Date Received 6/9/77

APT No. 12594

T. C. No. 001 - 221.2 N

Map Date 6/1/77

MECKLENBURG COUNTY
DEPARTMENT OF ENVIRONMENTAL HEALTH

APPLICATION FOR SOIL INVESTIGATION

1) NAME OF OWNER _____ J. P.
LAST FIRST MIDDLE

2) ADDRESS OF OWNER _____ ZIP _____

3) PHONE NO Home _____ Office _____

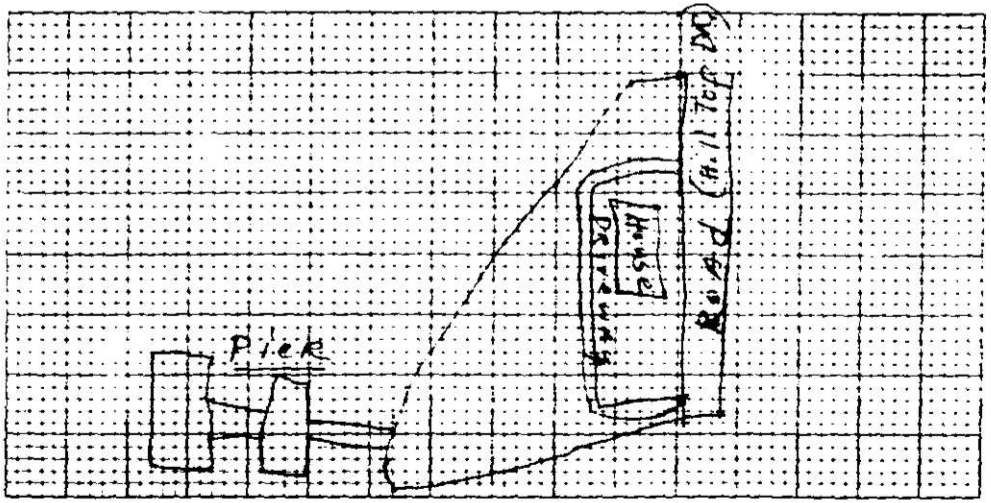
4) LOCATION OF PROPERTY ORIGINAL NAME - [illegible] LAKE NORMAN
NEW NAME - Hill Top Drive Leased Lot
STREET OR COUNTY ROAD

5) SUBDIVISION _____ LOT NO 57 BLOCK NO. 7
RESTRICTIONS FILED? Yes Co.

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

J. P. Schmitt Jr.
OWNER

EHD-5-76

Environmental Health Department's Copy

SOIL INVESTIGATION REPORT

Date of Investigation June 16, 1977 APT No. 12594

Owner J. C. Smith Tax Lot 221-2W

Location of Property Hilltop Drive Lot #57

Soil Suitability Ratings

Soil Properties	Soil 1	Soil 2	Soil 3	Soil 4
1. Soil Series	Cov. I			
2. Soil Slope	suitable 6-10%			
3. Soil Depth	suitable >48"			
4. Soil Texture	Provisionally suitable clay			
5. Soil Structure	Provisionally suitable Blocky			
6. Restrictive Horizons				
7. Soil Drainage	suitable w/ water table 76"			
8. Soil Permeability (Percolation Rate)	Provisionally suitable moderate 60 min/in			
9. Other				
10. Overall Rating	Provisionally suitable			

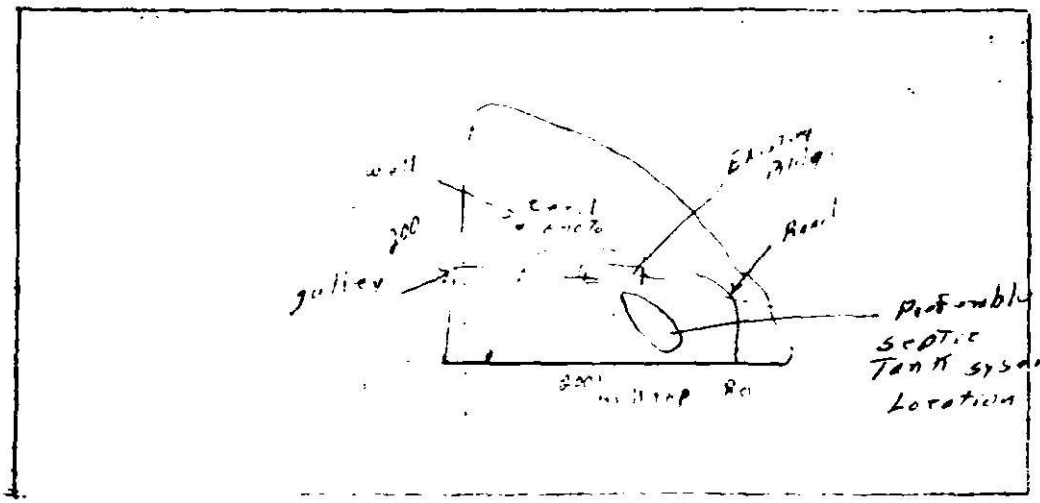
Recommendations Based on this investigation adequate area of provisionally suitable soil for the installation of septic tank system was found on the lot. System design should be based on a percolation rate of 60 min/in.

See diagram on back

William H. Marlow
Soil Scientist

3/18/75
EHS 539

DIAGRAM OF PROPERTY



3/18/75
EHD 539

Serial No. 0947

PTR No. 12594

T C. No. 001-221-2N

Date Issued June 21, 1977

Map Date 6-4-76

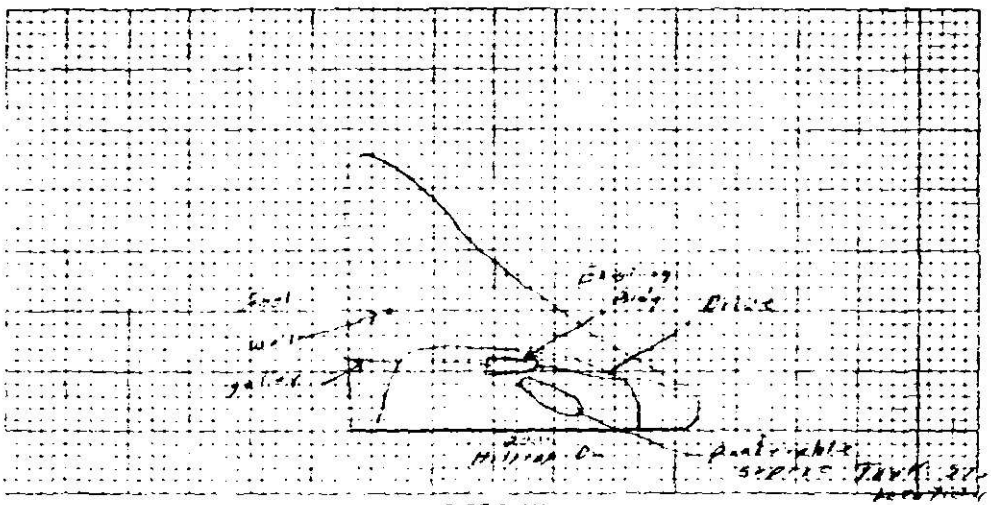
MECKLENBURG COUNTY
DEPARTMENT OF ENVIRONMENTAL HEALTH
SOIL INVESTIGATION REPORT

NAME OF OWNER Smith, Jr. (LAST) J. (FIRST) P. (MIDDLE)

ADDRESS OF OWNER P.O. Box 3110, Charlotte, NC ZIP 28203

LOCATION OF PROPERTY Hill Top Drive (STREET OR COUNTY ROAD)

SUBDIVISION LOT NO 57 BLOCK NO. 2



PLOT PLAN

The investigation of the above property was made by the Mecklenburg County Department of Environmental Health and the findings as indicated on the above plot. The investigation was conducted on the date indicated. **Provisionally Suitable**

The permeability rate determined by the investigation was **60 min/in.** The soil 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 will be issued after submittal of plans of the system to the Mecklenburg County Department of Environmental Health and payment of the wastewater treatment system plan review fee.
2. The type of the system will be determined by the Mecklenburg County Department of Environmental Health in accordance with rules contained above, and the installation must meet all requirements.
3. The approved system must be installed by a contractor acceptable for system installation.
4. The approval is granted only for the specific site evaluated. Any changes performed on the site may render the site unacceptable. Mecklenburg County Department of Environmental Health must be notified prior to any changes. The site indicated as acceptable is not to be altered in any way that would affect the soil 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.

William P. Mackie
Soil Scientist

John R. Atkisson
Environmental Health Director or Authorized Section Head

EHD-5-76

Environmental Health Department's Copy

SEE INSTRUCTIONS ON BACK

Date Received 7-1-77

ICAR(S) Application No 2594

T C No. 001-221-2N

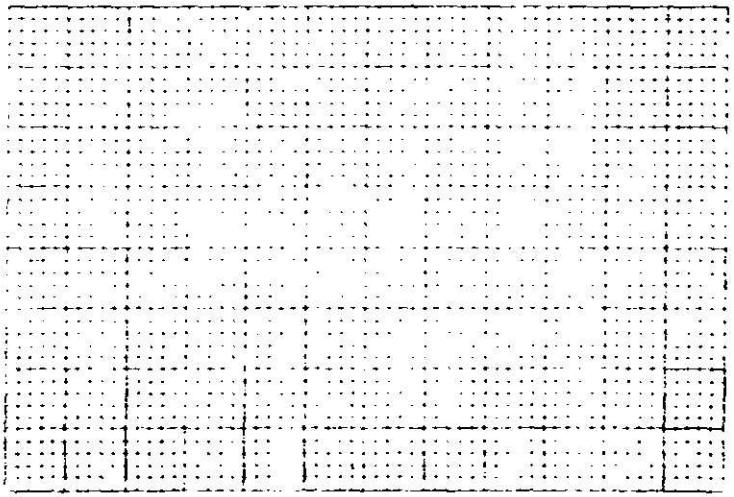
Map Date 6-4-76

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 Room Structure

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 1
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) Sewerage System
Units located within 200 feet of public sewer ____Yes ____No
Units located within 200 feet of community sewer ____Yes ____No
11) FHA Case No. ____
12) VA Case No. ____

13) NAME OF OWNER Lyon (LAST) Braden (FIRST) M. (MIDDLE)

14) ADDRESS OF OWNER 532 Wingrave Dr.

15) PHONE NO Home 366-8957 Office 535-1604

16) LOCATION OF SYSTEM Hill Top Dr. (STREET OR COUNTY ROAD)

17) SUBDIVISION _____ Lot No. 57 Block No. 2

Map Book No _____ Page No. _____

18) DEED REFERENCE — DEED BOOK _____ AT PAGE _____

19) HAS A SOIL INVESTIGATION BEEN RUN? ✓ YES ____ NO DATE RUN 6/21/77

20) PTR NUMBER (See Instructions) 2594

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.

7-1-77
DATE OF APPLICATION

B M Lyon
OWNER

EHD-S-76

Environmental Health Department's Copy

Date Issued 25 July 77 Serial No. 0934

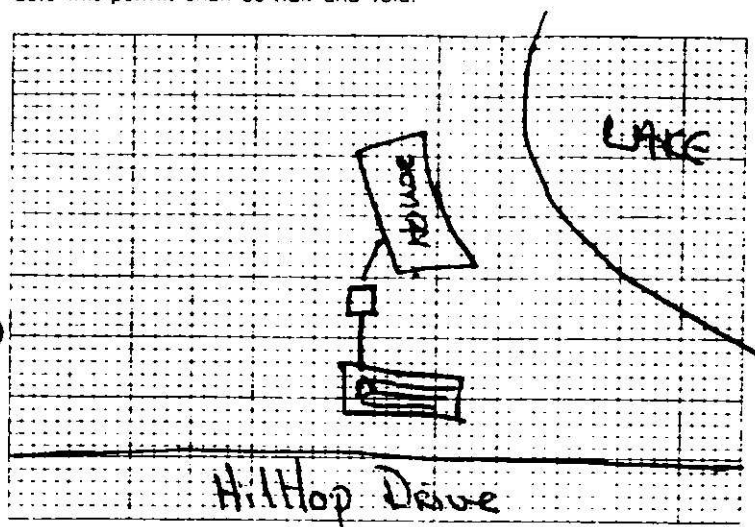
ICAR(S) Permit No. 12594

T C No 001-321-1N

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 12594, 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 25Aug77, after which date this permit shall be null and void.



PLOT OF SYSTEM

Permeability Rate 60

Liquid Capacity of Tank 1000

Tank Construction Precast Concrete

Absorption and or Nitrification Lines

Total Line Length 230ft

Number of Lines 5

Distance from House 10'

Distance from Property Line 10'

Distance from Well 100'

NAME OF OWNER BRAD LYON

LOCATION OF PROPERTY Hilltop Drive

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 gurantee 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

Division or Section Head

A M Reynolds
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 25 July 77 Serial No. 0936 C of A (s) No. 12594

T C No CC1-221-2N

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 Lyon, Brad (LAST, FIRST, MIDDLE)

Location of Property Hilltop Drive

Application Number 12594 Permit Number 12594

Inspection Data:

Liquid Capacity of Tank 1000 gal Tank Material Precast Concrete

Total Length of Drain Tile 230 ft Number of Lines 5

Depth of Filter Material 12" Cover Depth 15"

Water Supply Source well Distance from Water Source 100'

Excavation Inspected 25 July 77 (DATE) Tank Inspected 25 July 77 (DATE)

Nitrification Field Inspected 25 July 77 (DATE)

Washing Machine Line Inspected, If Applicable 25 July 77 (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

J M Reynolds
Environmentalist

EHD-5-76

Environmental Health Department's Copy