provisions referenced in Rule .0503 (2)(d) of 15A NCAC 13B. Water quality monitoring for the C&D landfill shall occur according to the following conditions:
- a. The permittee shall sample the monitoring wells semi-annually or as directed by the Division Hydrogeologist.
 - b. Monitoring well design and construction shall conform to the specifications outlined in Attachment 2, "North Carolina Water Quality Monitoring Guidance Document for Solid Waste Facilities."
 - c. Sampling equipment, procedures, and parameters shall conform to specifications outlined in the above-referenced guidance document, (Attachment 2), or the current guidelines established by the Division at the time of sampling.
 - d. A total of five monitoring well locations as illustrated in the approved plans (revised 28 October 2002) shall be established to monitor the facility.

- e. A geologist shall be in the field to supervise well installation. The exact locations, screened intervals, and nesting of the wells shall be established after consultation with the Division Hydrogeologist at the time of well installation.
 - f. Prior to the acceptance of any waste at the facility, a baseline sampling event shall be completed. The results of this sampling event shall be submitted to the Division Hydrogeologist in a timely manner (see Construction and Operation Condition 11(d)).
 - g. Well completion records and boring logs shall be submitted to The Division at the same time as the results of the initial sampling event or within 30 days upon completion of any new wells.
 - h. In order to determine ground-water flow directions and rates, each monitoring well shall be surveyed, and hydraulic conductivity values and effective porosity values shall be established for the screened intervals for each monitoring well.
 - i. A readily accessible unobstructed path shall be initially cleared and maintained so that four-wheel drive vehicles may access the monitoring wells at all times.
18. The permittee shall establish two locations for surface water sampling. Surface water shall be sampled and analyzed semi-annually according to the protocol and parameters required by the Division at the time of sampling.
19. The permittee shall maintain a record of all monitoring events and analytical data. Reports of the analytical data for each water quality monitoring sampling event (1.h. & 2.) shall be submitted to the Division in a timely manner.
20. Explosive gas monitoring shall be performed as needed to ensure compliance with the standards in Rule .0503 (2)(a).
21. The permittee shall maintain a record of the amount of solid waste (in tons) received at the facility and the amount of material reclaimed for recycling, compiled on a monthly basis. Scales shall be used to weigh the amount of waste received and recycled.
22. On or before 01 August (or an earlier date as requested by the Division) of each year, the permittee shall report the amount of waste received at this facility and disposed of in the landfill to the Division and to all counties from which waste was accepted, on forms prescribed by the Division. This report shall include the following information:
- a. The reporting period shall be for the previous year, beginning 01 July and ending on 30 June;
 - b. The amount of waste received and landfilled in tons, compiled on a monthly basis, according to Condition 5 described above; and
 - c. Documentation that a copy of the report has been forwarded to all counties from which waste was accepted.

23. All pertinent records and reports shall be maintained on site and made available to the Division upon request.

APPENDIX 1

APPROVED SERVICE AREA

COBLE'S SANDROCK, INC. CONSTRUCTION AND DEMOLITION LANDFILL

The following counties are listed in the service area for the referenced facility. The service area is defined as a 25 mile radius from the landfill and current customers located more than 25 miles from the facility that are grandfathered under the franchise agreement. Only counties from which the facility has previously taken waste are listed.

1. ALAMANCE
2. CABARRUS
3. CASWELL
4. CHATHAM
5. DAVIDSON
6. DURHAM
7. FORSYTH
8. GREENE
9. GUILFORD
10. LEE
11. ORANGE
12. RANDOLPH
13. ROCKINGHAM
14. WAKE

Scan Note

01-05

3-5-2003

5

3-31-03 9:10-AM

- I called Ms Argy.
- Discussed how she could view all records and data for Coble C+DLF
- She said. The phone call was sufficient & that a letter response was not necessary

L.R.

March 5, 2003



03 MAR 25 AM 10:29

RECEIVED/GEN. DIV. GROUNDWATER SECTION

Department of Environment, Health, and Natural Resources
Information Services
225 N. McDowell St. (Cotton Bldg.)
Raleigh, NC 27603

Dear Madam or Sir:

Re: Information on records of monitoring wells at private State permitted construction and demolition landfill.

I would like to find out details on how I go about inquiring as to the public records on monitoring wells at privately owned landfills in the State. Can I do this on-line, by mail or in-person?

Since, as neighbors to this facility, we have a right to know what is going into our groundwater I would like this information on how to check into this as quickly as possible. I can send a check if necessary to pay for any copying, etc.

Thank you,
Delores H. Arey
Delores H. Arey
6247 Kimesville Rd.
Liberty, NC 27298
(336) 565-4755

Self addressed stamped envelope is included in this for your convenience.

*Division of Waste Management
Solid Waste Section*

③

Alamarre Co. 01-05

2004

01052004



Central file 01-05

Waste Industry Experts

Henderson Building
Suite 203
2301 W Meadowview Rd
Greensboro, NC 27407

tel: 336/323-0092
fax: 336/323-0093

www.JoyceEngineering.com

Mr. Timothy A. Jewett
Western Area Engineer
NCDENR, Division of Waste Management-Solid Waste Section
585 Waughtown Street
Winston-Salem, NC 27107

**RE: Coble's Sandrock, Inc., C&D Landfill
Permit Modification for Cell B of the Phase 2 Expansion-Geologist Inspection
JEI Project No. 419.00, Task 11**

Dear Mr. Jewett,

As you are aware, Coble's Sandrock C&D Landfill Permit, No. 01-05, modified May 20, 2003, contains conditions that are required to be met prior to waste disposal in the expanded cell area. The purpose of this letter is to address two of those conditions for Cell B of the Phase 2 expansion.

Condition No. 11.a. states "*Coble's Sandrock, Inc. or its consultant shall provide documentation to the Division that the site preparation (grading, placement of fill if applicable, maintaining 4 feet separation between waste and groundwater, etc.) has occurred in accordance with the construction plan, the Alamance County Franchise Agreement compacted soil liner requirement, and conditions specified herein.*" Attachment 1 to this letter is a completed cell basegrade survey prepared by Trittech Civil Environmental, P.C., dated September 14, 2004. The seasonal high groundwater contours from our June 2002 C&D Landfill Construction Plan Application for the Phase 2 Cell B area have been superimposed on this survey plat to demonstrate that the finished grades are 4.0 + feet above the seasonal high water table. The soils testing were completed on September 24, 2004, the results of which were submitted to Tim Jewitt on October 6, 2004.

Condition No. 11.b. states "*The owner's geologist shall examine the cell excavation and note any pertinent geologic features exposed during the construction process and shall notify the Solid Waste Section Hydrogeologist of these findings prior to the placement of any liner materials.*" On October 7, 2004, I conducted an inspection of Cell B of the Phase 2 expansion area prior to the placement of C&D waste. The basegrade was well-prepared and exhibited no unusual geologic conditions that would be judged to impact the long-term stability of the subsoils, or potential flow of groundwater. Attachment 2 to this letter is a photograph of Cell B taken from the southeast corner of the cell during a site visit on October 4, 2004.

Mr. Timothy A. Jewett
October 7, 2004
Page 2 of 2

Please call Kent Coble (336-565-4750) or me (336-323-0092) with any questions, comments, or requests for additional information related to this permit modification. On behalf of Coble's Sandrock, Inc. we appreciate your assistance with this project.

Sincerely,
JOYCE ENGINEERING, INC.



David "Dusty" Y. Reedy II, P.G.
(NC # 1963)
Staff Geologist

Attachment: *Survey of Finished Basegrades w/ Groundwater Contours*
Photograph of Cell B of Phase 2 Expansion

Cc: Kent Coble, Coble's Sandrock
Hugh Jernigan, Solid Waste Section
Ellen B. Lorscheider, Solid Waste Section
Rachel P. Kirkman, P.G., JEI
Charles Hiner, P.E., JEI w/o attachment



2

North Carolina Department of Environment and Natural Resources

Dexter R. Matthews, Director

Division of Waste Management

Michael F. Easley, Governor
William G. Ross Jr., Secretary

October 1, 2004

Mr. Kent Coble
Coble's Sandrock, Inc.
5833 Foster's Store Road
Liberty, North Carolina 27298

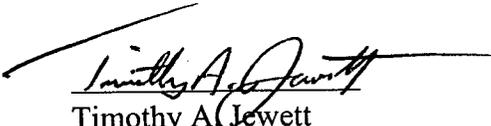
Re: Coble's C&D Landfill, Phase 2-Cell B Permit to Operate
Solid Waste Permit No. 01-05

Dear Mr. Coble:

Enclosed please find a solid waste Permit to Operate and the accompanying conditions for the subject facility, issued in accordance with N.C.G.S. 130A-294 and the NC Solid Waste Management Rules. This permit is for a five year period and is subject to review on or before 30 January 2009, based on the permit to operate issued on 30 January 2004 for Phase 2, Cell A. This modified permit to operate now includes approval for operations in Phase 2, Cell B. Note the additional condition number 24 that addresses the Operation Plan Mulching Addendum and the requirement to demonstrate at least a 75% removal rate of material per quarter. Please coordinate with the Waste Management Specialist, Hugh Jernigan, on the method and documentation necessary to satisfy this requirement.

Please review the conditions of permit carefully. If you have any questions or comments about the enclosed permit, please feel free to contact me at (336) 771-4608 ext. 204 or the Solid Waste Specialist for your area, Hugh Jernigan, at (336) 771-4608 ext. 206.

Sincerely,


Timothy A. Jewett
Western Area Engineer
Solid Waste Section

cc: Jim Barber, SWS
Brent Rockett, SWS
Hugh Jernigan, SWS
Charles Hiner, Joyce Engineering, Inc.
**Raleigh Central Files: Coble's Sandrock, Inc. C&D Landfill, Alamance County,
Permit No. 01-05**

1646 Mail Service Center, Raleigh, North Carolina 27699-1646
Phone 919-733-0692 \ FAX 919-733-4810 \ Internet <http://wastenotnc.org>



North Carolina Department of Environment and Natural Resources

Dexter R. Matthews, Director

Division of Waste Management

Michael F. Easley, Governor
William G. Ross Jr., Secretary

PERMIT NO. 01-05
ISSUED 30 SEPTEMBER 1998
MODIFIED 4 APRIL 2000 (Area Certifications)
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MODIFIED 24 JANUARY 2002 (1.15 acre addition)
AMENDMENT 20 MAY 2003 (PTC Phase 2)
AMENDMENT 30 JANUARY 2004 (PTO Phase 2, Cell A)
MODIFIED 1 OCTOBER 2004 (Phase 2, Cell B Certification)

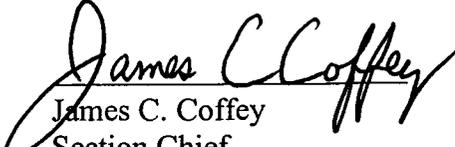
SOLID WASTE PERMIT

COBLE'S SANDROCK, INC.

is hereby issued a PERMIT TO OPERATE for PHASE 2, CELL A and CELL B of a

CONSTRUCTION AND DEMOLITION LANDFILL

located on Foster's Store Road (SR 1113) one half mile east of Kimesville in Alamance 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 property deed included in the siting requirements and construction plan application referenced in Attachment 1.


James C. Coffey
Section Chief
Solid Waste Section

1646 Mail Service Center, Raleigh, North Carolina 27699-1646
Phone 919-733-0692 \ FAX 919-733-4810 \ Internet <http://wastenotnc.org>

PERMIT NO. 01-05
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MODIFIED 1 OCTOBER 2004 (Phase 2, Cell B Certification)

COBLE'S SANDROCK, INC.

**SOLID WASTE PERMIT
CONSTRUCTION AND DEMOLITION LANDFILL**

CONDITIONS OF PERMIT:

General:

1. 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 Waste Management (the Division).
2. When this property is sold, leased, transferred or conveyed, the deed or other instrument of transfer shall contain in the 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 sanitary landfill.
3. This permit is for a period of five years as per 15A NCAC 13B .0201(c), and shall **expire on 30 January 2009**, according to the issuance date of this permit to operate. Modifications to the facility may be required in accordance with the rules in effect at the time of review. This facility may receive solid waste that is generated within a service area defined as 25 miles from the landfill as described in the Alamance County franchise agreement.
4. The approved plan for this facility is described in Attachment 1, "List of Documents for Approved Plan". Where discrepancies exist, the most recent submittal and these Conditions shall govern. Some components of the approved plan are reiterated in these Conditions.
5. This permit is not transferable.
6. A copy of this permit and the approved plan shall be maintained at the facility.
7. The owner/operator is responsible for obtaining any and all permits and approvals necessary for the development of this project including approval from appropriate agencies for a General or Individual NPDES Stormwater Discharge Permit.

Construction and Operation:

8. This permit is for the development of the Coble's Construction and Demolition Landfill, Cell 1 within the approved facility description, in accordance with the approved plans (see Attachment 1). Initial development shall begin on the southern side of the facility. Operation is approved for Cell 1 (Phase 1) and Phase 2, Cells A and B.
9. This solid waste management facility is permitted to receive the following waste types:
 - a. Land-clearing debris as defined in G.S. 130A-290, specifically, solid waste that is generated solely from land-clearing activities, such as stumps, trees, etc.;
 - b. Inert debris defined as solid waste which consists solely of material that is virtually inert, such as brick, concrete, rock and uncontaminated soil;
 - c. Asphalt in accordance with G.S. 130A-294(m);
 - d. Construction and demolition debris defined as solid waste resulting solely from construction, remodeling, repair or demolition operations on pavement, buildings, or other structures;

Note: Yard trash defined as solid waste consisting solely of vegetative matter resulting from landscaping maintenance (see G.S. 130A-290) is banned from disposal in this facility as per NC General Statutes.

10. All sedimentation and erosion control measures will be conducted in accordance with the Sedimentation Control Act codified at 15 NCAC 4. Native vegetation shall be established on the completed landfill.
11. The following requirements shall be met prior to operation of this facility:
 - a. Coble's Sandrock, Inc. or its consultant shall provide documentation to the Division that the site preparation (grading, placement of fill if applicable, maintaining 4 feet separation between waste and groundwater, etc.) has occurred in accordance with the construction plan and the conditions specified herein.
 - b. The owner's geologist shall examine the cell excavation and note any pertinent geological features exposed during the construction process and shall notify the Solid Waste Section Hydrogeologist of these findings.
 - b. Site inspection shall be made by a representative of the Division.
 - c. Signs shall be posted at the facility in accordance with the Access and Safety Requirements under Operation Condition No. 12 listed below.
 - d. Surface water monitoring locations shall be established and groundwater monitoring wells (see Monitoring and Reporting Requirements) shall be installed. A baseline sampling event for background water quality shall be performed. Well construction records and sampling analysis results shall be submitted to the Section Hydrogeologist for review and approval prior to operation (see Monitoring and Reporting Conditions below).

- e. Recordation procedures for the permit shall be implemented as described above in General Conditions Numbers 1 and 2.
 - f. A comprehensive Operations Plan shall be submitted to the Division in accordance with 15A NCAC 13B .0505.
12. Operation of the facility shall occur in accordance with the NC Solid Waste Management Rules 15A NCAC 13B .0505, "Operational Requirements for Sanitary Landfills", the approved Operations Plan, and the following specific conditions:

Waste Acceptance and Disposal

- a. The facility shall accept only those solid wastes which it is permitted to receive.
- b. No municipal solid waste, hazardous waste, or liquid waste shall be accepted for disposal.
- c. Waste shall be restricted to the smallest area feasible and compacted as densely as practical into cells.
- d. The permittee shall implement a program at the facility for detecting and preventing the disposal of unacceptable wastes. The program shall include, at a minimum:
 - i. Random inspections of incoming loads or other comparable procedures;
 - ii. Record keeping which documents these inspections;
 - iii. Training of personnel to recognize hazardous, liquid, and other unauthorized waste types;
 - iv. Development of a contingency plan to properly manage any identified hazardous or problem wastes; The plan must address identification, removal, storage, and final disposition of these wastes.

Cover Material Requirements

- e. Operational soil cover of at least six inches shall be placed at least once per week or when the active area reaches 1/2 acre in size or more often as necessitated by the nature of the waste so as to prevent the site from becoming a visual nuisance and to prevent fire, windblown materials, vectors or water infiltration.
- f. Areas which will not have additional waste placed on them for 12 months or more, but where final termination of operations has not occurred, shall be covered with a minimum of one foot of soil cover.
- g. After final termination of disposal operations at the site, or major part thereof, or upon revocation of a permit, the final cover system shall be installed.

Access and Safety

- h. The facility shall be adequately secured by means of gates, chains, berms, fences, or other security measures approved by the Division to prevent unauthorized entry.
- i. An attendant shall be on duty at the site at all times while it is open for public use to ensure compliance with operational requirements.

- j. The access road to the site shall be of all-weather construction and maintained in good condition.
- k. Dust control measures shall be implemented when necessary.
- l. Signs providing information on dumping procedures, the hours of operation, the permit number, the emergency contact, and other pertinent information shall be posted at the site entrance.
- m. Signs shall be posted stating that no MSW, hazardous waste or liquid waste can be received.
- n. Traffic signs or markers shall be provided as necessary to promote an orderly traffic pattern to and from the discharge area and to maintain efficient operating conditions.
- o. The removal of solid waste from the facility is prohibited unless the owner/operator approves and the removal is not performed on the working face.
- p. Barrels and drums shall not be disposed of unless they are empty and perforated sufficiently to ensure that no liquid or hazardous waste is contained therein.
- q. Open burning of solid waste is prohibited.
- r. The concentration of explosive gases generated at the facility shall not exceed:
 - i. twenty-five percent of the limit for gases in site structures (excluding gas control or recovery system components); and
 - ii. the lower explosive limit for gases at the facility boundary.

Erosion and Sedimentation Control

- s. Adequate sedimentation and erosion control measures shall be practiced to prevent silt from leaving the site.
- t. Adequate sedimentation and erosion control measures shall be practiced to prevent excessive on-site erosion.
- u. Provisions for a vegetative ground cover sufficient to restrain erosion must be accomplished within 30 working days or 120 calendar days upon completion of any phase of C&D landfill development.

Drainage Control and Water Protection Requirements

- v. Surface water shall be diverted from the operational area.
 - w. Surface water shall not be impounded over or in waste.
 - x. A separation distance of at least four feet shall be maintained between waste and the ground-water table.
 - y. Solid waste shall not be disposed of in water.
 - z. Leachate shall be contained on site or properly treated prior to discharge. An NPDES permit may be required prior to discharge of leachate to surface waters.
13. Materials recovered from the C&D waste stream and from deconstruction of mobile homes on the working face shall be placed in six roll off containers specified in the revised operations plan. No stock piling of this material and no accumulation of containers is permitted. Containers shall be removed from the facility when full or weekly as determined by the fill rate and the limitation of containers at the working face.

14. Metal and cardboard are approved for reclamation at the working face. If additional materials are to be reclaimed, please contact the Section for approval which may require modification to the permit and/or an application for C&D treatment and processing.
15. All pertinent landfill operating personnel will receive training and supervision necessary to carry out their duties and operate this landfill in a safe manner.
16. A closure and post-closure plan must be submitted for approval at least 90 days prior to closure or partial closure of any landfill unit. The plan must include all steps and measures necessary to close and maintain the facility in accordance with all rules in effect at that time. At a minimum, the plan shall address the following:
 - a. Design of a final cover system;
 - b. Construction and maintenance/operation of the final cover system and erosion control structures;
 - c. Surface water, ground water, and explosive gas monitoring.

Monitoring and Reporting:

17. Ground water quality at this facility is subject to the classification and remedial action provisions referenced in Rule .0503 (2)(d) of 15A NCAC 13B. Water quality monitoring for the C&D landfill shall occur according to the following conditions:
 - a. The permittee shall sample the monitoring wells semi-annually or as directed by the Division Hydrogeologist.
 - b. Monitoring well design and construction shall conform to the specifications outlined in Attachment 2, "North Carolina Water Quality Monitoring Guidance Document for Solid Waste Facilities."
 - c. Sampling equipment, procedures, and parameters shall conform to specifications outlined in the above-referenced guidance document, (Attachment 2), or the current guidelines established by the Division at the time of sampling.
 - d. A total of five monitoring well locations as illustrated in the approved plans shall be established to monitor the facility.
 - e. A geologist shall be in the field to supervise well installation. The exact locations, screened intervals, and nesting of the wells shall be established after consultation with the Division Hydrogeologist at the time of well installation.
 - f. Prior to the acceptance of any waste at the facility, a baseline sampling event shall be completed. The results of this sampling event shall be submitted to the Division Hydrogeologist in a timely manner (see Construction and Operation Condition 11(d)).
 - g. Well completion records and boring logs shall be submitted to The Division at the same time as the results of the initial sampling event or within 30 days upon completion of any new wells.

- h. In order to determine ground-water flow directions and rates, each monitoring well shall be surveyed, and hydraulic conductivity values and effective porosity values shall be established for the screened intervals for each monitoring well.
 - i. A readily accessible unobstructed path shall be initially cleared and maintained so that four-wheel drive vehicles may access the monitoring wells at all times.

- 18. The permittee shall establish two locations for surface water sampling. Surface water shall be sampled and analyzed semi-annually according to the protocol and parameters required by the Division at the time of sampling.

- 19. The permittee shall maintain a record of all monitoring events and analytical data. Reports of the analytical data for each water quality monitoring sampling event (1.h. & 2.) shall be submitted to the Division in a timely manner.

- 20. Explosive gas monitoring shall be performed as needed to ensure compliance with the standards in Rule .0503 (2)(a).

- 21. The permittee shall maintain a record of the amount of solid waste (in tons) received at the facility and the amount of material reclaimed for recycling, compiled on a monthly basis. Scales shall be used to weigh the amount of waste received and recycled.

- 22. On or before 01 August (or an earlier date as requested by the Division) of each year, the permittee shall report the amount of waste received at this facility and disposed of in the landfill to the Division and to all counties from which waste was accepted, on forms prescribed by the Division. This report shall include the following information:
 - a. The reporting period shall be for the previous year, beginning 01 July and ending on 30 June;
 - b. The amount of waste received and landfilled in tons, compiled on a monthly basis, according to Condition 5 described above; and
 - c. Documentation that a copy of the report has been forwarded to all counties from which waste was accepted.

- 23. All pertinent records and reports shall be maintained on site and made available to the Division upon request.

- 24. Mulching operations shall be done in accordance with the Operations Plan Addendum dated November 2003 as referenced in Attachment 1. The operator shall demonstrate a quarterly removal rate of 75% for processed material based on gate receipts. Excessive accumulation of unprocessed and processed material will be considered stock piling of waste outside of the landfill footprint and, at the discretion of the Waste Management Specialist, will be required to be placed in the C&D landfill.

PERMIT NO. 01-05
ISSUED 30 SEPTEMBER 1998
MODIFIED 4 APRIL 2000 (Area Certifications)
MODIFIED 29 AUGUST 2000 (Area Certifications)
MODIFIED 24 JANUARY 2002 (1.15 acre addition)
AMENDED 30 JANUARY 2004 (PTO Phase 2, Cell A)
MODIFIED 1 OCTOBER 2004 (Phase 2, Cell B Certification)

ATTACHMENT 1

List of Documents for the Approved Plan

The following documents are incorporated into the approved plan for Permit No. 01-05:

1. Revised document titled "Construction and Demolition Landfill Permit Application: Siting Requirements" submitted by Trigon Engineering Consultants, Inc. on 18 September 1998.
2. Revised document titled "Construction and Demolition Landfill Permit Application: Construction Plan Application" submitted by Trigon Engineering Consultants, Inc. on 4 September 1998.
3. Response to Technical review letter, submitted 18 September 1998 by Trigon Environmental Consultants, Inc. including a revised grading plan, revisions to the Water Quality Monitoring Plan, location of the 100 year Flood Plan elevation, and other information to satisfy permit requirements.
4. Certificate of Approval from the Division of Land Quality dated 14 September 1998 approving the Sediment and Erosion Control Plan for the facility (included with the letter described in Item No. 3 above).
5. Legal Description of the Facility (from Appendix A of the document listed in Item No. 1 above).
6. Survey dated September 30, 1998 from Moore & Ellis Registered Land Surveyors certifying base grades.
7. Survey dated December 3, 1998 from Trittech Civil Environmental, P.C. certifying base grades.
8. Survey dated April 21, 1999 from Trittech Civil Environmental, P.C. certifying base grades.
9. Survey dated October 22, 1999 from Trittech Civil Environmental, P.C. certifying base grades.
10. Survey dated December 13, 1999 from Trittech Civil Environmental, P.C. certifying base grades.

ATTACHMENT 1 (continued)

11. Survey dated June 30, 2000 from Trittech Civil Environmental, P.C. certifying base grades.
12. Document titled "Request for Modification to Construction and Demolition Debris Landfill Permit No. 01-05, Coble's Sandrock Alamance County, North Carolina," submitted by Joyce Engineering and dated 2 July 2001 with revisions dated 28 November 2001. This modification adds an additional 1.15 acres to the originally approved 5.85 acre footprint, bringing the total footprint to 7.0 acres (local government approval for this facility is for 7.0 acres) and adjusting the side slopes from 4:1 to 3.5:1.
13. Survey dated June 30, 2000 from Trittech Civil Environmental, P.C. showing fill grades and elevation certification for the 7.0 acre Cell 1 through January 30, 2002.
14. Revised document titled "Construction Plan Application, Phase 2 Expansion, Coble's Sandrock Construction and Demolition Debris Landfill" submitted by Joyce Engineering, Inc. on 10 June 2002 with revisions dated through May 2003.
15. Document dated 28 August 2003 from Joyce Engineering, Inc. and referencing "Phase 2 Expansion Permit Modification - Unit Specific Conditions Report" including well abandonment records, monitoring well installation records, base line sampling report for new MW-6 and MW-7, and related hydro-geological information.
16. Letter dated 19 November 2003 from Joyce Engineering, Inc. including an "Operation Plan Mulching Addendum" (2 pages) and a revised Drawing #3 showing the mulching operation area.
17. Letter dated 22 December 2003 from Joyce Engineering, Inc. to Kent Coble addressing subgrade testing as required by the franchise agreement with Alamance County for Phase 2 Cell A.
18. Letter dated 23 December 2003 from Joyce Engineering, Inc. providing geologist inspection and surveyed base grade certification from Trittech Civil Environmental, P.C. for Phase 2, Cell A.
19. Survey dated 14 September 2004 from Trittech Civil Environmental, P.C. certifying base grades for entire Phase 2, Cell B boundary and footprint.

APPENDIX 1

APPROVED SERVICE AREA

COBLE'S SANDROCK, INC. CONSTRUCTION AND DEMOLITION LANDFILL

The following counties are listed in the service area for the referenced facility. The service area is defined as a 25 mile radius from the landfill and current customers located more than 25 miles from the facility that are grandfathered under the franchise agreement. Only counties from which the facility has previously taken waste are listed.

1. ALAMANCE
2. CABARRUS
3. CASWELL
4. CHATHAM
5. DAVIDSON
6. DURHAM
7. FORSYTH
8. GREENE
9. GUILFORD
10. LEE
11. ORANGE
12. RANDOLPH
13. ROCKINGHAM
14. WAKE



North Carolina Department of Environment and Natural Resources

Dexter R. Matthews, Director

Division of Waste Management

Michael F. Easley, Governor
William G. Ross Jr., Secretary

January 30, 2004

Mr. Kent Coble
Coble's Sandrock, Inc.
5833 Foster's Store Road
Liberty, North Carolina 27298

Re: Coble's C&D Landfill, Phase 2-Cell A Permit to Operate
Solid Waste Permit No. 01-05

Dear Mr. Coble:

Enclosed please find a solid waste Permit to Operate and the accompanying conditions for the subject facility, issued in accordance with N.C.G.S. 130A-294 and the NC Solid Waste Management Rules. This permit is for a five year period and is subject to review on or before 30 January 2009. Note the additional condition number 24 that addresses the Operation Plan Mulching Addendum and the requirement to demonstrate at least a 75% removal rate of material per quarter. Please coordinate with the Waste Management Specialist, Hugh Jernigan, on the method and documentation necessary to satisfy this requirement.

Please review the conditions of permit carefully. If you have any questions or comments about the enclosed permit, please feel free to contact me at (336) 771-4608 ext. 204 or the Solid Waste Specialist for your area, Hugh Jernigan, at (336) 771-4608 ext. 206.

Sincerely,

Timothy A. Jewett
Western Area Engineer
Solid Waste Section

cc: Jim Coffey, SWS
Brent Rockett, SWS
Hugh Jernigan, SWS
Charles Hiner, Joyce Engineering, Inc.
Raleigh Central Files: Coble's Sandrock, Inc. C&D Landfill, Alamance County,
Permit No. 01-05

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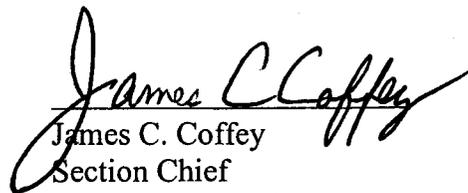
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SOLID WASTE PERMIT

COBLE'S SANDROCK, INC.

is hereby issued a PERMIT TO OPERATE the PHASE 2, CELL A EXPANSION of a
CONSTRUCTION AND DEMOLITION LANDFILL

located on Foster's Store Road (SR 1113) one half mile east of Kimesville in Alamance 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 property deed included in the siting requirements and construction plan application referenced in Attachment 1.


James C. Coffey
Section Chief
Solid Waste Section

1646 Mail Service Center, Raleigh, North Carolina 27699-1646
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COBLE'S SANDROCK, INC.

**SOLID WASTE PERMIT
CONSTRUCTION AND DEMOLITION LANDFILL**

CONDITIONS OF PERMIT:

General:

1. 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 Waste Management (the Division).
2. When this property is sold, leased, transferred or conveyed, the deed or other instrument of transfer shall contain in the 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 sanitary landfill.
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4. The approved plan for this facility is described in Attachment 1, "List of Documents for Approved Plan". Where discrepancies exist, the most recent submittal and these Conditions shall govern. Some components of the approved plan are reiterated in these Conditions.
5. This permit is not transferable.
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Note: Yard trash defined as solid waste consisting solely of vegetative matter resulting from landscaping maintenance (see G.S. 130A-290) is banned from disposal in this facility as per NC General Statutes.

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 - b. The owner's geologist shall examine the cell excavation and note any pertinent geological features exposed during the construction process and shall notify the Solid Waste Section Hydrogeologist of these findings.
 - b. Site inspection shall be made by a representative of the Division.
 - c. Signs shall be posted at the facility in accordance with the Access and Safety Requirements under Operation Condition No. 12 listed below.
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 - i. Random inspections of incoming loads or other comparable procedures;
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- i. An attendant shall be on duty at the site at all times while it is open for public use to ensure compliance with operational requirements.

- j. The access road to the site shall be of all-weather construction and maintained in good condition.
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- n. Traffic signs or markers shall be provided as necessary to promote an orderly traffic pattern to and from the discharge area and to maintain efficient operating conditions.
- o. The removal of solid waste from the facility is prohibited unless the owner/operator approves and the removal is not performed on the working face.
- p. Barrels and drums shall not be disposed of unless they are empty and perforated sufficiently to ensure that no liquid or hazardous waste is contained therein.
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- r. The concentration of explosive gases generated at the facility shall not exceed:
 - i. twenty-five percent of the limit for gases in site structures (excluding gas control or recovery system components); and
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 - x. A separation distance of at least four feet shall be maintained between waste and the ground-water table.
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 - z. Leachate shall be contained on site or properly treated prior to discharge. An NPDES permit may be required prior to discharge of leachate to surface waters.
13. Materials recovered from the C&D waste stream and from deconstruction of mobile homes on the working face shall be placed in six roll off containers specified in the revised operations plan. No stock piling of this material and no accumulation of containers is permitted. Containers shall be removed from the facility when full or weekly as determined by the fill rate and the limitation of containers at the working face.

14. Metal and cardboard are approved for reclamation at the working face. If additional materials are to be reclaimed, please contact the Section for approval which may require modification to the permit and/or an application for C&D treatment and processing.
15. All pertinent landfill operating personnel will receive training and supervision necessary to carry out their duties and operate this landfill in a safe manner.
16. A closure and post-closure plan must be submitted for approval at least 90 days prior to closure or partial closure of any landfill unit. The plan must include all steps and measures necessary to close and maintain the facility in accordance with all rules in effect at that time. At a minimum, the plan shall address the following:
 - a. Design of a final cover system;
 - b. Construction and maintenance/operation of the final cover system and erosion control structures;
 - c. Surface water, ground water, and explosive gas monitoring.

Monitoring and Reporting:

17. Ground water quality at this facility is subject to the classification and remedial action provisions referenced in Rule .0503 (2)(d) of 15A NCAC 13B. Water quality monitoring for the C&D landfill shall occur according to the following conditions:
 - a. The permittee shall sample the monitoring wells semi-annually or as directed by the Division Hydrogeologist.
 - b. Monitoring well design and construction shall conform to the specifications outlined in Attachment 2, "North Carolina Water Quality Monitoring Guidance Document for Solid Waste Facilities."
 - c. Sampling equipment, procedures, and parameters shall conform to specifications outlined in the above-referenced guidance document, (Attachment 2), or the current guidelines established by the Division at the time of sampling.
 - d. A total of five monitoring well locations as illustrated in the approved plans shall be established to monitor the facility.
 - e. A geologist shall be in the field to supervise well installation. The exact locations, screened intervals, and nesting of the wells shall be established after consultation with the Division Hydrogeologist at the time of well installation.
 - f. Prior to the acceptance of any waste at the facility, a baseline sampling event shall be completed. The results of this sampling event shall be submitted to the Division Hydrogeologist in a timely manner (see Construction and Operation Condition 11(d)).
 - g. Well completion records and boring logs shall be submitted to The Division at the same time as the results of the initial sampling event or within 30 days upon completion of any new wells.

PERMIT NO. 01-05
ISSUED 30 SEPTEMBER 1998
MODIFIED 4 APRIL 2000 (Area Certifications)
MODIFIED 29 AUGUST 2000 (Area Certifications)
MODIFIED 24 JANUARY 2002 (1.15 acre addition)
AMENDED 30 JANUARY 2004 (PTO Phase 2, Cell A)

ATTACHMENT 1

List of Documents for the Approved Plan

The following documents are incorporated into the approved plan for Permit No. 01-05:

1. Revised document titled "Construction and Demolition Landfill Permit Application: Siting Requirements" submitted by Trigon Engineering Consultants, Inc. on 18 September 1998.
2. Revised document titled "Construction and Demolition Landfill Permit Application: Construction Plan Application" submitted by Trigon Engineering Consultants, Inc. on 4 September 1998.
3. Response to Technical review letter, submitted 18 September 1998 by Trigon Environmental Consultants, Inc. including a revised grading plan, revisions to the Water Quality Monitoring Plan, location of the 100 year Flood Plan elevation, and other information to satisfy permit requirements.
4. Certificate of Approval from the Division of Land Quality dated 14 September 1998 approving the Sediment and Erosion Control Plan for the facility (included with the letter described in Item No. 3 above).
5. Legal Description of the Facility (from Appendix A of the document listed in Item No. 1 above).
6. Survey dated September 30, 1998 from Moore & Ellis Registered Land Surveyors certifying base grades.
7. Survey dated December 3, 1998 from Trittech Civil Environmental, P.C. certifying base grades.
8. Survey dated April 21, 1999 from Trittech Civil Environmental, P.C. certifying base grades.
9. Survey dated October 22, 1999 from Trittech Civil Environmental, P.C. certifying base grades.
10. Survey dated December 13, 1999 from Trittech Civil Environmental, P.C. certifying base grades.

ATTACHMENT 1 (continued)

11. Survey dated June 30, 2000 from Tritech Civil Environmental, P.C. certifying base grades.
12. Document titled "Request for Modification to Construction and Demolition Debris Landfill Permit No. 01-05, Coble's Sandrock Alamance County, North Carolina," submitted by Joyce Engineering and dated 2 July 2001 with revisions dated 28 November 2001. This modification adds an additional 1.15 acres to the originally approved 5.85 acre footprint, bringing the total footprint to 7.0 acres (local government approval for this facility is for 7.0 acres) and adjusting the side slopes from 4:1 to 3.5:1.
13. Survey dated June 30, 2000 from Tritech Civil Environmental, P.C. showing fill grades and elevation certification for the 7.0 acre Cell 1 through January 30, 2002.
14. Revised document titled "Construction Plan Application, Phase 2 Expansion, Coble's Sandrock Construction and Demolition Debris Landfill" submitted by Joyce Engineering, Inc. on 10 June 2002 with revisions dated through May 2003.
15. Document dated 28 August 2003 from Joyce Engineering, Inc. and referencing "Phase 2 Expansion Permit Modification - Unit Specific Conditions Report" including well abandonment records, monitoring well installation records, base line sampling report for new MW-6 and MW-7, and related hydro-geological information.
16. Letter dated 19 November 2003 from Joyce Engineering, Inc. including an "Operation Plan Mulching Addendum" (2 pages) and a revised Drawing #3 showing the mulching operation area.
17. Letter dated 22 December 2003 from Joyce Engineering, Inc. to Kent Coble addressing subgrade testing as required by the franchise agreement with Alamance County for Phase 2 Cell A.
18. Letter dated 23 December 2003 from Joyce Engineering, Inc. providing geologist inspection and surveyed base grade certification from Tritech Civil Environmental, P.C. for Phase 2, Cell A.

APPENDIX 1

APPROVED SERVICE AREA

COBLE'S SANDROCK, INC. CONSTRUCTION AND DEMOLITION LANDFILL

The following counties are listed in the service area for the referenced facility. The service area is defined as a 25 mile radius from the landfill and current customers located more than 25 miles from the facility that are grandfathered under the franchise agreement. Only counties from which the facility has previously taken waste are listed.

1. ALAMANCE
2. CABARRUS
3. CASWELL
4. CHATHAM
5. DAVIDSON
6. DURHAM
7. FORSYTH
8. GREENE
9. GUILFORD
10. LEE
11. ORANGE
12. RANDOLPH
13. ROCKINGHAM
14. WAKE

0105 Permit 2007 Box No. -

Alamance County 01-05

① 2007

01052007



North Carolina Department of Environment and Natural Resources

Dexter R. Matthews, Director

Division of Waste Management

Michael F. Easley, Governor
William G. Ross Jr., Secretary

July 3, 2007

Mr. G, Van Ness Burbach, P.G.
Joyce Engineering, Inc.
2301 West Meadowview Road,
Greensboro, NC 27407

RE: Volume 1, Section 1 – Site Suitability Report
Volume 1, Section 2 – Hydrogeologic Report for Coble's Sandrock, Inc.,
Construction and Debris Landfill – Phase 3A (6.3 acres), 3B (5.8 acres) Design
Study & and additional acreage for Site Suitability (114.4 acres)
Alamance County
Second Additional information request
Permit No. 01-05

Dear Mr. Burbach

The above referenced Hydrogeologic Report (Volume 1, Section 2) and Site Suitability Report (Volume I, Section 1) for the proposed additional 114.4 acres (including proposed phases 3A, 3B) Construction and Debris Landfill, submitted by Joyce Engineering, Inc., on behalf of Coble's Sandrock, Inc. is being reviewed by the Solid Waste Section (SWS). I requested additional information on June 15, 2006, pertaining mostly to the original Hydrogeologic Report (dated March 2006). I received a revised (June 2007) Hydrogeologic Report (Volume 1, Section 2) on June 6, 2007 and a revised Site Suitability Report on June 4, 2007. There are several items in the Hydrogeologic Report and Site Suitability Report that require clarification and/or revision before the hydrogeologic review can be completed. The review of the Construction Plan Application (Volume II) will proceed once items in the Hydrogeologic Report and Site Suitability Report are addressed. Please respond to the following questions and comments:

*Volume 1, Section 1 – Site Suitability Report
Drawing No. 03 – Proposed Facility Boundary & Waste Footprint*

This map depicts a private dwelling with a water supply well adjacent to the eastern property boundary. There is a 500 feet buffer radius drawn from the residence. A portion of this 500 feet buffer meets the proposed waste boundary, which is near the facility scale house. The water supply well associated with this private residence actually measures 465 feet from the southeastern portion of the proposed waste boundary. Please clarify the distance between this water supply well and the southeastern proposed waste boundary, and if necessary, modify the waste boundary to meet the 500 feet buffer requirement between water supply well(s) and waste boundary.

This map also depicts several structures and a decommissioned well within the proposed 200 feet buffer at the southwest portion of the property. What is the present status of these structures (abandoned, demolished, active) and the current use of the structures if active (i.e. part of the facility, residence, etc.)? Please modify waste boundary if necessary.

Also, modify this drawing to show locations of borings/piezometers/monitor wells that have been installed recently to coincide with the drawings included in the Hydrogeologic Report (Volume 1, Section 2).

*Volume 1, Section 1 – Site Suitability Report
Map 4 – Survey Plat of Property Boundaries and Facility Boundary*

The North arrow on this map is reversed compared to other maps and drawings in the Report. Please modify.

*Volume 1, Section 1 – Site Suitability Report
Drawing No. 03 – Proposed Facility Boundary & Waste Footprint
Volume 1, Section 2 – Hydrogeologic Report
Drawings DH-2 through DH-6*

Drawings DH-2, through DH-6 in the Hydrogeologic Report depict a larger facility boundary and more total acreage (182.2 acres) when compared to the facility boundary shown on Drawing No. 3 (154.0 total acres) in the Site Suitability Report. Modify the drawings in the Hydrogeologic Report to have the same facility boundary and acreage as depicted on Drawing No. 3

*Volume 1, Section 2 – Hydrogeologic Report
Section 4.0 Groundwater Monitoring Plan*

Section 4.1 of Page 18 states in-part: *“The plan complies with Section .0600 of the North Carolina Solid Waste Management Rules, which specifies the requirements for groundwater and surface water monitoring at C and D landfills”*.
Please revise portions of the Groundwater Monitoring Plan to reflect and adhere to the new C&D rules (.0544).

Mr. G. Van Ness Burbach, P.G.
Coble's Sandrock C&D landfill expansion, Site Suitability, Hydro Report
Additional Information Request - 2
Page 3 of 3

Please note the comments and questions stated above and provide additional information and revisions as needed. If you and your staff have any questions, or wish to schedule a meeting to discuss the items referenced in this letter, please call me at 919-508-8524.

Sincerely,



Brian Wootton
Hydrogeologist
Solid Waste Section

cc: Ed Mussler
Evan Andrews, P.E.
Central File

Solid Waste Section
Joyce Engineering, Inc.