Date Received 9-3-82

MECK COUNTY DEPARTMENT OF
RECEIVED
SEP 3 1982
ENVIRONMENTAL HEALTH

APT No. 18979
.64 ac. part of
T. C. No 001-114-67

Map Date _____

# MECKLENBURG COUNTY
# DEPARTMENT OF ENVIRONMENTAL HEALTH

## APPLICATION FOR SOIL INVESTIGATION

1) NAME OF OWNER Helms (LAST) Leland (FIRST) c/o Wellworth Realty Co. (MIDDLE)

2) ADDRESS OF OWNER Rte 1 Box 390, Davidson, N.C. ZIP 28036

3) PHONE NO. Home _____ Office _____

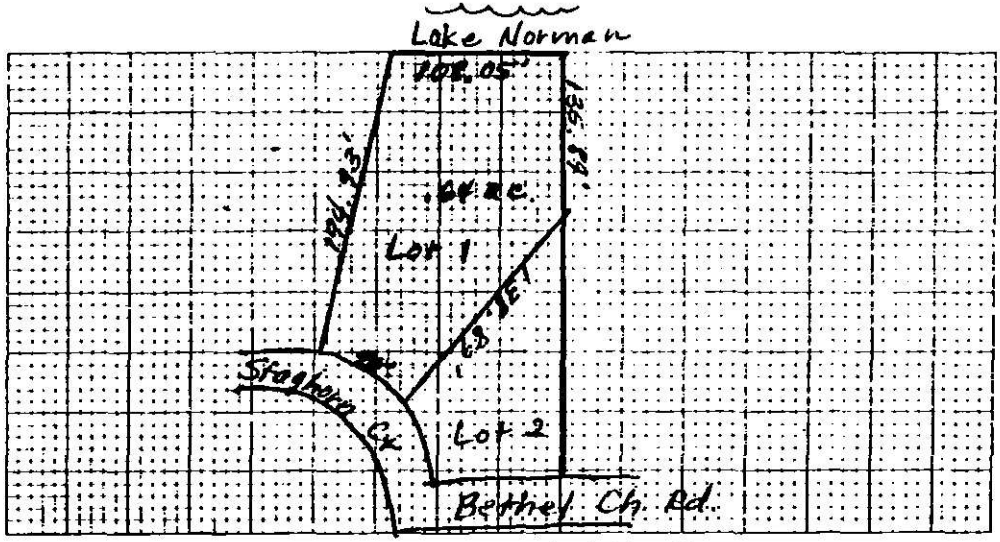
4) LOCATION OF PROPERTY Staghorn Ct. (off end of Bethel Ch. Rd.) (STREET OR COUNTY ROAD) Lake Norman

5) SUBDIVISION Next to Heathridge LOT NO 1 (on N.E. side of road) BLOCK NO. —

MAP BOOK NO _____ PAGE NO _____

6) DEED REFERENCE DEED BOOK 4132 PAGE NO 846

Application is hereby made to the Mecklenburg County Department of Environmental Health for the conduct of a soil investigation and on 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

Leland Helms
OWNER

EHD-5-76

Environmental Health Department's Copy

Serial No. 4708

PTR No. 18979

Date Issued 9-17-82

T. C. No. PO 001-114-67

Map Date

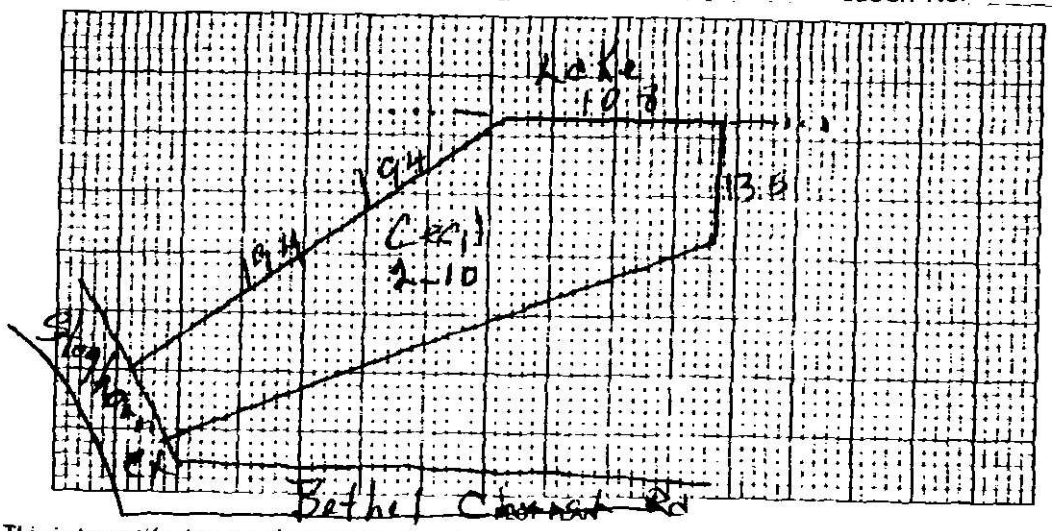
# MECKLENBURG COUNTY
# DEPARTMENT OF ENVIRONMENTAL HEALTH
## SOIL INVESTIGATION REPORT

NAME OF OWNER Helms, Leland
(LAST, FIRST, MIDDLE)

ADDRESS OF OWNER % Wellworth Realty Co. Rt. 1, Box 390, Davidson, NC ZIP 28036

LOCATION OF PROPERTY Staghorn Court
(STREET OR COUNTY ROAD)

SUBDIVISION LOT NO. BLOCK NO.




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 plot. The permeability rate determined by the investigation was **Provisionally Suitable**. 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 for installation or construction, alteration or repair of the septic tank system shall be obtained from the Mecklenburg County Department of Environmental Health prior to the commencement of construction, alteration or repair of any building or part of the wastewater treatment system on the subject lot.
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 installation and is based on the permeability rate obtained above, and on the size and type of building constructed thereon.
3. This approval is valid only if the system is installed in the approved site area indicated as acceptable for system installation on the above plot.
4. This approval is void if any grading, filling or construction, including the grading of a well 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, operation 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. B. Kinney
Soil Scientist

Mike Sexton
Environmental Health Director or Authorized Section Head

EHD-5-76

Environmental Health Department's Copy

DEPARTMENT OF ENVIRONMENTAL HEALTH
MECKLENBURG COUNTY, NORTH CAROLINA

SITE EVALUATION

S.I.R. NO. 18979

T.C. NO. PO 001-114-67

(Ground Absorption Sewage Disposal)

OWNER: Leland Helms % Wellworth Realty
ADDRESS: R-1 Box 390 Davidson N.C. 28036
LOT SIZE: .64A
LOCATION OF SITE: Stag horn Ct

| FACTORS | AREA 1 | AREA 2 | AREA 3 | AREA 4 |
|---|---|---|---|---|
| 1. SLOPE (%) | S (PS) U 2-10 | 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 Clayey | S PS U | S PS U | S PS U |
| 3. SOIL STRUCTURE (12-36 inches) | S (PS) U Blocky | S PS U | S PS U | S PS U |
| 4. SOIL DEPTH (inches) | S (PS) U 18 | S PS U | S PS U | S PS U |
| 5. RESTRICTIVE HORIZONS (Inches) (Impervious strata, Rock) | S (PS) U None | S PS U | S PS U | S PS U |
| 6. SOIL DRAINAGE/GROUNDWATER (external and internal) | S (PS) U Adequate | S PS U | S PS U | S PS U |
| 7. OTHER (Specify) | S PS U | S PS U | S PS U | S PS U |

8. SOIL GROUP IIa

9. SITE CLASSIFICATION P. Suitable

10. SOIL SERIES Cecil

S - Suitable PS - Provisionally Suitable U - Unsuitable

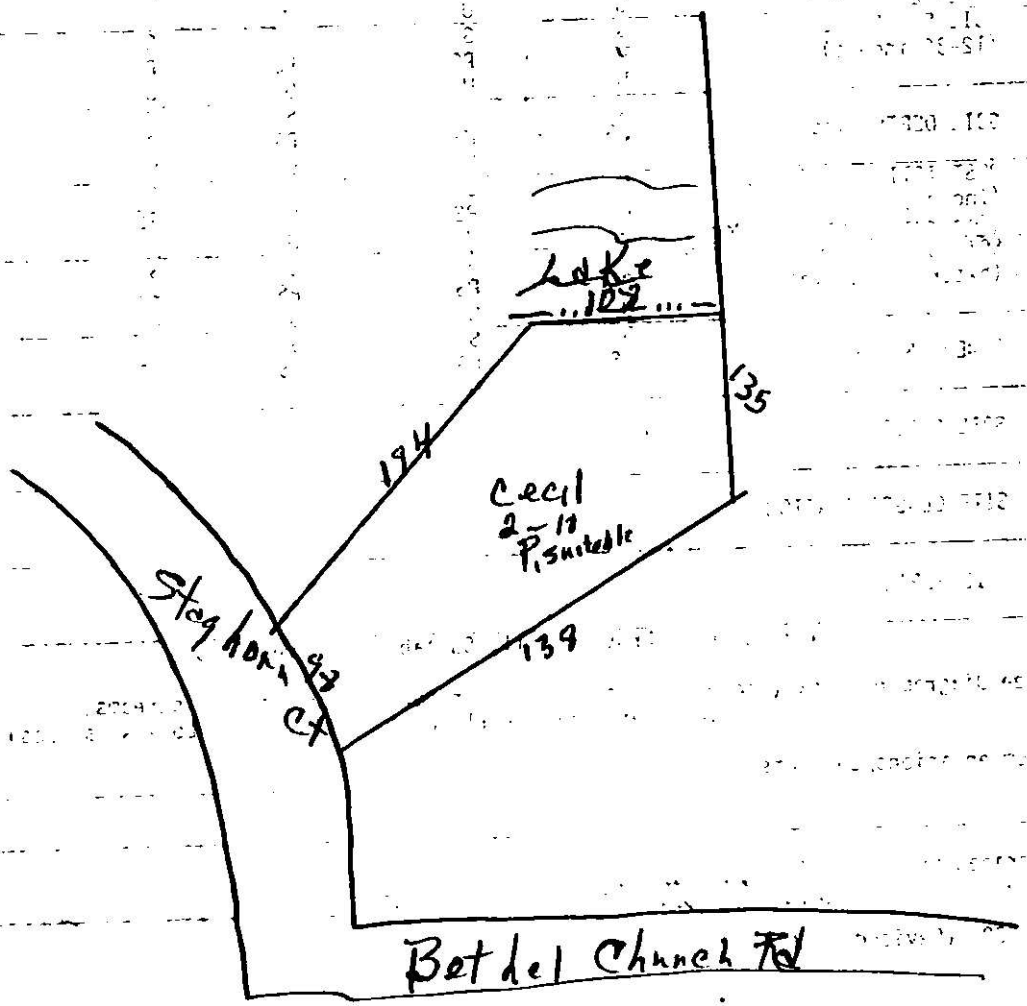
**See Diagram on Back (includes: soil areas, property lines, roads, streams, gullies, wet areas, fill areas, wells, water bodies, slopes)

Recommendations/Comments:

Described by: W. B. Ramsey
Title: Soil Scientist

Date: 9-14-82

EHD 539 (Revised: 6/82)


Lake
102
135
194
Cecil
2-11
P. suitable
139
Stephens
Ct
Bethel Church Rd

BT-4-26-83 /

Serial No. 6363

SIR No. 18979

Date Issued 4-21-83

T. C. No. PO 001-114-67

Map Date

# MECKLENBURG COUNTY
# DEPARTMENT OF ENVIRONMENTAL HEALTH
## IMPROVEMENT PERMIT

**TO THE BUILDING INSPECTION DEPARTMENT**

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

NAME OF OWNER Klitzsch, (LAST) Joe (FIRST) Hans (MIDDLE)

ADDRESS OF OWNER P. O. Box 240008, Charlotte, NC ZIP 28224

LOCATION OF LOT 21440 Staghorn Court (STREET OR COUNTY ROAD)

SUBDIVISION _____ LOT NO._____ 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 18979. 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.

R P Lee
Environmentalist

Mike Sexton
Environmental Health Director, or Authorized Section Head

EHD-5-76

Environmental Health Department's Copy

SEE INSTRUCTIONS ON BACK

Date Received 4-21-83

ICAR(S) Application No. 18979

T. Rec. 001-114-67

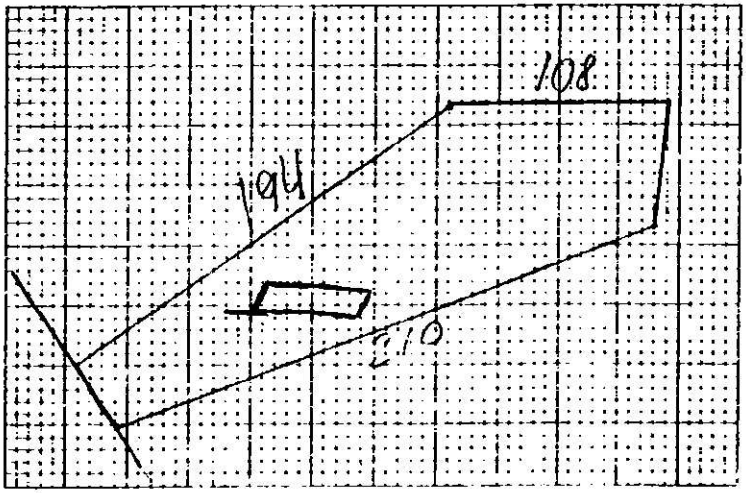
Map Date

# 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 ___

13) NAME OF OWNER Klitzsch (LAST) Joe (FIRST) Hans (MIDDLE)

14) ADDRESS OF OWNER P.O. Box 2466 S Charlotte, N.C 28224

15) PHONE NO. Home 704-542-8297 Office 704-525-0141

16) LOCATION OF SYSTEM Stephens Ln. #21440 (STREET OR COUNTY ROAD) Davidson 28036

17) SUBDIVISION ___ Lot No. ___ Block No. Bethel Church Rd.

Map Book No. ___ Page No. ___

18) DEED REFERENCE — DEED BOOK 4132 AT PAGE 546

19) HAS A SOIL INVESTIGATION BEEN RUN? ✓ YES ___ NO DATE RUN 9-17-82

20) PTR NUMBER (See Instructions) 15477

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.

4-26-83
DATE OF APPLICATION

OWNER C. Klitzsch

My Septic tank is 1½ feet in ft.

EHD-5-76

ENVIRONMENTAL HEALTH DEPARTMENT'S COPY

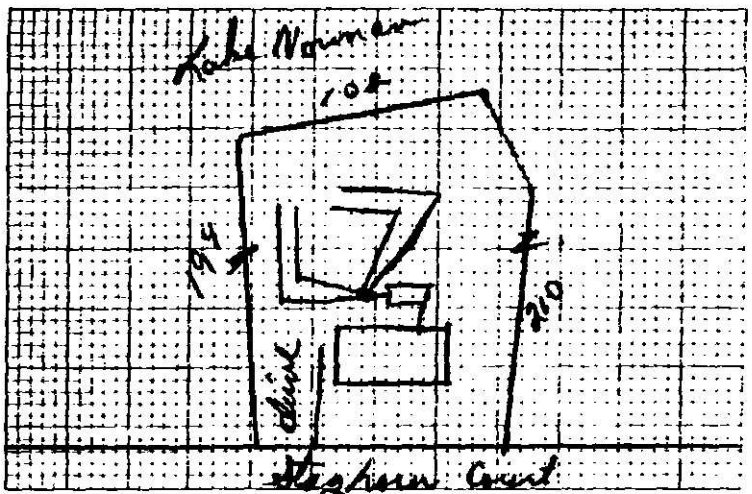
Date Issued 11 July 1983 Serial No. 6243 ICAR(S) Permit No. 18979

T. C. No. 001-114-69

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 18979, dated 20 April 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 20 Aug 1983 after which date this permit shall be null and void.



PLOT OF SYSTEM

Permeability Rate percuit

Liquid Capacity of Tank 1500 gal

Tank Construction precast

Absorption and or Nitrification Lines

Total Line Length 400 l/ft

Number of Lines 4

Distance from House 20'

Distance from Property Line 10'

Distance from Well 50'+

NAME OF OWNER Klitzsch, Joe Hans

LOCATION OF PROPERTY 20402 Stephens Court

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.

Comments: 4 lines 100' each - maintain 50' from high water line on Lake Norman

John R Atkinson

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

Eff. 7-14-83

C of A (s) No. 18929

Date Issued 14 July 1983 Serial 5784

T. C. No. 001-114-69

# MECKLENBURG COUNTY
# DEPARTMENT OF ENVIRONMENTAL HEALTH

## CERTIFICATE OF APPROVAL

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

Name of Owner Klitzsch (LAST), Joe (FIRST), Hans (MIDDLE)

Location of Property 20402 Stagborn Court

Application Number _____ Permit Number 18929

**Inspection Data:**

Liquid Capacity of Tank 1500 gal Tank Material pre cast

Total Length of Drain Tile 400 l/ft Number of Lines 4

Depth of Filter Material 12" Cover Depth 18"

Water Supply Source well Distance from Water Source 50'+

Excavation Inspected ✓ (DATE) Tank Inspected 14 July 1983 (DATE)

Nitrification Field Inspected 14 July 1983 (DATE)

Washing Machine Line Inspected, If Applicable NA (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 installed as permitted

John R Adkisson
Environmentalist

EHD-5-74

ENVIRONMENTAL HEALTH DEPARTMENT COPY