

HOLD FOR VERGIE  
CAROLINA GRADING & EXCAVATING CO., INC.  
Rt. 3 Box 322  
Chapel Hill, N.C. 27516

Fac/Permit/Co ID #	Date	Doc ID#
19A LC10	12/21/09	DIN 9087 DW

C-F  
19-A.  
08720  
FILED

'93 NOV 1 AM 11 40

REBA G. THOMAS  
REGISTER OF DEEDS  
CHATELAIN COUNTY, N.C.

BOOK 628 PAGE 181

**CERTIFIED COPY OF SOLID WASTE PERMIT**

I do hereby certify that the attached permit is an exact and true copy of Permit Number 19-A.

RECEIVED

NOV 12 1993

SOLID WASTE MANAGEMENT  
FAYETTEVILLE REGIONAL OFFICE

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

North Carolina

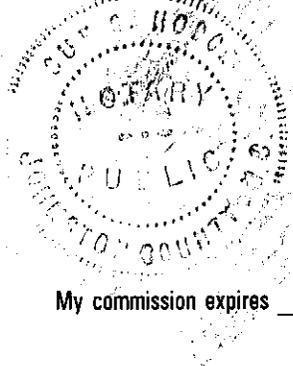
Soberton County

I, Sue S. Hodge, a Notary Public for said County and State, do hereby certify that

James C. Coffey, Supervisor, Permitting Branch, personally appeared before me this day and

acknowledged the due execution of the foregoing instrument.

Witness my hand and seal, this the 26<sup>th</sup> day of October, 1993.



*Sue S. Hodge*  
Notary Public

My commission expires October 21, 1995.

AMENDMENT TO PERMIT #19-A  
Permit Issued January 21, 1988  
Amendment #1 Issued 10/20/93

**SOLID WASTE PERMIT**

Henry L. Womble (Owner)/Bobby Arrington (Operator)

is hereby issued a permit to operate a

**LAND CLEARING AND INERT DEBRIS LANDFILL**

located off of Highway 15/501, in the Baldwin Township, Chatham County, North Carolina in accordance with Article 9, Chapter 130A of the General Statutes of North Carolina and all rules promulgated thereunder and subject to the conditions set forth in this permit. The facility is located and described by the legal description or the recorded map on the attached sheet.

  
James C. Coffey, Supervisor  
Permitting Branch  
Solid Waste Section

DEED DESCRIPTION  
(Arrington Landfill)

All that certain tract of land lying and being in Baldwin Township, Chatham County, North Carolina, more particularly described as follows:

Beginning at an existing iron pipe; said iron pipe being the northwest corner of the Forest Grove Church property (DB 304, PG 560); said pipe also being the northeast corner of Henry Womble lands and being in the southern property line of the Michael Wesley Cates property;

Thence a calculated course, S 85°16'35" W, 590.71 feet, to a computed point, the true POINT OF BEGINNING, said point also being a corner of the Arrington Landfill;

Thence with the Arrington Landfill boundary, thirteen (13) calls (all being calculated courses) as follows:

- ( 1) N 85°00'54" W, 330.51 feet to a computed point;
- ( 2) N 84°16'18" W, 233.12 feet to a computed point;
- ( 3) N 85°12'04" W, 397.17 feet to a computed point;
- ( 4) S 19°43'53" W, 160.84 feet to a computed point;
- ( 5) S 19°26'22" W, 343.25 feet to a computed point;
- ( 6) S 19°26'09" W, 215.46 feet to a computed point;
- ( 7) S 70°33'28" E, 267.83 feet to a computed point;
- ( 8) N 66°36'33" E, 182.79 feet to a computed point;
- ( 9) S 37°35'25" E, 144.09 feet to a computed point;
- (10) S 87°08'36" E, 152.11 feet to a computed point;
- (11) S 70°06'07" E, 347.12 feet to a computed point;
- (12) N 59°49'56" E, 438.94 feet to a computed point;
- (13) N 15°01'51" W, 651.25 feet to a computed point and being the POINT OF BEGINNING; containing 20.765± acres, and using reference north (PB 87, Pg 274);

This description is for the location of the landfill area only, and is not intended to be used for transacting property.

AMENDMENT TO PERMIT NUMBER 19-A  
PERMIT ISSUED: January 21, 1988  
Amendment #1 Issued 10-20-93

CONDITIONS OF PERMIT

1. This permit is issued for a period not to exceed five years from date of issuance. This permit is for the construction of the landfill according to the approved plans. Any revisions of these approved plans must be approved by the North Carolina Solid Waste Section.
2. Amendments or revisions to the NC Solid Waste Management Rules or any violation of groundwater standards may necessitate modification of the approved plans or closure of the facility.
3. **This permit shall not be effective unless the certified copy is filed in the Register of Deeds office and indexed in the grantor index under the name of the owner of the land in the county or counties in which the land is located.** The certified copy of the permit, affixed with the Register's seal and the date, book, and page number of recording shall be returned to the Division of Solid Waste Management, within thirty (30) working days, from date received.
4. When this property is sold, leased, conveyed, or transferred, the deed or other instrument of transfer shall contain in the deed description section in no smaller type than that used in the body of the deed or instrument a statement that the property has been used as a land clearing and inert debris landfill.
5. This facility is permitted to receive land clearing waste, yard trash, untreated and unpainted wood, and inert debris such as rock, brick, concrete, concrete block, and uncontaminated soil. Waste acceptance requirements may be affected by future revisions and amendments to the NC General Statutes, or to the NC Solid Waste Management Rules.
6. Waste shall be placed a minimum of four (4) feet above the seasonal high water table.
7. This facility shall conform to the operational requirements of the NC Solid Waste Management Rules, 15A NCAC 13B .0566, and to the operational plan required by 15A NCAC 13B .0565(4).

PAGE TWO

AMENDMENT TO PERMIT 19-A

Permit Issued January 21, 1988

Amendment Issued 10-20-93

- 8. The following requirements shall be met prior to receiving solid waste, within the horizontal expansion area, at the site:
  - a. A site inspection and pre-operative meeting shall be conducted by a representative of the Solid Waste Section.
  - b. A sign shall be posted at the entrance as required by the NC Solid Waste Management Rules Operational Requirements, 15A NCAC 13B .0566 (16).
  
- 9. Ground water quality at this facility is subject to the classification and remedial action provisions of 15 NCAC 2L.
  
- 10. An approved sedimentation and erosion control plan shall be obtained prior to the beginning of earth disturbing activities and all such activities shall be conducted in accordance with the Sedimentation Pollution Control Act of 1973 (15 NCAC 4).

NORTH CAROLINA, CHATHAM COUNTY

The foregoing Certificate(s) of SUE S. HODGE, Notary(ies) Public,

is(are) certified to be correct. This instrument was presented for registration at 11:40 o'clock a.m. on November 1, 1993, and recorded in Book 628, Page 181.

Reba G. Thomas, REGISTER OF DEEDS FOR CHATHAM COUNTY

By *Sue S. Hodge* Assistant - Register of Deeds.

**State of North Carolina**  
**Department of Environment,**  
**Health and Natural Resources**  
Division of Solid Waste Management  
Fayetteville Regional Office



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

October 20, 1993

Mr. Bobby Arrington  
Carolina Grading and Excavating  
Route 3, Box 322  
Chapel Hill, North Carolina 27516

Subject: Amendment #1 to Permit # 19-A  
Vertical and Horizontal Expansion of Arrington  
Land Clearing and Inert Debris Landfill  
Baldwin Township, Chatham County, N.C.

Dear Mr. Arrington:

Enclosed please find an Amendment to the Solid Waste Permit and Conditions of the Solid Waste Permit for the above referenced landfill.

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

Also note Condition No. 8, which requires that we hold a pre-operative meeting. Please contact me when you are ready to schedule such a meeting. If you have questions about your permit, please contact me at (919) 486-1191.

Sincerely,

Jim Barber  
Eastern Area Engineer  
Solid Waste Section

cc: Jim Coffey  
Terry Dover  
Mark Fry  
Robert Hearn

AMENDMENT TO PERMIT NUMBER 19-A  
PERMIT ISSUED: January 21, 1988  
Amendment #1 Issued 10-20-93

CONDITIONS OF PERMIT

1. This permit is issued for a period not to exceed five years from date of issuance. This permit is for the construction of the landfill according to the approved plans. Any revisions of these approved plans must be approved by the North Carolina Solid Waste Section.
2. Amendments or revisions to the NC Solid Waste Management Rules or any violation of groundwater standards may necessitate modification of the approved plans or closure of the facility.
3. **This permit shall not be effective unless the certified copy is filed in the Register of Deeds office and indexed in the grantor index under the name of the owner of the land in the county or counties in which the land is located.** The certified copy of the permit, affixed with the Register's seal and the date, book, and page number of recording shall be returned to the Division of Solid Waste Management, within thirty (30) working days, from date received.
4. When this property is sold, leased, conveyed, or transferred, the deed or other instrument of transfer shall contain in the deed description section in no smaller type than that used in the body of the deed or instrument a statement that the property has been used as a land clearing and inert debris landfill.
5. This facility is permitted to receive land clearing waste, yard trash, untreated and unpainted wood, and inert debris such as rock, brick, concrete, concrete block, and uncontaminated soil. Waste acceptance requirements may be affected by future revisions and amendments to the NC General Statutes, or to the NC Solid Waste Management Rules.
6. Waste shall be placed a minimum of four (4) feet above the seasonal high water table.
7. This facility shall conform to the operational requirements of the NC Solid Waste Management Rules, 15A NCAC 13B .0566, and to the operational plan required by 15A NCAC 13B .0565(4).

PAGE TWO  
AMENDMENT TO PERMIT 19-A  
Permit Issued January 21, 1988  
Amendment Issued 10-20-93

8. The following requirements shall be met **prior to receiving solid waste, within the horizontal expansion area, at the site:**
  - a. A site inspection and pre-operative meeting shall be conducted by a representative of the Solid Waste Section.
  - b. A sign shall be posted at the entrance as required by the NC Solid Waste Management Rules Operational Requirements, 15A NCAC 13B .0566 (16).
  
9. Ground water quality at this facility is subject to the classification and remedial action provisions of 15 NCAC 2L.
  
10. An approved sedimentation and erosion control plan shall be obtained prior to the beginning of earth disturbing activities and all such activities shall be conducted in accordance with the Sedimentation Pollution Control Act of 1973 (15 NCAC 4).

DEED DESCRIPTION  
(Arrington Landfill)

All that certain tract of land lying and being in Baldwin Township, Chatham County, North Carolina, more particularly described as follows:

Beginning at an existing iron pipe; said iron pipe being the northwest corner of the Forest Grove Church property (DB 304, PG 560); said pipe also being the northeast corner of Henry Womble lands and being in the southern property line of the Michael Wesley Cates property;

Thence a calculated course, S 85°16'35" W, 590.71 feet, to a computed point, the true POINT OF BEGINNING, said point also being a corner of the Arrington Landfill;

Thence with the Arrington Landfill boundary, thirteen (13) calls (all being calculated courses) as follows:

- ( 1) N 85°00'54" W, 330.51 feet to a computed point;
- ( 2) N 84°16'18" W, 233.12 feet to a computed point;
- ( 3) N 85°12'04" W, 397.17 feet to a computed point;
- ( 4) S 19°43'53" W, 160.84 feet to a computed point;
- ( 5) S 19°26'22" W, 343.25 feet to a computed point;
- ( 6) S 19°26'09" W, 215.46 feet to a computed point;
- ( 7) S 70°33'28" E, 267.83 feet to a computed point;
- ( 8) N 66°36'33" E, 182.79 feet to a computed point;
- ( 9) S 37°35'25" E, 144.09 feet to a computed point;
- (10) S 87°08'36" E, 152.11 feet to a computed point;
- (11) S 70°06'07" E, 347.12 feet to a computed point;
- (12) N 59°49'56" E, 438.94 feet to a computed point;
- (13) N 15°01'51" W, 651.25 feet to a computed point and being the POINT OF BEGINNING; containing 20.765± acres, and using reference north (PB 87, Pg 274);

This description is for the location of the landfill area only, and is not intended to be used for transacting property.

AMENDMENT TO PERMIT #19-A  
Permit Issued January 21, 1988  
Amendment #1 Issued 10/20/93

**SOLID WASTE PERMIT**

Henry L. Womble (Owner)/Bobby Arrington (Operator)

is hereby issued a permit to operate a

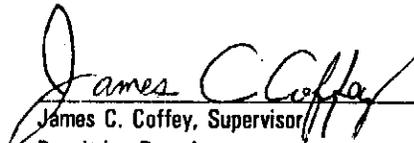
**LAND CLEARING AND INERT DEBRIS LANDFILL**

located off of Highway 15/501, in the Baldwin Township, Chatham County, North Carolina in accordance with Article 9, Chapter 130A of the General Statutes of North Carolina and all rules promulgated thereunder and subject to the conditions set forth in this permit. The facility is located and described by the legal description or the recorded map on the attached sheet.

  
James C. Coffey, Supervisor  
Permitting Branch  
Solid Waste Section

**CERTIFIED COPY OF SOLID WASTE PERMIT**

I do hereby certify that the attached permit is an exact and true copy of Permit Number 19-A.

  
James C. Coffey, Supervisor  
Permitting Branch  
Solid Waste Section

North Carolina

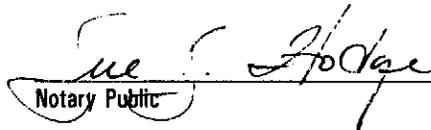
Johnston County

I, Sue S. Hodge, a Notary Public for said County and State, do hereby certify that

James C. Coffey, Supervisor, Permitting Branch, personally appeared before me this day and

acknowledged the due execution of the foregoing instrument.

Witness my hand and seal, this the 26<sup>th</sup> day of October, 1993.

  
Notary Public

My commission expires October 21, 1995.

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



**James B.**  
**Jonathan**  
**William L.**

Mr. Bob  
 Carolina  
 Route 3,  
 Chapel Hill

Subject:

**SENDER:** Complete items 1 and 2 when additional services are desired, and complete items 3 and 4.  
 Put your address in the "RETURN TO" Space on reverse side. Failure to do this will prevent this card from being returned to you. The return receipt fee will provide you the name of the person delivered to and the date of delivery. For additional fees the following services are available. Consult postmaster for fees and check box(es) for additional service(s) requested.

1.  Show to whom delivered, date, and addressee's address. 2.  Restricted Delivery (Extra charge)

3. Article Addressed to:  
**MR BOBBY ARRINGTON**  
**CAROLINA GRADING AND EXCAVATING**  
**ROUTE 3 BOX 322**  
**CHAPEL HILL NORTH CAROLINA 27516**

4. Article Number  
**P233 873 549**

Type of Service:  
 Registered  Insured  
 Certified  COD  
 Express Mail  Return Receipt for Merchandise

Always obtain signature of addressee or agent and **DATE DELIVERED.**

5. Signature - Addressee  
**X**

6. Signature - Agent  
**X** *Wesley H. Arrington*

7. Date of Delivery  
**NOV 4 1993**

8. Addressee's Address (ONLY if requested and fee paid)

PS Form 3811, Apr. 1989

\*U.S.G.P.O. 1989-238-815

DOMESTIC RETURN RECEIPT

Dear Mr. Arrington:

Enclosed please find an Air Waste Permit for the above

Please note Condition No. 3 in the Register of Deeds office (30) working days, from date of Register's seal.

Also note Condition No. 8, please contact me at (919) 488-1191 when you are ready to record.

Sincerely,

*Jim Barber*

**Jim Barber**  
**Eastern Area Engineer**  
**Solid Waste Section**

cc: **Jim Coffey**  
**Terry Dover**  
**Mark Fry**  
**Robert Hearn**



**Receipt for Certified Mail**

No Insurance Coverage Provided  
 Do not use for International Mail  
 (See Reverse)

P 233 873 549

Sent to **Bobby Arrington**

Street and No. **Rt. 3 Box 322**

P.O., State and ZIP Code **Chapel Hill N.C. 27516**

Postage \$

Certified Fee

Special Delivery Fee

Restricted Delivery Fee

Return Receipt Showing to Whom & Date Delivered

Return Receipt Showing to Whom, Date, and Addressee's Address

TOTAL Postage & Fees \$

Postmark or Date

PS Form 3800, June 1991

Conditions of the Solid

the certified copy is filed with the Waste Section, within thirty days of recording, and

at the next public hearing. Please contact the Waste Section for questions about your permit.

# TRANSMITTAL FORM

**PHILIP  
POST  
&  
ASSOCIATES**

ENGINEERS  
PLANNERS  
SURVEYORS

To Division of Solid Waste Mgmt. Date 10-12-93  
225 Greene Street  
Wachovia Building Suite 601 Job number 42100A  
Fayetteville, NC 28301

Attention Jim Barber

Job name Arrington Landfill

We are sending  Attached  Under separate cover via US Mail

Copies	Date	Sheet no.	Description
1	10/11/93	1	Deed Description- Arrington Landfill

Remarks

for your records

RECEIVED

OCT 15 1993

SOLID WASTE MANAGEMENT  
FAYETTEVILLE REGIONAL OFFICE

RECEIVED

SOLID WASTE MANAGEMENT  
FAYETTEVILLE REGIONAL OFFICE

401 Providence Road  
Chapel Hill, NC 27514  
(919) 929-1173  
(919) 493-2600  
(919) 850-9662  
FAX (919) 493-6548

822 North Elm Street  
Greensboro, NC 27401  
(919) 273-7711  
FAX (919) 370-9970

Signed

*Dan Brubaker*

Dan Brubaker

CKDA

Copy to

Bobby Arrington

PHILIP  
POST  
&  
ASSOCIATES

October 11, 1993  
#42100A

DEED DESCRIPTION  
(Arrington Landfill)

All that certain tract of land lying and being in Baldwin Township, Chatham County, North Carolina, more particularly described as follows:

Beginning at an existing iron pipe; said iron pipe being the northwest corner of the Forest Grove Church property (DB 304, PG 560); said pipe also being the northeast corner of Henry Womble lands and being in the southern property line of the Michael Wesley Cates property;

Thence a calculated course, S 85°16'35" W, 590.71 feet, to a computed point, the true POINT OF BEGINNING, said point also being a corner of the Arrington Landfill;

Thence with the Arrington Landfill boundary, thirteen (13) calls (all being calculated courses) as follows:

- ( 1) N 85°00'54" W, 330.51 feet to a computed point;
- ( 2) N 84°16'18" W, 233.12 feet to a computed point;
- ( 3) N 85°12'04" W, 397.17 feet to a computed point;
- ( 4) S 19°43'53" W, 160.84 feet to a computed point;
- ( 5) S 19°26'22" W, 343.25 feet to a computed point;
- ( 6) S 19°26'09" W, 215.46 feet to a computed point;
- ( 7) S 70°33'28" E, 267.83 feet to a computed point;
- ( 8) N 66°36'33" E, 182.79 feet to a computed point;
- ( 9) S 37°35'25" E, 144.09 feet to a computed point;
- (10) S 87°08'36" E, 152.11 feet to a computed point;
- (11) S 70°06'07" E, 347.12 feet to a computed point;
- (12) N 59°49'56" E, 438.94 feet to a computed point;
- (13) N 15°01'51" W, 651.25 feet to a computed point and being the POINT OF BEGINNING; containing 20.765± acres, and using reference north (PB 87, Pg 274);

This description is for the location of the landfill area only, and is not intended to be used for transacting property.

**PHILIP  
POST**

**FAX  
NOTICE**

**&**

**ASSOCIATES**

ENGINEERS, PLANNERS, AND SURVEYORS  
401 PROVIDENCE ROAD, SUITE 200  
CHAPEL HILL, NC 27514  
PHONE: (919) 929-1173, 493-2600, 850-9662  
FAX: 493-6548

TOTAL NUMBER OF PAGES, INCLUDING THIS SHEET: 2

**TO: JIM BARBER**

ATTENTION: DIVISION OF SOLID WASTE MANAGEMENT

DATE: 28-Sep-93

REGARDING: ARRINGTON LANDFILL (CHATHAM COUNTY, 19-A)

JOB: 42100A

MESSAGE: Following is a copy of the deed for the landfill property - Deed Book FY, Page 182. The outparcels along US 15-501 and the subdivision to the south have since been sold. Please call me if you have any questions.

FROM: Dan Brubaker

RECORD OF DEEDS FY

182

W.A. Seagroves, N.P.  
Wake County, N.C.,  
North Carolina, Chatham County.

W.A. Seagroves, Notary Public  
My Commission expires July 30, 1911.

The foregoing certificate of W.A. Seagroves, a Notary Public for said County and State is adjudged to be correct. Let the instrument with this certificate be registered. Witness my hand and official seal, this 3 dy of August, 1922.

J. Dewey Dorsett, Clerk Superior Court.

Filed for registration August 3rd. 1922 at 9 O'Clock A.M. and registered.

C.C. Poe, Register of Deeds.

North Carolina:  
Chatham County:

This deed, made this the 31st. day of January, 1922, by and between S.W. Oldham, and Emma E. Oldham, his wife, of Orange County, and State of North Carolina, parties of the first part, and James A. Oldham, and Beulah Oldham, his wife, of Chatham County, State of North Carolina, parties of the second part

WITNESSETH That the said parties of the first part for and in consideration of the sum of TEN DOLLARS and other good and valuable considerations to them paid by the said parties of the second part, the receipt of which is hereby acknowledged, have given, granted, bargained, and sold and by these presents do give, grant, bargain, sell and convey to said James A. Oldham, and his wife, Beulah Oldham, and their heirs and assigns, all the right, title and interest which they have in and to a certain tract or parcel of land in Baldwin Township, Chatham County, State of North Carolina, described and bounded as follows, to-wit:

Beginning at a black Jack on the Chapel Hill and Pittsboro road at the corner of cotton gin lot and running N. 85 W. 4 chains and 50 links to a rock in the middle of the road in J.C. Blake's line; thence N. 30 W. with said road 5 chains and 40 links to pointers in W.C. Cole's line; thence N. 7 E. 27 chains to pointers W.C. Cole's corner; thence N. 14 E. 17 chains and 35 links to a stake in the Pritchard Mill road; thence E. 27 chains and 21 links to a white oak stump on the Chap l Hill and Pittsboro roads J.R. Mescham corner; thence Southward with said road as it meanders 59 chains and 50 links to the first station, containing 98 acres, more or less.

Beginning at a black Jack Except, however from this conveyance the 2 -1/10 acres, more or less conveyed to William C. Cole Sr., on Feb. 14, 1918, and recorded in the office of the Register of Deeds for Chatham County, in Book P.J. page 693.

It is the intention of this deed to carry out the terms of an agreement made and entered into between James A. Oldham and wife, Beulah Oldham and Sidney W. Oldham and Eugene B. Oldham, on the 12 day of July 1916; and which agreement is recorded in the office of the Register of Deeds for Chatham County in Book P.P. page 559. 560.

TO HAVE AND TO HOLD all the right, title and interest which the said S.W. Oldham, and wife, Emma E. Oldham, have in and to the aforesaid tract of land and all privileges and appurtenances thereto belonging or in anywise thereto appertaining, to the said party of the second part, their heirs and assigns, to their only use and behoof forever.

And the said parties of the first part covenant that they are seized of said interest in fee, and have the right to convey the same in fee simple, that the same is free and clear from all encumbrances and that they will warrant and defend the said title to the same against the lawful claims of all persons whomsoever.

In testimony whereof, the said S.W. Oldham, and wife, Emma E. Oldham, have hereunto set their hands and seals, the day and year above written.

S.W. Oldham (Seal)  
Emma E. Oldham (Seal)

North Carolina :  
Chatham County:

I, T. Jones Taylor, a Notary Public for Martin County and State, do hereby certify that the S.W. Oldham, and wife, Emma E. Oldham, personally appeared before me this day and acknowledged the due execution of the foregoing deed of conveyance; and the said Emma E. Oldham, being by me privately examined, separate and apart from her said husband, touching her voluntary execution of the same, doth state that she signed the same freely and voluntarily, without fear or compulsion of her said husband or of any other person and that she doth still voluntarily assent thereto.

T. Jones Taylor, N.P.  
Martin County, N.C.  
North Carolina:  
Chatham County:

T. Jones Taylor, Notary Public.  
My Commission expires Sept. 29th. 1922.

The foregoing certificate of T. Taylor, a Notary Public for North Carolina, in said County, is adjudged to be correct. Let the instrument, with this certificate be registered.

Witness my hand and official seal, this the 3 Day of August, 1922.

Witness my hand : official seal, this the 3 Day of August 1922.

Filed for registration August 3rd 1922, at 9 o'clock A.M. J. Dewy Dorsett, Clerk Superior Court .  
C.C. P.O., registered.

(H. O. W.)  
Henderson

Register of Deeds.

North Carolina  
Chatham County

This Deed, made this 7th day of April, 1920, by The Lane Realty Company, a corporation created, organized and existing under and by virtue of the laws of the State of North Carolina, with its principal office and place of business in Siler City, N.C., party of the first part, to The Oval Oak Manufacturing Company, a corporation created, organized and existing under and by virtue of the laws of the State of North Carolina, party of the second part;

WITNESSETH: That for and in consideration of the sum of One Thousand Dollars and other good and valuable consideration paid by the party of the second part to the party of the first part, the receipt of which is hereby acknowledged, the said party of the first

ere  
tor  
to  
the  
-11  
an  
Nor  
Cha  
here  
this  
expr  
and  
dotb  
said

**PHILIP  
POST  
&  
ASSOCIATES**

**TRANSMITTAL FORM**

RECEIVED  
SEP 21 1993  
SOLID WASTE MANAGEMENT  
FAYETTEVILLE REGIONAL OFFICE

ENGINEERS  
PLANNERS  
SURVEYORS

To DEHNR  
Division of Solid Waste Mgt.  
225 Greene Street  
Wachovia Bldg., Suite 601  
Fayetteville, NC 28301

Date September 20, 1993  
Job number 42100A  
Job name Arrington Landfill

Attn: Jim Barber  
We are sending  Attached  Under separate cover via US Mail

Copies	Date	Sheet no.	Description
1	9/20/93	1	Cover Letter
5	9/8/93	1-3	Landfill Plans
1	7/16/91	1	FEMA Map 370299-0075 B
1	9/20/93	1	Cover Letter to Land Quality Section
5	4/2/65	2	Deed
1	10/28/91	7	Approved Mining Permit
3	5/22/91	1-3	Mine Plans

Remarks See cover letter.

3 12/4/87 1 BRADY GOFORTH SURVEY

401 Providence Road  
Chapel Hill, NC 27514  
(919) 929-1173  
(919) 493-2600  
(919) 850-9662  
FAX (919) 493-6548

Signed Dan Brubaker  
Dan Brubaker

Copy to

822 North Elm Street  
Greensboro, NC 27401  
(919) 273-7711  
FAX (919) 370-9970

PHILIP

POST

&

ASSOCIATES

September 20, 1993  
#42100A

Department of Environment, Health, and Natural Resources  
Division of Solid Waste Management  
225 Greene Street  
Wachovia Building, Suite 601  
Fayetteville, NC 28301  
Attn.: Jim Barber

RECEIVED

SEP 21 1993

Re.: Carolina Grading and Excavating Landfill Permit  
SOLID WASTE MANAGEMENT  
FAYETTEVILLE REGIONAL OFFICE

Dear Mr. Barber:

We have addressed your concerns regarding the proposed expansion to the Carolina Grading and Excavating Landfill. Specifically, the items are as follows:

- 1) The site gate is shown on the plan;
- 2) A copy of the FEMA map showing the landfill site is included;
- 3) In case a fire gets out of control on site, fire protection is provided by the North Chatham Fire District;
- 4) Five copies of the revised plans are included;
- 5) We have sent one set of plans to John Holley's office;
- 6) Enclosed is a copy of the current property deed;
- 7) The original approval letter from DEHNR, Land Quality Section, for the mine is enclosed;
- 8) The fill area of the landfill shall not extend south of the drainageway. This note has also been added to the plans.

If you have any further comments, or require additional information, please let me know. Thank you.

Sincerely,

*Dan Brubaker*

Dan Brubaker

xc. Bobby Arrington

ENGINEERS  
PLANNERS  
SURVEYORS

---

401 Providence Road  
P.O. Box 2134  
Chapel Hill, NC 27515-2134  
(919) 929-1173  
(919) 493-2600

**PHILIP**

**POST**

**&**

**ASSOCIATES**

September 20, 1993  
#42100A

John L. Holley, Jr., PE CPESC  
Land Quality Section  
3800 Barrett Drive  
P.O. Box 27687  
Raleigh, NC 27611-7687

Re.: Arrington Mine / Arrington Landfill

Dear Mr. Holley:

Bobby Arrington, operator of the Carolina Grading Mine (and Carolina Grading Landfill, located on the same property) would like to expand his permitted mining operations to include the area south of the existing permitted mine to the existing erosion control basin. We are enclosing plans which show this expanded mine and proposed expanded landfill area. Jim Barber, with the State Solid Waste Management Division, has been contacted about the proposed landfill expansion.

The existing landfill permit number is 19-A (originally issued 1-21-88). The existing mining permit number is 19-13 (issued 10-28-91). The enclosed calculations show that the existing sediment basin has the capacity to handle the 25-year storm for the proposed mine area, except the rip-rap outlet protection must be expanded from 10' x 11.25' x 0.67' to 11' x 12.5' x 1.0'. The operator will be asked to make the modification.

Please comment on any additional fees or erosion control measures which will be required for the expanded mine. Call me if you have any questions. Tracy E. Davis handled the original mining permit for your office in 1991.

Best Regards,

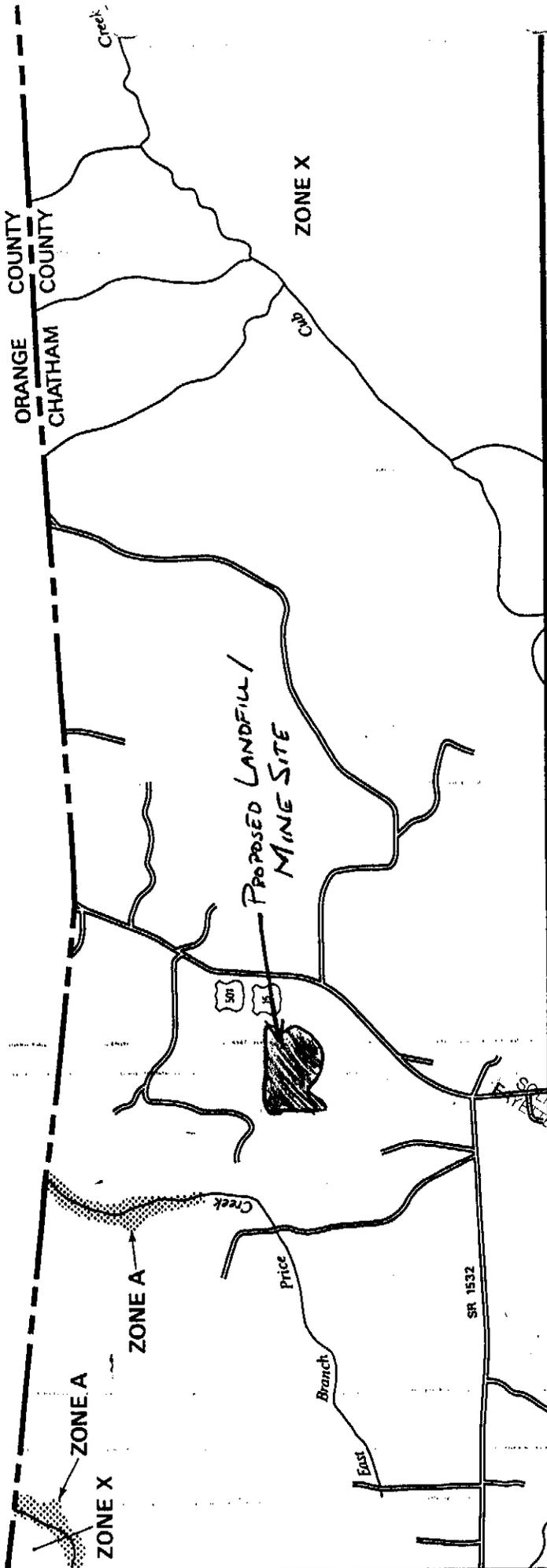
*Dan Brubaker*  
Dan Brubaker

xc. Bobby Arrington  
Jim Barber

ENGINEERS  
PLANNERS  
SURVEYORS

401 Providence Road  
P.O. Box 2134  
Chapel Hill, NC 27515-2134  
(919) 929-1173  
(919) 493-2600

RECEIVED  
SEP 21 1993  
SOLID WASTE MANAGEMENT  
FAYETTEVILLE REGIONAL OFFICE



FEMA MAP: 370299-0075 B

EFFECTIVE: JULY 16, 1991

CHATHAM COUNTY, NC

RECEIVED  
 SEP 21 1993  
 SOLID WASTE MANAGEMENT  
 FAYETTEVILLE REGIONAL OFFICE



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

October 28, 1991

Mr. Bobby Arrington  
Route 3, Box 322  
Chapel Hill, NC 27516

RE: Carolina Grading Mine  
Chatham County

Dear Mr. Arrington:

The application for a mining permit for the Carolina Grading Mine in Chatham County has been found to meet the requirements of G.S. 74-51 of The Mining Act of 1971. As we have received the required surety to cover this application, I am enclosing the mining permit.

The conditions of Mining Permit No. 19-13 were based primarily upon information supplied in the application with conditions added as necessary to insure compliance with The Mining Act of 1971. This permit expires on October 28, 2001. G. S. 74-65 states that the issuance of a mining permit does not supercede local zoning regulations. The responsibility of compliance with any applicable zoning regulations lies with you.

Please review the permit and notify this office at (919) 733-4574 of any objection or question concerning the terms of the permit.

Sincerely,

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

TED/BUC/se

Enclosure

cc: Mr. John Holley, P.E.

RECEIVED  
SEP 21 1993  
SOLID WASTE MANAGEMENT  
FAYETTEVILLE REGIONAL OFFICE

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:

Bobby Arrington

Carolina Grading Mine

Chatham Mine - Permit No. 19-13

for the operation of a

Gravel Mine

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.

#### Expiration Date

This permit shall be effective from the date of its issuance until October 28, 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. A. 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.  
B. Sediment and erosion control measures shall be installed as indicated on the Preliminary Mine Map for the Arrington Mine prepared by Phillip Post and Associates on May 20, 1991 and revised July 26, 1991 with the following stipulations:
  - (1) The concrete anchor for the riser basin shall have a volume of at least 19.5 cubic feet.
  - (2) The western diversion shall be lined with 18 inches of NCDOT Class I riprap, or a comparable alternative.
5. 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.
6. 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.
7. Existing vegetation or vegetated earthen berms shall be maintained between the mine and public thoroughfares whenever practical to screen the operation from the public.
8. Sufficient buffer (a minimum of 40 feet undisturbed) 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.

9. A physical barrier consisting of a fence or earthen berm, etc., shall be maintained around the perimeter of any highwall.
10. 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.
11. 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.
12. The security which was posted pursuant to N.C.G.S. 74-54 in the form of a \$2,500.00 Assignment of Savings Account 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.
13.
  - 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 regrade and satisfactorily revegetate any disturbed areas.
2. The specifications for surface gradient restoration to a surface suitable for the planned future use are as follows:
  - A. All sideslopes shall be graded to a 3 horizontal to 1 vertical or flatter slope.
  - B. Any settling ponds or sediment basins shall be backfilled and stabilized.

- C. The processing, stockpile, and other disturbed areas neighboring the mine excavation shall be leveled and smoothed.
- D. Compacted surfaces shall be disced, subsoiled or otherwise prepared before revegetation.
- E. 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.
- F. 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 as outlined on the Reclamation Map for the Arrington Mine dated May 20, 1991.

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 one year of completion or termination of mining.

Permit issued this 28th day of October, 1991.

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

**.0563 APPLICABILITY REQUIREMENTS FOR LAND CLEARING AND INERT DEBRIS (LCID) LANDFILLS**

Management of land clearing and inert debris shall be in accordance with the State hierarchy for managing solid waste as provided for under N.C.G.S. § 130A-309.04(a). Disposal in a landfill is considered to be the least desirable method of managing land clearing and inert debris. Where landfilling is necessary, the requirements of this Rule apply.

- (1) An individual permit from the Division of Solid Waste Management is not required for Land Clearing and Inert Debris (LCID) landfills that meet all of the following conditions:
  - (a) The facility is to be operated for the disposal of land clearing waste, inert debris, untreated wood, and yard trash. Operations must be consistent and in compliance with the local government solid waste management plan as approved by the Division of Solid Waste Management.
  - (b) The total disposal area is under two acres in size.
  - (c) The facility and practices comply with the siting criteria under Rule .0564, and operational requirements under Rule .0566.
  - (d) The fill activity is not exempt from, and must comply with all other Federal, State, or Local laws, ordinances, Rules, regulations, or orders, including but not limited to zoning restrictions, flood plain restrictions, wetland restrictions, sedimentation and erosion control requirements, and mining regulations.
- (2) Where an individual permit is not required, the following applies:
  - (a) The owner of the land where the landfill is located must notify the Division on a prescribed form, duly signed, notarized, and recorded as per Rule .0563(2)(b). The operator of the landfill, if different from the land owner, shall also sign the notification form.
  - (b) The owner must file the prescribed notification form for recordation in the Register of Deeds' Office. The Register of Deeds shall index the notification in the grantor index under the name of the owner of the land in the county or counties in which the land is located. A copy of the recorded notification, affixed with the Register's seal and the date, book and page number of recording shall be sent to the Division of Solid Waste Management.
  - (c) When the land on which the Land Clearing and Inert Debris Landfill is sold, leased, conveyed, or transferred in any manner, 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 Land Clearing and Inert Debris Landfill and a reference by book and page to the recordation of the notification.
- (3) An individual permit is required, except for landfills subject to .0563(5), for the construction and operation of a Land Clearing and Inert Debris (LCID) landfill when:
  - (a) The facility is to be operated for the disposal of land clearing waste, inert debris, untreated wood, and yard trash. Operations must be consistent and in compliance with the local government solid waste management plan as approved by the Division of Solid Waste Management, and
  - (b) The total disposal area is greater than two acres in size.
- (4) Individual permits for land clearing and inert debris landfills shall be issued for not more than five years.
- (5) Landfilling of land clearing and inert debris generated solely from, and within the right of way of, North Carolina Department of Transportation projects shall be subject to the following:
  - (a) Only waste types as described in .0563(1)(a) may be disposed of within the Department of Transportation right of way.
  - (b) Waste is landfilled within the project right of way from which it was generated.
  - (c) The disposal area shall not exceed two contiguous acres in size.
  - (d) Disposal sites shall comply with the siting requirements of .0564 except for .0564(10).
  - (e) Disposal sites are not subject to the requirements of .0563(2) and .0204.

- (6) Landfills that are currently permitted as demolition landfills are required to comply with the following:
- (a) Only waste types as described in .0563(3)(a) may be accepted for disposal, as of the effective date of this Rule unless otherwise specified in the existing permit.
  - (b) Operations must be in compliance with .0566 as of the effective date of this Rule.
  - (c) Existing demolition landfills must comply with the siting criteria requirements of these Rules as of January 1, 1998 or cease operations and close in accordance with these Rules.

*History Note: Statutory Authority G.S. 130A-294; 130A-301;  
Eff. January 4, 1993.*

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

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

- ✓(1) Facilities or practices, shall not be located in the 100-year floodplain.
- ✓(2) Facilities or practices shall not cause or contribute to the taking of any endangered or threatened species of plants, fish, or wildlife.
- ✓(3) Facilities or practices shall not result in the destruction or adverse modification of the critical habitat of endangered or threatened species as identified in 50 CFR Part 17 which is hereby incorporated by reference including any subsequent amendments and editions. This material is available for inspection at the Department of Environment, Health, and Natural Resources, Division of Solid Waste Management, 401 Oberlin Road, Raleigh, North Carolina 27605 where copies can be obtained at no cost.
- ✓(4) Facilities or practices shall not damage or destroy an archaeological or historical site.
- ✓(5) Facilities or practices shall not cause an adverse impact on a state park, recreation or scenic area, or any other lands included in the state nature and historic preserve.
- ✓(6) Facilities shall not be located in any wetland as defined in the Clean Water Act, Section 404(b).
- ✓(7) It must be shown that adequate suitable soils are available for cover, either from on or off site.
- ✓(8) Land Clearing and Inert Debris landfills shall meet the following surface and ground water requirements:
  - ✓(a) Facilities or practices shall not cause a discharge of pollutants into waters of the state that is in violation of the requirements of the National Pollutant Discharge Elimination System (NPDES), under Section 402 of the Clean Water Act, as amended.
  - ✓(b) Facilities or practices shall not cause a discharge of dredged materials or fill material into waters of the state that is in violation of the requirements under Section 404 of the Clean Water Act, as amended.
  - ✓(c) Facilities or practices shall not cause non-point source pollution of waters of the state that violates assigned water quality standards.
  - ✓(d) Waste in landfills with a disposal area greater than two acres shall be placed a minimum of four feet above the seasonal high water table, except where an alternative separation is approved by the Division.
  - ✓(e) Waste in landfills with a disposal area less than two acres shall be placed above the seasonal high water table.
- ✓(9) The facility shall meet the following minimum buffer requirements:
  - ✓(a) 50 feet from the waste boundary to all surface waters of the state as defined in G.S. 143-212.
  - ✓(b) 100 feet from the disposal area to property lines, residential dwellings, commercial or public buildings, and wells.
  - ✓(c) Buffer requirements may be adjusted as necessary to insure adequate protection of public health and the environment.
- ✓(10) The facility shall meet all requirements of any applicable zoning ordinance.

VERTICAL EXPANSION

History Note: Statutory Authority G.S. 130A-294;  
Eff. January 4, 1993.

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

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

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

- ✓(a) An approval letter from the unit of local government having zoning authority over the area where the facility is to be located stating that the site meets all of the requirements of the local zoning ordinance, or that the site is not zoned.
- ✓(b) Location on a county road map.
- ✓(c) Information showing that the bottom elevation of the waste shall be four feet above the seasonal high water table. Seasonal high water table elevations shall be obtained from on site test borings, test pits, or from other geological or water table investigations, studies, or reports from the immediate area of the proposed facility.
- ✓(d) A written report indicating that the facility shall comply with all the requirements set forth under Rule .0564.
- ✓(e) A copy of the deed or other legal description of the site that would be sufficient as a description in an instrument of conveyance, showing property owner's name.
- ✓(f) Any other information pertinent to the suitability of the proposed facility.

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

- ✓(a) Entire property or portion thereof owned or leased by the person providing the disposal site.
- ✓(b) Location of all homes, buildings, public or private utilities, roads, wells, watercourses, water or other impoundments, and any other applicable features or details.
- ✓(c) 100-year flood plain boundaries, if any.
- ✓(d) Wetland boundaries, if any.
- ✓(e) Historical or archaeological sites, if any.
- ✓(f) Park, scenic, or recreation area boundaries, if any.

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

- ✓(a) Property or site boundary, fully dimensioned with bearings and distances, tied to North Carolina grid coordinates where reasonably feasible.
- ✓(b) Easements and right-of-ways.
- ✓(c) Existing pertinent on site and adjacent structures such as houses, buildings, wells, roads and bridges, water and sewer utilities, septic fields, and storm drainage features.
- ✓(d) Proposed and existing roads, points of ingress and egress along with access control such as gates, fences, or berms.
- ✓(e) Buffer and set back lines along with the buffered boundary or feature.
- ✓(f) Springs, streams, creeks, rivers, ponds, and other waters and impoundments.
- ✓(g) Wetlands, if any.
- ✓(h) Boundary of the proposed waste area.
- ✓(i) Existing topography with contours at a minimum of five foot intervals. Where necessary, a smaller interval shall be utilized to clarify existing topographic conditions.

VERTICAL  
EXP. ?

9/27/93

VERTICAL  
EXPANSION

- ✓ (j) Proposed excavation, grading, and final contours at a minimum of five foot intervals. Where necessary, a smaller interval shall be utilized to clarify proposed grading. Excavation, grading, and fill material side slopes shall not exceed three to one (3:1).
- ✓ (k) Where on site borrow for operational and final cover is proposed, indicate the borrow excavation and grading plan with contours at a minimum of five foot intervals. Where necessary, a smaller interval shall be utilized to clarify proposed grading.
- ✓ (l) Proposed surface water control features and devices such as slope drains, storm water pipes, inlets, culverts, and channels.
- ✓ (m) Information showing that the project meets the requirements of 15A NCAC 4, Sedimentation Control Rules.
- ✓ (n) Location of test borings or test pits, if used to determine the seasonal high water table elevation, shall be shown on the plans.
- ✓ (6) A minimum of two cross-sections, one each along each major axis, per operational area showing:
  - (i) Original elevations.
  - (ii) Proposed excavation.
  - (iii) Proposed final elevations.
- (4) An operational plan addressing the requirements under Rule .0566 and containing the following information shall be submitted with the application for a proposed Land Clearing and Inert Debris (LCID) landfill:
  - ✓ (a) Name, address, and phone number of individual responsible for operation and maintenance of the facility.
  - ✓ (b) Projected use of the land after completion.
  - ✓ (c) Description of systematic usage of disposal area, operation, orderly development and closure of the landfill.
  - ✓ (d) Type, source, and quantity of waste to be accepted.
  - ✓ (e) An emergency contingency plan, including fire fighting procedures.

1/21/93  
 History Note: Statutory Authority G.S. 130A-294;  
 Eff. January 4, 1993.

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

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

- ✓ (1) Operational plans shall be approved and followed as specified for the facility.
- ✓ (2) The facility shall only accept those solid wastes which it is permitted to receive.
- ✓ (3) Solid waste shall be restricted to the smallest area feasible and compacted as densely as practical into cells.
- ✓ (4) Adequate soil cover shall be applied monthly, or when the active area reaches one acre in size, whichever occurs first.
- ✓ (5) 120 calendar days after completion of any phase of disposal operations, or upon revocation of a permit, the disposal area shall be covered with a minimum of one foot of suitable soil cover sloped to allow surface water runoff in a controlled manner. The Division may require further action in order to correct any condition which is or may become injurious to the public health, or a nuisance to the community.
- ✓ (6) Adequate erosion control measures, structures, or devices shall be utilized to prevent silt from leaving the site and to prevent excessive on site erosion.
- ✓ (7) Provisions for a ground cover sufficient to restrain erosion must be accomplished within 30 working days or 120 calendar days upon completion of any phase of landfill development.

- ~~(8)~~ The facility shall be adequately secured by means of gates, chains, berms, fences, etc. to prevent unauthorized access except when an operator is on duty. An attendant shall be on duty at all times while the landfill is open for public use to assure compliance with operational requirements and to prevent acceptance of unauthorized wastes.
- (9) Access roads shall be of all-weather construction and properly maintained.
- (10) Surface water shall be diverted from the working face and shall not be impounded over waste.
- (11) Solid waste shall not be disposed of in water.
- (12) Open burning of solid waste is prohibited.
- (13) The concentration of explosive gases generated by the facility shall not exceed:
- (a) Twenty-five percent of the lower explosive limit for the gases in facility structures.
  - (b) The lower explosive limit for the gases at the property boundary.
- (14) Leachate shall be properly managed on site through the use of current best management practices.
- (15) Should the Division deem it necessary, ground water or surface water monitoring, or both, may be required as provided for under Rules .0601 and .0602 of this Subchapter.
- (16) A sign shall be posted at the facility entrance showing the contact name and number in case of an emergency and the permit number. The permit number requirement is not applicable for facilities not requiring an individual permit.

*History Note: Statutory Authority G.S. 130A-294;  
Eff. January 4, 1993.*

## ITEMS NEEDED FOR ARRINGTON L.F.

- ✓  NEED EXTRA SET OF PLANS
- ✓  NEED (3) EXTRA SETS OF MINING PLANS.
- ✓  NEED (2) EXTRA SETS OF LOCATION PLAN / SURVEY
- ✓  NEED COPY OF APPROVED EROSION CONTROL PLAN / LTR.

A. MINE

B. VERTICAL EXP.

WILL  
SUBMIT  
TO JOHN HOLLY.

- ✓  NEED 4 COPIES OF DEED DESCRIPTION (1 COPY SENT AND OF POOR QUALITY / ~~RE~~ REPRODUCTION.
- ✓  SHOW EXISTING GATE / CABLE ON SITE PLAN
- ✓  IS SHADED AREA ON TAX MAP THE 100 YR. FLOOD PLAN FOR THE STREAM / CREEK,
- ✓  FIRE DEPT. RESPONSE.

SPOKE w/ DAVE BAWBAKER ON THE ABOVE ISSUES.

9/2/93.

# TRANSMITTAL FORM

**PHILIP  
POST  
&  
ASSOCIATES**

RECEIVED  
AUG 20 1993  
SOLID WASTE MANAGEMENT  
FAYETTEVILLE REGIONAL OFFICE

ENGINEERS  
PLANNERS  
SURVEYORS

To Division of Solid Waste  
225 Greene Street  
Wachovia Building, Suite 604  
Fayetteville, NC 28301

Date August 19, 1993

604b number 42100A

Attention Jim Barbour

Job name Arrington Mine

We are sending  Attached  Under separate cover via Federal Express

Copies	Date	Sheet no.	Description
1		4	Chatham Co. Approval Letters
1		1	Property Deed
1		2	Application Checklist
1		1	Siting Criteria
1		2	Operational Requirements
1		2	Mine Map
3		1 of 3	Site Plan
3		2 of 3	Area Map
3		3 of 3	Cross-Sections

Remarks

Remarks: See enclosed Application Checklist (cover letter).

401 Providence Road  
Chapel Hill, NC 27514  
(919) 929-1173  
(919) 493-2600  
(919) 850-9662  
FAX (919) 493-6548

Signed Dan Brubaker

Dan Brubaker

Copy to Bobby Arrington

822 North Elm Street  
Greensboro, NC 27401  
(919) 273-7711  
FAX (919) 370-9970

**PHILIP**  
**POST**  
**&**  
**ASSOCIATES**

RECEIVED

AUG 20 1993

SOLID WASTE MANAGEMENT  
FAYETTEVILLE REGIONAL OFFICE

August 16, 1993  
#42100A

Department of Environment, Health, and Natural Resources  
Division of Solid Waste Management  
P.O. Box 27687  
Raleigh, NC 27611-7687  
Attn: Jim Barber

Re.: Carolina Grading and Excavating Landfill Permit

**Application Checklist For Land Clearing and Inert Debris Landfill**

The following items are submitted per Rule .0565, North Carolina Solid Waste Management Rules.

(1) The following information is included:

- (a) Approval letter from the Chatham County Planning Department. Please contact Keith Meggeson at the Chatham County Planning Department, (919) 542-8204, if you have any questions;
- (b) Location on county road map (see Vicinity Map on the Site Plan titled "Arrington Demolition Landfill", dated 6/11/87);
- (c) The water table has never been encountered in the landfill. The mine will not extend below the water table. (From Carolina Grading's approved mining permit, dated May 22, 1991);
- (d) See enclosed report indicating the landfill will comply with with all requirements set forth under Rule .0564;
- (e) See enclosed property deed.

✓(2) See enclosed map, titled "Site plan, Arrington Demolition Landfill, dated 6/11/87, showing:

- ✓(a) Entire property of the disposal site;
- ✓(b) Locations of homes, buildings, roads, and watercourses;
- (c) The flood hazard boundary of Price Creek is shown. No base flood elevations have been determined for the area;
- (d) There is no proposed disturbance in any surrounding wetland areas. There are no wetlands within the landfill boundary;
- (e) There are no known historical or archaeological sites within 1/4 mile of the site;
- (f) There are no park, scenic, or recreation areas within 1/4 mile of the landfill site.

ENGINEERS  
PLANNERS  
SURVEYORS

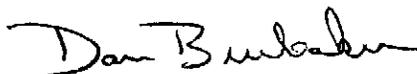
401 Providence Road  
P.O. Box 2134  
Chapel Hill, NC 27515-2134  
(919) 929-1173  
(919) 493-2600

PHILIP  
POST  
&  
ASSOCIATES

- (3) The enclosed design plan of the Arrington Landfill shows the following information, per requirements:
- (a) Site boundary is shown. Could not reasonably tie to North Carolina grid coordinates on this plan view. Closest grid control pair was several miles away;
  - (b) No easements exist in the existing or proposed landfill areas;
  - (c) The existing haul road is shown on the plans. No other on-site utilities, buildings, or storm drainage features (besides the sediment basin) exist at the landfill;
  - (d) There are no proposed changes to the access points of the landfill;
  - (e) Buffer lines are shown 100' from the property lines;
  - (f) The perennial drainageway running through the property, but not through the landfill area, is shown;
  - (g) No wetlands have been delineated on the site;
  - (h) The landfill boundary will extend to the buffer lines;
  - (i) Existing 5' contours are not shown. There is no topographic data available, save USGS data. The slopes, fill areas, and mine areas are shown in plan view;
  - (j) Proposed 5' contours are not shown. Finished slopes shall not exceed 3:1;
  - (k) Final contours for the borrow area (mine area) are shown on the enclosed 18" x 24" plans for the mine area;
  - (l) No permanent surface water control features are proposed.
  - (m) Enclosed is the approved Sedimentation and Erosion Control Plan for the mine area;
  - (n) No test borings were performed;
  - (o) Cross-sections showing original elevations, proposed excavations, and proposed final elevations are enclosed.
- (4) The operational plan is enclosed, containing the required information.

If you require any further information, please contact myself or Phil Post. Thank you.

Best regards,



Dan Brubaker

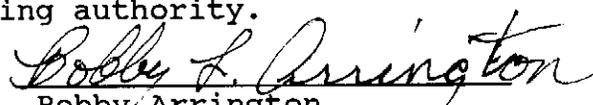
PHILIP  
POST  
&  
ASSOCIATES

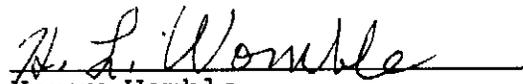
.0564

**SITING CRITERIA FOR LAND CLEARING AND INERT DEBRIS LANDFILLS**  
**Carolina Grading and Excavating**

- (1) The existing and proposed landfill facility is not located in the 100-year floodplain (see attached map).
- (2) The existing and proposed landfill facility will not cause or contribute to the taking of any endangered or threatened species of plants, fish, or wildlife.
- (3) The existing and proposed landfill facility will not result in the destruction or adverse modification of the critical habitat of any endangered or threatened species.
- (4) The existing and proposed landfill facility will not damage or destroy an archaeological or historical site.
- (5) The existing and proposed landfill facility will not cause adverse impact to a state park, nature area, scenic area, or state nature and/or historic preserve.
- (6) The existing and proposed landfill facility is not located in a wetland as defined in the Clean Water Act, Section 404.
- (7) Adequate soils for cover have been available and are currently being used from on-site. The cover soil is stockpiled on-site and used as needed.
- (8) The existing and proposed landfill facility:
  - (a) Will not cause a discharge of pollution into the waters of the state that is in violation of the requirements of the National Pollution Discharge Elimination System (NPDES), under Section 402 of the Clean Water Act;
  - (b) Will not cause a discharge of dredged or fill materials into waters of the state that is in violation of the requirements under section 404 of the Clean Water Act;
  - (c) Will not cause non-point source pollution of waters of the state that violates assigned water quality standards;
  - (d) Will be placed a minimum of 4' above the seasonal high water table;
  - (e) N/A.
- (9) The existing and proposed landfill facility will meet the following buffer requirements:
  - (a) Fifty (50) feet from the waste boundary to all surface waters of the state;
  - (b) One hundred (100) feet from the disposal area to all property lines, residences, commercial or public buildings, and wells.
- (10) The existing and proposed landfill facility has been approved by the local (Chatham County) zoning authority.

  
Philip N. Post, P.E. #7635

  
Bobby Arrington  
Landfill Operator

  
Henry Womble  
Property Owner

PHILIP  
POST  
&  
ASSOCIATES

.0566

**OPERATIONAL REQUIREMENTS**  
**Carolina Grading and Excavating Landfill**

(A) Individual responsible for the operation and maintenance of the landfill: Bobby Arrington  
Carolina Grading and Excavating  
Route 3, Box 322  
Chapel Hill, NC 27516  
(919) 929-1006

(B) After completion, the landfill site is projected to be used as pasture land.

(C) Solid waste will be confined to the smallest area possible and compacted as densely as practical. The active area will not exceed one (1) acre in size. A minimum of a 6-inch layer of soil cover will be applied monthly or when the active area reaches one (1) acre in size, whichever comes first.

(D) The landfill will receive only stumps, limbs, leaves, concrete, brick, wood, uncontaminated earth, or other solid wastes approved by the Branch, in quantities not to exceed the capacity of the landfill.

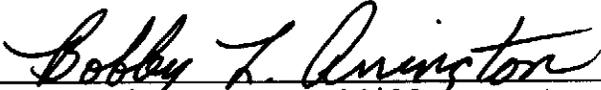
(E) In case of emergency, all appropriate authorities will be notified immediately. Reasonable caution will be taken to prevent fires, and portable fire extinguishers will be kept on site in case they are needed.

The landfill will meet the following operational requirements:

- (1) The approved operational plans will be followed as specified;
- (2) The facility will only receive solid wastes as outlined in (D) above;
- (3) Solid waste will be confined as outlined in (C) above;
- (4) Soil cover shall be applied as outlined in (C) above;
- (5) 120 days after completion of any phase of disposal operations, or upon revocation of the permit, the disposal area will be covered with a minimum of one (1) foot suitable soil cover sloped to allow for controlled surface runoff;
- (6) Erosion control measures will be and are being used to prevent silt from leaving the site and prevent excessive erosion on-site;

PHILIP  
POST  
&  
ASSOCIATES

- (7) Ground cover sufficient to restrain erosion will be provided within 30 working days or 120 calendar days upon completion of any phase of landfill development;
- (8) The facility will be adequately secured when not in operation. An attendant will be at the site when in operation to prevent unauthorized material from being accepted, and to assure compliance with the operational requirements;
- (9) Access roads will be all-weather type and properly maintained;
- (10) Surface water will be diverted from the working face and will not be impounded over waste;
- (11) Solid waste will not be disposed of in water;
- (12) Solid waste will not be burned on site;
- (13) The concentration of explosive gases at the landfill will not exceed twenty-five percent of the lower explosive limit for gases in the facility structure and the lower explosive limit for gases at the property boundary;
- (14) Leachate will be properly managed on site through the use of the current best available management practices;
- (15) Should the Division deem it necessary, ground water or surface water monitoring may be provided.
- (16) A sign will be posted at the facility entrance stating:  
Carolina Grading and Excavating Landfill  
Contact Person: Bobby Arrington  
In case of emergency, call: 929-1006  
Permit number: 19-A (Issued 1-21-88)

  
\_\_\_\_\_  
Bobby Arrington, Landfill Operator  
Carolina Grading and Excavating Landfill

PIPER POST & ASSOCIATES, INC. REGISTERED	
8-10-93	
CY TO	DB
JOB #	42100A
FILE	Corresp

**Chatham County Planning Department**  
**P.O. Box 54**  
**Pittsboro, NC 27312**  
**(919) 542-8204**

**FAX TRANSMITTAL COVER SHEET**

Date: 8, 10, 93 Pages to Follow: 1

Subject: Arrington Landfill

Sent to: Dan Brubaker

Fax #: 493-6548 Telephone #: \_\_\_\_\_

From:  Keith Meggins  Lynn Richardson  Juli Kidd

Fax #: (919) 542-8272 Telephone #: (919) 542-8204

Comments: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

If information is not clear, or if you do not receive all of the indicated pages, please notify our office immediately. Thank you.