Date Received 1/12/80

APT No 16445

T C No pin 215-191-16

Map Date JAN, 79

MECKLENBURG COUNTY
DEPARTMENT OF ENVIRONMENTAL HEALTH

APPLICATION FOR SOIL INVESTIGATION

1) NAME OF OWNER RALPH SQUIRES CONST CO INC
(LAST FIRST MIDDLE)

2) ADDRESS OF OWNER P O BOX 25178 ZIP 28212

3) PHONE NO Home _____ Office 537-9553

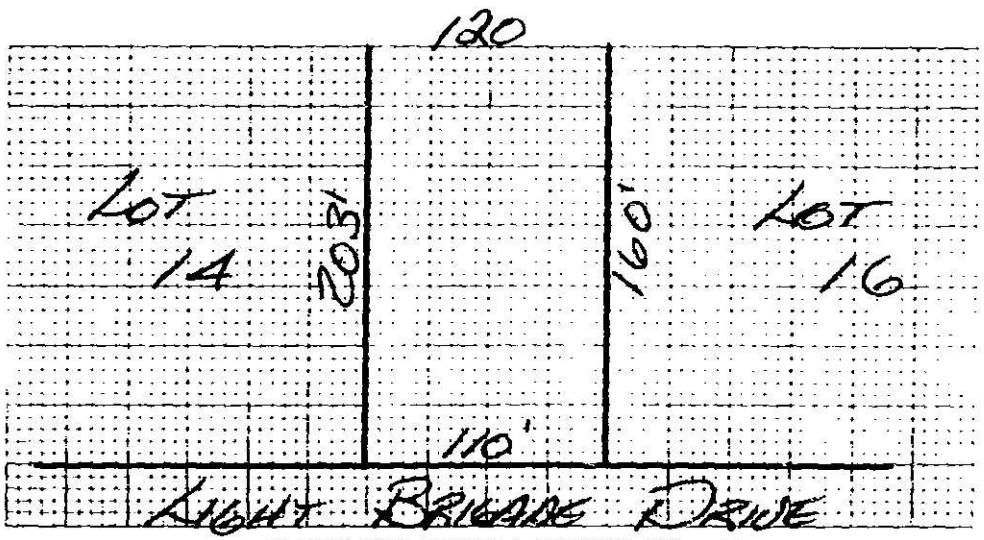
4) LOCATION OF PROPERTY LIGHT BRIGADE DR
(STREET OR COUNTY ROAD)

5) SUBDIVISION WINDROW LOT NO 15 BLOCK NO 5

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 premises above 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

Bill Squires
OWNER

EHD-5-76

Environmental Health Department's Copy

NORTH CAROLINA
DEPARTMENT OF HUMAN RESOURCES
DIVISION OF HEALTH SERVICES
RALEIGH, NORTH CAROLINA

APPENDIX II
SITE EVALUATION
(Ground Absorption Sewage Disposal)

S.I.R. No. 16446 5
T.C. No. PO 215-131-15,16

OWNER: RALPH SQUIRES CONST. CO. DATE REQUESTED: 1-17-80
ADDRESS: PO Box 25178 PLAT NO:
COUNTY: MECK. 28212 LOT SIZE: 20,925
LOCATION OF SITE: LIGHT BRIGADE DRIVE Lot 16 Block 8 R 5

FACTORS	AREA 1	AREA 2	AREA 3	AREA 4
1. SLOPE (%)	S (PS) 2-10 U	S PS U	S PS U	S PS U
2. SOIL TEXTURE (12-36 inches) Sandy, Loamy, Clayey (Note 2:1 Clay)	S PS (U) Mixed	S PS U	S PS U	S PS U
3. SOIL STRUCTURE (12-36 inches)	S PS (U) Block to Massive	S PS U	S PS U	S PS U
4. SOIL DEPTH (inches)	S PS (U) <48	S PS U	S PS U	S PS U
5. RESTRICTIVE HORIZONS (inches) (Impervious strata, Rock)	S PS (U) Clay	S PS U	S PS U	S PS U
6. SOIL DRAINAGE/GROUNDWATER (external and internal)	S PS (U) Slow	S PS U	S PS U	S PS U
7. SOIL PERMEABILITY (percolation rate)	S ~~PS~~ (U) Slow	S PS U	S PS U	S PS U
8. OTHER (specify)	S PS U	S PS U	S PS U	S PS U
9. SITE CLASSIFICATION	Unsuitable			
10. SOIL SERIES	Shallow: Cover of Cecil over Vance VANCE			

S - Suitable PS - Provisionally Suitable U - Unsuitable

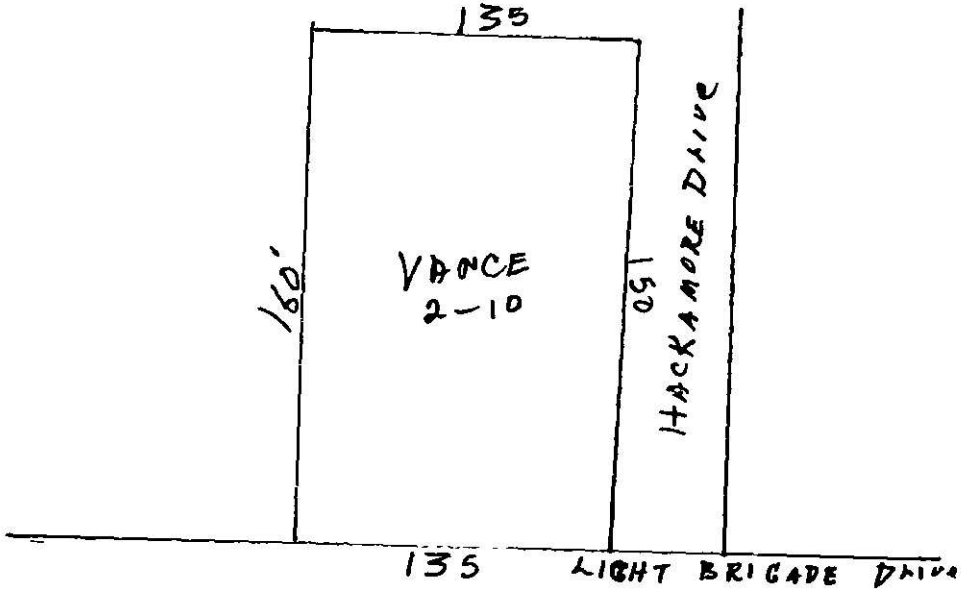
** See Diagram on Back (includes: soil areas, property lines, roads, streams, gullies, wet areas, fill areas, wells, water bodies, slope)

Recommendations/Comments:

Described By: Willard B. Ramsey
Title: Soil Scientist
Date: 3-18-80

DHS Form 2601
Sanitation
EHD 539 (2/80)

2


135
160'
VANCE
2-10
150
HACKAMORE DRIVE
135
LIGHT BRIGADE DRIVE

MECKLENBURG COUNTY
DEPARTMENT OF ENVIRONMENTAL HEALTH
1200 BLYTHE BOULEVARD
CHARLOTTE NORTH CAROLINA 28203

SITE INVESTIGATION REPORT
INDIVIDUAL SEPTIC TANK SYSTEM
WITH SUBSURFACE,
SOIL ABSORPTION,
EFFLUENT DISCHARGE

S.I.R. No. ~~16446~~ 16445

T.C. No. ~~po 251-131-15,16~~

DATE ISSUED ~~March 26, 1980~~

NAME OF OWNER Ralph Squires Const. Co.

ADDRESS OF OWNER PO Box 25178, Charlotte, NC 28212

LOCATION OF PROPERTY Light Brigade Dr., Lot 16, Block 5, Windrow

As determined under the Rules and Regulations promulgated by the Commission for Health Services, Division of Health Services, North Carolina Department of Human Resources, Raleigh, North Carolina, the soils on the lot described above were found to be unsuitable for the installation of an individual septic tank, soil absorption system, due to the following reason:

Soil Structure Massive

Soil Permeability Unsuitable

John R. Adkisson

John R. Adkisson, Environmentalist

EHD 8
(revised 3/25/80)

NORTH CAROLINA
DEPARTMENT OF HUMAN RESOURCES
DIVISION OF HEALTH SERVICES
RALEIGH, NORTH CAROLINA

APPENDIX II
SITE EVALUATION

S.I.R. No. 16445
T.C. No. PO 215-131-15,16

(Ground Absorption Sewage Disposal)

OWNER: RALPH SQUIRES CONST. CO. DATE REQUESTED: 1-17-80
ADDRESS: PO Box 25178 PLAT NO:
COUNTY: MECK. 28212 LOT SIZE: 20815
LOCATION OF SITE: LIGHT BRIGADE DRIVE LOT 15 Block S

FACTORS	AREA 1	AREA 2	AREA 3	AREA 4
1. SLOPE (%)	S (PS) 2-10 U	S PS U	S PS U	S PS U
2. SOIL TEXTURE (12-36 inches) Sandy, Loamy, Clayey (Note 2:1 Clay)	S PS Mixed (U)	S PS U	S PS U	S PS U
3. SOIL STRUCTURE (12-36 inches)	S PS Blocky (U) massive	S PS U	S PS U	S PS U
4. SOIL DEPTH (inches)	S PS 48 (U)	S PS U	S PS U	S PS U
5. RESTRICTIVE HORIZONS (inches) (Impervious strata, Rock)	S PS Clays (U)	S PS U	S PS U	S PS U
6. SOIL DRAINAGE/GROUNDWATER (external and internal)	S PS slow (U)	S PS U	S PS U	S PS U
7. SOIL PERMEABILITY (percolation rate)	S PS slow (U)	S PS U	S PS U	S PS U
8. OTHER (specify)	S PS U	S PS U	S PS U	S PS U
9. SITE CLASSIFICATION	Unsuitable			
10. SOIL SERIES	VANCE			

S - Suitable PS - Provisionally Suitable U - Unsuitable

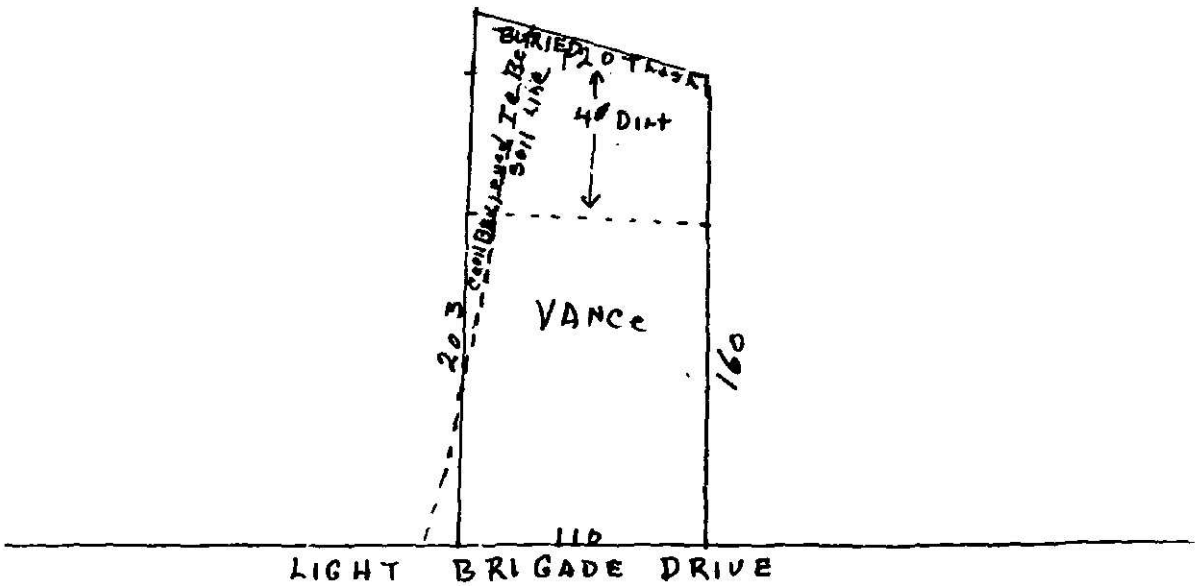
** See Diagram on Back (includes: soil areas, property lines, roads, streams, gullies, wet areas, fill areas, wells, water bodies, slope)

Recommendations/Comments: The Soil under The Piled up Dirt is Believed To Be Vance And unsuitable.

Described By: Willard B. Ramsey
Title: Soil Scientist I
Date: 3-18-80

DHS Form 2601
Sanitation
EHD 539 (2/80)

2


BURIED PLOT TRUST
4' DIRT
VANCE
203
160
110
LIGHT BRIGADE DRIVE

MECKLENBURG COUNTY
DEPARTMENT OF ENVIRONMENTAL HEALTH
1200 BLYTHE BOULEVARD
CHARLOTTE NORTH CAROLINA 28203

SITE INVESTIGATION REPORT
INDIVIDUAL SEPTIC TANK SYSTEM
WITH SUBSURFACE,
SOIL ABSORPTION,
EFFLUENT DISCHARGE

S.I.R. No. 16645

T.C. No. po 215-131-15,16

DATE ISSUED March 26, 1980

NAME OF OWNER Ralph Squires Const. Co.

ADDRESS OF OWNER PO Box 25178, Charlotte, NC 28212

LOCATION OF PROPERTY Light Brigade Drive, Lot 15, Block S, Windrow

As determined under the Rules and Regulations promulgated by the Commission for Health Services, Division of Health Services, North Carolina Department of Human Resources, Raleigh, North Carolina, the soils on the lot described above were found to be unsuitable for the installation of an individual septic tank, soil absorption system, due to the following reason:

Soil Structure Massive

Soil Permeability Unsuitable

John R. Adkisson

John R. Adkisson, Environmentalist

EHD 8
(revised 3/25/80)

REAL ESTATE
BOOK PAGE

STATE OF NORTH CAROLINA
COUNTY OF MECKLENBURG

4676 0220

SEPTIC TANK AGREEMENT 1644 S

The undersigned, Ralph Squires Co., Inc., owner of property located at [illegible] Blackmore Drive, ("the site") and described in instrument recorded in Book [illegible] at Page 839, Mecklenburg Public Registry, hereby acknowledges that he applied to the Department of Environmental Health for a permit to install a septic tank sewage disposal system on the site; the Department evaluated the site for suitability for such a system in accord with the regulations promulgated by the North Carolina Commission for Health Services as 10 NCAC 10A .1900 et seq; that the Department classified the site as unsuitable and an appropriate permit was issued by the Department.

The undersigned further acknowledges that the proper design, construction, and maintenance of such septic tank system is his responsibility and that neither the Department nor its officials, employees or agents warrant or guarantee that the said system installed pursuant to the permit issued by the Department will function in a satisfactory manner for any given period of time or that the Department, its officials, employees or agents assume any liability for damages, consequential or direct, which are caused, or which may be caused by a malfunction of such system.

This document shall be placed on the public records of the Register of Deeds of Mecklenburg County and indexed therein under the Grantor Index in the name or names of the undersigned, and the foregoing acknowledgements shall henceforth be binding on all persons claiming any right, title, or interest in the site.

And the undersigned further agrees for himself, his heirs and assigns that he shall indemnify and hold harmless the Department and its successors, as well as Mecklenburg County, for any damages or other claims of any person or persons whatsoever arising out of the installation operation, or failure of said septic tank system.

And the undersigned further agrees for his heirs and assigns that, in the event any septic tank system installed under authority of the aforesaid permit fails to perform adequately, in any respect, he will take whatever measures are required to correct same; or if such is impossible he will discontinue use of said system immediately.

Use of the singular masculine pronoun forms herein shall be deemed to also include the plural and feminine forms as the context may require.

This 7th day of June, 1983.

Ralph Squires Const. Co., Inc.
Gary N. Baucom, Exec. Vice President

Gary N. Baucom (Seal)
(Seal)

ATTESTED TO:
BY: Howard A. Cain
Howard A. Cain

STATE OF NORTH CAROLINA
COUNTY OF MECKLENBURG

I, _____, a Notary Public for said County and State, do hereby certify that _____ personally appeared before me this date and acknowledged the due execution of the foregoing instrument.

WITNESS my hand and notarial seal, this _____ day of _____, 19__.

Notary Public
My Commission Expires: _____

CHARGE MECKLENBURG REGISTER OF DEEDS JUN 12 2 PM 1983 BOOK PAGE

STATE OF NORTH CAROLINA
COUNTY OF MECKLENBURG UNION

I, Sophia G. Lawson, a Notary Public for said County and State, do hereby certify that Howard A. Cain personally came before me this day and acknowledged that he is Sect. of Ralph Squires, and that by authority duly given and as the act and deed of said corporation, the foregoing instrument was signed in its name by its Exec. Vice Pres., sealed with its corporate seal and attested by him.

WITNESS my hand and notarial seal, this 7th day of June, 1983.

Sophia G. Lawson
Notary Public
My Commission Expires: 3-29-88

Mail to Dept. of Environmental Health

Date Received 5-5-83

SEE INSTRUCTIONS ON BACK
MECK. COUNTY DEPARTMENT OF ENVIRONMENTAL HEALTH
RECEIVED
MAY 5 1983

ICAR (S) Application No 16445
1 PR0215-131-15,16

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

See Plot Plan

3) PLOT PLAN (ACCURATELY DIMENSIONED)

Mobile Home Yes No
Residence X Yes No
4) No of Bedrooms 4
5) Business Use - Max No Employees
6) Washing Machine X Yes No
7) Garbage Disposal X Yes No
8) Dishwasher X Yes No
9) Water Supply
A) Individual Well X
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
12) VA Case No

13) NAME OF OWNER Ralph Squires Const. Co.
LAST FIRST MIDDLE
14) ADDRESS OF OWNER P.O. Box 25178
15) PHONE NO Home Office 537-9553
16) LOCATION OF SYSTEM corner of ~~Light Brigade~~ 1462 & Hackamore Dr.
STREET OR COUNTY ROAD
17) SUBDIVISION Winrow II Lot No 15 Block No 5
Map Book No Page No
18) DEED REFERENCE — DEED BOOK AT PAGE
19) HAS A SOIL INVESTIGATION BEEN RUN? X 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.

DATE OF APPLICATION 5-2-83

OWNER Larry Schwartz

EHD-5-76

ENVIRONMENTAL HEALTH DEPARTMENT'S COPY

16445

STATE OF NORTH CAROLINA
COUNTY OF MECKLENBURG

COPY

SEPTIC TANK AGREEMENT

The undersigned, Ralph Squires Co., Inc., owner of property located at [illegible] Blackmore Drive, ("the site") and described in instrument recorded in Book 4157 at Page 839, Mecklenburg Public Registry, hereby acknowledges that he applied to the Department of Environmental Health for a permit to install a septic tank sewage disposal system on the site; the Department evaluated the site for suitability for such a system in accord with the regulations promulgated by the North Carolina Commission for Health Services as 10 NCAC 10A .1900 et seq; that the Department classified the site as unsuitable and an appropriate permit was issued by the Department.

The undersigned further acknowledges that the proper design, construction, and maintenance of such septic tank system is his responsibility and that neither the Department nor its officials, employees or agents warrant or guarantee that the said system installed pursuant to the permit issued by the Department will function in a satisfactory manner for any given period of time or that the Department, its officials, employees or agents assume any liability for damages, consequential or direct, which are caused, or which may be caused by a malfunction of such system.

This document shall be placed on the public records of the Register of Deeds of Mecklenburg County and indexed therein under the Grantor Index in the name or names of the undersigned, and the foregoing acknowledgements shall henceforth be binding on all persons claiming any right, title, or interest in the site.

And the undersigned further agrees for himself, his heirs and assigns that he shall indemnify and hold harmless the Department and its successors, as well as Mecklenburg County, for any damages or other claims of any person or persons whatsoever arising out of the installation operation, or failure of said septic tank system.

And the undersigned further agrees for his heirs and assigns that, in the event any septic tank system installed under authority of the aforesaid permit fails to perform adequately, in any respect, he will take whatever measures are required to correct same; or if such is impossible he will discontinue use of said system immediately.

Use of the singular masculine pronoun forms herein shall be deemed to also include the plural and feminine forms as the context may require.

This 7th day of June, 1983.

Ralph Squires Const. Co., Inc.
Gary N. Baucom, Exec. Vice Presid[illegible]

Gary Baucom (Seal)
(Seal)

ATTESTED TO:
BY: Howard A. Cain
Howard A. Cain

STATE OF NORTH CAROLINA
COUNTY OF MECKLENBURG

I, _____, a Notary Public for said County and State, do hereby certify that _____ personally appeared before me this date and acknowledged the due execution of the foregoing instrument.

WITNESS my hand and notarial seal, this _____ day of _____, 19___.

CHARLOTTE MECKLENBURG REGISTER OF DEEDS JUN 29 PM 1983 PRESENTED FOR REGISTRATION

Notary Public
My Commission Expires: _____

STATE OF NORTH CAROLINA
COUNTY OF MECKLENBURG (Union)

I, Sophie G. Lawson, a Notary Public for said County and State, do hereby certify that Howard A. Cain personally came before me this day and acknowledged that he is Sec't. of Ralph Squires Co. and that by authority duly given and as the act and deed of said corporation, the foregoing instrument was signed in its name by its Exec. Vice Pres., sealed with its corporate seal and attested by H.M.

WITNESS my hand and notarial seal, this 7th day of June, 1983.

Sophie G. Lawson
Notary Public
My Commission Expires: 3-29-88

Serial No. 6490

SIR No. 16445

Date Issued 5-27-83

T C. No. PO 215-131-15,16

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 Const. Co.
(LAST / FIRST / MIDDLE)

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

LOCATION OF LOT 14462 Hackamore Drive
(STREET OR COUNTY ROAD)

SUBDIVISION Windrow II LOT NO. 15 BLOCK NO. S

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 16445. 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, altered, 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.

*** AGREEMENT CARD ON FILE ***

Bill D. Henderson Jr.

Environmentalist

Environmental Health Director, or Authorized Section Head

EHD-S-76

Environmental Health Department's Copy

Serial No. 6539

ICAR(S) Permit No 16445

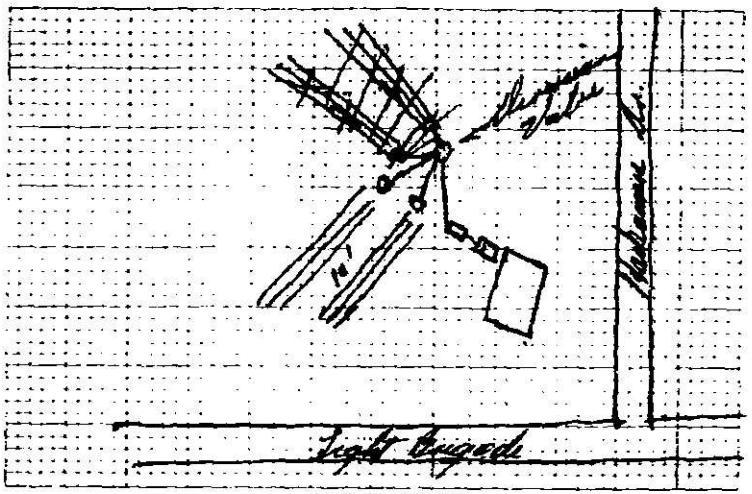
Date Issued 18 Aug 83

T C No P.O. 215-131-13/16

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 waste water 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 16445 dated 5 May 83 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 18 Aug 83, after which date this permit shall be null and void.



PLOT OF SYSTEM

Permeability Rate 0.5

Liquid Capacity of Tank 1500

Tank Construction PC

Application Rate 600'

Number of Bedrooms 3&3

Distance from Water Course >5'

Distance from Property Line >10'

Distance from Well >100'

NAME OF OWNER Ralph Aguirre Const. Co.

LOCATION OF PROPERTY 1446 2 Mackenzie Dr. (Lot 15-5)

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 nor 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.

2 sets of trenches 3'X 70c'X 12" rock + 6" sand 9 trenches

Comments: prop will utilize sewage sumplex; High water alarm will be on separate circuit.

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 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

HEALTH DEPARTMENT'S COPY

BE-9-16 83

C of A (s) No 16445

Date Issued Sept 15 1983 Serial 6153

T C No 215-13L 15/16

MECKLENBURG COUNTY
DEPARTMENT OF ENVIRONMENTAL HEALTH

CERTIFICATE OF COMPLETION

CERTIFICATE OF APPROVAL

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

Name of Owner RALPH (LAST) SQUIRES (FIRST) CONST. CO. (MIDDLE)

Location of Property 14462 HACKAMORE DRIVE

Application Number 16445 Permit Number 16445

Inspection Data:

Liquid Capacity of Tank 1000 & 1500 GAL. Tank Material PRE CAST CONCRETE

Total Length of Drain Tile 600 LIN FT Number of Lines SIX

Depth of Filter Material 12" STONE 24" SAND Cover Depth ONE TO THREE FT.

Water Supply Source WELL Distance from Water Source 700 FT

Excavation Inspected 9-9-83 (DATE) Tank Inspected 9-15-83 (DATE)

Nitrification Field Inspected 9-9-83 (DATE)

Washing Machine Line Inspected, If Applicable — (DATE)

The undersigned has inspected the Individual Septic Tank System with subsurface, soil absorption, effluent discharge as described above and it has been X 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 change from 6" SAND TO 24" as per Bill Poplin Supt request without conferring with ENV HEALTH DEPT

Robert Miller
Environmentalist

EHD-5-76

ENVIRONMENTAL HEALTH DEPARTMENT'S COPY