

Fac/Perm/Co ID #	Date	Doc ID#
<i>PL</i>	<i>05/06/88</i>	DIN



0101gw051688

*Ken*  
*5-23-88*  
*copy to [unclear]*  
*man 5-23-88*

North Carolina Department of Human Resources  
Division of Health Services  
P.O. Box 2091 • Raleigh, North Carolina 27602-2091

James G. Martin, Governor  
David T. Flaherty, Secretary

Ronald H. Levine, M.D., M.P.H.  
State Health Director

May 16, 1988

Mr. Robert Smith, County Manager  
Alamance County  
124 West Elm St.  
Graham, N.C. 28234

RE: Alamance County Sanitary Landfill  
Amendment to Permit No. 01-01

Dear Mr. Smith:

Enclosed is an amended Solid Waste Permit, a Certified Copy, and the revised Conditions Of The Permit for the referenced facility.

Please note the revised conditions of the permit, specifically Condition No. 5, concerning construction, and Condition No. 6 concerning ground water monitoring requirements.

Please revise the construction plan to indicate the relocated ground-water monitoring wells following verification in the field of those locations by Solid Waste personnel.

If there are any questions please contact me at (919) 733-0692.

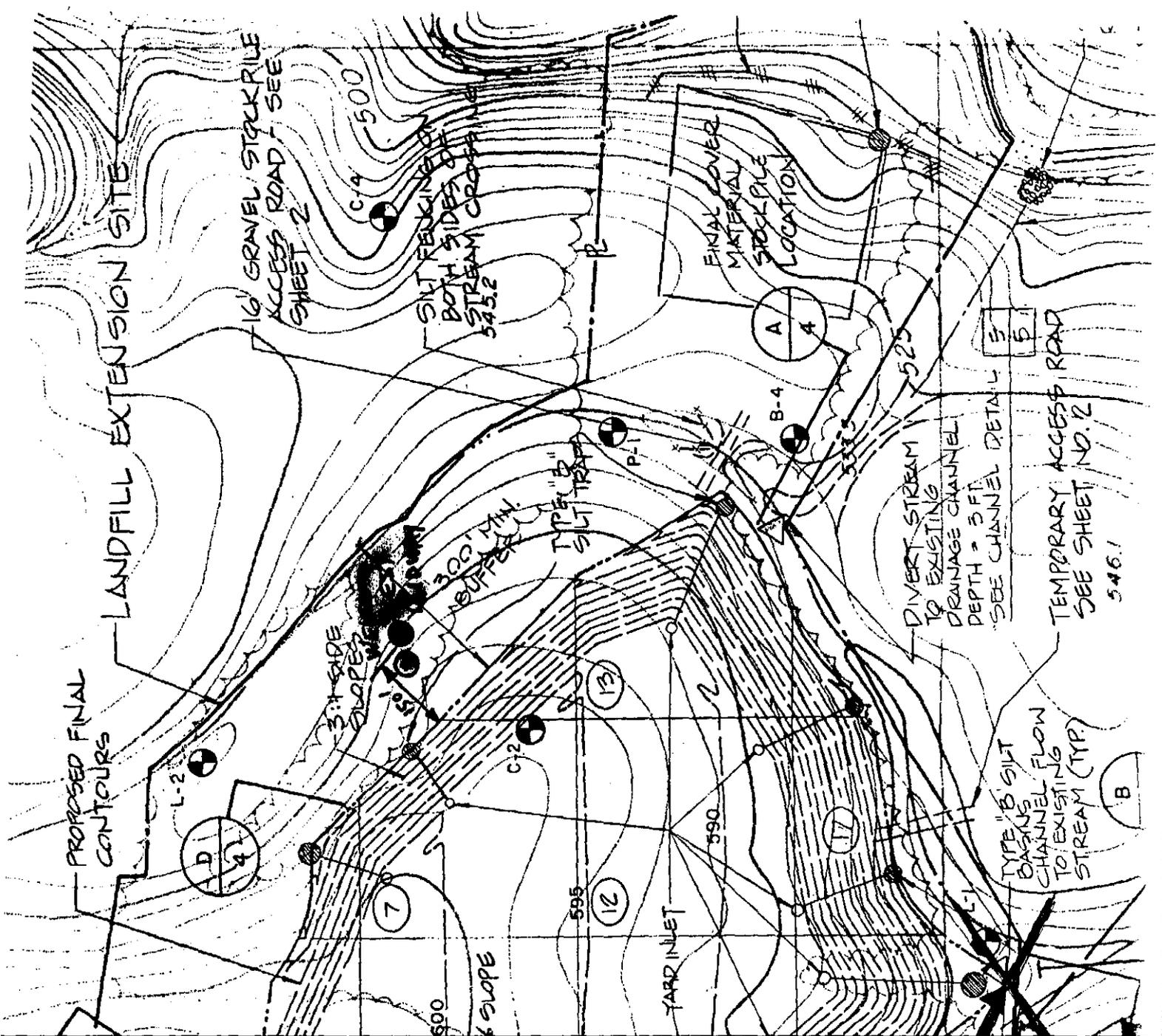
Sincerely,

*James C. Coffey*

James C. Coffey, Environmental Engineer  
Solid Waste Branch  
Solid Waste Management Section

JCC/mj

1988 05 23 09 53



LANDFILL EXTENSION SITE

PROPOSED FINAL CONTOURS

16' GRAVEL STOCKPILE ACCESS ROAD - SEE SHEET 2

SILT FENKING ON BOTH SIDES OF STREAM CROSSING 345.2

FINAL COVER MATERIAL STOCKPILE LOCATION

DIVERT STREAM TO EXISTING DRAINAGE CHANNEL DEPTH = 3 FT. SEE CHANNEL DETAIL 4

TEMPORARY ACCESS ROAD SEE SHEET NO. 2 346.1

TYPE 'B' SILT BASIN CHANNEL FLOW TO EXISTING STREAM (TYP)

YARD INLET

3:1 SIDE SLOPE

6 SLOPE

300' MIN. SUPPLY

SILT TRAP

L-2

D

7

12

13

17

B

500

600

595

590

525

535

545

550

555

560

565

570

575

580

585

590

595

600

605

610

615

620

625

630

635

640

645

A/A

B-4

C-1

C-2

P-1

P-2

P-3

P-4

P-5

P-6

P-7

P-8

P-9

P-10

P-11

P-12

P-13

P-14

P-15

P-16

P-17

P-18

P-19

P-20

P-21

P-22

P-23

346.1

AMENDMENT TO PERMIT NO. 01-01

DATE ISSUED 5/16/88

STATE OF NORTH CAROLINA  
DEPARTMENT OF HUMAN RESOURCES  
DIVISION OF HEALTH SERVICES

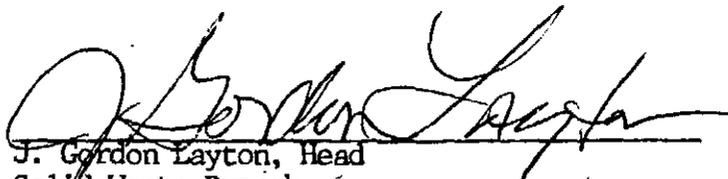
P. O. Box 2091 Raleigh, NC 27602

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

ALAMANCE COUNTY

is hereby issued a permit to operate a  
Sanitary Landfill  
located  
off S.R. 2164

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.

  
J. Gordon Layton, Head  
Solid Waste Branch  
Solid Waste Management Section

## Property Description of Proposed Alamance County Landfill

Being all that tract of land located in Alamance County, North Carolina, and described as follows:

BEGINNING at an iron stake on the east side of Paris Road (S.R.2164) in the southern boundary line of Dillard Paris, running thence south 77 deg. 11' 31" east 597.12 feet to an iron stake; running thence south 77 deg. 15' 56" east 858.00 feet to an iron stake; running thence south 01 deg. 20' east 52.84 feet to a rock; running thence south 84 deg. 27' 11" east 201.78 feet to an iron stake; running thence with the center line of a branch south 39 deg. 32' 50 " east 280.50 feet; running thence south 44 deg. 17' 50" east 211.20 feet; running thence south 40 deg. 02' 50 " east 103.62 feet; running thence south 23 deg. 02' 50" east 54.12 feet; running thence south 51 deg. 32' 50" east 95.04 feet; running thence south 37 deg. 17' 50" east 140.58 feet; running thence south 22 deg. 02' 50" east 132 feet; running thence south 19 deg. 02' 50" east 69.96 feet to a point; running thence south 82 deg. 00' 10" east 18 feet to an iron stake; running thence south 82 deg. 00' 10" east 593.70 feet to an iron stake; running thence south 82 deg. 00' 10" east 20 feet to the center line of Haw Creek; running thence with the meanders of Haw Creek north 00' 10' 40" west 216.59 feet; running thence north 24 deg. 23' 28" east 78.68 feet; running thence south 61 deg. 29' 36" east 279.14 feet; running thence south 74 deg. 37' east 151.36 feet; running thence south 89 deg. 34' 38" east 342.00 feet; running thence south 44 deg. 35' 50" east 55.14 feet; running thence south 12 deg. 34' 50" east 194.00 feet; running thence south 21 deg. 21' 47" west 136.68 feet; running thence south 33 deg. 58' 50" east 88.78 feet; running thence north 73 deg. 48' 11" east 109.05 feet; running thence north 38 deg. 58' 51" east 139.70 feet; running thence north 40 deg. 37' 10" east 277.53 feet; running thence north 32 deg. 58' 35" east 144.73 feet; running thence north 41 deg. 09' 14" east 304.66 feet; running thence north 34 deg. 56' 06" east 204.04 feet; running thence north 50 deg. 24' 15" east 133.19 feet; running thence north 22 deg. 39' 31" east 137.37 feet; running thence north 14 deg. 40' 46" east 193.60 feet; running thence north 40 deg. 31' 22" east 223.58 feet; running thence north 63 deg. 36' 14 " east 66.40 feet; running thence south 70 deg. 31' 10" east 26.88 feet; running thence south 38 deg. 46' 10" east 221.32 feet; running thence south 16 deg. 44' 15" east 110.21 feet; running thence south 09 deg. 43' 33" west 443.75 feet; running thence south 16 deg. 41' 19" east 120.43 feet; running thence south 68 deg. 03' west 118.80 feet to an iron stake in the boundary line with Wilbour D. Adams; running thence south 09 deg. 57" east 530.48 feet to an iron stake; running thence south 17 deg. 21' 38" west 321.21 feet to an iron stake; running thence south 17 deg. 40' 10" west 212.25 feet to an iron stake in a rock; running thence south 05 deg. 39' 17" west 497.88 feet to an iron stake; running thence south 06 deg. 06' 31" west 625.90 feet to an iron stake; running thence south 06 deg. 08' 10" west 210.30 feet to an iron stake; running thence south 05 deg. 55' west 212.61 feet to an iron stake; running thence south 80 deg. 47' 59" west 433.52 feet to an iron stake; running thence north 50 deg. 15' 51" west 227.18 feet to a 23 inch diameter hickory tree; running thence north 53 deg. 19' 41" west 702.58 to an iron stake; running thence north 68 deg. 04' 16" west 1083.76 feet to an iron stake; running thence north 68 deg. 04' 16" west 46.61 feet to the center line of Haw Creek; running thence with the meanders of Haw Creek north 10 deg. 18' 12" east 254.14 feet; running thence north 03 deg. 04' 02" east 153.72 feet; running thence north 01 deg. 57' 06" west 184.12 feet; running thence north 15 deg. 52' 38" east 106.14 feet; running thence north 55 deg. 24' 22 " west 22.44 feet to an iron stake; running thence north 55 deg. 24' 22" west 749.56 feet to an iron stake; running thence south 65 deg. 36' 00" west 847.53 feet to an iron stake; running thence north 80 deg. 27' 31" west 667.61 feet to an iron stake; running thence

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

CONDITIONS OF PERMIT:

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 Branch and shall have indicated on it the page and book number, date of recordation, and 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. The following requirements 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 Health Services.
  - c. The permit number and the words "NO HAZARDOUS, LIQUID WASTE OR INFECTIOUS WASTE ACCEPTED" shall be posted on an entrance sign.
4. This solid waste disposal site is permitted to receive solid waste as defined in 10 NCAC 10G, .0101(36), except that hazardous waste, liquid waste and any other wastes that may pose a threat to the environment or public health are prohibited from disposal at this site.
5. This permit is for construction according to the attached plans with the following conditions:
  - a. The construction plan is approved for a period not to exceed five years from the date of issuance or until subsequent solid waste management rules supercede the conditions of the permit.
  - b. If excavation results in the exposure of a moderately permeable area, that area will be scarified and a minimum of 3' of well-compacted, low permeability soil will be emplaced as necessary.

Additional conditions and revisions of the approved plans shall be approved by the North Carolina Solid Waste Branch.

6. Ground water monitoring wells and monitoring requirements:
  - a. Two well nests and one shallow well shall be installed at revised locations as shown on construction plans.
  - b. Installation shall conform to DHS well standard (Attachment 1).
  - c. A well completion record shall be submitted to DHS for each monitoring well constructed (Attachment 2) within 30 days upon completion.

CONDITIONS OF PERMIT

Page 2

- d. The location of the monitoring wells shall be physically located in the field and approved by DHS prior to the well being constructed.
  - e. For new site locations, ground water monitoring wells shall be constructed and sampled prior to the acceptance of any waste at the landfill and conform to specifications outlined in the N.C. Water Quality Monitoring Guidance Document for Solid Waste Facilities. Complete specifications are delineated in this document which is available from DHS.
  - f. Surface water sampling shall be performed at the locations specified on the construction plans as per methods outlined in the above-referenced Guidance Document.
  - g. Alamance County shall sample monitoring wells and surface waters, semi-annually, for the first year and annually thereafter as per the above-referenced Guidance Document.
  - h. A readily accessible unobstructed path shall be initially cleared and maintained so that four-wheel drive vehicles may access the monitoring wells at all times.
7. This facility shall conform to operating procedures in Rule .0505 of the Solid Waste Management Rules.
  8. Ground water quality at this facility is subject to the classification and remedial action provisions of 15 NCAC 2L (Attachment 3).

AMENDMENT TO PERMIT NO. 01-01

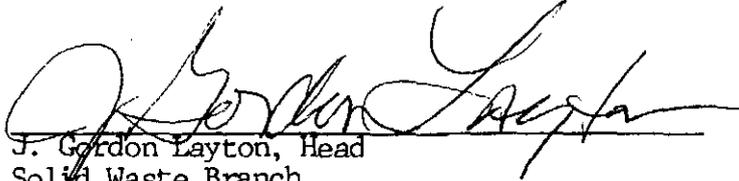
DATE ISSUED 5/16/88

STATE OF NORTH CAROLINA  
DEPARTMENT OF HUMAN RESOURCES  
DIVISION OF HEALTH SERVICES  
P. O. Box 2091 Raleigh, NC 27602

S O L I D   W A S T E   P E R M I T

ALAMANCE COUNTY  
is hereby issued a permit to operate a  
Sanitary Landfill  
located  
off S.R. 2164

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.

  
J. Gordon Layton, Head  
Solid Waste Branch  
Solid Waste Management Section

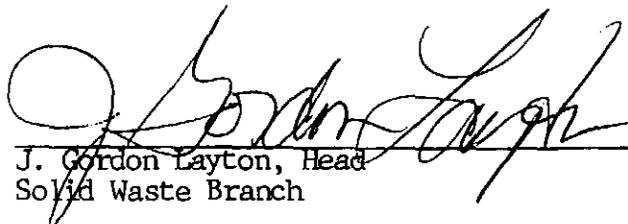
## Property Description of Proposed Alamance County Landfill

Being all that tract of land located in Alamance County, North Carolina, and described as follows:

BEGINNING at an iron stake on the east side of Paris Road (S.R.2164) in the southern boundary line of Dillard Paris, running thence south 77 deg. 11' 31" east 597.12 feet to an iron stake; running thence south 77 deg. 15' 56" east 858.00 feet to an iron stake; running thence south 01 deg. 20' east 52.84 feet to a rock; running thence south 84 deg. 27' 11" east 201.78 feet to an iron stake; running thence with the center line of a branch south 39 deg. 32' 50 " east 280.50 feet; running thence south 44 deg. 17' 50" east 211.20 feet; running thence south 40 deg. 02' 50 " east 103.62 feet; running thence south 23 deg. 02' 50" east 54.12 feet; running thence south 51 deg. 32' 50" east 95.04 feet; running thence south 37 deg. 17' 50" east 140.58 feet; running thence south 22 deg. 02' 50" east 132 feet; running thence south 19 deg. 02' 50" east 69.96 feet to a point; running thence south 82 deg. 00' 10" east 18 feet to an iron stake; running thence south 82 deg. 00' 10" east 593.70 feet to an iron stake; running thence south 82 deg. 00' 10" east 20 feet to the center line of Haw Creek; running thence with the meanders of Haw Creek north 00' 10' 40" west 216.59 feet; running thence north 24 deg. 23' 28" east 78.68 feet; running thence south 61 deg. 29' 36" east 279.14 feet; running thence south 74 deg. 37' east 151.36 feet; running thence south 89 deg. 34' 38" east 342.00 feet; running thence south 44 deg. 35' 50" east 55.14 feet; running thence south 12 deg. 34' 50" east 194.00 feet; running thence south 21 deg. 21' 47" west 136.68 feet; running thence south 33 deg. 58' 50" east 88.78 feet; running thence north 73 deg. 48' 11" east 109.05 feet; running thence north 38 deg. 58' 51" east 139.70 feet; running thence north 40 deg. 37' 10" east 277.53 feet; running thence north 32 deg. 58' 35" east 144.73 feet; running thence north 41 deg. 09' 14" east 304.66 feet; running thence north 34 deg. 56' 06" east 204.04 feet; running thence north 50 deg. 24' 15" east 133.19 feet; running thence north 22 deg. 39' 31" east 137.37 feet; running thence north 14 deg. 40' 46" east 193.60 feet; running thence north 40 deg. 31' 22" east 223.58 feet; running thence north 63 deg. 36' 14 " east 66.40 feet; running thence south 70 deg. 31' 10" east 26.88 feet; running thence south 38 deg. 46' 10" east 221.32 feet; running thence south 16 deg. 44' 15" east 110.21 feet; running thence south 09 deg. 43' 33" west 443.75 feet; running thence south 16 deg. 41' 19" east 120.43 feet; running thence south 68 deg. 03' west 118.80 feet to an iron stake in the boundary line with Wilbour D. Adams; running thence south 09 deg. 57" east 530.48 feet to an iron stake; running thence south 17 deg. 21' 38" west 321.21 feet to an iron stake; running thence south 17 deg. 40' 10" west 212.25 feet to an iron stake in a rock; running thence south 05 deg. 39' 17" west 497.88 feet to an iron stake; running thence south 06 deg. 06' 31" west 625.90 feet to an iron stake; running thence south 06 deg. 08' 10" west 210.30 feet to an iron stake; running thence south 05 deg. 55' west 212.61 feet to an iron stake; running thence south 80 deg. 47' 59" west 433.52 feet to an iron stake; running thence north 50 deg. 15' 51" west 227.18 feet to a 23 inch diameter hickory tree; running thence north 53 deg. 19' 41" west 702.58 to an iron stake; running thence north 68 deg. 04' 16" west 1083.76 feet to an iron stake; running thence north 68 deg. 04' 16" west 46.61 feet to the center line of Haw Creek; running thence with the meanders of Haw Creek north 10 deg. 18' 12" east 254.14 feet; running thence north 03 deg. 04' 02" east 153.72 feet; running thence north 01 deg. 57' 06" west 184.12 feet; running thence north 15 deg. 52' 38" east 106.14 feet; running thence north 55 deg. 24' 22 " west 22.44 feet to an iron stake; running thence north 55 deg. 24' 22" west 749.56 feet to an iron stake; running thence south 65 deg. 36' 00" west 847.53 feet to an iron stake; running thence north 80 deg. 27' 31" west 667.61 feet to an iron stake; running thence

CERTIFIED COPY OF SOLID WASTE PERMIT

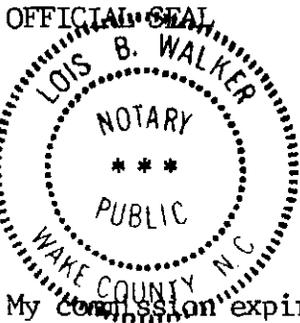
I do hereby certify that the attached PERMIT is an exact and true copy of Permit No. 01-01

  
\_\_\_\_\_  
J. Gordon Layton, Head  
Solid Waste Branch

North Carolina  
Wake County

I, Lois B Walker, a Notary Public for said County and State, do hereby certify that J Gordon Layton, Head, Solid Waste Branch personally appeared before me this day and acknowledged the due execution of the foregoing instrument.

Witness my hand and official seal, this the 17<sup>th</sup> day of May, 1988.



  
\_\_\_\_\_  
NOTARY PUBLIC

My commission expires 1-29, 1990.

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

CONDITIONS OF PERMIT:

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 Branch and shall have indicated on it the page and book number, date of recordation, and 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. The following requirements 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 Health Services.
  - c. The permit number and the words "NO HAZARDOUS, LIQUID WASTE OR INFECTIOUS WASTE ACCEPTED" shall be posted on an entrance sign.
4. This solid waste disposal site is permitted to receive solid waste as defined in 10 NCAC 10G, .0101(36), except that hazardous waste, liquid waste and any other wastes that may pose a threat to the environment or public health are prohibited from disposal at this site.
5. This permit is for construction according to the attached plans with the following conditions:
  - a. The construction plan is approved for a period not to exceed five years from the date of issuance or until subsequent solid waste management rules supercede the conditions of the permit.
  - b. If excavation results in the exposure of a moderately permeable area, that area will be scarified and a minimum of 3' of well-compacted, low permeability soil will be emplaced as necessary.

Additional conditions and revisions of the approved plans shall be approved by the North Carolina Solid Waste Branch.

6. Ground water monitoring wells and monitoring requirements:
  - a. Two well nests and one shallow well shall be installed at revised locations as shown on construction plans.
  - b. Installation shall conform to DHS well standard (Attachment 1).
  - c. A well completion record shall be submitted to DHS for each monitoring well constructed (Attachment 2) within 30 days upon completion.

CONDITIONS OF PERMIT

Page 2

- d. The location of the monitoring wells shall be physically located in the field and approved by DHS prior to the well being constructed.
  - e. For new site locations, ground water monitoring wells shall be constructed and sampled prior to the acceptance of any waste at the landfill and conform to specifications outlined in the N.C. Water Quality Monitoring Guidance Document for Solid Waste Facilities. Complete specifications are delineated in this document which is available from DHS.
  - f. Surface water sampling shall be performed at the locations specified on the construction plans as per methods outlined in the above-referenced Guidance Document.
  - g. Alamance County shall sample monitoring wells and surface waters, semi-annually, for the first year and annually thereafter as per the above-referenced Guidance Document.
  - h. A readily accessible unobstructed path shall be initially cleared and maintained so that four-wheel drive vehicles may access the monitoring wells at all times.
7. This facility shall conform to operating procedures in Rule .0505 of the Solid Waste Management Rules.
8. Ground water quality at this facility is subject to the classification and remedial action provisions of 15 NCAC 2L (Attachment 3).