Date Received 9/26/79

MECK COUNTY DEPARTMENT OF
RECEIVED
SEP 26 1979
ENVIRONMENTAL HEALTH

APT No 16189

T. C No P.O. 049-261-07

Map Date

MECKLENBURG COUNTY
DEPARTMENT OF ENVIRONMENTAL HEALTH

APPLICATION FOR SOIL INVESTIGATION

1) NAME OF OWNER Civil Realty, Inc
LAST FIRST MIDDLE

2) ADDRESS OF OWNER PO 13054 Charlotte NC ZIP 28278

3) PHONE NO Home 535-0509 Office

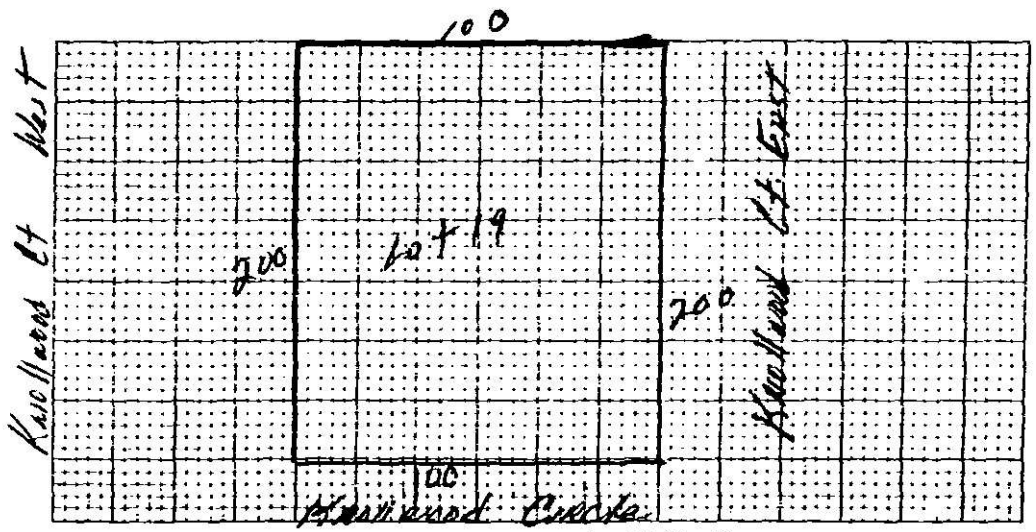
4) LOCATION OF PROPERTY Knollwood Circle
STREET OR COUNTY ROAD

5) SUBDIVISION Knollwood LOT NO 19 BLOCK NO

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

Rocky River Rd.

OWNER J K Civil

EHD-5-76

Environmental Health Department's Copy

S. I. R. NO. 16189

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

APPENDIX II
SITE EVALUATION

T. C. # P.O. 049-261-07
Lot # 19

(Ground Absorption Sewage Disposal)

OWNER: CIVIL REALITY, INC DATE REQUESTED: 9-26-79
ADDRESS: PLAT NO.:
COUNTY: CHARLOTTE LOT SIZE: 20,000
LOCATION OF SITE: KNOLLWOOD CIRCLE

FACTORS	AREA 1	AREA 2	AREA 3	AREA 4
1. SLOPE (%)	S (PS) U 2 - 16	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) Clayey Saprolite	S PS U	S PS U	S PS U
3. SOIL STRUCTURE (12.36 in.) (Clayey Soils)	S ✓ PS (U) Massive	S PS U	S PS U	S PS U
4. SOIL DEPTH (In.)	S PS (U) 16" - 15"	S PS U	S PS U	S PS U
5. RESTRICTIVE HORIZONS (In.) (Impervious Strata, Rock)	S PS (U) Saprolite	S PS U	S PS U	S PS U
6. SOIL DRAINAGE/GROUNDWATER (External & 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			
SOIL SERIES	Eroded Cecil			

S - Suitable PS - Provisionally Suitable U - Unsuitable

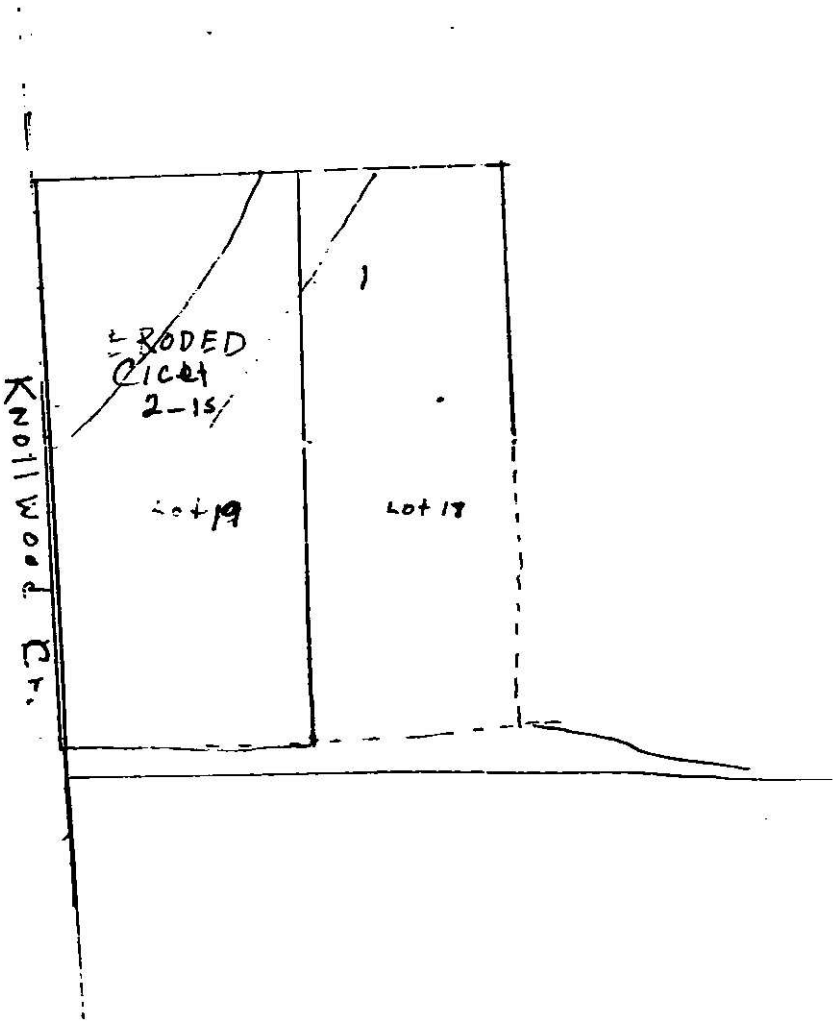
* See Diagram on Back (Include: Soil areas, property lines, roads, streams, gullies wet areas, fill areas, wells, water bodies, slope patterns, etc

Recommendations/Comments: About 10-15" of A Cecil Soil Remain. Saprolite is in an advance stage of Decay And is, more Than 40" Deep suggest this lot be combined with -18-

Described By: W. B. Ramsey

Title: Soil Scientist Date: 10-9-79

DHS Form 2601
Sanitation
EHD 539 (3/79)


KNOLLWOOD CT.
Lot 19
Lot 18

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

SIR.NO. 16189
T.C.NO. po 049-261-07
MAP DATE
DATE Oct. 10, 1979

NAME OF OWNER Civil Realty, Inc.

ADDRESS OF OWNER PO Box 18054, Charlotte, NC 28218

LOCATION OF LOT Knollwood Circle, Lot 19

At your request and pursuant to Section .1900 of the North Carolina Administrative Code, Title 10, Department of Human Resources, Chapter 10, Health Services, Subchapter 10A, a site evaluation has been made for an on premises ground absorption sewage disposal system on the property designated above and the following conditions were found:

Soil Structure Massive
Soil Depth Unsuitable
Site Classification Unsuitable

Sites classified as Unsuitable are not acceptable for soil absorption of sewage effluent. However, if engineering, geologic, soil, and environmental studies indicate that a suitable septic tank system or a suitable alternate system can be expected to function satisfactorily, such sites may be re-classified as Provisionally Suitable. (Section 10 of the North Carolina Administrative Code 10 A,.1910)

If you desire to file for permission to install an "alternate or modified" system, you should present this office with your proposals in the form of plans and specifications. These would be reviewed and if it is found that the system may reasonably be expected to function satisfactorily, approval may be given on the execution by you of a "Septic Tank Agreement Form" available in this office.

Stephen J. Wood

Stephen J. Wood, Environmentalist

4

STATE OF NORTH CAROLINA
COUNTY OF MECKLENBURG

'79 Nov 30 AM 11 06

COPY

SEPTIC TANK AGREEMENT 16189

PRESENTED FOR REGISTRATION

The undersigned, Civil Realty, Inc, owner of property located at Lot 19 Block 1 Knollwood Circle, ("the site") and described in instrument recorded in Book 16 at Page 277, 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 idemnify 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 31st day of October, 1979.

Attest:
Evelyn B. Stevens
Secretary

CIVIL REALTY, INC. (Seal)

By: John K. Civil, Jr. (Seal)
President

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: _____

STATE OF NORTH CAROLINA,
COUNTY OF MECKLENBURG

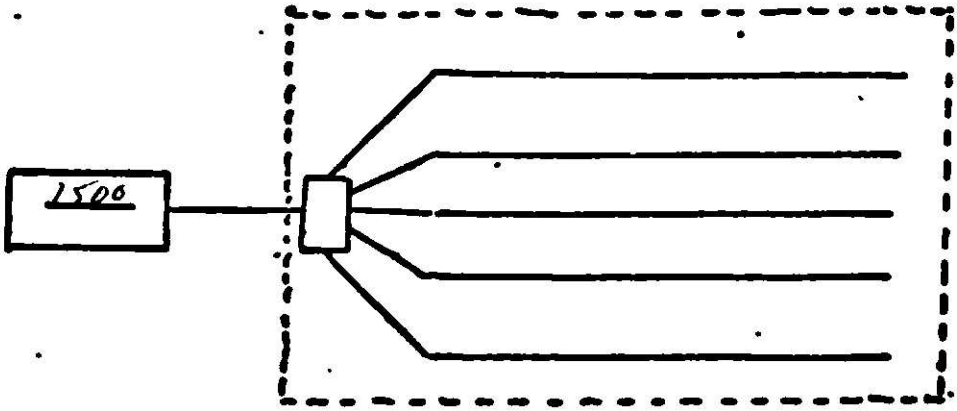
I, Louise F. Chalmers, a Notary Public for said County and State, do hereby certify that John K. Civil, Jr. personally came before me this day and acknowledged that he is President of Civil Realty, Inc., and that by authority duly given and as the act and deed of said corporation, the foregoing instrument was signed in its name by its President, sealed with its corporate seal and attested by Evelyn B. Stevens as its Secretary.

WITNESS my hand and notarial seal, this 31st day of October, 1979.

Louise F. Chalmers
Notary Public

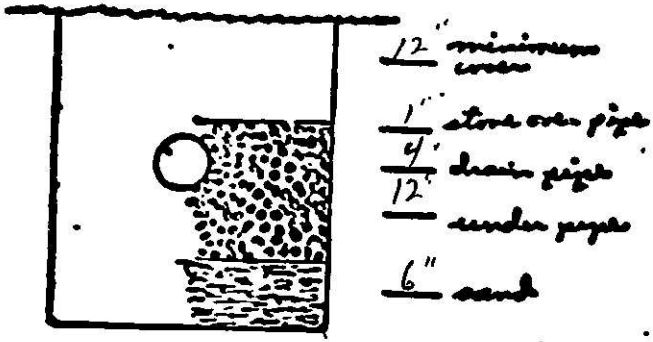
My Commission Expires August 18, 1981

#16189



5 drain pipe 22' long 3' on center
1485 sq foot bottom area.

MECK COUNTY DEPARTMENT OF
RECEIVED
DEC 13 1989
ENVIRONMENTAL HEALTH

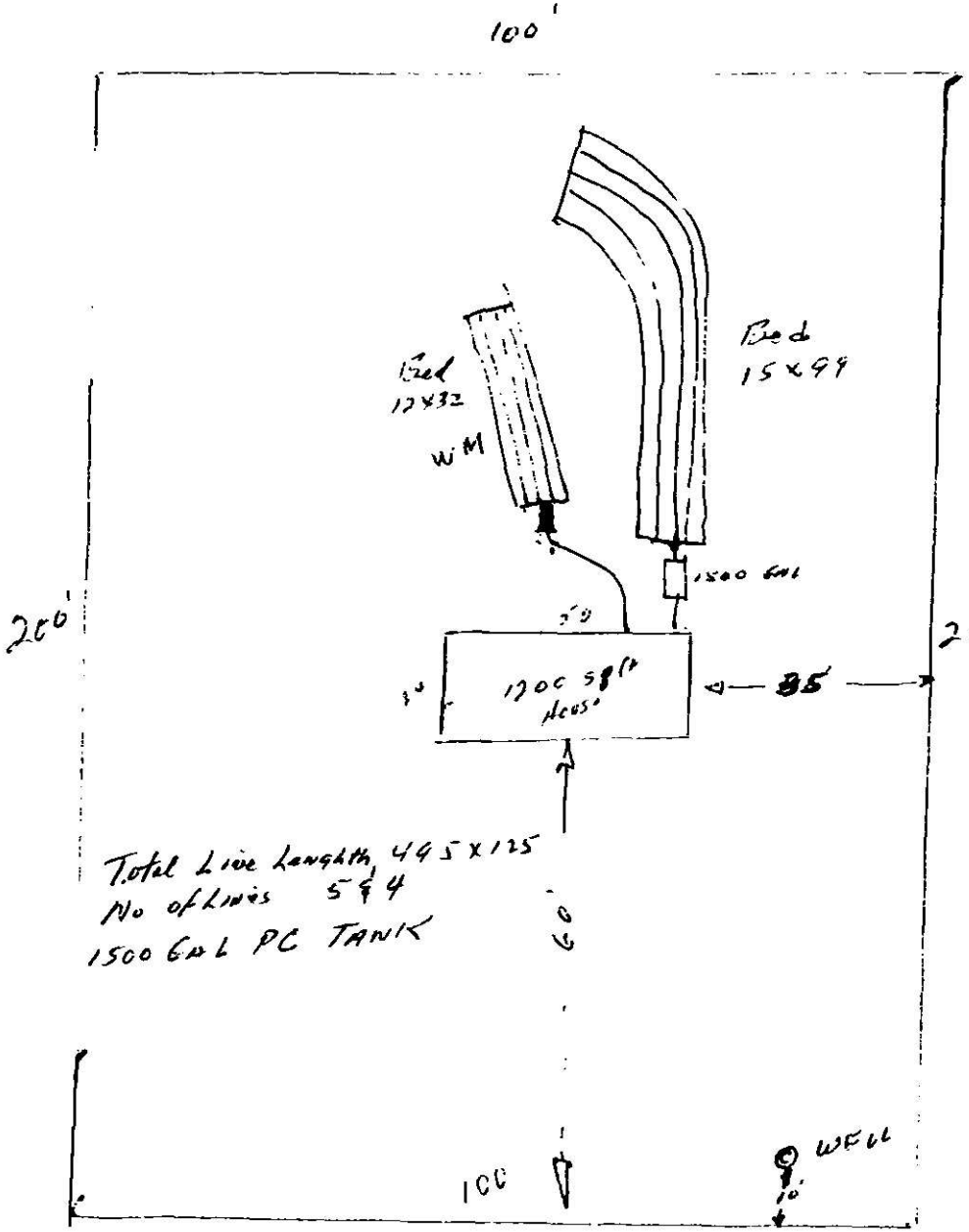


Submitted for consideration and approval: PO049-26-07
SIR# 16190

Lot 19 Knollwood Circle
Property Location

John K Cecil
Owner's Signature

Bed System



Lot 18 Hazelwood Circle
SIRE 10/90

Serial No. 3795

LA No. 16189

Date Issued Dec. 18, 1979

T C No. po 049-261-07

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 Civil Realty Company
(LAST / FIRST / MIDDLE)

ADDRESS OF OWNER PO Box 18054, Charlotte, North Carolina ZIP 28218

LOCATION OF LOT Knollwood Circle
(STREET OR COUNTY ROAD)

SUBDIVISION Knollwood Acres LOT NO 19 BLOCK NO.

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 16189. 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.

AGREEMENT INSTALLATION

Environmentalist:

John R Adkisson
Environmental Health Director, or Authorized Section Head

EHD-5-76

Environmental Health Department's Copy

SEE INSTRUCTIONS ON BACK

Date Received 12/3/79

ICAR (S) Application No 16189

T C No 70 049-261-07

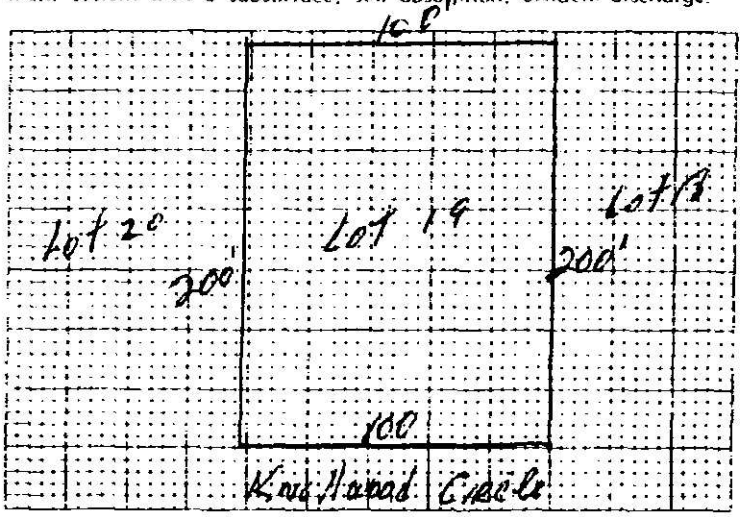
Map Date

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.



31 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 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 ___

13) NAME OF OWNER Civil Realty
LAST FIRST MIDDLE

14) ADDRESS OF OWNER PO Box 16054 Charlotte NC 28218

15) PHONE NO Home 535-0509 Office ___

16) LOCATION OF SYSTEM Knollwood Circle
STREET OR COUNTY ROAD

17) SUBDIVISION Knollwood Acres Lot No. 19 Block No. 1

Map Book No 16 Page No. 277

18) DEED REFERENCE — DEED BOOK ___ AT PAGE ___

19) HAS A SOIL INVESTIGATION BEEN RUN? ✓ YES NO DATE RUN 10/10/79

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 11/30/79

OWNER

EHD-5-76

Environmental Health Department's Copy

Serial 3840

ICARIS Permit No. 16189

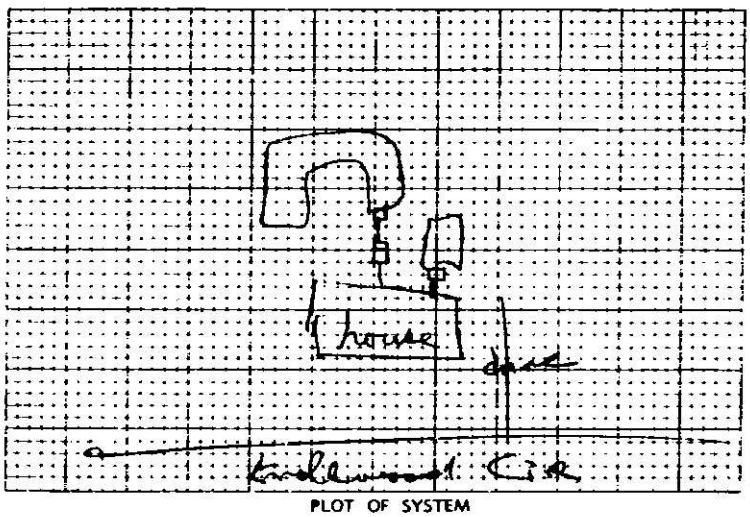
Date Issued 4 25 '89

T C No 149-261-07

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 16189, dated 12 19 88 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 June 29, 1989 after which date this permit shall be null and void.



PLOT OF SYSTEM

Permeability Rate U.S.

Liquid Capacity of Tank 1500 gallon

Tank Construction P.C

Absorption and/or Nitrification Lines

Total Line Length 495' + 123'

Number of Lines 5 + 4

Distance from House 10'

Distance from Property Line 10'

Distance from Well 50'

NAME OF OWNER Cecil Realty Co

LOCATION OF PROPERTY Knollwood Cir. L #19

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. 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.

15' x 99' x 6" of sand x 12" of stone

12 x 32' x 6" of sand x 12" of stone

Division or Section Head

John Fiscalini
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

Serial 3920

Date Issued 5-6-80

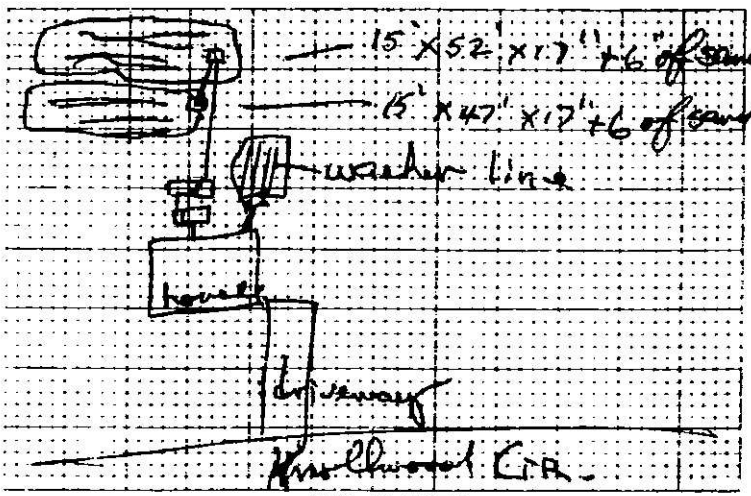
ICAR (S) Permit No. 16189

T C No 049-26-07

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 16189, dated 12-14-79 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 June 29/980 after which date this permit shall be null and void.



PLOT OF SYSTEM

Permeability Rate U.S.

Liquid Capacity of Tank 1500 gallon

Tank Construction P.C.

Absorption and/or Nitrification Lines

Total Line Length 495'+125'

Number of Lines 5+4

Distance from House 10'

Distance from Property Line 10'

Distance from Well 50'+

NAME OF OWNER Civil Realty Co.

LOCATION OF PROPERTY Knollwood Cir. L #19

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. 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.

(permit 3940 void) - ran into trash Role changed to pump station

2 beds: 15'X52'X17" of stone + 6" of sand 15'X47'X17" of stone + 6" of sand

washer line: 12'X32'X17" of stone + 6" of sand

John Fiscalman

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 5-8-80 Serial 3650 C of A (s) No. 16189 T C No. 79-26-07

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 Civil Realty Co. (LAST FIRST MIDDLE)

Location of Property Knollwood Cir.

Application Number 16189 Permit Number 16189

Inspection Data:

Liquid Capacity of Tank 1500 gallon Tank Material P.C

Total Length of Drain Tile 495'+125' Number of Lines 5+4

Depth of Filter Material 17"+6" sand Cover Depth 15"

Water Supply Source well Distance from Water Source 50'+

Excavation Inspected 5-7-80 (DATE) Tank Inspected 5-7-80 (DATE)

Nitrification Field Inspected 5-7-80 (DATE)

Washing Machine Line Inspected, If Applicable 5-8-80 (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

John Fiserman
Environmentalist

EHD-S-76

Environmental Health Department's Copy