

State of North Carolina
Department of Environment,
Health and Natural Resources
Raleigh Regional Office

James B. Hunt, Jr., Governor
Jonathan B. Howes, Secretary
Boyce A. Hudson, Regional Manager

LCIDN33-E Permit Barnhill
Contracting-APCO



DIVISION OF SOLID WASTE MANAGEMENT
October 15, 1993

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

Mr. Allen Barnhill, Vice President
Barnhill Contracting Company
P.O. Box 1529
Tarboro, NC 27886



Dear Mr. Barnhill:

This is a follow up to a conversation that we had on Wednesday, October 13th, 1993, regarding your demolition landfill located near Tarboro.

In order for the landfill to be brought into compliance the following must be done:

Remove waste from pond and bank. This waste material can then be deposited in the landfill in a location away from contact with water.

Remove any waste for which the facility is not permitted.

Install a more substantial gate at the entrance to the disposal area.

This should be completed within 30 days of the receipt of this letter.

Thank you for meeting me on the site.

If you have any further questions, please call me at (919) 571-4700.

Sincerely,

Ben Barnes

Ben Barnes
Environmental Technician

cc: Terry Dover
Dexter Matthews
central files (demolition landfills)
Boyce Hudson



January 14, 1993

Ms. Sherri C. Hoyt
Environmental Engineer
Solid Waste Section
State of North Carolina
Department of Environment, Health
and Natural Resources
P.O.Box 27687
Raleigh, North Carolina 27611-7687

Re: APCO Demolition Landfill
Edgecombe County
Permit No. 33-E

Dear Ms. Hoyt:

As per General Condition 1 of the above referenced permit, we are respectfully enclosing the certified copy of the Solid Waste Permit with the required information on the front cover.

We appreciate your cooperation concerning this matter and should you require any additional information, please do not hesitate to contact us.

Yours very truly,

BARNHILL CONTRACTING COMPANY

A handwritten signature in cursive script that reads "Allen Barnhill".

Allen Barnhill
Vice President

AB/hws

CERTIFIED COPY OF SOLID WASTE PERMIT



I do hereby certify that the attached PERMIT is an exact and true copy of Permit No. 33-E.

James C Coffey
James C. Coffey, Supervisor
Permitting Branch
Solid Waste Section

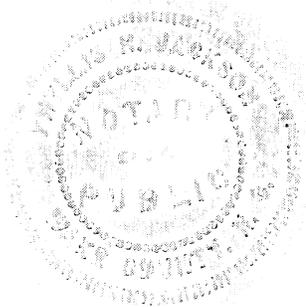
North Carolina

Wake County

I, Phyllis H. Jackson, a Notary Public for said County and State, do hereby certify that James C. Coffey, Supervisor, Permitting Branch, Solid Waste Section, personally appeared before me this day and acknowledged the due execution of the foregoing instrument.

Witness my hand and official seal, this the 4th day of January, 199³2.

OFFICIAL SEAL



Phyllis H. Jackson
NOTARY PUBLIC

My commission expires October 9th, 1994.

NORTH CAROLINA, EDGECOMBE COUNTY

The foregoing certificate(s) of Phyllis H. Jackson,
a Notary Public (is) (are)
certified to be correct. This instrument was presented for registration and recorded in Book 1095
Page 372 this the 7th day of January, 19 93 at 9:25 o'clock A M.
Gladys Shelton Pitt, Register of Deeds By Bettie B. Bodiford
Asst. Deputy

BOOK 1095 PAGE 372

372
(over)

PERMIT NO. 33-E
DATE ISSUED 12/31/92

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

P.O. BOX 27687

RALEIGH, NC 27611

S O L I D W A S T E P E R M I T

Barnhill Contracting Company

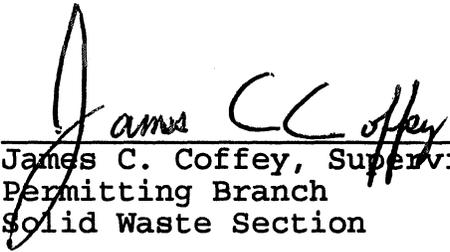
is hereby issued a permit to construct and operate a

DEMOLITION LANDFILL

located

Off SR 1518, North of Tarboro, Edgecombe County, NC

in accordance with Article 9, Chapter 130A, of the General Statutes of North Carolina and all rules promulgated thereunder and subject to the conditions set forth in this permit. The facility is located and described by the legal description of the site on the attached sheet.


James C. Coffey, Supervisor
Permitting Branch
Solid Waste Section

BEGINNING at a point on the western bank of Tar River, northeast of the Town of Tarboro, a common corner of the land of Roscoe N. Ellis and the land of W. S. Clark and Sons, Inc., also the eastern end of an agreed line between Roscoe N. Ellis, W. S. Clark and Sons, Inc., and Lenwood Earl Dixon, an iron stake being in said line approximately 8 feet from the bank of Tar River, thence from the point of beginning and with said agreed line through the iron stake, South $42^{\circ} 55'$ West 1795.75 feet to a point in the dividing line between Roscoe N. Ellis and Lenwood Earl Dixon cornering, thence along a new line through the land of Roscoe N. Ellis, the following courses and distances: S. $42^{\circ} 55'$ W. 1795.75 feet; N. $44^{\circ} 46' 30''$ W. 534.47 feet; S. $42^{\circ} 55'$ W. 1100.00 feet; S. $69^{\circ} 23'$ E. 381.14 feet; S. $82^{\circ} 10' 10''$ E. 811.11 feet; S. $74^{\circ} 32' 50''$ E. 398.97 feet; S. $23^{\circ} 08' 30''$ West 24.19 feet; S. $82^{\circ} 03' 45''$ W. 880.95 feet; S. $62^{\circ} 51' 30''$ E. 305.12 feet; S. $55^{\circ} 59' 30''$ E. 186.12 feet; S. $41^{\circ} 14' 00''$ E. 133.37 feet; S. $17^{\circ} 12' 00''$ E. 101.18 feet; N. $81^{\circ} 56' 00''$ E. 650.35 feet; S. $14^{\circ} 07' 00''$ W. 527.30 feet; S. $12^{\circ} 34' 20''$ W. 981.14 feet; S. $2^{\circ} 19' 50''$ W. 394.46 feet; S. $57^{\circ} 45' 50''$ W. 288.38 feet; N. $67^{\circ} 21' 00''$ W. 205.34 feet; N. $48^{\circ} 20' 00''$ W. 299.38 feet; N. $22^{\circ} 24' 30''$ W. 255.89 feet; N. $33^{\circ} 42' 30''$ W. 262.85 feet; N. $56^{\circ} 48' 00''$ W. 87.28 feet; N. $82^{\circ} 49' 00''$ W. 83.25 feet; S. $76^{\circ} 45' 30''$ W. 166.68 feet; S. $68^{\circ} 09' 15''$ W. 214.90 feet; N. $45^{\circ} 33' 45''$ W. 277.80 feet; N. $29^{\circ} 00' 15''$ W. 220.34 feet; N. $44^{\circ} 19' 45''$ E. 335.29 feet; N. $16^{\circ} 32' 15''$ W. 398.44 feet; N. $35^{\circ} 01' 25''$ W. 164.25 feet; S. $54^{\circ} 58' 35''$ W. 48.02 feet to a point, thence continuing along said line 20 feet to the bank of Tar River, thence down Tar River 1028.50 feet, more or less, to the point of beginning, containing 110 acres, more or less.

Together with a right-of-way easement for use as a roadway and means of access to and from the county road to said tract of land described as follows: BEGINNING at the southwest corner of said tract in the dividing line between Roscoe N. Ellis and Lenwood Earl Dixon, thence with the Dixon line South $42^{\circ} 55'$ West 727.85 feet to a point cornering, thence a new line North $46^{\circ} 30'$ West 60 feet to a point cornering, thence North $42^{\circ} 55'$ East 727.85 feet to a point in the line of the above described tract, thence South $46^{\circ} 30'$ East 60 feet to the point of beginning in the Dixon line.

SAVE AND EXCEPT all crop allotments which may be assigned to said lands above described, which are reserved to the grantors, their heirs and assigns,

PERMIT NUMBER 33-E
DATE ISSUED 12/31/92

Barnhill Contracting Company - Apco Pit Demolition Landfill

S O L I D W A S T E P E R M I T
(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, in the grantor index under the name of the owner of the land in the county or counties in which the land is located. After recordation, the certified copy shall be returned to the Solid Waste Section and shall have indicated on it the page and book number, date of recordation, and the Register's seal.
2. When this property is sold, leased, conveyed or transferred, 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 shall not be effective unless and until an Amendment to Mining Permit, allowing demolition fill in this area, is obtained from the Division of Land Resources.
4. This solid waste disposal site is permitted to receive the following waste types:
 - a. Yard trash as defined in G.S. 130A-290, specifically, solid waste consisting solely of vegetative matter resulting from landscaping maintenance, such as leaves, grass, limbs, trimmings, etc.;
 - b. Land-clearing debris as defined in G.S. 130A-290, specifically, solid waste which is generated solely from land-clearing activities, such as stumps, trees, etc.;
 - c. Inert debris defined as solid waste which consists solely of material that is virtually inert, such as brick, concrete, rock and clean soil; and
 - d. Asphalt in accordance with G.S. 130-294(m).

CONSTRUCTION

1. This permit is for construction of a demolition landfill in accordance with the approved plan and as specified herein:
 - a. The areas approved for demolition fill are Areas B and H as indicated on the plan drawings. Development of subsequent phases shall require the permittee to submit an application for an amendment to permit to the Division of Solid Waste Management (DSWM).
 - b. Final contours shall promote adequate drainage in order to prevent ponding of water over the disposal area.
 - c. A minimum buffer of fifty feet shall be maintained between the waste disposal area and adjoining property.
 - d. A minimum buffer of fifty feet shall be maintained between the waste disposal area and the proposed wetland areas. (Note: This will eliminate portions of Areas C and G from any fill activity.)
 - e. No solid waste shall be placed within the 100-year flood plain.

2. The following conditions shall be met prior to receiving solid waste at the site:
 - a. Site preparation shall be in accordance with the construction plan.
 - b. Site inspection shall be made by a representative of the Division of Solid Waste Management.
 - c. A sign shall be posted at the facility entrance showing the contact name and telephone number, in case of emergency, and the facility permit number.
 - d. An Amendment to Mining Permit for the site, allowing demolition fill in the planned disposal area, must be obtained from The Division of Land Resources.
 - e. The permit is recorded in accordance with the procedures outlined in General Condition No.'s 1 and 2.

OPERATION

1. This facility shall conform to the following operating procedures:
 - a. The facility shall accept only those solid wastes in which it is permitted to receive, specifically, those listed in General Condition No. 4.
 - b. Solid Waste shall be restricted to the smallest area feasible and compacted as densely as practical. The active area shall not exceed one (1) acre in size.
 - c. Adequate soil cover, a minimum of 6-inch layer, shall be applied monthly, or when the active area reaches one (1) acre in size.

(Area) 576

Conditions of Permit

Page 3

- d. Within six months after completion of any phase of disposal operations, or upon revocation of the permit, the disposal area shall be covered with a minimum of one foot of suitable cover sloped to allow surface water runoff in a controlled manner and seeded with native grasses or other suitable vegetation.
 - e. Adequate erosion control measures shall be utilized to prevent silt from leaving the site and to prevent excessive on-site erosion.
 - f. The facility shall be adequately secured by means of gates, chains, berms, fences, etc., to prevent unauthorized access except while an operator is on duty. An attendant shall be on duty at all times while the landfill is open for public use to assure compliance with operational requirements and to prevent acceptance of unauthorized wastes.
 - g. Surface water shall be diverted away from the working face and shall not be impounded over waste.
 - h. Solid waste shall not be disposed of in water.
 - i. A minimum separation distance of four feet shall be maintained between the bottom elevation of waste and the seasonal high water table.
 - j. Open burning of solid waste is prohibited.
2. Ground water quality at this facility is subject to the classification and remedial action provisions of 15 NCAC 2L.
 3. All earth-disturbing activities shall be conducted in accordance with the Sedimentation Control Rules, codified at 15 NCAC 4.

APPIAN CONSULTING ENGINEERS, P.A.
CIVIL AND MUNICIPAL ENGINEERS
POST OFFICE BOX 7966
ROCKY MOUNT, NORTH CAROLINA 27804-0966

Central file
Barnhill Construction
(Apco Pit) Demo LF
Permit # 33-E
Edgecombe Co.

BOBBY L. JOYNER, P.E.

January 7, 1993

841 S. WESLEYAN BLVD.
TELEPHONE (919) 972-7703
972-7638



Mr. Tracy Davis, EIT
NCDEH & Natural Resources
Division of Land Resources
P.O. Box 27687
Raleigh, NC 27611-7687

RE: Mining Permit No. 33-15
Edgecombe County

Dear Mr. Davis:

You may recall that in mid 1991 we modified the above captioned Permit and at the same time we were in the process of obtaining a Solid Waste Permit to reclaim the areas noted as B and H as demolition landfill. As you are aware two State Permits are required, one Mining Permit and one Solid Waste Permit. The Mining Permit was renewed July 1, 1991 and it did not outline area B and H as demolition landfill areas. While in the process of getting the Mining Permit renewed we were also in the process of obtaining a Solid Waste Permit. We received our Solid Waste Permit December 31, 1992.

In order for the Solid Waste Permit to become effective, we must amend the Mining Permit once again. We are requesting that you amend the existing Mining Permit No. 33-15 in order that we may use area B and H as a demolition landfill that meets the requirements outlined in the Division of Solid Waste Management Permit No. 33-E.

Enclosed is a \$100 check to cover the major modification non-refundable Permit application fee.

If you have any questions, please contact this office at (919) 972-7703.

Sincerely,

J. Michael Stocks, EIT

JMS/sd

cc: Sherri Hoyt
Allen Barnhill
file

attachments

Cheryl,
Barnhill has several
demo landfills in
Edgecombe, so be
careful filing.
This one is the Apco
Pit - # 33-E

504

CF
33-E
Edgecombe Co



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

James G. Martin, Governor
William W. Cobey, Jr., Secretary

William L. Meyer
Director

December 31, 1992

Mr. Allen Barnhill
Barnhill Contracting Company., Inc.
P. O. Box 1529
Tarboro, NC 27886

Re: Apco Demolition Landfill
Edgecombe County
Permit No. 33-E

Dear Mr. Barnhill:

Enclosed is a Solid Waste Permit, Conditions of Permit, and a certified copy of the permit for the referenced facility. Please note General Condition No. 1 which describes the recordation procedures which must be followed in order for the permit to become effective. General Condition No. 4, requiring an amendment to mining permit, must also be met in order for the permit to be effective.

If you have any questions or need additional information, please contact me at (919) 733-0692, or you may contact Bob Harding, Waste Management Specialist, at (919) 571-4700.

Sincerely,

A handwritten signature in cursive script that reads "Sherri C. Hoyt".

Sherri C. Hoyt
Environmental Engineer
Solid Waste Section

Enclosures

cc: Michael Stocks, Appian Consulting Engineers
Terry Dover
Bob Harding

PERMIT NO. 33-E
DATE ISSUED 12/31/92

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

P.O. BOX 27687

RALEIGH, NC 27611

S O L I D W A S T E P E R M I T

Barnhill Contracting Company

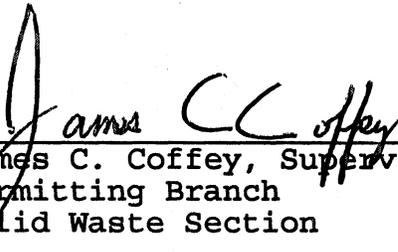
is hereby issued a permit to construct and operate a

DEMOLITION LANDFILL

located

Off SR 1518, North of Tarboro, Edgecombe County, NC

in accordance with Article 9, Chapter 130A, of the General Statutes of North Carolina and all rules promulgated thereunder and subject to the conditions set forth in this permit. The facility is located and described by the legal description of the site on the attached sheet.



James C. Coffey, Supervisor
Permitting Branch
Solid Waste Section

BEGINNING at a point on the western bank of Tar River, northeast of the Town of Tarboro, a common corner of the land of Roscoe N. Ellis and the land of W. S. Clark and Sons, Inc., also the eastern end of an agreed line between Roscoe N. Ellis, W. S. Clark and Sons, Inc., and Lenwood Earl Dixon, an iron stake being in said line approximately 8 feet from the bank of Tar River, thence from the point of beginning and with said agreed line through the iron stake, South 42° 55' West 1795.75 feet to a point in the dividing line between Roscoe N. Ellis and Lenwood Earl Dixon cornering, thence along a new line through the land of Roscoe N. Ellis, the following courses and distances: S. 42° 55' W. 1795.75 feet; N. 44° 46' 30" W. 534.47 feet; S. 42° 55' W. 1100.00 feet; S. 69° 23' E. 381.14 feet; S. 82° 10' 10" E. 811.11 feet; S. 74° 32' 50" E. 398.97 feet; S. 23° 08' 30" West 24.19 feet; S. 82° 03' 45" W. 880.95 feet; S. 62° 51' 30" E. 305.12 feet; S. 55° 59' 30" E. 186.12 feet; S. 41° 14' 00" E. 133.37 feet; S. 17° 12' 00" E. 101.18 feet; N. 81° 56' 00" E. 650.35 feet; S. 14° 07' 00" W. 527.30 feet; S. 12° 34' 20" W. 981.14 feet; S. 2° 19' 50" W. 394.46 feet; S. 57° 45' 50" W. 288.38 feet; N. 67° 21' 00" W. 205.34 feet; N. 48° 20' 00" W. 299.38 feet; N. 22° 24' 30" W. 255.89 feet; N. 33° 42' 30" W. 262.85 feet; N. 56° 48' 00" W. 87.28 feet; N. 82° 49' 00" W. 83.25 feet; S. 76° 45' 30" W. 166.68 feet; S. 68° 09' 15" W. 214.90 feet; N. 45° 33' 45" W. 277.80 feet; N. 29° 00' 15" W. 220.34 feet; N. 44° 19' 45" E. 335.29 feet; N. 16° 32' 15" W. 398.44 feet; N. 35° 01' 25" W. 164.25 feet; S. 54° 58' 35" W. 48.02 feet to a point, thence continuing along said line 20 feet to the bank of Tar River, thence down Tar River 1028.50 feet, more or less, to the point of beginning, containing 110 acres, more or less.

Together with a right-of-way easement for use as a roadway and means of access to and from the county road to said tract of land described as follows: BEGINNING at the southwest corner of said tract in the dividing line between Roscoe N. Ellis and Lenwood Earl Dixon, thence with the Dixon line South 42° 55' West 727.85 feet to a point cornering, thence a new line North 46° 30' West 60 feet to a point cornering, thence North 42° 55' East 727.85 feet to a point in the line of the above described tract, thence South 46° 30' East 60 feet to the point of beginning in the Dixon line.

SAVE AND EXCEPT all crop allotments which may be assigned to said lands above described, which are reserved to the grantors, their heirs and assigns,

PERMIT NUMBER 33-E
DATE ISSUED 12/31/92

Barnhill Contracting Company - Apco Pit Demolition Landfill

S O L I D W A S T E P E R M I T
(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, in the grantor index under the name of the owner of the land in the county or counties in which the land is located. After recordation, the certified copy shall be returned to the Solid Waste Section and shall have indicated on it the page and book number, date of recordation, and the Register's seal.
2. When this property is sold, leased, conveyed or transferred, 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 shall not be effective unless and until an Amendment to Mining Permit, allowing demolition fill in this area, is obtained from the Division of Land Resources.
4. This solid waste disposal site is permitted to receive the following waste types:
 - a. Yard trash as defined in G.S. 130A-290, specifically, solid waste consisting solely of vegetative matter resulting from landscaping maintenance, such as leaves, grass, limbs, trimmings, etc.;
 - b. Land-clearing debris as defined in G.S. 130A-290, specifically, solid waste which is generated solely from land-clearing activities, such as stumps, trees, etc.;
 - c. Inert debris defined as solid waste which consists solely of material that is virtually inert, such as brick, concrete, rock and clean soil; and
 - d. Asphalt in accordance with G.S. 130-294(m).

CONSTRUCTION

1. This permit is for construction of a demolition landfill in accordance with the approved plan and as specified herein:
 - a. The areas approved for demolition fill are Areas B and H as indicated on the plan drawings. Development of subsequent phases shall require the permittee to submit an application for an amendment to permit to the Division of Solid Waste Management (DSWM).
 - b. Final contours shall promote adequate drainage in order to prevent ponding of water over the disposal area.
 - c. A minimum buffer of fifty feet shall be maintained between the waste disposal area and adjoining property.
 - d. A minimum buffer of fifty feet shall be maintained between the waste disposal area and the proposed wetland areas. (Note: This will eliminate portions of Areas C and G from any fill activity.)
 - e. No solid waste shall be placed within the 100-year flood plain.

2. The following conditions shall be met prior to receiving solid waste at the site:
 - a. Site preparation shall be in accordance with the construction plan.
 - b. Site inspection shall be made by a representative of the Division of Solid Waste Management.
 - c. A sign shall be posted at the facility entrance showing the contact name and telephone number, in case of emergency, and the facility permit number.
 - d. An Amendment to Mining Permit for the site, allowing demolition fill in the planned disposal area, must be obtained from The Division of Land Resources.
 - e. The permit is recorded in accordance with the procedures outlined in General Condition No.'s 1 and 2.

OPERATION

1. This facility shall conform to the following operating procedures:
 - a. The facility shall accept only those solid wastes in which it is permitted to receive, specifically, those listed in General Condition No. 4.
 - b. Solid Waste shall be restricted to the smallest area feasible and compacted as densely as practical. The active area shall not exceed one (1) acre in size.
 - c. Adequate soil cover, a minimum of 6-inch layer, shall be applied monthly, or when the active area reaches one (1) acre in size.

Conditions of Permit

Page 3

- d. Within six months after completion of any phase of disposal operations, or upon revocation of the permit, the disposal area shall be covered with a minimum of one foot of suitable cover sloped to allow surface water runoff in a controlled manner and seeded with native grasses or other suitable vegetation.
 - e. Adequate erosion control measures shall be utilized to prevent silt from leaving the site and to prevent excessive on-site erosion.
 - f. The facility shall be adequately secured by means of gates, chains, berms, fences, etc., to prevent unauthorized access except while an operator is on duty. An attendant shall be on duty at all times while the landfill is open for public use to assure compliance with operational requirements and to prevent acceptance of unauthorized wastes.
 - g. Surface water shall be diverted away from the working face and shall not be impounded over waste.
 - h. Solid waste shall not be disposed of in water.
 - i. A minimum separation distance of four feet shall be maintained between the bottom elevation of waste and the seasonal high water table.
 - j. Open burning of solid waste is prohibited.
2. Ground water quality at this facility is subject to the classification and remedial action provisions of 15 NCAC 2L.
 3. All earth-disturbing activities shall be conducted in accordance with the Sedimentation Control Rules, codified at 15 NCAC 4.

APPIAN CONSULTING ENGINEERS, P.A.
CIVIL AND MUNICIPAL ENGINEERS
POST OFFICE BOX 7966
ROCKY MOUNT, NORTH CAROLINA 27804-0966

BOBBY L. JOYNER, P.E.

August 20, 1992

Ms. Sherri Hoyt
Div. of Solid Waste Management
P.O. Box 27687
Raleigh, NC 27611-7687

RE: Proposed Demolition Landfill Permit
APCO Pit, Edgecombe County

Dear Ms. Hoyt:

As discussed with you Thursday, August 20, 1992 we would greatly appreciate a prompt review of the above referenced project. The project has basically been inactive now for ten months and I believe both Barnhill Contracting Co. and I have been very patient. I have understood the fact that you are trying to review Permits from all across the State but please understand that with each day that continues to pass Barnhill loses time and money because they are not allowed to use this proposed demolition pit, not to mention the money they have paid us for the service of obtaining the Permit. A service we have not been able to provide for them.

Please continue your review and let me know of the status at your earliest convenience. Give me a call at 919-972-7703.

Sincerely,

J. Michael Stocks

J. Michael Stocks, EIT

JMS/sd

cc: file



Fax #: (919) 972-7638
Telephone: (919) 972-7703

LETTER OF TRANSMITTAL

APPIAN CONSULTING ENGINEERS

841 S. Wesleyan Blvd.
P.O. Box 7966
Rocky Mount, North Carolina 27804-0966

DATE	10-30-91	JOB NO.	90-762
ATTENTION	Sherri Hoyt		
RE:			

Sherri Hoyt
Division of Solid Waste Management
P.O. Box 27687
Raleigh, NC 27611-7687

GENTLEMEN:

WE ARE SENDING YOU Attached Under separate cover via _____ the following items:
 Shop drawings Prints Plans Samples Specifications
 Copy of letter Change order _____

COPIES	DATE	NO.	DESCRIPTION
1	-		Complete set of Gay Pit Demolition
2	-		Site Plans of Apco Pit
1	-		complete set of Apco Pit Demolition
1	-		conditional use permit to operate Demolition Permit.
1	-		Deed FOR Gay Pit
1	-		letter FROM REB Properties allowing BARNHILL TO DUMP

THESE ARE TRANSMITTED as checked below:

- For approval Approved as submitted Resubmit _____
- For your use Approved as noted Submit _____
- As requested Returned for corrections Return _____
- For review and comment _____
- FOR BIDS DUE _____ 19 _____ PRINTS RETURNED AFTER LOAN TO US
- Deposit for Plans and Specifications requested in the amount of \$ _____
- Deposit for Plans and Specifications is acknowledged in the amount of \$ _____
- Plan Deposit in amount of \$ _____ is returned herewith.
- Refund of \$ _____ on your plan deposit is attached herewith.

REMARKS

Sherri, I am sorry this took so long please continue to process.

Thanks Mike

COPY TO _____

SIGNED: J. Michael Steaks

Fax #: (919) 972-7638
 Telephone: (919) 972-7703

LETTER OF TRANSMITTAL

APPIAN CONSULTING ENGINEERS

841 S. Wesleyan Blvd.
 P.O. Box 7966
 Rocky Mount, North Carolina 27804-0966

Project: *Waste Management*

Site: *Rocky Mount*

Date: *10-4-91*

To: *Shari Hight*

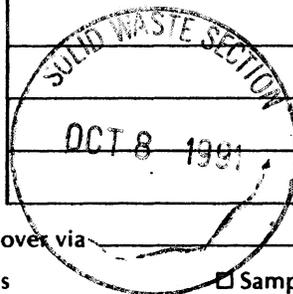
GENTLEMEN:

WE ARE SENDING YOU Attached Under separate cover via _____ the following items:

Shop drawings Prints Plans Samples Specifications

Copy of letter Change order _____

DATE <i>10-4-91</i>	JOB NO. <i>91-766</i>
ATTENTION <i>Shari Hight</i>	
RE: <i>Apex Pit Remediation</i>	



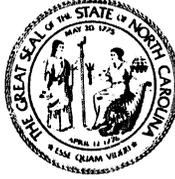
COPIES	DATE	NO.	DESCRIPTION
-	<i>10-4-91</i>	<i>Revised</i>	<i>Apex Pit Remediation Plans w/</i>
			<i>1) Remediation AREA = 15 Ac</i>
			<i>2) All remediation landfill areas located in Mining Pit where</i>
			<i>remediation activity has been completed. A minimum of</i>
			<i>excavation sufficient to view and cross-sections</i>
			<i>3) Topographic information has not been provided a site plan</i>
			<i>due to this is that, spot shots and cross-sections</i>
			<i>Plan sheet 10/1/91 has been provided.</i>

THESE ARE TRANSMITTED as checked below:

- For approval Approved as submitted Resubmit _____
- For your use Approved as noted Submit _____
- As requested Returned for corrections Return _____
- For review and comment _____
- FOR BIDS DUE _____ 19 _____ PRINTS RETURNED AFTER LOAN TO US
- Deposit for Plans and Specifications requested in the amount of \$ _____
- Deposit for Plans and Specifications is acknowledged in the amount of \$ _____
- Plan Deposit in amount of \$ _____ is returned herewith.
- Refund of \$ _____ on your plan deposit is attached herewith.

REMARKS *Apex Pit Remediation, controlled areas, etc. are shown on plan*
to show what measures are required in current zoning (10/1/91)
10/1/91.
The remediation plans, etc. are shown on plan sheet 10/1/91
has been provided.
The plans are submitted for 57 days after date of submission
on 10/1/91. 10/1/91

COPY TO _____ SIGNED: *[Signature]*



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

James G. Martin, Governor
William W. Cobey, Jr., Secretary

William L. Meyer
Director

September 16, 1991

J. Michael Stocks
Appian Consulting Engineers
P. O. Box 7996
Rocky Mount, NC 27804-0966

RE: Proposed Demolition Fill
Apco and Gay Sites

Dear Mr. Stocks:

The Solid Waste Section has conducted a preliminary review of the proposed construction plan applications for completeness. The following comments shall be addressed in order to continue the review process:

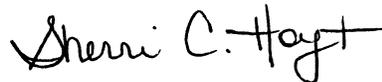
1. Plans shall delineate the first operational area and provide a progression of operation. The first area of operation shall be no greater than 15 acres in size.
2. The first area of operation shall be located only in areas where mining activities have been completed and excavation has been discontinued. A minimum separation of four feet shall be maintained between the bottom elevation of solid waste and the seasonal high groundwater table.
3. Topographical maps (scale at least 200 feet to the inch with 5 foot contours) for the first area of operation shall be provided. Plans should show buffers to property lines and surface waters, controlled access, and excavation limits, as well as delineate pertinent geographical features and sedimentation and erosion control measures.
4. At least two cross sections per operational area which illustrate excavation limits and proposed final contours shall be provided using established topographical data. No typical cross-sections will be accepted.

These comments are intended to expedite the review of the application, and in no way do they restrict the Section's right to request additional information following the technical review process.

Mr. Stocks
September 16, 1991
Page 2

If you have any questions, please contact me at (919)
733-0692.

Sincerely,



Sherri C. Hoyt
Environmental Engineer
Solid Waste Section

cc: Jim Coffey
Terry Dover
Fred Wood

Fax #: (919) 972-7638
 Telephone: (919) 972-7703

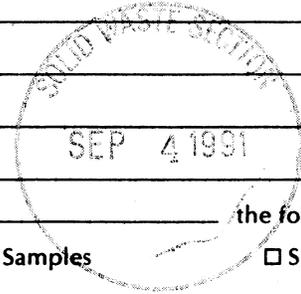
LETTER OF TRANSMITTAL

APPIAN CONSULTING ENGINEERS

841 S. Wesleyan Blvd.
 P.O. Box 7966
 Rocky Mount, North Carolina 27804-0966

Ms. Sherry Hoyt
NC solid Waste section
P.O. Box 27687
Raleigh, NC 27611-7687

DATE	<i>9-2-91</i>	JOB NO.	<i>90-76a</i>
ATTENTION	<i>Sherry Hoyt</i>		
RE:	<i>Barnhill Demolition</i>		



GENTLEMEN:

WE ARE SENDING YOU Attached Under separate cover via _____ the following items:
 Shop drawings Prints Plans Samples Specifications
 Copy of letter Change order _____

COPIES	DATE	NO.	DESCRIPTION
<i>1</i>	<i>July 1, 1991</i>		<i>APCO Mining Permit</i>
<i>1</i>	<i>-</i>		<i>APCO Mining Plans</i>
<i>1</i>	<i>AUG 13, 1991</i>		<i>GAY Pit Mining Permit</i>
<i>1</i>	<i>-</i>		<i>GAY Pit Mining Plans</i>

THESE ARE TRANSMITTED as checked below:

- For approval Approved as submitted Resubmit _____
- For your use Approved as noted Submit _____
- As requested Returned for corrections Return _____
- For review and comment _____
- FOR BIDS DUE _____ 19 _____ PRINTS RETURNED AFTER LOAN TO US
- Deposit for Plans and Specifications requested in the amount of \$ _____
- Deposit for Plans and Specifications is acknowledged in the amount of \$ _____
- Plan Deposit in amount of \$ _____ is returned herewith.
- Refund of \$ _____ on your plan deposit is attached herewith.

REMARKS *Sherry, Attached are the mining permits and plans we have discussed as outlined earlier we will modify the mining permits once we get approval for the demolition fill. All erosion controll measures are shown on attached plans. Please contact me if you have any questions or concerns. Thanks Mike*

COPY TO _____ SIGNED: *J Michael Stecks*



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

James G. Martin, Governor
William W. Cobey, Jr., Secretary

Charles H. Gardner
Director

July 1, 1991

Mr. Allen Barnhill
Barnhill Contracting Co., Inc.
P. O. Box 1529
Tarboro, NC 27886

RE: Permit No. 33-15
APCO Pit
Edgecombe County



Dear Mr. Barnhill::

Your application for renewal of Permit No. No. 33-15 for APCO Pit in Edgecombe County has been approved. A copy of the renewed permit is enclosed.

The conditions in the permit renewal were based primarily upon the initial application. Modifications to the permit were made as indicated in the renewal request and as required to insure compliance with The Mining Act of 1971. The new expiration date is July 1, 2001.

Please review the renewed permit and advise this office at (919) 733-4574 should you have any question concerning this matter.

Sincerely,

A handwritten signature in black ink, appearing to read "Tracy E. Davis".

Tracy E. Davis, E.I.T.
Mining Specialist
Land Quality Section

TED/BUS/se

Enclosure

cc: John Holley
Michael Stocks

DEPARTMENT OF ENVIRONMENT, HEALTH AND NATURAL RESOURCES
DIVISION OF LAND RESOURCES
LAND QUALITY SECTION

P E R M I T

for the operation of a mining activity

In accordance with the provisions of G.S. 74-46 through 68,
"The Mining Act of 1971," Mining Permit Rule 15A NCAC
5 B, and other applicable laws, rules and regulations

Permission is hereby granted to:

Barnhill Contracting Company, Inc.

APCO Pit

Edgecombe County - Permit No. 33-15

for the operation of a

Sand Pit

which shall provide that the usefulness, productivity and scenic
values of all lands and waters affected by this mining operation
will receive the greatest practical degree of protection and
restoration.

In accordance with the application for this mining permit, which is hereby approved by the Department of Environment, Health and Natural Resources, hereinafter referred to as the Department, and in conformity with the approved Reclamation Plan attached to and incorporated as part of this permit, provisions must be made for the protection of the surrounding environment and for reclamation of the land and water affected by the permitted mining operation. This permit is expressly conditioned upon compliance with all the requirements of the approved Reclamation Plan. However, completed performance of the approved Reclamation Plan is a separable obligation, secured by the bond or other security on file with the Department, and may survive the expiration, revocation or suspension of this permit.

This permit is not transferable by the permittee with the following exception: If another operator succeeds to the interest of the permittee in the permitted mining operation, by virtue of a sale, lease, assignment or otherwise, the Department may release the permittee from the duties imposed upon him by the conditions of his permit and by the Mining Act with reference to the permitted operation, and transfer the permit to the successor operator, provided that both operators have complied with the requirements of the Mining Act and that the successor operator agrees to assume the duties of the permittee with reference to reclamation of the affected land and posts a suitable bond or other security.

In the event that the Department determines that the permittee or permittee's successor is not complying with the Reclamation Plan or other terms and conditions of this permit, or is failing to achieve the purposes and requirements of the Mining Act, the Department may give the operator written notice of its intent to modify, revoke or suspend the permit, or its intent to modify the Reclamation Plan as incorporated in the permit. The operator shall have right to a hearing at a designated time and place on any proposed modification, revocation or suspension by the Department. Alternatively and in addition to the above, the Department may institute other enforcement procedures authorized by law.

Definitions

Wherever used or referred to in this permit, unless the context clearly indicates otherwise, terms shall have the same meaning as supplied by the Mining Act, N.C.G.S. 74-49.

Modification

July 1, 1991: The Reclamation Plan of this permit has been modified to allow the creation of seasonal wetlands.

Expiration Date

This permit shall be effective from the date of its issuance until July 1, 2001.

Conditions

This permit shall be subject to the provisions of the Mining Act, N.C.G.S. 74-46, et. seq., and to the following conditions and limitations:

OPERATING CONDITIONS:

1. Any wastewater processing or mine dewatering shall be in accordance with the permitting requirements and rules promulgated by the Environmental Management Commission.
2. Any mining process producing air contamination emissions shall be subject to the permitting requirements and rules promulgated by the Environmental Management Commission.
3. Sufficient buffer shall be maintained between any affected land and any adjoining waterway to prevent sedimentation of that waterway from erosion of the affected land and to preserve the integrity of the natural watercourse.
4. Any mining activity affecting wetlands shall be in accordance with the requirements and regulations promulgated by the U.S. Army Corps of Engineers.
5. Adequate mechanical barriers including but not limited to diversions, earthen dikes, brush barriers, silt check dams, silt retarding structures, rip rap pits, or ditches shall be provided in the initial stages of any land disturbance and maintained to prevent sediment from discharging onto adjacent surface areas or into any lake or natural watercourse in proximity to the affected land.
6. The angle for graded slopes and fills shall be no greater than the angle which can be retained by vegetative cover or other adequate erosion control measure, structure, or device. In any event, exposed slopes or any excavated channels, the erosion of which may cause offsite damage because of siltation, shall be planted or otherwise provided with ground cover, devices or structures sufficient to restrain such erosion.
7. The affected land shall be graded so as to prevent collection of pools of water that are, or likely to become, noxious or foul. Necessary structures such as drainage ditches or conduits shall be constructed or installed when required to prevent such conditions.
8. Existing vegetation or vegetated earthen berms shall be maintained between the mine and public thoroughfares whenever practical to screen the operation from the public.
9. Sufficient buffer (a minimum of 20 feet wide) shall be maintained between any excavation and any adjoining property line to prevent caving of that property and to allow grading of the sideslopes to the required angle.
10. A physical barrier consisting of a fence or earthen berm, etc., shall be maintained around the perimeter of any highwall.
11. An Annual Reclamation Report shall be submitted on a form supplied by the Department by February 1 of each year until reclamation is completed and approved.

12. The operator shall notify the Department in writing of the desire to delete, modify or otherwise change any part of the mining, reclamation, or erosion/sediment control plan contained in the approved application for a mining permit. Approval to implement such changes must be obtained from the Department prior to on-site implementation of the revisions.
13. The security which was posted pursuant to N.C.G.S. 74-54 in the form of a \$25,000.00 Blanket Bond is sufficient to cover the operation as indicated on the approved application. This security must remain in force for this permit to be valid. The total affected land shall not exceed the bonded acreage.
14.
 - A. Authorized representatives of the Division of Archives and History shall be granted access to the site to determine the presence of significant archaeological resources.
 - B. Pursuant to N. C. G. S. 70 Article 3, "The Unmarked Human Burial and Human Skeletal Remains Protection Act," should the operator or any person in his employ encounter human skeletal remains, immediate notification shall be provided to the county medical examiner and the chief archaeologist, North Carolina Division of Archives and History.

APPROVED RECLAMATION PLAN

The Mining Permit incorporates this Reclamation Plan, the performance of which is a condition on the continuing validity of that Mining Permit. Additionally, the Reclamation Plan is a separable obligation of the permittee, which continues beyond the terms of the Mining Permit.

The approved plan provides:

Minimum Standards As Provided By G.S. 74-53

1. The final slopes in all excavations in soil, sand, gravel and other unconsolidated materials shall be at such an angle as to minimize the possibility of slides and be consistent with the future use of the land.
2. Provisions for safety to persons and to adjoining property must be provided in all excavations in rock.
3. All overburden and spoil shall be left in a configuration which is in accordance with accepted conservation practices and which is suitable for the proposed subsequent use of the land.
4. No small pools of water shall be allowed to collect or remain on the mined area that are, likely to become noxious, odious or foul.
5. The revegetation plan shall conform to accepted and recommended agronomic and reforestation practices as established by the North Carolina Agricultural Experiment Station and the North Carolina Forest Service.
6. Permittee shall conduct reclamation activities pursuant to the Reclamation Plan herein incorporated. These activities shall be conducted according to the time schedule included in the plan, which shall to the extent feasible provide reclamation simultaneous with mining operations and in any event, provide reclamation at the earliest practicable time after completion or termination of mining on any segment of the permit area and shall be completed within two years after completion or termination of mining.

RECLAMATION CONDITIONS:

1. Provided further, and subject to the Reclamation Schedule, the planned reclamation shall be to satisfactorily stabilize all disturbed areas.
2. As outlined on the mine map prepared by Appian Consulting Engineers dated February 18, 1991 and revised May 28, 1991 and as outlined in the additional information dated April 30, 1991 submitted with the revised renewal application, disturbed areas shall be reclaimed as follows:
 - A. Areas designated as Area A, Area B, Area F (south of the 100-year floodway line), and Area H shall be satisfactorily regraded and vegetated according to the Revegetation Plan.

- B. Areas designated as Area C and Area G shall also be satisfactorily regraded and vegetated according to the Revegetation Plan and shall be planted with Red Maple, Water Oak, Sycamore and/or Green Ash trees at a staggered spacing of 10 feet.
- C. Construction details for the plank board riser showing dimensions of all parts of the structure including the riser, barrel, outlet protection and antifoatation block shall be provided to the Department for review prior to its construction.
- D. Areas designated as Area D, Area E, Area F (north of the 100-year floodway line), and Area E1 shall be inundated during winter months. The earthen berm shall be installed according to the information submitted by Appian Consulting Engineers dated June 25, 1991. During summer months, these areas shall be revegetated as outlined in the Revegetation Plan.
- E. All sideslopes shall be graded to a 2 horizontal to 1 vertical or flatter slope.
- F. Any settling ponds or sediment basins shall be backfilled and stabilized.
- G. The processing, stockpile, and other disturbed areas neighboring the mine excavation shall be leveled and smoothed.
- H. Compacted surfaces shall be disced, subsoiled or otherwise prepared before revegetation.
- I. No contaminants shall be dumped at the mine site. Scrap metal, trash or other such waste shall be removed from the site and properly disposed.
- J. The affected land shall be graded to prevent the collection of noxious or foul water.

3. Revegetation Plan

After site preparation, all disturbed land areas shall be revegetated according to the seeding schedule prepared by Mr. Bobby Joyner with Appian Consulting Engineers dated February 12, 1991 provided in the mining permit application.

4. Reclamation Schedule

Reclamation shall be conducted simultaneously with mining to the extent feasible. In any event, reclamation shall be initiated as soon as feasible after completion or termination of mining of any mine segment under permit. Final reclamation, including revegetation, shall be completed within two years of completion or termination of mining.

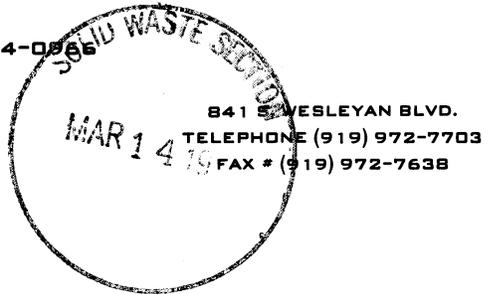
This permit, issued June 30, 1981, is hereby renewed and modified this 1st day of July, 1991 pursuant to G.S. 74-52.

By: Charles H. Gardner

Charles H. Gardner, Director
Division of Land Resources
By Authority of the Secretary
Of the Department of Environment, Health and Natural Resources

APPIAN CONSULTING ENGINEERS, P.A.
CIVIL AND MUNICIPAL ENGINEERS
POST OFFICE BOX 7966
ROCKY MOUNT, NORTH CAROLINA 27804-0966

BOBBY L. JOYNER, P.E.



Monday, March 11, 1991

Mr. Jim Coffey
N.C. Solid Waste Section
P.O. Box 27687
Raleigh, NC 27611-7687

Re: Demolition Landfill
The Apco (Tarboro) Pit
ACE JN 90-76A

Dear Mr. Coffey:

The enclosed information will complete our application for a demolition landfill located at what is now a permitted mining operation entitled the Apco (Tarboro) Pit, Permit #33-15.

Enclosed for your review:

- 4 copies of the Demolition Plan
- 4 copies of the Site Plan Application with Site Plan approval letter from Mr. Gordon Layton.
- 4 copies of the legal Description of the Property
- 4 copies of the Revised Mining Permit Reclamation Plan

Please proceed with the review of the Construction Plans for the proposed demolition landfill. If you have any questions or concerns, please do not hesitate to contact our office.

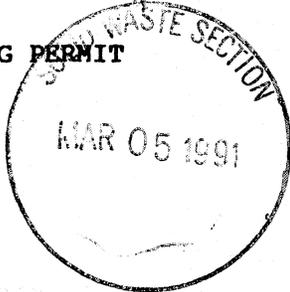
Sincerely,

J. Michael Stocks
J. Michael Stocks, EIT

JMS:ejl

cc: file

APPLICATION FOR A MINING PERMIT



All reclamation activity is subject to approval from N.C. Dept. of Solid & Hazardous Waste Management, contact person - Mr. Gordon Layton, (919) 486-1191.

D. RECLAMATION PLAN

We are currently in the process of obtaining a demolition landfill permit.

1. Describe your intended plan for the reclamation and subsequent use of all affected lands and indicate the general methods to be used in reclaiming this land. This information must be illustrated on a reclamation map.

Areas which have been excavated to a depth greater than 4' above the ground water table will be reclaimed by dumping unuseable soil (soil not suitable for structural fill), stumps and concrete. Once ground elevation is greater than 4' above ground water table a mixture of demolition material and soil will be backed into the pit. Once these areas have been refilled, they will be dressed and vegetation will be established.

2. a. Is an excavated or impounded body of water to be left as a part of the reclamation? Yes ___ No X. If yes, illustrate the location of the body(s) of water on the reclamation map and provide a scaled cross-section(s) through the proposed body(s) of water. Will the body(s) of water be stocked with fish? Yes ___ No X. If yes, specify species.

- b. Describe provisions for prevention of noxious, odious or foul water collecting or remaining in mined areas. Provide details on any permanent water outlets.

The pit will adjoin existing drainage ditches and outlets from the pit to the existing drainage ditch will be protected by check dams and rip rap/ gravel sediment basin. Existing drainage patterns will not change.

**APPLICATION FOR A MINING PERMIT
RECLAMATION PLAN**

3. Describe provisions for safety to persons and to adjoining property in all completed excavations in rock including what kind of permanent barricade will be left. The location of the barricade must be shown on the reclamation map.

No excavations will be made in rock.

4. a. Indicate the method(s) of reclamation of overburden, refuse, spoil banks or other such on-site mine waste areas, including specifications for benching and sloping.

Stockpiles will be dressed and seeded. All areas disturbed will be seeded.

- b. Are any processing waste, overburden or other such mine wastes to be disposed of off-site? Yes _____ No No. If yes, describe in detail what these wastes are and how they will be disposed. Attach a separate site map(s) showing the location(s) of the disposal area(s). Include all specifications for erosion and sediment control.

N/A

**APPLICATION FOR A MINING PERMIT
RECLAMATION PLAN**

5. a. Describe reclamation of processing facilities, stockpile areas, and onsite roadways.

Stockpiles which are to remain will be dressed and seeded. Roads will be mined and included in the mine area. There are no processing facilities.

- b. Will any onsite roadways be left as part of the reclamation? Yes X No .
If yes, identify these on the reclamation map and provide details on permanent ditch line stabilization.

The existing farm path along the north property line will remain in place. There will not be a ditchline along this roadway.

6. State the method of reclamation of settling ponds and/or sediment control basins.

There will be no setting ponds. Silt will be controlled and held within the mined area.

**APPLICATION FOR A MINING PERMIT
RECLAMATION PLAN**

7. State the method of control of contaminants and disposal of scrap metal, junk machinery, cables, or other such waste products of mining. (Note definition of refuse in The Mining Act of 1971). No off-site generated waste shall be disposed of on the mine site without prior written approval from the N.C. Department of Natural Resources and Community Development, Land Quality Section and either the N.C. Department of Human Resources or local governing body.

Contaminants, scrap metal or junk machinery will not be brought on-site.

8. Indicate the method of restoration or establishment of any permanent drainage channels to a condition minimizing erosion, siltation and other pollution. Give design details including typical cross-sections of any permanent channels to be constructed as part of the reclamation plan. Show the location(s) of all permanent channels on the reclamation map.

The existing drainage ditch will not be disturbed.

APPLICATION FOR A MINING PERMIT
RECLAMATION PLAN

9. Describe your plan for revegetation or other surface treatment of the affected areas. This plan must include recommendations for time of seeding and the amount and type of seed, fertilizer, lime and mulch per acre and general seeding instructions for permanent revegetation and, if necessary, temporary revegetation. Revegetation utilizing pine seedlings only is not acceptable. NOTE: Revegetation Plan must be approved and signed by one of the following:

- (a) Authorized representatives of the local Soil and Water Conservation District having jurisdiction over lands in questions;
- (b) Authorized representatives of the Office of Forest Resources, Department of Natural Resources and Community Development;
- (c) County Agricultural Extension chairmen or Research and Extension personnel headquartered at North Carolina State University in the School of Agriculture and Life Sciences;
- (d) North Carolina licensed architects;
- (e) Private consulting foresters referred by the Office of Forest Resources, Department of Natural Resources and Community Development;
- (f) Others as may be approved by the Department.

LIME - RATE OF APPLICATION:

3 Tons Per Acre

FERTILIZER - ANALYSIS AND RATE OF APPLICATION:

10-10-10 1000 pounds per acre

SEED - TYPES AND RATE OF APPLICATION INCLUDING SEEDING SCHEDULE:

March 1 - Sept. 1 - Bahia grass at the rate of 50 pounds per acre
Va-70 Lespedeza at the rate of 20 pounds per acre
Wheat - 15 pounds per acre
Sept. 1 - Dec. 1 - Fescue at a rate of 100 pounds per acre
Va - 70 Lespedeza at a rate of 20 pounds per acre
Wheat - 15 pounds per acre

MULCH - TYPE AND RATE OF APPLICATION :

Small grain straw 1.5 tons per acre

OTHER VEGETATIVE COVERS: Temporary seeding:

25 pounds of annual rye grass
1 bushel of small grain (wheat or rye)

Revegetation and/or reforestation plan approved by:

Signature A. B. Whitley Date 1/18/90

Title District Conservationist

Agency USDA - Soil Conservation Service
Representing Edgecombe Soil and Water
Conservation District

**APPLICATION FOR A MINING PERMIT
RECLAMATION PLAN**

10. Provide a schedule of reclamation that indicates the sequence of reclamation and approximate time frame. If reclamation is to be accomplished concurrently with mining, then show on the site map segments that are to be mined and reclaimed during each year of the permit. Add drawings showing typical sections or cross-sections and layout of proposed reclamation.

Excavation will be adjusted according to quality of excavated material. Slopes will be sloped and seeded as mining is completed. Actual disturbed area per year will be determined by needs for fill sand.

E. NOTIFICATION OF ADJOINING LANDOWNERS

1. The "NOTICE" form or a facsimile thereof attached to this application must be sent certified or registered mail to all adjoining (contiguous) landowners indicated on mine map unless another means of notice is approved in advance by the Director, Division of Land Resources.

The completed "Affidavit of Notification" attached to this application must be submitted before the application is considered complete.



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

South Central Regional Office • 225 Green Street, Suite 601 • Fayetteville, North Carolina 28301
Telephone: (919) 486-1191 FAX:(919) 486-1791

James G. Martin, Governor
William W. Cobey, Jr., Secretary

William L. Meyer
Director

February 13, 1991

J. Michael Stocks
Appian Consulting Engineers
841 S. Wesleyan Blvd.
Rocky Mount, NC 27804-0966

RE: Rocky Mount, Tarboro, and Gay Sites
Barnhill Contracting Co., Inc.

Dear Mr. Stocks:

The referenced sites were considered for demolition landfill based on the information you submitted and site visits by the Solid Waste Section staff. The following comments address the site:

Rocky Mount

This pit has considerable amounts of water and violates the four-foot separation from the ground water requirement.

Tarboro and Gay

The information is sufficient to proceed with the construction plan information. This should include two cross-sections showing existing and final elevations. Erosion control measures addressing 15 NCAC 4 should also be included.

You are also requested to submit two additional copies of the site information and four copies of the construction plan when you submit paperwork for a permit.

If you have questions concerning this matter, please call me at (919) 486-1191.

Sincerely,


J. Gordon Layton
Environmental Engineer

Enclosure

cc: Fred Wood
Gary Ahlberg

MEMO

DATE: _____

TO: _____

SUBJECT: _____

Mike Stocks -

Rocky Mt.

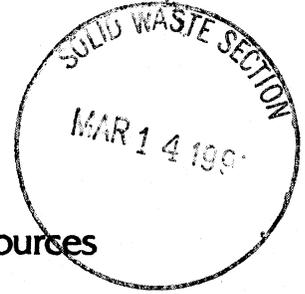
Demolition LF

site appl. Gordon

- existing mining operations re-newed ^{permits} last March
- same property description
- modify reclamation plan w/ LQ - need to have demo. permit appl.



North Carolina Department of Environment,
Health, and Natural Resources



State of North Carolina
Department of Environment, Health, and Natural Resources
Division of Adult Health
P.O. Box 27687 • Raleigh, North Carolina 27611-7687 • 919-733-7081

James G. Martin, Governor
William W. Cobey, Jr., Secretary

February 8, 1991

Georjean Stoodt, M.D., M.P.H.
Director

J. Michael Stocks
Appian Consulting Engineers
841 S Wesleyan Blvd.
Rocky Mount, NC 27804-0966

RE: Rocky Mount, Tarboro, and Gay Sites
Barnhill Contracting Co., Inc.

Dear Mr. Stocks:

The referenced sites were considered for demolition landfill based on the information you submitted and site visits by Solid Waste Section Staff. The following comments address the site.

Rocky Mount

This pit is has considerable amounts of water and violates the four-foot separation from ground water requirement.

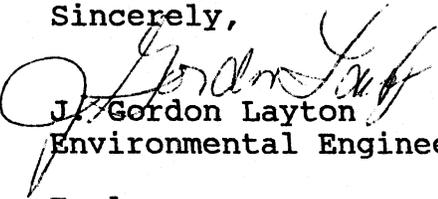
Tarboro and Gay

The information is sufficient to proceed with construction plan information. This should include two cross-sections showing existing and final elevations. Erosion control measures addressing 15NCAC4 should also be included.

You are also requested to submit two additional copies of the site information and four copies of the construction plan when you submit for a permit.

If you have questions concerning this matter, please call me at 919-486-1191.

Sincerely,


J. Gordon Layton
Environmental Engineer

Encl:

cc: Fred Wood
Gary Alhberg

**DEMOLITION LANDFILL SITE PLAN REVIEW
FOR THE TARBORO PIT**

- Name and Phone Number of Individual responsible for operation and maintenance of Site:

OWNER
Allen Barnhill
Barnhill Contracting Co., Inc.
P.O. Box 1529
Tarboro, NC 27886
(919) 823-1021

APPLICANT
J. Michael Stocks
Appian Consulting Engineers. P.A.
P.O. Box 7966
Rocky Mount, NC 27804
(919) 972-7703

- A map or aerial photograph accurately showing the area within one-fourth mile of the site and identifying the following:

- (a). Property Lines
- (b). Existing Homes, Buildings, Utilities, Roads, Wells, etc.
- (c). 100 Year Flood Information if applicable

See Attached

- An approval letter from the unit of local government having zoning authority over the area where the site is to be located.

See Attached

- Location of Site on County Roadmap

See Attached

- Types of Waste for Disposal:

- Miscellaneous debris from clearing and grubbing operations, such as stumps, roots, limbs, etc.
- Miscellaneous construction debris from demolition operations, such as concrete, blocks, bricks, asphalt, etc.

- Other Information Pertinent:

- Mr. Fred J. Wood, Waste Management Specialist, Solid Waste Section, has met with us on-site and is willing to discuss his findings with you. He can be reached at (919) 355-9000.
- Barnhill Contracting Co. is currently operating a sand pit entitled the APCO Pit or the Tarboro Pit under Permit No. 33-15.



TOWN OF TARBORO
NORTH CAROLINA

March 28, 1987

Mr. Chris Stroud
Barnhill Contracting Company
Post Office Box 1529
Tarboro, North Carolina 27886

Dear Mr. Stroud:

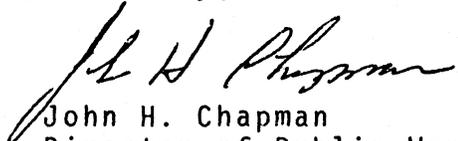
The Town of Tarboro Codes and Ordinances do not prevent you from operating a demolition landfill at the following location:

Tarboro Asphalt Plant - East Northern Boulevard Extension

The Tarboro Asphalt Plant is located next to the Floodway of Tar River as listed within the Town of Tarboro Zoning Ordinance. Our ordinance does not allow fill material to reduce the area of a Floodway. Should you desire to fill within the Floodway, it will be necessary to remove as much fill material as is replaced with demolition material so that the flood carrying capacity of the Floodway remains "as is".

Should you have any questions or need additional information, please do not hesitate to call me. My telephone number is 641-4234.

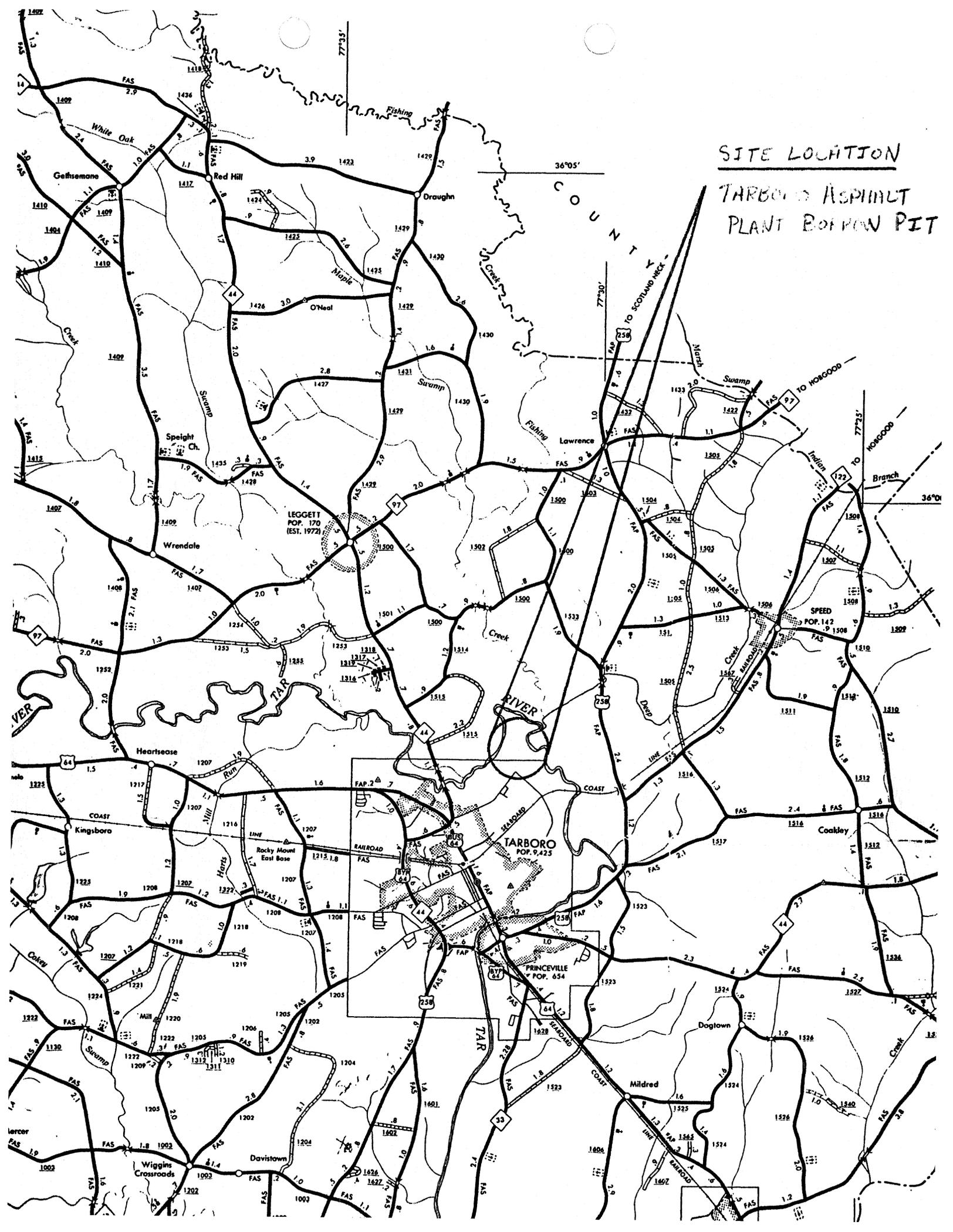
Sincerely,


John H. Chapman
Director of Public Works

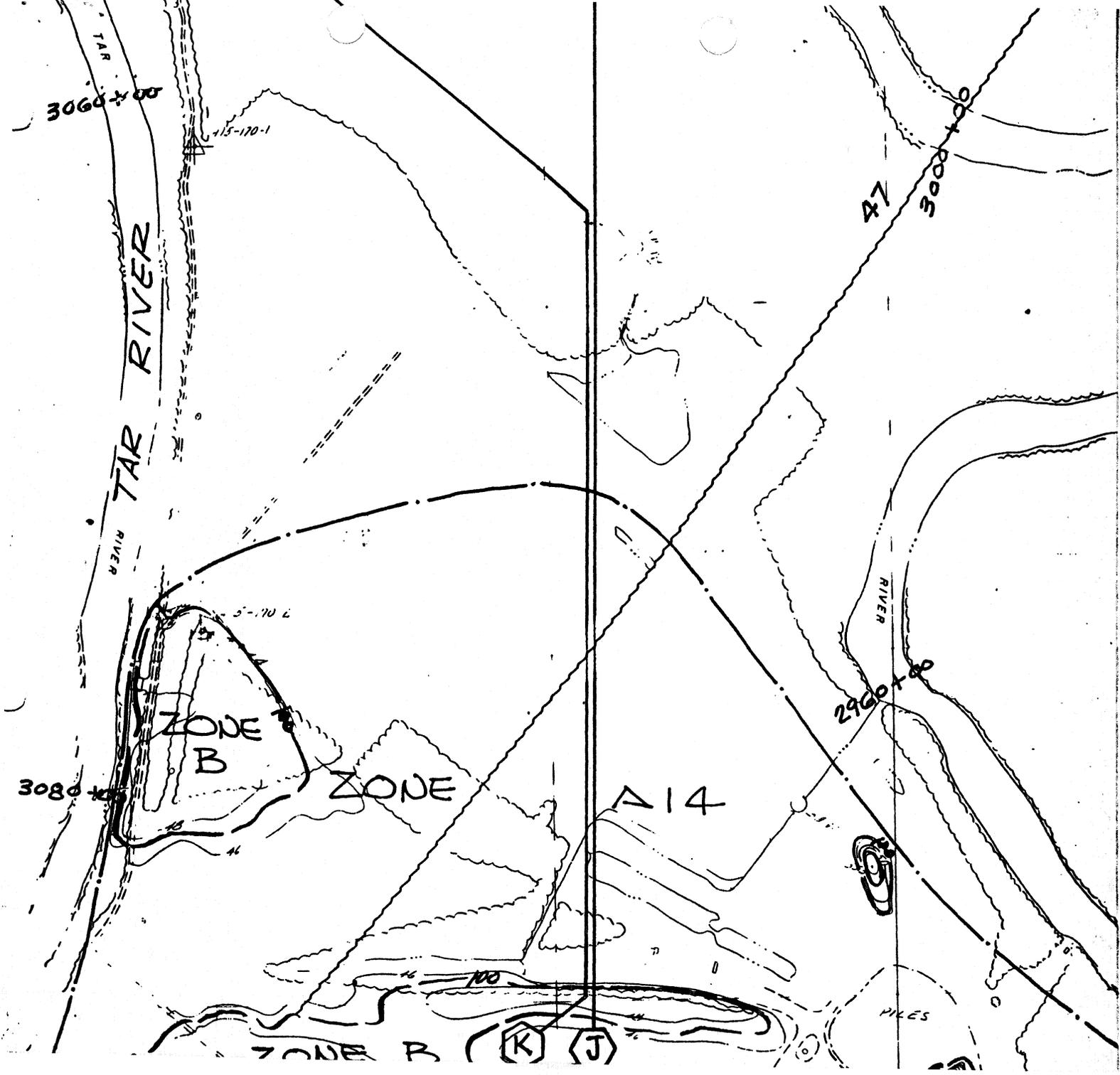
JHC:ca

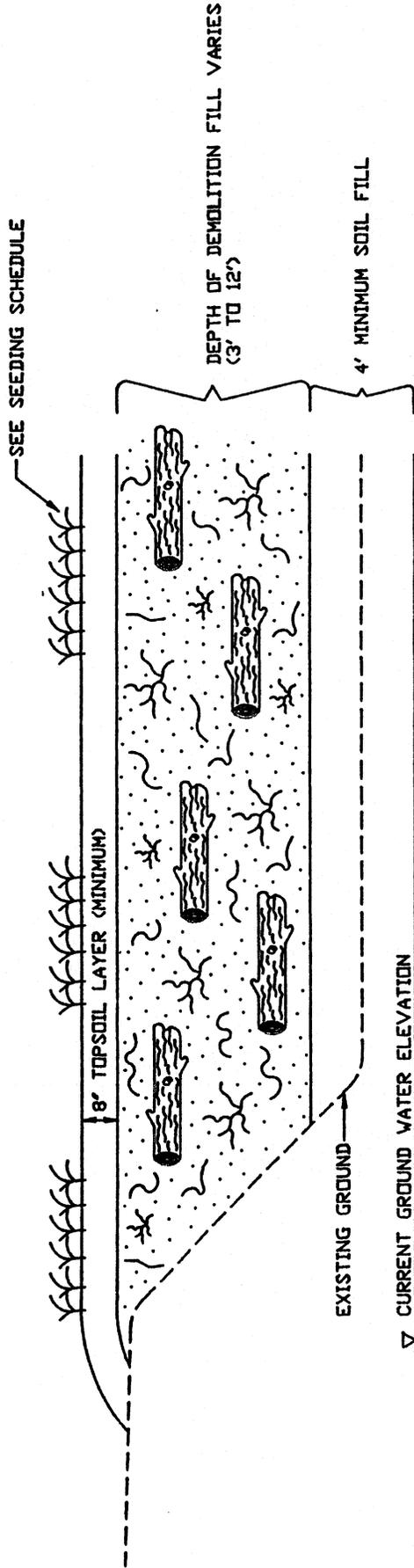
SITE LOCATION

TARBORO ASPHALT
PLANT BOFFLOW PIT





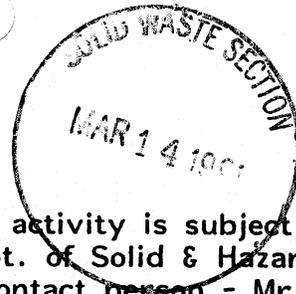




TYPICAL SECTION OF RECLAMATION FILL

NOT TO SCALE

APPLICATION FOR A MINING PERMIT



All reclamation activity is subject to approval from N.C. Dept. of Solid & Hazardous Waste Management, contact person - Mr. Gordon Layton, (919) 486-1191.

D. RECLAMATION PLAN

We are currently in the process of obtaining a demolition landfill permit.

1. Describe your intended plan for the reclamation and subsequent use of all affected lands and indicate the general methods to be used in reclaiming this land. This information must be illustrated on a reclamation map.

Areas which have been excavated to a depth greater than 4' above the ground water table will be reclaimed by dumping unuseable soil (soil not suitable for structural fill), stumps and concrete. Once ground elevation is greater than 4' above ground water table a mixture of demolition material and soil will be backed into the pit. Once these areas have been refilled, they will be dressed and vegetation will be established.

2. a. Is an excavated or impounded body of water to be left as a part of the reclamation? Yes ___ No X. If yes, illustrate the location of the body(s) of water on the reclamation map and provide a scaled cross-section(s) through the proposed body(s) of water. Will the body(s) of water be stocked with fish? Yes ___ No X. If yes, specify species.

- b. Describe provisions for prevention of noxious, odious or foul water collecting or remaining in mined areas. Provide details on any permanent water outlets.

This pit will adjoin an existing drainage ditch and outlets from the pit to this existing drainage ditch will be protected by check dams with gravel filters.

APPLICATION FOR A MINING PERMIT
RECLAMATION PLAN

3. Describe provisions for safety to persons and to adjoining property in all completed excavations in rock including what kind of permanent barricade will be left. The location of the barricade must be shown on the reclamation map.

No excavation will take place in rock.

4. a. Indicate the method(s) of reclamation of overburden, refuse, spoil banks or other such on-site mine waste areas, including specifications for benching and sloping.

Stockpiles will be dressed and seeded. All areas disturbed will be seeded.

- b. Are any processing waste, overburden or other such mine wastes to be disposed of off-site? Yes _____ No XX. If yes, describe in detail what these wastes are and how they will be disposed. Attach a separate site map(s) showing the location(s) of the disposal area(s). Include all specifications for erosion and sediment control.

N/A

**APPLICATION FOR A MINING PERMIT
RECLAMATION PLAN**

5. a. Describe reclamation of processing facilities, stockpile areas, and onsite roadways.

Stockpile will be used for final cover, which will be dressed and seeded. Roads will be mined and are included in the mine areas. There are no processing facilities. The asphalt plant will remain.

- b. Will any onsite roadways be left as part of the reclamation? Yes X No .
If yes, identify these on the reclamation map and provide details on permanent ditch line stabilization.

The existing pathway to the asphalt plant will remain.

6. State the method of reclamation of settling ponds and/or sediment control basins.

There are no settling ponds or sediment control basins on this site. Silt is controlled and held within the mined area.

APPLICATION FOR A MINING PERMIT
RECLAMATION PLAN

7. State the method of control of contaminants and disposal of scrap metal, junk machinery, cables, or other such waste products of mining. (Note definition of refuse in The Mining Act of 1971). No off-site generated waste shall be disposed of on the mine site without prior written approval from the N.C. Department of Natural Resources and Community Development, Land Quality Section and either the N.C. Department of Human Resources or local governing body.

No cotaminants, scrap metal or junk machinery will be brought on-site. (See reclamation plan for proposed materials that will be brought on-site).

8. Indicate the method of restoration or establishment of any permanent drainage channels to a condition minimizing erosion, siltation and other pollution. Give design details including typical cross-sections of any permanent channels to be constructed as part of the reclamation plan. Show the location(s) of all permanent channels on the reclamation map.

Existing drainage patterns will not be disturbed. Area to be reclaimed will sheet drain.

APPLICATION FOR A MINING PERMIT
RECLAMATION PLAN

9. Describe your plan for revegetation or other surface treatment of the affected areas. This plan must include recommendations for time of seeding and the amount and type of seed, fertilizer, lime and mulch per acre and general seeding instructions for permanent revegetation and, if necessary, temporary revegetation. Revegetation utilizing pine seedlings only is not acceptable. NOTE: Revegetation Plan must be approved and signed by one of the following:

- (a) Authorized representatives of the local Soil and Water Conservation District having jurisdiction over lands in question;
- (b) Authorized representatives of the Office of Forest Resources, Department of Natural Resources and Community Development;
- (c) County Agricultural Extension chairmen or Research and Extension personnel headquartered at North Carolina State University in the School of Agriculture and Life Sciences;
- (d) North Carolina licensed landscape architects;
- (e) Private consulting foresters referred by the Office of Forest Resources, Department of Natural Resources and Community Development;
- (f) Others as may be approved by the Department.

	<u>Feb-May</u>	<u>June-Oct</u>	<u>Nov-Jan</u>
Permanent Seed:	K-31 Fescue @ 5#/1000 SF	K-31 Fescue @ 5#/1000 SF plus Brown Top Millet @ 35#/Ac	K-31 Fescue @ 5#/1000 SF plus Winter Rye Grain @ 25#/AC
Temporary Seed:	K-31 Fescue @ 2#/1000 SF plus Winter Rye @ 25#/Ac	K-31 Fescue @ 5#/1000 SF	Winter Rye @ 50#/Ac
Fertilizer:	10-10-10 @ 25#/1000 SF		
Lime:	100#/1000 SF		
Mulch:	Straw @ 75#/1000 SF		
Tack:	200 gallons/Ac on all mulching		

Revegetation and/or reforestation plan approved by:

Signature Bobby L. Joyner Date 2/12/91

Title Bobby L. Joyner, President

Agency Appian Consulting Engineers, P.A.

**APPLICATION FOR A MINING PERMIT
RECLAMATION PLAN**

10. Provide a schedule of reclamation that indicates the sequence of reclamation and approximate time frame. If reclamation is to be accomplished concurrently with mining, then show on the site map segments that are to be mined and reclaimed during each year of the permit. Add drawings showing typical sections or cross-sections and layout of proposed reclamation.

Fill site with debris from clearing and grubbing and demolition debris (ie. stumps, roots, limbs, concrete, bricks, etc.)

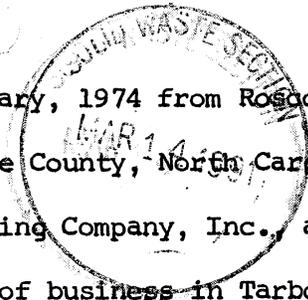
As debris approaches final grade soil will be mixed with debris to adequately sustain vegetation. (See details for typical section)

E. NOTIFICATION OF ADJOINING LANDOWNERS

1. The "NOTICE" form or a facsimile thereof attached to this application must be sent certified or registered mail to all adjoining (contiguous) landowners indicated on mine map unless another means of notice is approved in advance by the Director, Division of Land Resources.

The completed "Affidavit of Notification" attached to this application must be submitted before the application is considered complete.

N/A When asking for renewal of existing permit



THIS DEED made this the 1st day of February, 1974 from Roscoe N. Ellis and wife, Edna Jo Ann Ellis, of Edgecombe County, North Carolina, parties of the first part to Barnhill Contracting Company, Inc., a North Carolina corporation with an office and place of business in Tarboro, North Carolina, party of the second part;

WITNESSETH:

THAT THE SAID parties of the first part for and in consideration of the sum of One Hundred Dollars and other good and valuable consideration to them in hand paid by the party of the second part, the receipt of which is hereby acknowledged have this day given, granted, bargained and sold, aliened and conveyed and do by these presents give, grant, bargain and sell, alien and convey to Barnhill Contracting Company, Inc., party of the second part, its successors and assigns, the following described lot or parcel of land in Number One Township, Edgecombe County, North Carolina, describes as follows, to-wit:

BEGINNING at a point on the western bank of Tar River, northeast of the Town of Tarboro, a common corner of the land of Roscoe N. Ellis and the land of W. S. Clark and Sons, Inc., also the eastern end of an agreed line between Roscoe N. Ellis, W. S. Clark and Sons, Inc., and Lenwood Earl Dixon, an iron stake being in said line approximately 8 feet from the bank of Tar River, thence from the point of beginning and with said agreed line through the iron stake, South 42° 55' West 1795.75 feet to a point in the dividing line between Roscoe N. Ellis and Lenwood Earl Dixon cornering, thence along a new line through the land of Roscoe N. Ellis, the following courses and distances: S. 42° 55' W. 1795.75 feet; N. 44° 46' 30" W. 534.47 feet; S. 42° 55' W. 1100.00 feet; S. 69° 23' E. 381.14 feet; S. 82° 10' 10" E. 811.11 feet; S. 74° 32' 50" E. 398.97 feet; S. 23° 08' 30" West 24.19 feet; S. 82° 03' 45" W. 880.95 feet; S. 62° 51' 30" E. 305.12 feet; S. 55° 59' 30" E. 186.12 feet; S. 41° 14' 00" E. 133.37 feet; S. 17° 12' 00" E. 101.18 feet; N. 81° 56' 00" E. 650.35 feet; S. 14° 07' 00" W. 527.30 feet; S. 12° 34' 20" W. 981.14 feet; S. 2° 19' 50" W. 394.46 feet; S. 57° 45' 50" W. 288.38 feet; N. 67° 21' 00" W. 205.34 feet; N. 48° 20' 00" W. 299.38 feet; N. 22° 24' 30" W. 255.89 feet; N. 33° 42' 30" W. 262.85 feet; N. 56° 48' 00" W. 87.28 feet; N. 82° 49' 00" W. 83.25 feet; S. 76° 45' 30" W. 166.68 feet; S. 68° 09' 15" W. 214.90 feet; N. 45° 33' 45" W. 277.80 feet; N. 29° 00' 15" W. 220.34 feet; N. 44° 19' 45" E. 335.29 feet; N. 16° 32' 15" W. 398.44 feet; N. 35° 01' 25" W. 164.25 feet; S. 54° 58' 35" W. 48.02 feet to a point, thence continuing along said line 20 feet to the bank of Tar River, thence down Tar River 1028.50 feet, more or less, to the point of beginning, containing 110 acres, more or less.



Together with a right-of-way easement for use as a roadway and means of access to and from the county road to said tract of land described as follows: BEGINNING at the southwest corner of said tract in the dividing line between Roscoe N. Ellis and Lenwood Earl Dixon, thence with the Dixon line South 42° 55' West 727.85 feet to a point cornering, thence a new line North 46° 30' West 60 feet to a point cornering, thence North 42° 55' East 727.85 feet to a point in the line of the above described tract, thence South 46° 30' East 60 feet to the point of beginning in the Dixon line.

SAVE AND EXCEPT all crop allotments which may be assigned to said lands above described, which are reserved to the grantors, their heirs and assigns.

TO HAVE AND TO HOLD the above mentioned and described real property together with all privileges and appurtenances thereunto belonging or in anywise appertaining unto the said Barnhill Contracting Company, Inc., party of the second part, its successors and assigns in fee simple.

AND THE SAID parties of the first part covenant to and with the said party of the second part that they are seized of the above described real property in fee and have good right to convey the same in fee simple; that the same is free and clear of any and all encumbrances and that they will forever warrant and defend the title to the same against the lawful claims of any and all persons whomsoever.

IN WITNESS WHEREOF, the said Roscoe N. Ellis and wife, Edna Jo Ann Ellis, parties of the first part, have hereunto set their hands and affixed their seals as of the day and date first above written.

Roscoe N. Ellis (SEAL)
Roscoe N. Ellis

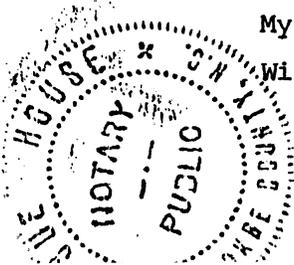
Edna Jo Ann Ellis (SEAL)
Edna Jo Ann Ellis

NORTH CAROLINA
EDGECOMBE COUNTY

I, Sue House, a Notary Public in and for said State and County, do hereby certify that Roscoe N. Ellis and wife, Edna Jo Ann Ellis each personally appeared before me this day and acknowledged the due execution of the foregoing instrument.

My commission expires 7-22-75.

Witness my hand and Notarial Seal this the 1st day of February, 1974.



Sue House
Notary Public

NORTH CAROLINA, EDGECOMBE COUNTY

The foregoing certificate (s) of _____

Sue House

a Notary Public, is (are) certified to be correct.

This instrument was presented for registration
and recorded in this office in Book 826 Page 688

This 1 day of February 1974

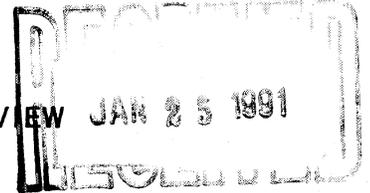
at 12:25 o'clock P. M.

Trace Edmondson

Register of Deeds

BY _____
Deputy

DEMOLITION LANDFILL SITE PLAN REVIEW
FOR THE TARBORO PIT



- ° Name and Phone Number of Individual responsible ~~for operation~~ and maintenance of Site:

OWNER
Allen Barnhill
Barnhill Contracting Co., Inc.
P.O. Box 1529
Tarboro, NC 27886
(919) 823-1021

APPLICANT
J. Michael Stocks
Appian Consulting Engineers. P.A.
P.O. Box 7966
Rocky Mount, NC 27804
(919) 972-7703

- ° A map or aerial photograph accurately showing the area within one-fourth mile of the site and identifying the following:

- (a). Property Lines
- (b). Existing Homes, Buildings, Utilities, Roads, Wells, etc.
- (c). 100 Year Flood Information if applicable

See Attached

- ° An approval letter from the unit of local government having zoning authority over the area where the site is to be located.

See Attached

- ° Location of Site on County Roadmap

See Attached

- ° Types of Waste for Disposal:

- Miscellaneous debris from clearing and grubbing operations, such as stumps, roots, limbs, etc.
- Miscellaneous construction debris from demolition operations, such as concrete, blocks, bricks, asphalt, etc.

- ° Other Information Pertinent:

- Mr. Fred J. Wood, Waste Management Specialist, Solid Waste Section, has met with us on-site and is willing to discuss his findings with you. He can be reached at (919) 355-9000.
- Barnhill Contracting Co. is currently operating a sand pit entitled the APCO Pit or the Tarboro Pit under Permit No. 33-15.



TOWN OF TARBORO
NORTH CAROLINA

March 28, 1987

Mr. Chris Stroud
Barnhill Contracting Company
Post Office Box 1529
Tarboro, North Carolina 27886

Dear Mr. Stroud:

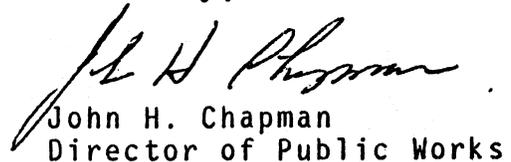
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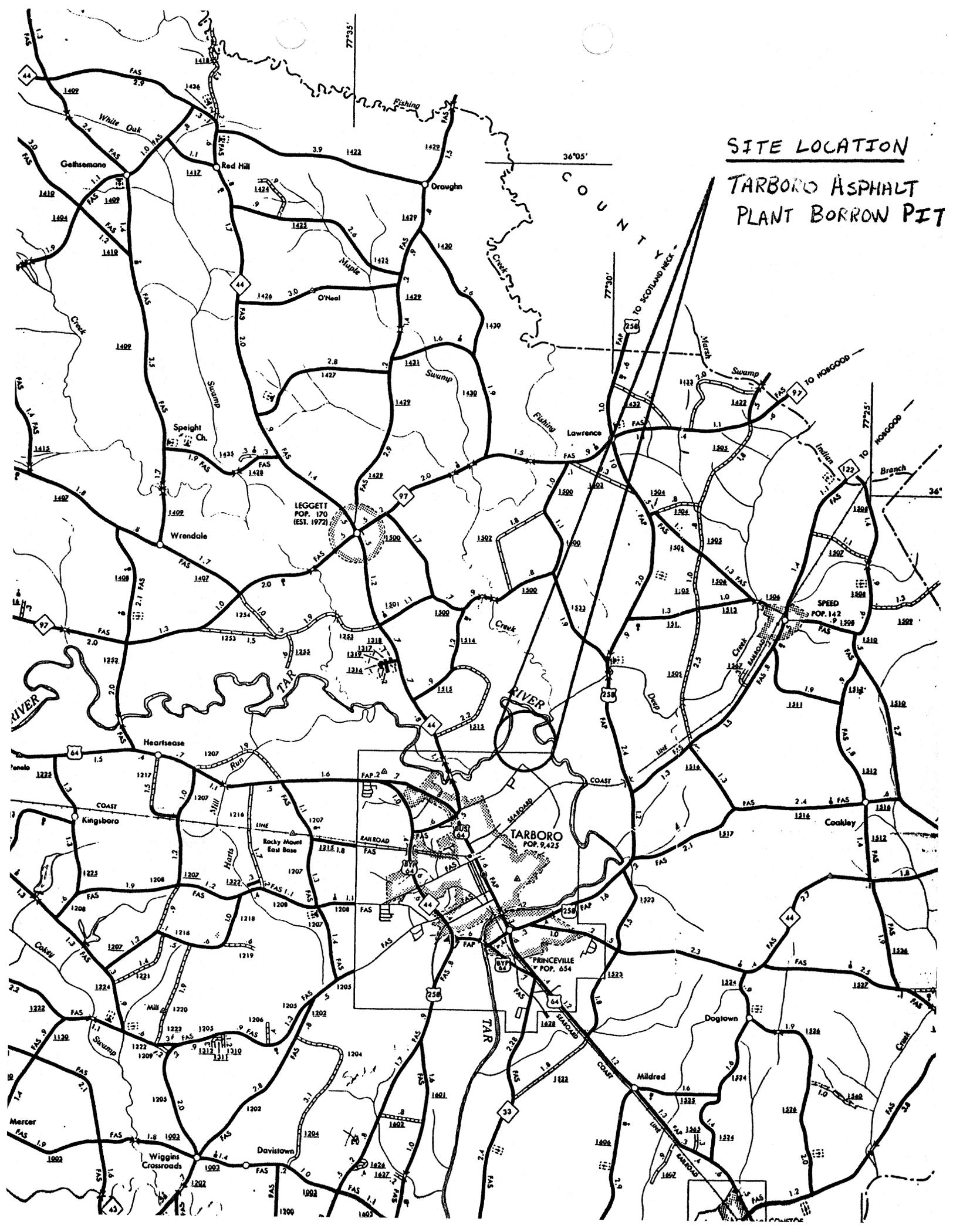
Sincerely,


John H. Chapman
Director of Public Works

JHC:ca

SITE LOCATION

TARBORO ASPHALT
PLANT BORROW PIT



77°35'

36°05'

C O U N T Y

77°30'

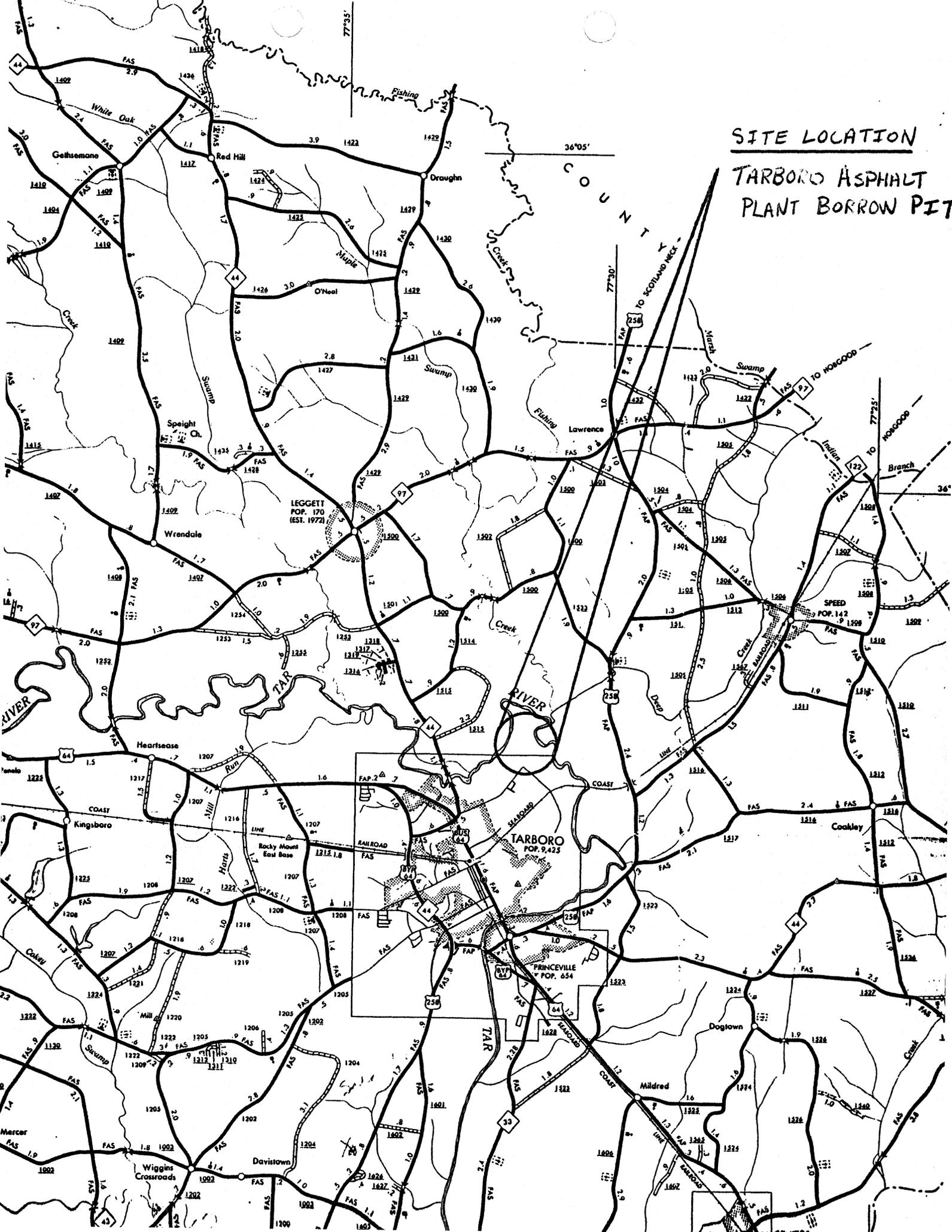
36°

TARBORO
POP. 9,425

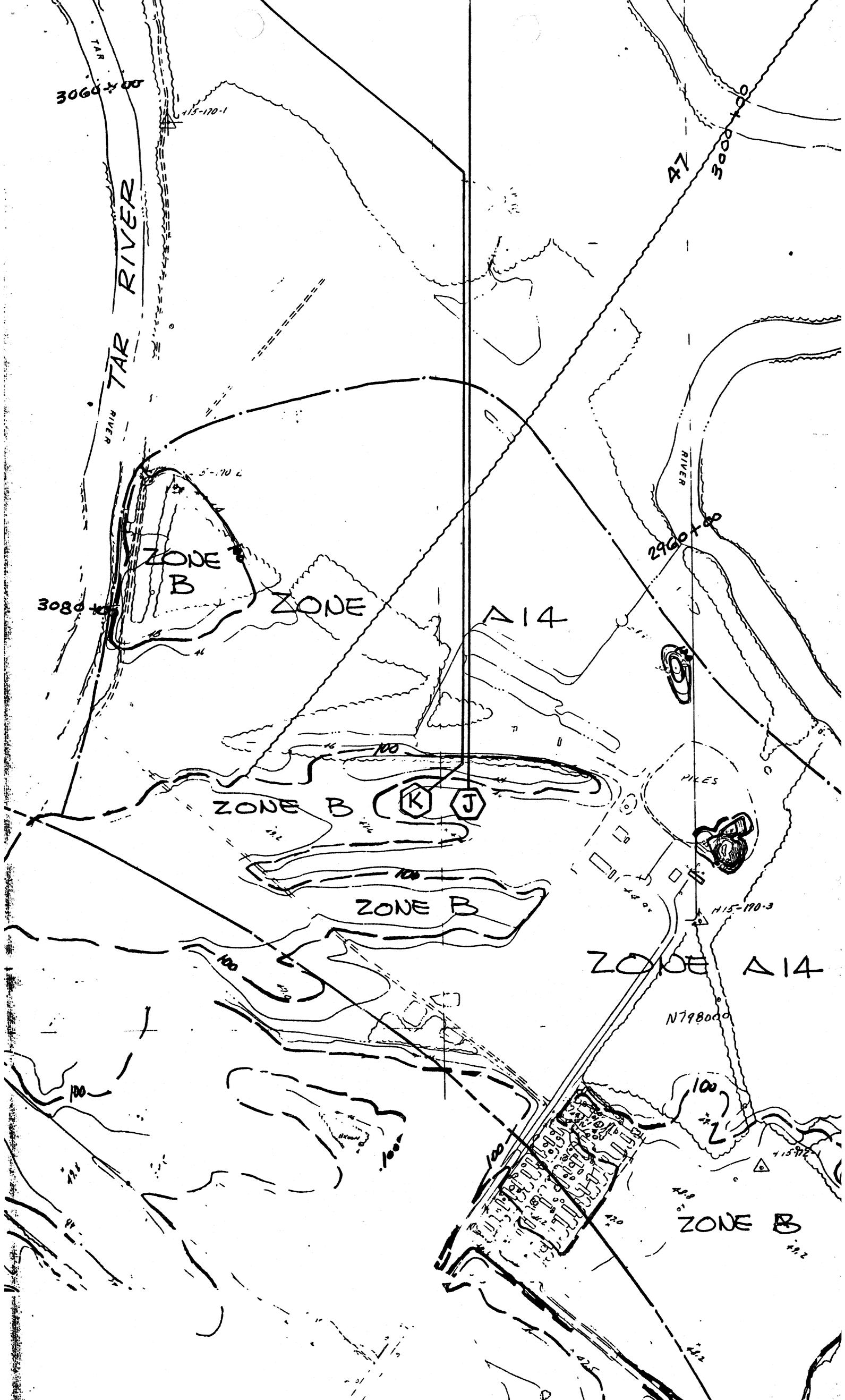
PRINCEVILLE
POP. 654

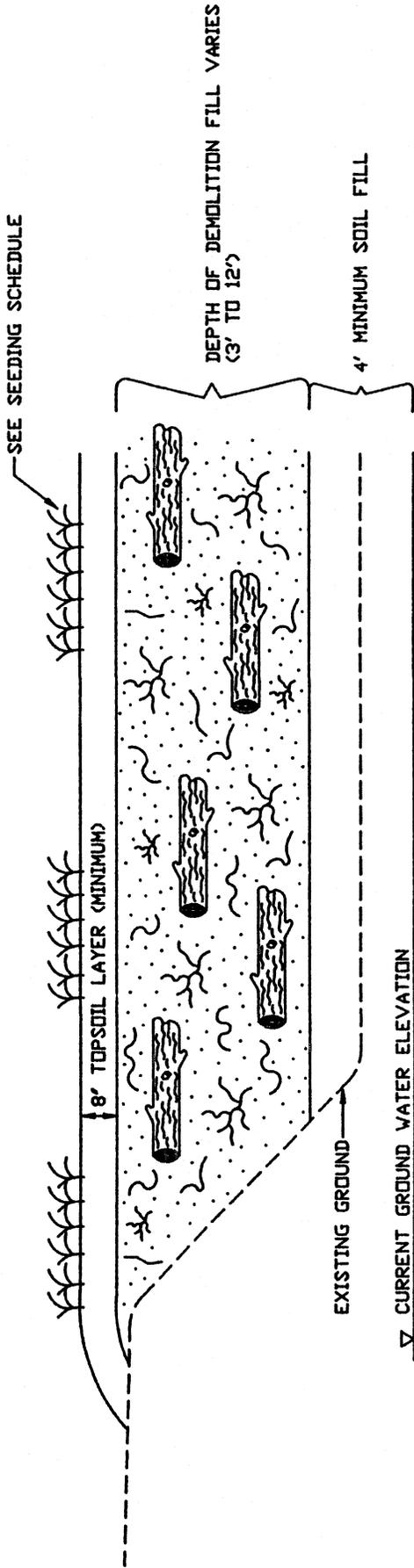
LEGGETT
POP. 170
(EST. 1972)

SPEED
POP. 142









TYPICAL SECTION OF RECLAMATION FILL

NOT TO SCALE

APPLICATION FOR A MINING PERMIT

D. RECLAMATION PLAN

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2. a. Is an excavated or impounded body of water to be left as a part of the reclamation? Yes ___ No X. If yes, illustrate the location of the body(s) of water on the reclamation map and provide a scaled cross-section(s) through the proposed body(s) of water. Will the body(s) of water be stocked with fish? Yes ___ No X. If yes, specify species.
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This pit will adjoin an existing drainage ditch and outlets from the pit to this existing drainage ditch will be protected by check dams with gravel filters.

APPLICATION FOR A MINING PERMIT
RECLAMATION PLAN

3. Describe provisions for safety to persons and to adjoining property in all completed excavations in rock including what kind of permanent barricade will be left. The location of the barricade must be shown on the reclamation map.

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**APPLICATION FOR A MINING PERMIT
RECLAMATION PLAN**

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**APPLICATION FOR A MINING PERMIT
RECLAMATION PLAN**

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**APPLICATION FOR A MINING PERMIT
RECLAMATION PLAN**

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	<u>Feb-May</u>	<u>June-Oct</u>	<u>Nov-Jan</u>
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Lime:	100#/1000 SF		
Mulch:	Straw @ 75#/1000 SF		
Tack:	200 gallons/Ac on all mulching		

Revegetation and/or reforestation plan approved by:

Signature _____ Date _____

Title Bobby L. Joyner, President

Agency Appian Consulting Engineers, P.A.

APPLICATION FOR A MINING PERMIT
RECLAMATION PLAN

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12/13/90

90-1053

1"=600'

1-1

