Date Received 6/1/77

APT No. 2677

T. C. No. [illegible]

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

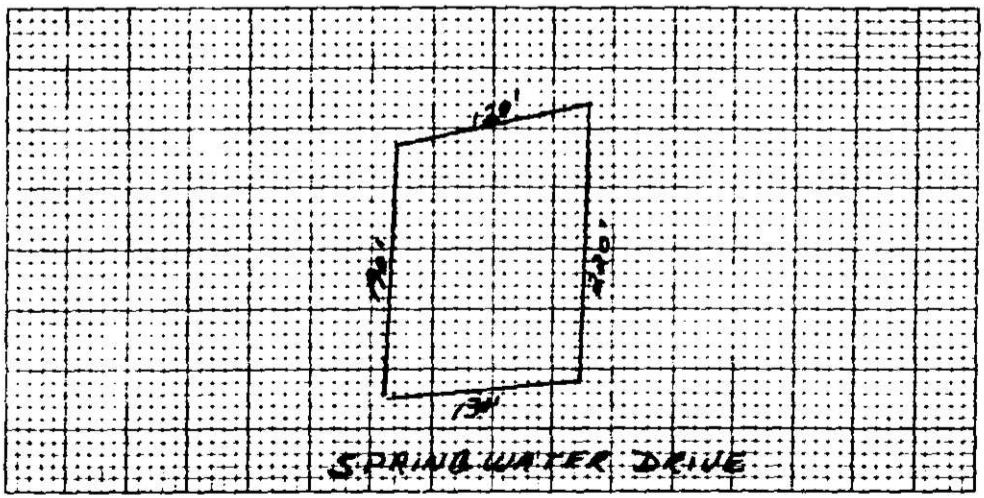
4) LOCATION OF PROPERTY 14011 Springwater Drive
(STREET OR COUNTY ROAD)

5) SUBDIVISION Windrow Estates LOT NO 6 BLOCK NO. N

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 Bogan
OWNER

EHD-5-76

Environmental Health Department's Copy

SOIL INVESTIGATION REPORT

Date of Investigation June 24, 1977 APT NO. 12677

Owner Ralph Squires Construction Co., Inc.

Location of Property 14011 Spring water Dr. lot No. 6 Block N

Soil Suitability Ratings Tax Lot No. P.O. 215 - 131-6-2

Soil Properties	Soil 1	Soil 2	Soil 3	Soil 4
1. Soil Series	Cecil			Cecil Depression
2. Soil Slope	suitable 3-8%			unsuitable depression
3. Soil Depth	suitable >48"			suitable >48"
4. Soil Texture	provisionally suitable clay			provisionally suitable clay
5. Soil Structure	provisionally suitable blocky			provisionally suitable blocky
6. Restrictive Horizons	———			———
7. Soil Drainage	suitable water table >6'			unsuitable water drainage through area
8. Soil Permeability (Percolation Rate)	provisionally suitable moderate			unsuitable slow 120 min/in
9. Other	60 min/in. ———			———
10. Overall Rating	provisionally suitable			unsuitable

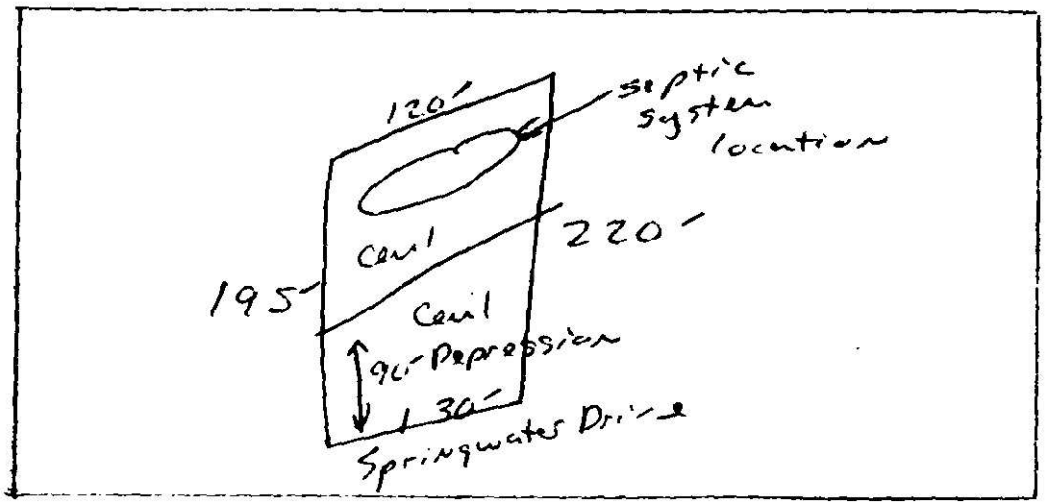
Recommendations Based on this investigation, the lot was found to have an adequate area of provisionally suitable soils for installation of a septic tank system. System design should be based on a percolation rate of 60 min/in. and should be placed in the area of Cecil soils.

See diagram on back

Li Edward Casavant
Soil Scientist

3/18/75
HHD 539

DIAGRAM OF PROPERTY



3/18/75
END 539

Serial No. 1004

PTR No. 12677

T C No P.0.215-131-01

Date Issued June 27, 1977

Map Date

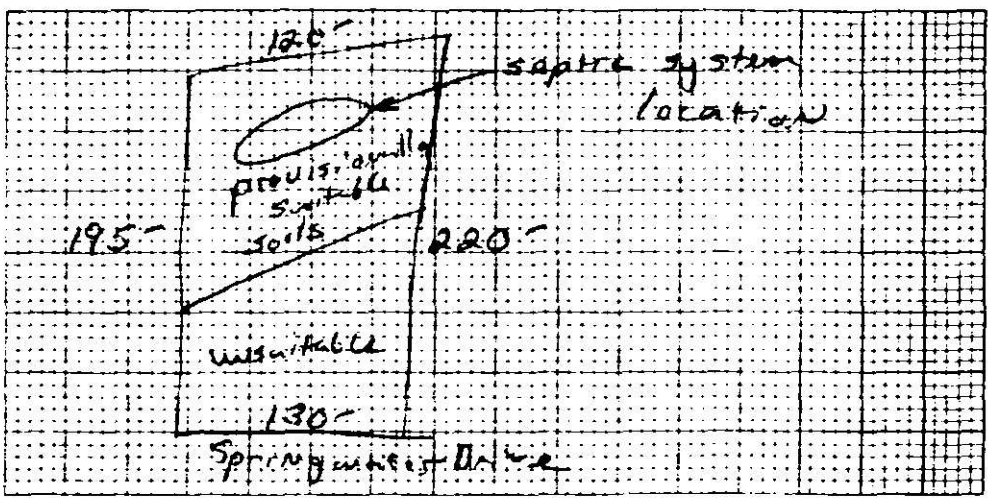
MECKLENBURG COUNTY
DEPARTMENT OF ENVIRONMENTAL HEALTH
SOIL INVESTIGATION REPORT

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 14011 Springwater Drive
(STREET OR COUNTY ROAD)

SUBDIVISION Windrow Estates LOT NO 6 BLOCK NO N



PLOT PLAN

This is to certify that a soil investigation and onsite 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 plot. **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 must be obtained prior to the installation of the proposed system. It will be obtained from the Mecklenburg County Department of Environmental Health prior to the beginning of any construction of buildings for the wastewater treatment system on the lot(s).
2. The size of the septic tank wastewater treatment system which must be installed will be determined by the Mecklenburg County Department of Environmental Health prior to the issuance of the permit based on the permeability rate obtained above, and on the size of the building, number of bedrooms, or other factors.
3. This approval is void if the system is not installed in the immediate area indicated as acceptable for system installation on the above plot.
4. This approval is void if any grading, filling, construction, including the drilling of wells, 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 unacceptable for the installation, construction, alteration, and or repair 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.

W. Edward Casement
Soil Scientist

John R. Atkinson
Environmental Health Director or Authorized Section Head

EHD-5-76

Environmental Health Department's Copy

SEE INSTRUCTIONS ON BACK

Date Received 1-10-79

ICAR(S) Application No. 12677

T C No. 215-151-01

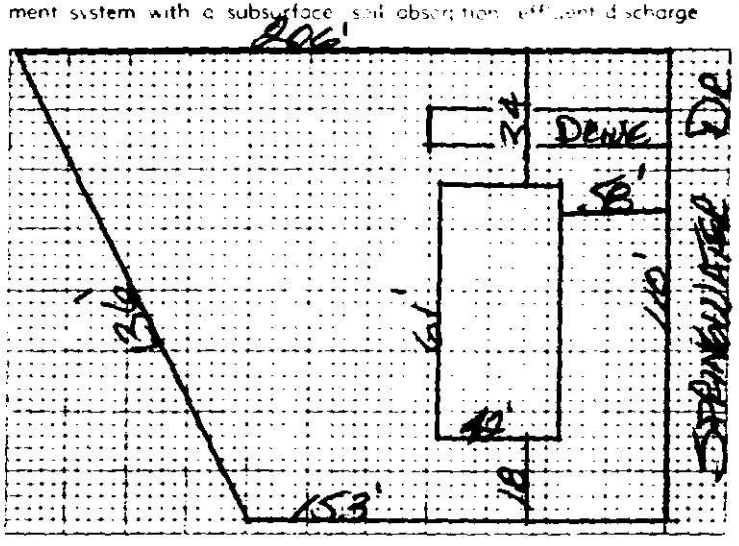
Map Date

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 4
5) Business Use — Max. No. Employees ___
6) Washing Machine ✓Yes ___No
7) Garbage Disposal ___Yes ✓No
8) Dishwasher ___Yes ✓No
9) Water Supply
A. Individual Well ✓
B. Governmental System ___
C. Community System
1. Well source ___
2. Governmental 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. N/A

13) NAME OF OWNER RALPH (LAST) SQUIRES CONST. CO., INC (FIRST) (MIDDLE)

14) ADDRESS OF OWNER PO Box 25178 28218

15) PHONE NO. Home ___ Office 537-9553

16) LOCATION OF SYSTEM 14011 SPRINKWATER DR. (STREET OR COUNTY ROAD)

17) SUBDIVISION WINDROW ESTATES Lot No. 6 Block No. N

Map Book No. 18 Page No. 305

18) DEED REFERENCE — DEED BOOK ___ AT PAGE ___

19) HAS A SOIL INVESTIGATION BEEN RUN? ✓YES ___NO DATE RUN 6-27-77

20) PTR NUMBER (See Instructions) 12677

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.

1-10-79
DATE OF APPLICATION

Bill Squires
OWNER

EHD-5-74

Health Department's Copy

Serial No. 2597

LA No. 12677

Date Issued January 10, 1979

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

Map Date _____

MECKLENBURG COUNTY
DEPARTMENT OF ENVIRONMENTAL HEALTH

TO THE BUILDING INSPECTION DEPARTMENT

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

NAME OF OWNER _____ Ralph Squires Company _____
LAST FIRST MIDDLE

ADDRESS OF OWNER _____ PO Box 25178 _____ ZIP _____

LOCATION OF LOT _____ 14011 Springwater Drive _____
STREET OR COUNTY ROAD

SUBDIVISION Windrow Estates LOT NO 6 BLOCK NO. N

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. ~~12677~~. 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 permit(s) 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

Steve Wood
Environmentalist

John R Atkisson
Environmental Health Director, or Authorized Section Head

EHD-5-76

Environmental Health Department's Copy

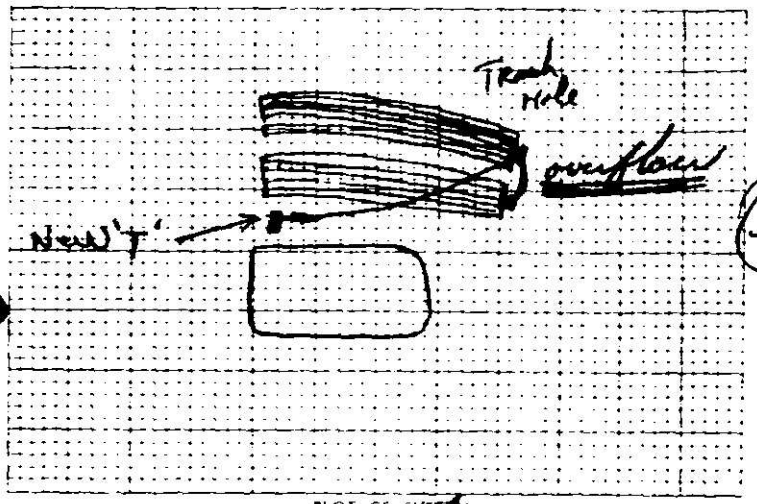
Date Issued 27 June 79 **Serial No. 2894** ICAR(S) Permit No. 12677

T C No. 215-131-01

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 12677, dated 1-10-79 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 27 July after which date this permit shall be null and void.



PLOT OF SYSTEM

Permeability Rate 5

Liquid Capacity of Tank 1500 gal; 1000 gal; 1000 gal

Tank Construction P.C. Conc

Absorption Field or Nitrification Line ND

Total Line Length 660'; 167'

Number of Lines 6; 5

Distance from House 10'

Distance from Property Line 10'

Distance from Well 100'

NAME OF OWNER Ralph Squires Const. Co.

LOCATION OF PROPERTY 14011 Springwater

The system shall meet all of the construction requirements as set forth in the Regulations of the Mecklenburg County Health Commission and 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 DESIGNED OR 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

2 (15' x 83' x 17' stone)

pump to cycle 200 gal
½ hp recommended

Division or Section Head

Environmentalist Steve Ward

* 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

SEE INSTRUCTIONS ON BACK

Date Received 8/9/79

ICAR(S) Application No 12677

T C No. C 215-13

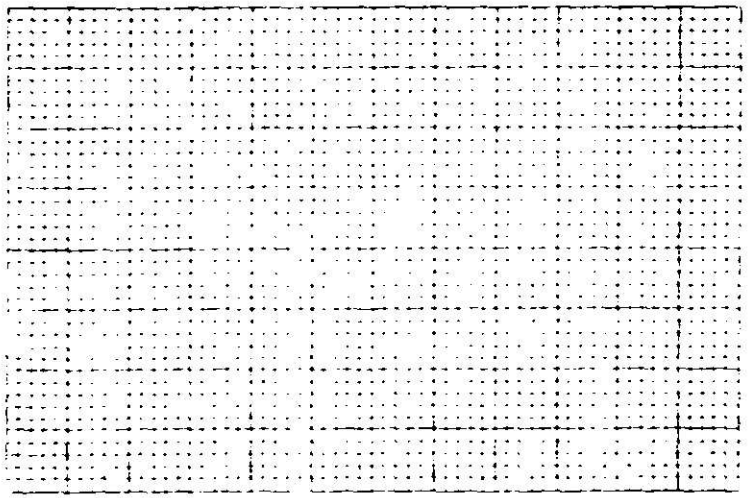
Map Date

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 4

5) Business Use - Max No Employees

6) Washing Machine (Yes) No

7) Garbage Disposal (Yes) No

8) Dishwasher (Yes) No

9) Water Supply
A) Individual Well
B) Governmental System
C) Community System
1) Well source
2) Governmental source

10) Sewage System
Residence located within 200 feet of public sewer Yes (No)
Mobile located within 200 feet of community sewer Yes (No)

11) FHA Case No N/A

12) VA Case No N/A

13) NAME OF OWNER Ralph Squires Co.

14) ADDRESS OF OWNER P.O. Box 25178 Charlotte 28210
(FIRST) (MIDDLE)

15) PHONE NO Home Office 537-9553

16) LOCATION OF SYSTEM 14011 Springwater Dr.
(STREET OR COUNTY ROAD)

17) SUBDIVISION Windrow 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.

8/16/79
DATE OF APPLICATION

Mitchell Deese - Const. Superintendent
OWNER

EHD-5-76

ENVIRONMENTAL HEALTH DEPARTMENT'S COPY

Serial No. 2974

C of A (s) No 12677

Date Issued 21 Aug 79

T C No 215-131-01

MECKLENBURG COUNTY
DEPARTMENT OF ENVIRONMENTAL HEALTH

ENVIRONMENTAL HEALTH DIVISION

~~ENVIRONMENTAL HEALTH SERVICES~~

CERTIFICATE OF APPROVAL

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

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

Location of Property Mail Speedway Dr

Application Number _____ Permit Number 12677

Inspection Data:

Liquid Capacity of Tank 1500 gal 1 compt Tank Material F.C. Conc.

Total Length of Drain Tile 160' & 167' Number of Lines 5 & 5

Depth of Filter Material 12" Cover Depth 18"

Water Supply Source Well Distance from Water Source 100'

Excavation Inspected — (DATE) Tank Inspected 21 Aug (DATE)

Nitrification Field Inspected 21 Aug (DATE)

Washing Machine Line Inspected, If Applicable 21 Aug (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 _____

_____

_____

_____

_____

A. Tuckwood
Environmentalist

EHD-S-76

Environmental Health Department's Copy