Date Received 6/11/76

APT No. 12660
T. C. No. PS 215.1-4 01

Map Date _____

# MECKLENBURG COUNTY
# DEPARTMENT OF ENVIRONMENTAL HEALTH

## APPLICATION FOR SOIL INVESTIGATION

1) NAME OF OWNER Ralph Squires Construction Company, Inc.
(LAST / FIRST / MIDDLE)

2) ADDRESS OF OWNER P. O. Box 25178 Charlotte, N. C. ZIP 28212

3) PHONE NO Home _____ Office 537-9553

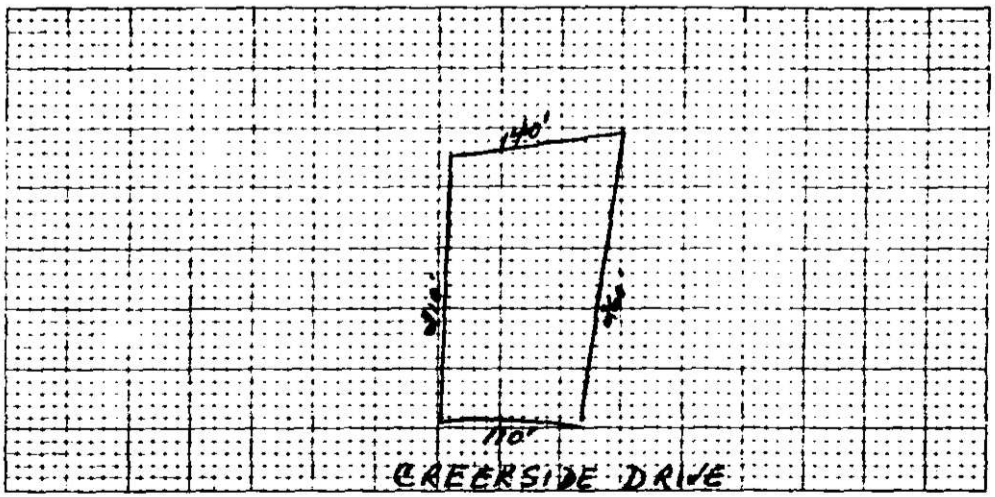
4) LOCATION OF PROPERTY 13928 Creekside Drive
(STREET OR COUNTY ROAD)

5) SUBDIVISION Windrow Estates LOT NO 31 BLOCK NO F

MAP BOOK NO _____ PAGE NO. _____

6) DEED REFERENCE DEED BOOK _____ PAGE NO _____

Application is hereby made to the Mecklenburg County Department of Environmental Health for the conduct of a soil investigation and an on site inspection of the lot hereinabove described for the purpose of determining if the lot is suitable for the installation of an individual septic tank wastewater treatment system with subsurface, soil absorption, effluent discharge




7) ACCURATELY DIAGRAM & DIMENSION LOT

Jim Boyer
OWNER

EHD-5-76

Environmental Health Department's Copy

DEPARTMENT OF HUMAN RESOURCES
DIVISION OF HEALTH SERVICES

Apt 12668

APPENDIX H
SITE EVALUATION
(Ground Absorption Sewage Disposal)

OWNER: Ralph Squires Construction Co. DATE REQUESTED: June 14, 1977
ADDRESS: P.O. Box 25178 Charlotte PLAT NO.:
COUNTY: Meck. Co. LOT SIZE: 26,000 sq. ft.
LOCATION OF SITE: 13728 Crookston Drive lot no. 31 Block F
Parcel No. P.O. 215 - 131-62

| FACTORS | AREA 1 | AREA 2 | AREA 3 | AREA 4 |
|---|---|---|---|---|
| 1. SLOPE (%) | S PS U 3-8% | S PS U | S PS U | S PS U |
| 2. SOIL TEXTURE (12-36 in.) (Sandy, loamy, clayey, Note: silt clay) | S PS U clay | S PS U | S PS U | S PS U |
| 3. SOIL STRUCTURE (12-36 in.) (Clayey soils) | S PS U blocky | S PS U | S PS U | S PS U |
| 4. SOIL DEPTH (In.) | S PS U >48" | S PS U | S PS U | S PS U |
| 5. RESTRICTIVE HORIZONS (In.) (Impervious Strata, rock) | S PS U water 4-6 ft | S PS U | S PS U | S PS U |
| 6. SOIL DRAINAGE/GROUNDWATER (External & Internal) | S PS U moderate to poorly drained | S PS U | S PS U | S PS U |
| 7. SOIL PERMEABILITY (Percolation Rate) | S PS U moderate | S PS U | S PS U | S PS U |
| 8. OTHER (Specify) | S PS U seasonal high water table 18-42" | S PS U | S PS U | S PS U |
| 9. SITE CLASSIFICATION* | S PS U provisionally suitable | S PS U floods | S PS U | S PS U |
| SOIL SERIES | Cecil | Unsuitable Chewacla | | |

S - Suitable PS - Provisionally Suitable U - Unsuitable

* See Diagram on Back (Include: Soil areas, property lines, roads, streams, gullies, wet areas, fill areas, wells, water bodies, slope patterns, etc.)

Recommendations/Comments: Based on the investigation the lots would be provisionally suitable soils for installation of a septic tank system. System design should be based on a percolation rate of 60 min./in.

Described By: W. Edward Lusvant
Title: Soil Scientist
Date: July 5, 1977

DHS Form 2601 (2/77)
Sanitation

Date Received 6/12/75

APT No. 12668
T. C. No. 215 131 01

Map Date

# MECKLENBURG COUNTY
# DEPARTMENT OF ENVIRONMENTAL HEALTH

## APPLICATION FOR SOIL INVESTIGATION

1) NAME OF OWNER Ralph Squires Construction Company, Inc.
(LAST / FIRST / MIDDLE)

2) ADDRESS OF OWNER P. O. Box 25178 Charlotte, N. C. ZIP 28212

3) PHONE NO Home _____ Office 537-9553

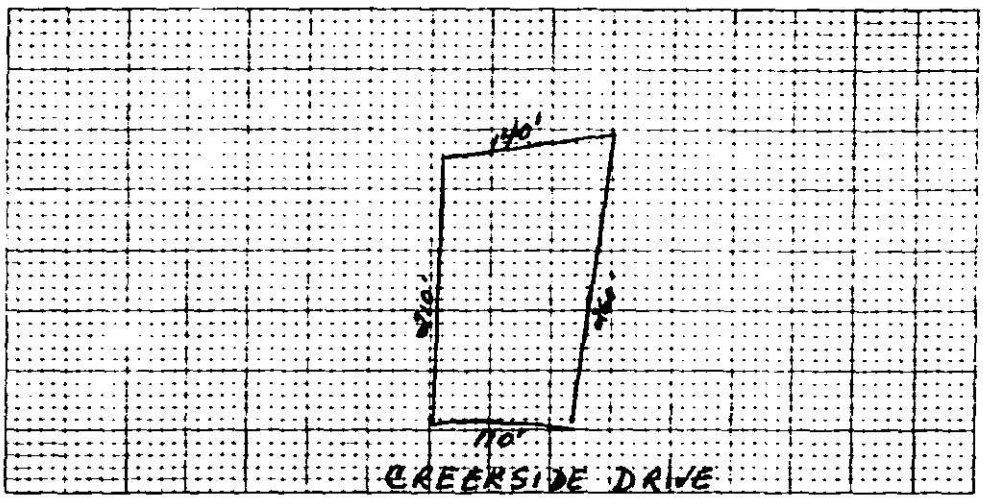
4) LOCATION OF PROPERTY 13928 Creekside Drive
(STREET OR COUNTY ROAD)

5) SUBDIVISION Windrow Estates LOT NO 31 BLOCK NO. F

MAP BOOK NO _____ PAGE NO _____

6) DEED REFERENCE DEED BOOK _____ PAGE NO _____

Application is hereby made to the Mecklenburg County Department of Environmental Health for the conduct of a soil investigation and an on site inspection of the lot hereinabove described for the purpose of determining if the lot is suitable for the installation of an individual septic tank wastewater treatment system with subsurface, soil absorption, effluent discharge




7) ACCURATELY DIAGRAM & DIMENSION LOT

OWNER Jim Bryan

EHD-5-76

Environmental Health Department's Copy

Apt 12668

DEPARTMENT OF HUMAN RESOURCES
DIVISION OF HEALTH SERVICES

APPENDIX H
SITE EVALUATION
(Ground Absorption Sewage Disposal)

OWNER: Ralph Squires Construction Co. DATE REQUESTED: June 14, 1977
ADDRESS: P.O. Box 25178 Charlotte PLAT NO.:
COUNTY: Mock. Co. LOT SIZE: 26,000 sq. ft.
LOCATION OF SITE: 13726 Crooks-ide Drive lot No. 31 Block F
Tax Code No. P-0-215 — 131-62

| FACTORS | AREA 1 | AREA 2 | AREA 3 | AREA 4 |
|---|---|---|---|---|
| 1. SLOPE (%) | (S) PS U 3-6% | S PS — U | S PS U | S PS U |
| 2. SOIL TEXTURE (12-36 in.) (Sandy, loamy, clayey, Note 2:1 clay) | S (PS) U clay | S PS — U | S PS U | S PS U |
| 3. SOIL STRUCTURE (12-36 in.) (Clayey soils) | S (PS) U blocky | S PS — U | S PS U | S PS U |
| 4. SOIL DEPTH (In.) | (S) PS U >48" | S PS — U | S PS U | S PS U |
| 5. RESTRICTIVE HORIZONS (In.) (Impervious Strata, rock) | S PS — U | S PS — U | S PS U | S PS U |
| 6. SOIL DRAINAGE/GROUNDWATER (External & Internal) | (S) PS water table >6' U | S (PS) poorly drained U | S PS U | S PS U |
| 7. SOIL PERMEABILITY (Percolation Rate) | S (PS) moderate 60 min/in U | S PS seasonal high water table <15" from surface U | S PS U | S PS U |
| 8. OTHER (Specify) | S PS — U | S (PS) floods U | S PS U | S PS U |
| 9. SITE CLASSIFICATION* | provisionally suitable | unsuitable | | |
| SOIL SERIES | Cecil | Chewacla | | |

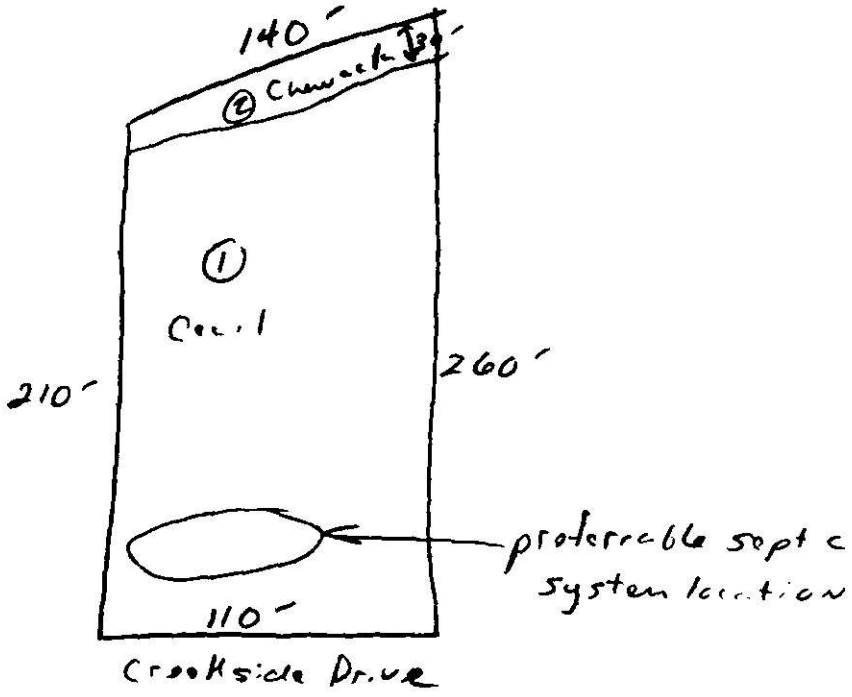
S - Suitable PS - Provisionally Suitable U - Unsuitable

* See Diagram on Back (Include: Soil areas, property lines, roads, streams, gullies, wet areas, fill areas, wells, water bodies, slope patterns, etc.)

Recommendations/Comments: Based on this investigation the lot was found to have an adequate area of provisionally suitable soils for installation of a septic tank system. System design should be based on a percolation rate of 60 min/in.

Described By: W. Edward Lasevant
Title: Soil Scientist Date: July 5, 1977

DHS Form 2601 (2/77)
Sanitation


140'
② Chimney
30'
①
Cecil
210'
260'
preferrable septic system location
110'
Creekside Drive

Serial No. 1057

PTR No. 12668

Date Issued July 5, 1977

T. C. No. P.0.215-131-01

Map Date

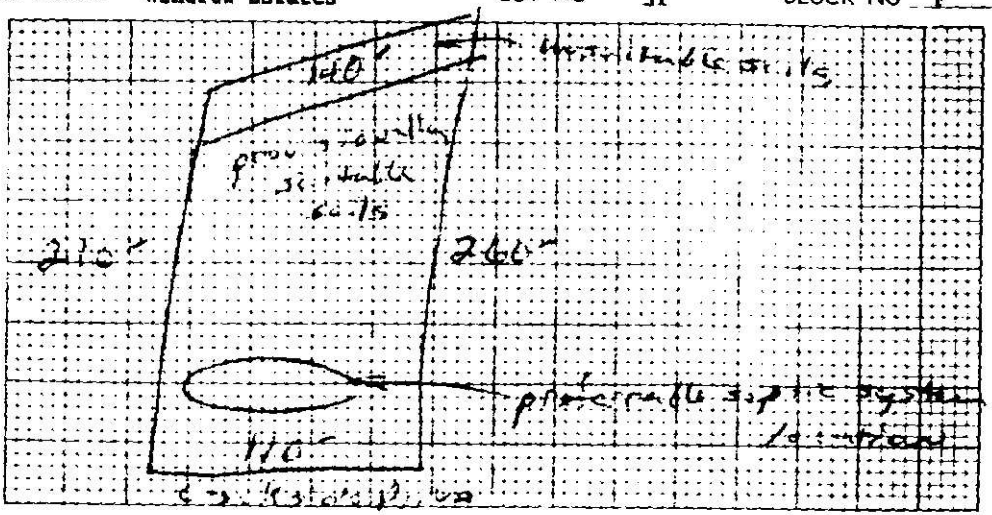
# MECKLENBURG COUNTY
# DEPARTMENT OF ENVIRONMENTAL HEALTH
## SOIL INVESTIGATION REPORT

NAME OF OWNER Ralph Squires Construction Company, Inc.
(LAST, FIRST, MIDDLE)

ADDRESS OF OWNER P.O. Box 25178, Charlotte, NC ZIP 28212

LOCATION OF PROPERTY 13928 Creekside Drive
(STREET OR COUNTY ROAD)

SUBDIVISION Windrow Estates LOT NO 31 BLOCK NO F




PLOT PLAN

This is to certify that a soil investigation and on site investigation was made by the Mecklenburg County Department of Environmental Health on the lot described above. The said investigation was conducted on that portion of the lot as indicated on the above plat. **Provisionally Suitable**

The permeability rate determined by the investigation was **60 min/in.** The said lot is approved for the installation of an individual septic tank wastewater treatment system with subsurface, soil absorption effluent discharge subject to the following terms and conditions:

1. A permit authorizing the construction of the proposed system shall be obtained from the Mecklenburg County Department of Environmental Health prior to the beginning of any construction activities on the wastewater treatment system on the said lot.
2. The size of the septic tank and wastewater treatment system which must be installed will be determined by the Mecklenburg County Department of Environmental Health at the time of installation based on the permeability rate obtained above and on the size and type of building proposed thereon.
3. This approval is valid only if the system is installed in the immediate area indicated as acceptable for system installation on the above plat.
4. This approval is void if any grading, filling or construction activities of any nature is performed on the lot which in the opinion of the Mecklenburg County Department of Environmental Health renders the area indicated as acceptable for system installation unsuitable for installation. Construction of a system after expiration of such a system.

This approval is granted based on the laws of the State of North Carolina and the rules and regulations of the North Carolina Department of Human Resources Division of Health Services and the Mecklenburg County Health Commission which were in effect on the date of issuance and is void if at any time in the future, prior to completion of the system, these laws rules and regulations are changed such that this approval would not have been granted had the new or revised laws, rules, and regulations been in effect on the issue date.

C. Edward Casement
Soil Scientist

John Atkinson
Environmental Health Director or Authorized Section Head

EHD-5-76

**Environmental Health Department's Copy**

Date Received 9/22/78

MECK COUNTY DEPARTMENT OF ENVIRONMENTAL HEALTH RECEIVED SEP 22 1978 CHARLOTTE, N. C.

Application No. 12668

T. C No. 20-215-131-01

Map Date

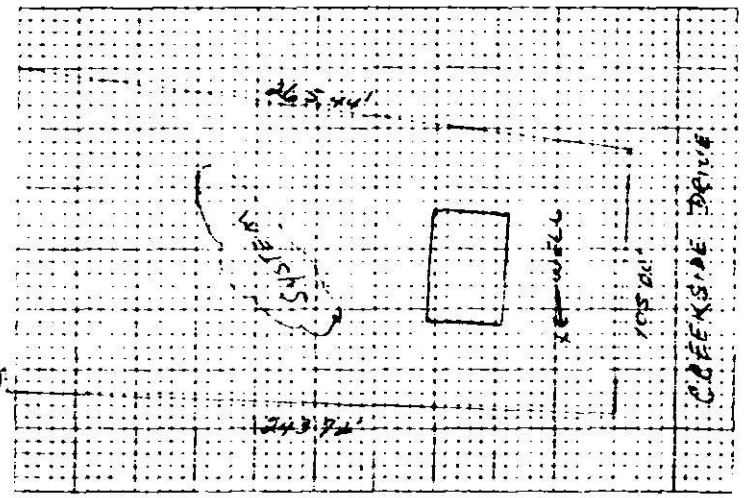
SEE [illegible] ON BACK OF

# MECKLENBURG COUNTY
# DEPARTMENT OF ENVIRONMENTAL HEALTH

**Application for an**
**Installation, Construction, Alteration, and/or Repair Permit**
**(Individual Septic Tank System with Subsurface, Soil Absorption, Effluent Discharge)**

The owner of that property described hereinafter hereby applies to the Mecklenburg County Department of Environmental Health for a permit to

1) X Install or Construct 2) Alter or Repair an individual septic tank wastewater treatment system with a subsurface soil absorption, effluent discharge




3) PLOT PLAN (ACCURATELY DIMENSIONED)

Mobile Home ___ Yes X No
Residence X Yes ___ No

4) No. of Bedrooms 3
5) Business Use - Max No Employees N/A
6) Washing Machine X Yes ___ No
7) Garbage Disposal ___ Yes X No
8) Dishwasher ___ Yes X No
9) Water Supply
A Individual Well yes
B Governmental System ___
C Community System
1 Well source ___
2 Governmental source ___
10) Sewage System
House located within 200 feet of public sewer ___ Yes X No
House located within 200 feet of community sewer ___ Yes X No
11) FHA Case No N/A
12) VA Case No N/A

13) NAME OF OWNER Ralph Squires Construction Co
LAST FIRST MIDDLE

14) ADDRESS OF OWNER P.O. Box 2515, Charlotte, N.C. 28212

15) PHONE NO Home ___ Office 537 9553

16) LOCATION OF SYSTEM 13928 Creekside Drive
STREET OR COUNTY ROAD

17) SUBDIVISION Windrow Estates Lot No 31 Block No. F

Map Book No ___ Page No. ___

18) DEED REFERENCE — DEED BOOK ___ AT PAGE ___

19) HAS A SOIL INVESTIGATION BEEN RUN? X YES ___ NO DATE RUN 7-5-77

20) PTR NUMBER (See Instructions) 12668

The undersigned person hereby agrees that he has read the foregoing application and that the contents of same are true. It is understood that any permit applied for herein shall be void and of no effect if any of the above facts are not true.

9-21-78
DATE OF APPLICATION

Mary Jane Ehlrich
OWNER

EHD-5-76

Environmental Health Department's Copy

Serial No. 2290

LA No. 12668

Date Issued October 2, 1978

T C. No. P.0.215-131-01

Map Date

# MECKLENBURG COUNTY
# DEPARTMENT OF ENVIRONMENTAL HEALTH

**TO THE BUILDING INSPECTION DEPARTMENT**

IMPROVEMENT PERMIT

APPROVAL OF LOT FOR INSTALLATION OF AN INDIVIDUAL SEPTIC TANK WITH SUBSURFACE, SOIL ABSORPTION, EFFLUENT DISCHARGE

NAME OF OWNER Ralph Squires COnstruction Company, Inc.
(LAST / FIRST / MIDDLE)

ADDRESS OF OWNER P.O. Box 25178, Charlotte, NC ZIP 28212

LOCATION OF LOT 13928 Creekside Drive
(STREET OR COUNTY ROAD)

SUBDIVISION WIndrow Estates LOT NO 31 BLOCK NO. F

MAP BOOK NO. PAGE NO.

The above specified lot is approved by the Mecklenburg County Department of Environmental Health for the installation of an individual septic tank system with subsurface, soil absorption, effluent discharge based on the soil investigation, on an on-site inspection of the said lot; and upon the information supplied in the "Application for an Installation, Construction, Alteration, and/or Repair Permit", number 12668. This approval is subject to the following terms and conditions:

1. That the nitrification field be installed, constructed, altered and/or repaired in the same area where the soil investigation was run.
2. That an "Installation, Construction, Alteration, and/or Repair Permit" be issued and in full force and effect when the system is installed, constructed, altred and/or repaired and that the system be installed in accordance with same

This approval may be revoked and the building inspection department requested to revoke any building permits which have been issued to authorize construction on the said lot if at any time it is determined that any information contained in the "Application for an Installation, Construction, Alteration, and/or Repair Permit" is not correct or is untrue or that the septic-tank system is not being installed, constructed, altered and/or repaired in accordance with a valid Installation, Construction, Alteration, and/or Repair Permit

Stephen J. Wood
Environmentalist

John R. Adkisson
Environmental Health Director, or Authorized Section Head

EHD-5-76

**Environmental Health Department's Copy**

Serial No. 2446

Date Issued 14 Mar

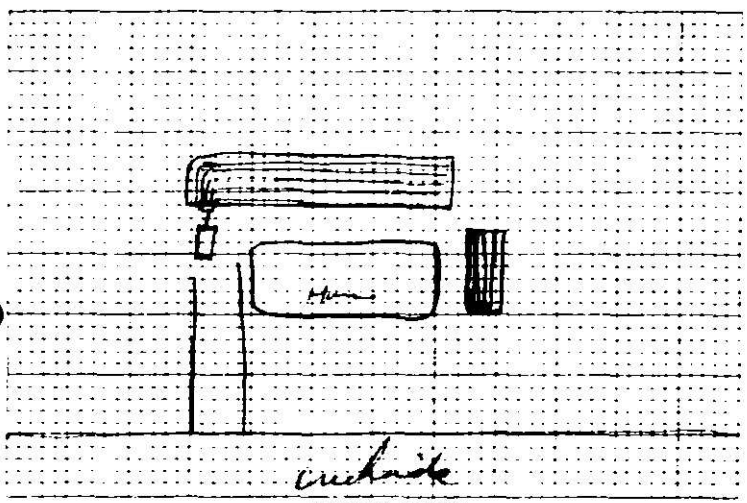
ICAR(S) Permit No. 12668

T C No(s) 215-13

Map Date

# MECKLENBURG COUNTY
# DEPARTMENT OF ENVIRONMENTAL HEALTH
## INSTALLATION, CONSTUCTION, ALTERATION, AND/OR REPAIR PERMIT
### (Individual Septic Tank System with Subsurface, Soil Absorption, Effluent Discharge)

Permission is hereby given to ✓ Install or Construct, ___ Alter or Repair the individual septic tank wastewater treatment system with subsurface, soil absorption effluent discharge as specified herein at the described location. This permit is granted based upon the information supplied in application ___, dated ___ and this permit shall be void and of no effect if the information provided in the application is not true or is erroneous. All work shall be completed on or before 14 Apr ____, after which date this permit shall be null and void.




PLOT OF SYSTEM

Permeability, Rate P.S *

Liquid Capacity of Tank 1500 gal

Tank Construction PC Conc

Absorption and/or Nitrification Lines

Total Line Length 440' & 125'

Number of Lines 5 & 4

Distance from House 10'

Distance from Property Line 10'

Distance from Well 100'

NAME OF OWNER Ralph Squires Const Co. Inc

LOCATION OF PROPERTY 13928 Creekside Dr.

This system shall meet all of the construction requirements as set forth in the Regulations of the Mecklenburg County Health Commission which are in effect on the date of the granting of this permit. A certificate of approval must be issued by the Environmental Health Director before any system can be covered up or otherwise rendered uninspectable or can be used. **The issuance of this permit does not in any way guarantee that the system anticipated to be constructed will operate properly, or relieve any person now or hereafter owning, controlling or using such system from any liability resulting from the failure of the system to operate properly.**

Comments: Soil conditions would indicate a perk rate (estimated) of no better than 120 min/in.

Division or Section Head

Environmentalist Steve Wood

* If this permit is for the installation or construction of a new system, it must be signed by the division or a section head of the Department of Environmental Health in order to be valid. Only the signature of the Environmentalist is required where an existing system is being altered or repaired.

EHD-5-76

**Environmental Health Department's Copy**

Date Issued 15 Mar

Serial No. 2381

C of A (s) No. 12668

T C No 215-131-01

# MECKLENBURG COUNTY
# DEPARTMENT OF ENVIRONMENTAL HEALTH

## ENVIRONMENTAL HEALTH DIVISION

## CERTIFICATE OF APPROVAL

**(Individual Septic Tank System with Subsurface, Soil Absorption, Effluent Discharge)**

Name of Owner Ralph (LAST) Squires (FIRST) Const. Inc. (MIDDLE)

Location of Property 13928 Creekside DR.

Application Number 12668 Permit Number 12668

**Inspection Data:**

Liquid Capacity of Tank 1500 gal Tank Material RC Conc.

Total Length of Drain Tile 440' & 125' Number of Lines 5 & 4

Depth of Filter Material 17" Cover Depth 15"

Water Supply Source well Distance from Water Source 100'

Excavation Inspected 14 Mar (DATE) Tank Inspected 14 Mar (DATE)

Nitrification Field Inspected 14 Mar (DATE)

Washing Machine Line Inspected, If Applicable 15 Mar (DATE)

The undersigned has inspected the Individual Septic Tank System with subsurface, soil absorption, effluent discharge as described above and it has been ✓ installed or constructed, ____ altered or repaired in accordance with the permit issued and the regulations of the Mecklenburg County Health Commission in effect on the date of issuance of the permit. The issuance of this Certificate of Approval does not in any way guarantee that the system will operate properly or relieve any person now or hereafter owning, controlling or using such system from any liability resulting from the failure of the system to operate properly. This Certificate of Approval is issued subject to those restrictions and conditions shown on the permit in addition to those listed below under comments. This Certificate of Approval shall be null and void if any information contained in the application is untrue or if any additions are made to the property which would increase the requirements for said system.

Comments Soil conditions extremely marginal

Steve Wood
Environmentalist

EHD-S-76

**Environmental Health Department's Copy**

SEE INSTRUCTIONS ON BACK

Date Received 12 June 79

ICAR (S) Application No 12668

T C No 715-1244

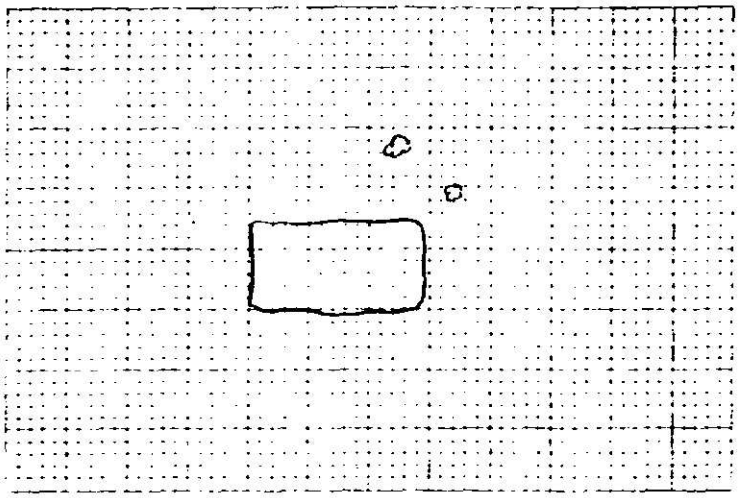
Map Date

# MECKLENBURG COUNTY
# DEPARTMENT OF ENVIRONMENTAL HEALTH

**Application for an**
**Installation, Construction, Alteration, and/or Repair Permit**
**(Individual Septic Tank System with Subsurface, Soil Absorption, Effluent Discharge)**

The owner of that property described hereinafter hereby applies to the Mecklenburg County Department of Environmental Health for a permit to

1) ___ Install or Construct 2) ✓ Alter or Repair an individual septic tank wastewater treatment system with a subsurface soil absorption effluent discharge



3) PLOT PLAN (ACCURATELY DIMENSIONED)

Mobile Home ___Yes ___No

Residence ✓Yes ___No

4 No. of Bedrooms 3

5 Business Use Max No Employees

6 Washing Machine ___Yes ___No

7 Garbage Disposal ___Yes ___No

8 Other ___Yes ___No

9 Water Supply

A Individual Well ✓

B Environmental System

C Community System

1 Well source

2 Environmental source

10 Sewage System

House located within 200 feet of public sewer ___Yes ___No

House located within 200 feet of community sewer ___Yes ___No

11 FHA Case No

12 VA Case No

13) NAME OF OWNER Keen (LAST) David (FIRST) (MIDDLE)

14) ADDRESS OF OWNER 13928 Creekside Dr

15) PHONE NO Home Office

16) LOCATION OF SYSTEM Same (STREET OR COUNTY ROAD)

17) SUBDIVISION Lot No Block No

Map Book No Page No.

18) DEED REFERENCE — DEED BOOK AT PAGE

19) HAS A SOIL INVESTIGATION BEEN RUN? YES NO DATE RUN

20) PTR NUMBER (See Instructions)

The undersigned person hereby agrees that he has read the foregoing application and that the contents of same are true. It is understood that any permit applied for herein shall be void and of no effect if any of the above facts are not true.

12 June 79
DATE OF APPLICATION

Mrs. David Keen
OWNER

EHD-5-76

ENVIRONMENTAL HEALTH DEPARTMENT'S COPY

Date Issued 12 June

**Serial No. 2844**

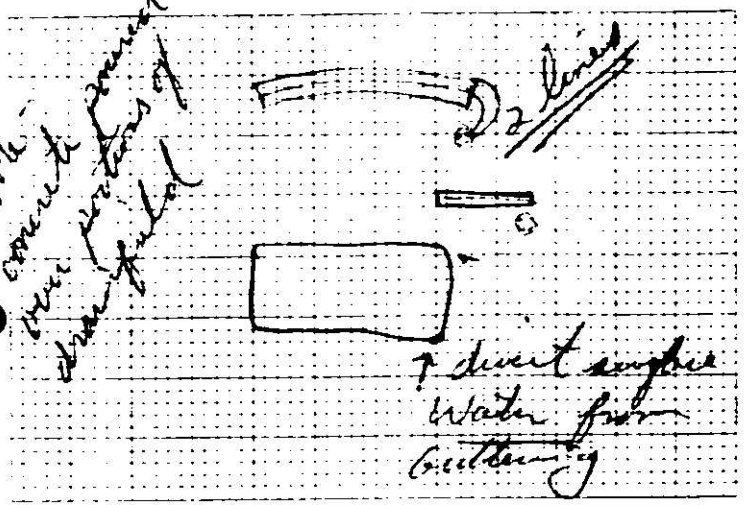
ICAR(S) Permit No. 12668

T C No 215-131-1

Map Date

# MECKLENBURG COUNTY
# DEPARTMENT OF ENVIRONMENTAL HEALTH
## INSTALLATION, CONSTUCTION, ALTERATION, AND/OR REPAIR PERMIT
### (Individual Septic Tank System with Subsurface, Soil Absorption, Effluent Discharge)

Permission is hereby given to Install or Construct, ~~Alter~~ or Repair the individual septic tank wastewater treatment system with subsurface soil absorption effluent discharge as specified herein at the described location. This permit is granted based upon the information supplied in application _____, dated 12 June and this permit shall be void and of no effect if the information provided in the application is not true or is errone ous. All work shall be completed on or before _____, after which date this permit shall be null and void




PLOT OF SYSTEM

Permeability Rate _____

Liquid Capacity of Tank Repair

Tank Construction _____

Absorption and/or Nitrification Line:

Trench Line Length 100' & 200'

Number of Lines 2 & 2

Distance from House 10'

Distance from Property Line 10'

Distance from Well 100'

NAME OF OWNER David Keen

LOCATION OF PROPERTY 13928 Creekside DR.

The system shall meet all of the construction requirements as set forth in the Regulations of the Mecklenburg County Health Commission which are in effect on the date of the granting of this permit. A certificate of approval must be issued by the Environmental Health Director before any system can be covered up or otherwise rendered uninspectable or can be used.

Comments 6 x 25 x 34" stone
6 x 50' x 34" stone

THE ISSUANCE OF THIS PERMIT DOES NOT IN ANY WAY GUARANTEE THAT THE SYSTEM ANTICIPATED TO BE CONSTRUCTED WILL OPERATE PROPERLY OR RELIEVE ANY PERSON NOW OR HEREAFTER OWNING, CONTROLLING OR USING SUCH SYSTEM FROM ANY LIABILITY RESULTING FROM THE FAILURE OF THE SYSTEM TO OPERATE PROPERLY.

_____
Division or Section Head

_____
Environmentalist

* If this permit is for the installation or construction of a new system, it must be signed by the division or a section head of the Department of Environmental Health in order to be valid. Only the signature of the Environmentalist is required where an existing system is being altered or repaired.

EHD-5-76

Environmental Health Department's Copy

Date Issued 15 June 79 **Serial No. 2760** C of A (s) No 12668

T C No 215-131-01

# MECKLENBURG COUNTY
# DEPARTMENT OF ENVIRONMENTAL HEALTH
## ENVIRONMENTAL HEALTH DIVISION

### CERTIFICATE OF APPROVAL
**(Individual Septic Tank System with Subsurface, Soil Absorption, Effluent Discharge)**

Name of Owner Keen (LAST) David (FIRST) ____ (MIDDLE)

Location of Property 13925 Creekside Dr

Application Number ____ Permit Number 12668

**Inspection Data:**

Liquid Capacity of Tank ____ Tank Material Repan

Total Length of Drain Tile 400' & 200'-ST. Number of Lines 2 & 2

Depth of Filter Material 34' Cover Depth 15"

Water Supply Source well Distance from Water Source 100'

Excavation Inspected — (DATE) Tank Inspected — (DATE)

Nitrification Field Inspected 15 Jun (DATE)

Washing Machine Line Inspected, If Applicable 15 Jun (DATE)

The undersigned has inspected the Individual Septic Tank System with subsurface, soil absorption, effluent discharge as described above and it has been ____ installed or constructed, ____ altered or repaired in accordance with the permit issued and the regulations of the Mecklenburg County Health Commission in effect on the date of issuance of the permit. The issuance of this Certificate of Approval does not in any way guarantee that the system will operate properly or relieve any person now or hereafter owning, controlling, or using such system from any liability resulting from the failure of the system to operate properly. This Certificate of Approval is issued subject to those restrictions and conditions shown on the permit(s) in addition to those listed below under comments. This Certificate of Approval shall be null and void if any information contained in the application is untrue or if any additions are made to the property which would increase the requirements for said system.

Comments Con — as permitted

Steve Lubood
Environmentalist

EHD-5-76

Environmental Health Department's Copy