Date Received 9-7-83

MECK COUNTY DEPARTMENT OF
RECEIVED
SEP 7 1983
ENVIRONMENTAL HEALTH

SIR No. 2016

T. C. No. 001-294-15

Map Date

# MECKLENBURG COUNTY
# DEPARTMENT OF ENVIRONMENTAL HEALTH

## APPLICATION FOR SOIL INVESTIGATION

1) NAME OF OWNER LANE (LAST) KENNETH (FIRST) G (MIDDLE)

2) ADDRESS OF OWNER 1958 Garibaldi Ave, Charlotte, NC ZIP 28208

3) PHONE NO. Home 3996463 Office N+N Realty 5522393

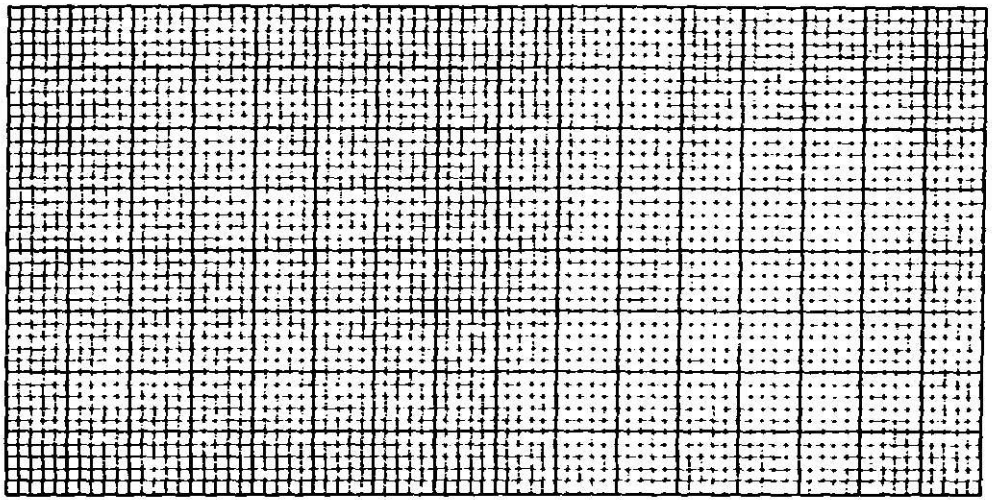
4) LOCATION OF PROPERTY Verano Place, Lake Norman (STREET OR COUNTY ROAD)

5) SUBDIVISION Bahia Bay LOT NO. 98 BLOCK NO.

MAP BOOK NO. 001 PAGE NO. 294

6) DEED REFERENCE: DEED BOOK 3314 PAGE NO. 155

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

K. G. Lane
OWNER

EHD-5-76

ENVIRONMENTAL HEALTH DEPARTMENT'S COPY

MECKLENBURG COUNTY
DEPARTMENT OF ENVIRONMENTAL HEALTH
1200 BLYTHE BOULEVARD
CHARLOTTE, NORTH CAROLINA 28208

SIR. NO. 20016
T.C. NO. 001-294-15
DATE: 9-14-83

Mr. Kenneth G. Lane
1958 Garibaldi Avenue
Charlotte, NC 28208

Re: Property located at Verano Place, Lot 98

Dear Mr. Lane:

At your request, a field investigation was conducted on the property designated above. The soils on the property were found to contain a limited area of provisionally suitable soil for the installation of a ground absorption sewage disposal system. A copy of the site evaluation report is enclosed for your information.

Should you desire to file for permission to install a ground absorption sewage disposal system, please submit plot plans for the proposed construction, well, and ground absorption sewage disposal system to this office. They will be reviewed and if it is found that there is an adequate area of provisionally suitable soil to accommodate the proposed installation, an Improvements Permit will be issued by this office.

If I may be of assistance, please feel free to call.

Sincerely,

Bill D. Hardister, Jr.
Environmental Health Supervisor

BDH/kbg

Enclosure

DEPARTMENT OF ENVIRONMENTAL HEALTH
MECKLENBURG COUNTY, NORTH CAROLINA

SITE EVALUATION

S.I.R. NO. 20016

T.C. NO. 001-294-15

(Ground Absorption Sewage Disposal)

OWNER: Kenneth Lane
ADDRESS: 1958 Giribaldi Ave 28208
PLAT NO:
LOT SIZE: 10,848 9696

LOCATION OF SITE: VERANO PL

| 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 — 40-45 | S PS U | S PS U | S PS U |
| 5. RESTRICTIVE HORIZONS (Inches) (Impervious strata, Rock) | (S) U — None | S PS U | S PS U | S PS U |
| 6. SOIL DRAINAGE/GROUNDWATER (external and internal) | (PS) U — Adequate | S PS U | S PS U | S PS U |
| 7. OTHER (Specify) | S (PS) U — Restrictive Area | S PS U | S PS U | S PS U |
| 8. SOIL GROUP | IIa | | | |
| 9. SITE CLASSIFICATION | Unsuitable | | | |
| 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)

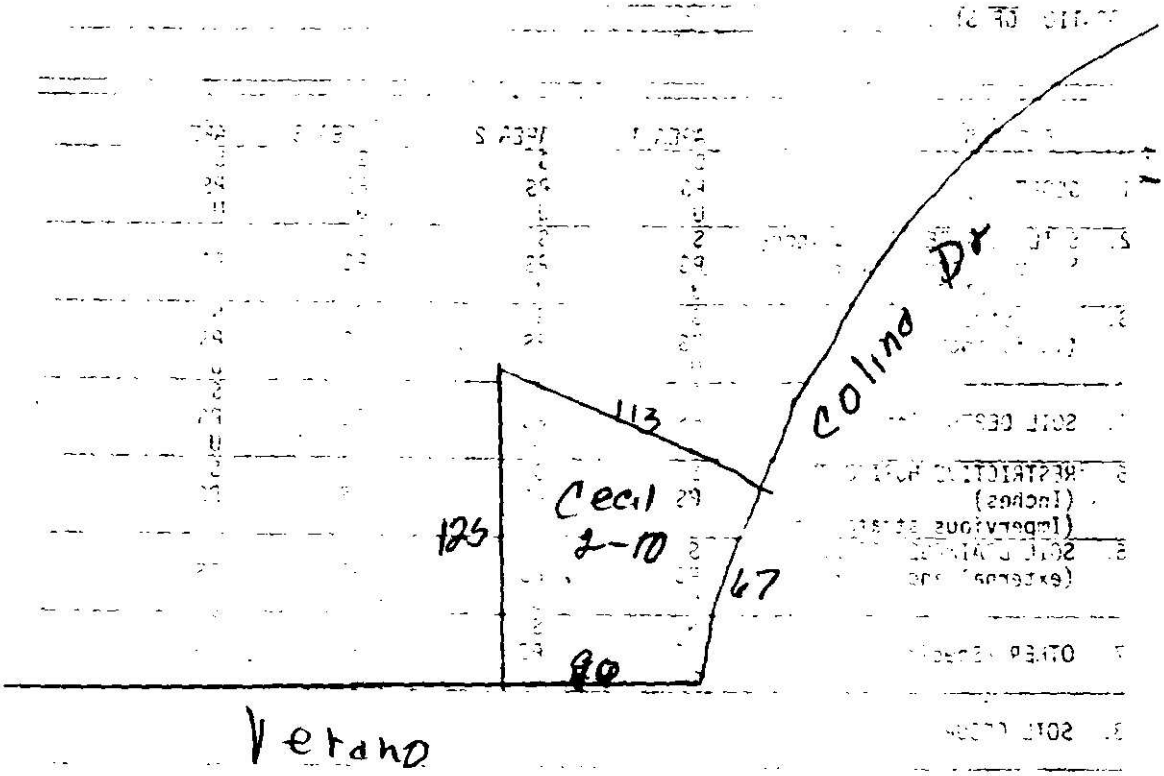
Recommendations/Comments:

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

Date: 9-13-83

EHD 539 (Revised: 6/82)

1H


Colina Dr
113
125
Cecil
2-10
67
80
Wetland

Date Received 1-17-84

RECEIVED
JAN 17 1984
ENVIRONMENTAL HEALTH

SIR No. 80016

T. C. No. 001-294-[redacted] 14+15

Map Date _____

# MECKLENBURG COUNTY
# DEPARTMENT OF ENVIRONMENTAL HEALTH

## APPLICATION FOR SOIL INVESTIGATION

1) NAME OF OWNER LANE (LAST) KENNETH (FIRST) G. (MIDDLE)

2) ADDRESS OF OWNER 1958 Garibaldi Ave, Charlotte, NC ZIP 28209

3) PHONE NO. Home 3996463 Office N+H Realty - 5522393

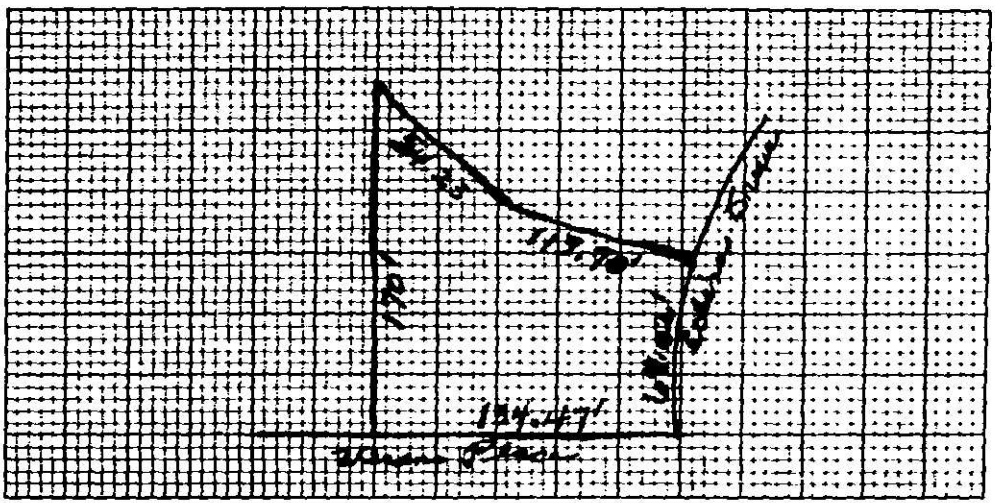
4) LOCATION OF PROPERTY Verano Place, Lake Norman (STREET OR COUNTY ROAD)

5) SUBDIVISION Bahia Bay LOT NO. [redacted] 99+98 BLOCK NO. _____

MAP BOOK NO. 001 PAGE NO. 294

6) DEED REFERENCE: DEED BOOK 3314 PAGE NO. 155

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

Kenneth G. Lane
OWNER

EHD-5-76

ENVIRONMENTAL HEALTH DEPARTMENT'S COPY

[redacted]
[redacted]
[redacted]

SSR. NO. 20016
T.C. NO. 001-294-15,14
DATE: 1-19-84

Kenneth G. Lane
1958 Garibaldi Avenue
Charlotte, NC 28208

Re: Property located at Verano Place, Lots 99 & 98

Dear Mr. Lane:

At your request, a field investigation was conducted on the property designated above. The soils on the property were found to contain a limited area of provisionally suitable soil for the installation of a ground absorption sewage disposal system. A copy of the site evaluation report is enclosed for your information.

Should you desire to file for permission to install a ground absorption sewage disposal system, please submit plot plans for the proposed construction, well, and ground absorption sewage disposal system to this office. They will be reviewed and if it is found that there is an adequate area of provisionally suitable soil to accommodate the proposed installation, an Improvements Permit will be issued by this office.

If I may be of assistance, please feel free to call.

Sincerely,

Bill D. Hardister Jr.

Bill D. Hardister, Jr.
Environmental Health Supervisor

BDH/bbg

Enclosure

DEPARTMENT OF
ENVIRONMENTAL HEALTH
MECKLENBURG COUNTY,
NORTH CAROLINA

SITE EVALUATION

S.I.R. NO. 20016

T.C. NO. 001-294-15 L
PO 008-244-W

(Ground Absorption Sewage Disposal)

OWNER: Kenneth G. Lane
ADDRESS: 1958 Garibaldi Ave.
Charlotte, N.C. 28208
LOCATION OF SITE: Vernon Place

PLAT NO: LOT 98 PO LOT 94
LOT SIZE: Approx 17,700

| FACTORS | AREA 1 | AREA 2 | AREA 3 | AREA 4 |
|---|---|---|---|---|
| 1. SLOPE (%) | S<br>PS 2-10%<br>U | S<br>PS<br>U | S<br>PS<br>U | S<br>PS<br>U |
| 2. SOIL TEXTURE (12-36 inches) Sandy, Loamy, Clayey (Note 2-1 Clay) | S<br>PS clay<br>U | S<br>PS<br>U | S<br>PS<br>U | S<br>PS<br>U |
| 3. SOIL STRUCTURE (12-36 inches) | S<br>PS Blocky<br>U | S<br>PS<br>U | S<br>PS<br>U | S<br>PS<br>U |
| 4. SOIL DEPTH (inches) | S<br>PS 40-45"<br>U | S<br>PS<br>U | S<br>PS<br>U | S<br>PS<br>U |
| 5. RESTRICTIVE HORIZONS (Inches) (Impervious strata, Rock) | S<br>PS >36"<br>U | S<br>PS<br>U | S<br>PS<br>U | S<br>PS<br>U |
| 6. SOIL DRAINAGE/GROUNDWATER (external and internal) | S<br>PS >36"<br>U | S<br>PS<br>U | S<br>PS<br>U | S<br>PS<br>U |
| 7. OTHER (Specify) | S<br>PS Limited Area<br>U | S<br>PS<br>U | S<br>PS<br>U | S<br>PS<br>U |
| 8. SOIL GROUP | IVA | | | |
| 9. SITE CLASSIFICATION | Provisionally suitable | | | |
| 10. SOIL SERIES | Cecil | | | |

S - Suitable PS - Provisionally Suitable U - Unsuitable

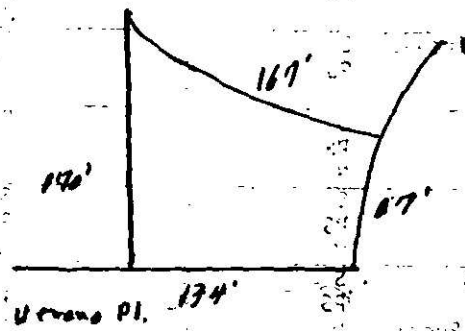
**See Diagram on Back (includes: soil areas, property lines, roads, streams, gullies, wet areas, fill areas, wells, water bodies, slopes)

Recommendations/Comments: Recommend plans be submitted for house & system locations

Described by: William A. Martin
Title: Soil Scientist

Date: 1-10-84

EHD 539 (Revised: 6/82)



Colina
167'
170'
87'
Verano Pl.
134'

Date Received 10-23-84

RECEIVED
OCT 23 1984
ENVIRONMENTAL HEALTH

ICAR (S) Application No. 8006

T. C. No. 001-294-15

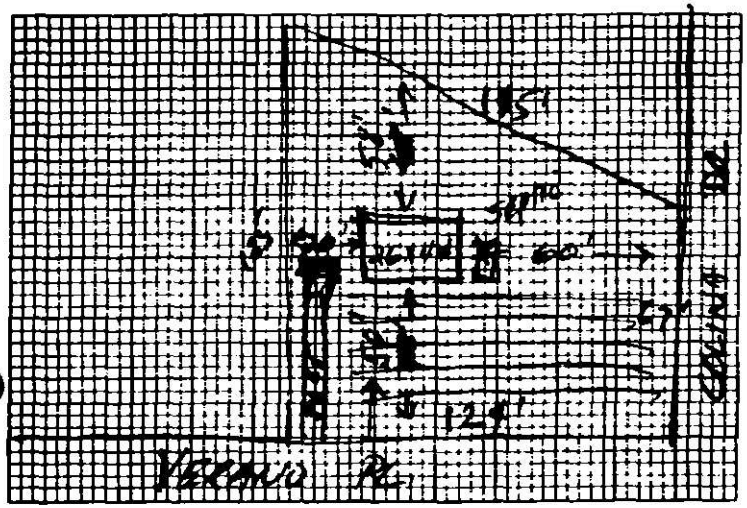
Map Date L

# 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.




3) PLOT PLAN (ACCURATELY DIMENSIONED)

Mobile Home ____ Yes X No
Residence X Yes ____ No

4) No. of Bedrooms 3
5) Business Use — Max No Employees ____
6) Washing Machine X Yes ____ No
7) Garbage Disposal ____ Yes X No
8) Dishwasher X Yes ____ No
9) Water Supply:
A) Individual Well ____
B) Governmental System ____
C) Community System:
1. Well source X
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 BROLIN (LAST) ROBERT (FIRST) JAY (MIDDLE)

14) ADDRESS OF OWNER RT 7 Box 214C MOORESVILLE NC 28115

15) PHONE NO. Home 704 664 2766 Office SAME

16) LOCATION OF SYSTEM 21431 VERANO PL. (STREET OR COUNTY ROAD)

17) SUBDIVISION BAHIA BAY Lot No. 98 & ½ of 99 Block No. ____

Map Book No. ____ Page No. ____

18) DEED REFERENCE — DEED BOOK ____ AT PAGE ____

19) HAS A SOIL INVESTIGATION BEEN RUN? X YES ____ NO DATE RUN 1-19-84

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

Robert J. Brolin
OWNER

BHB-S-76

Environmental Health Department's Copy

20016

SIR No. 28776

Date Issued 11-21-84

Serial No. 8010

T. C. No. 001-294-15

Map Date L CPT

IMPROVEMENT PERMIT

# 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 Brolin, (LAST) Robert (FIRST) Jay (MIDDLE)

ADDRESS OF OWNER Rt. 7, Box 214-C, Mooresville, NC ZIP 28115

LOCATION OF LOT 21431 Verano Place (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 20016. 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.

B. K. Ferguson
Environmentalist

Eric D. Henderson Jr.
Environmental Health Director, or Authorized Section Head

BYD-5-76

Environmental Health Department's Copy

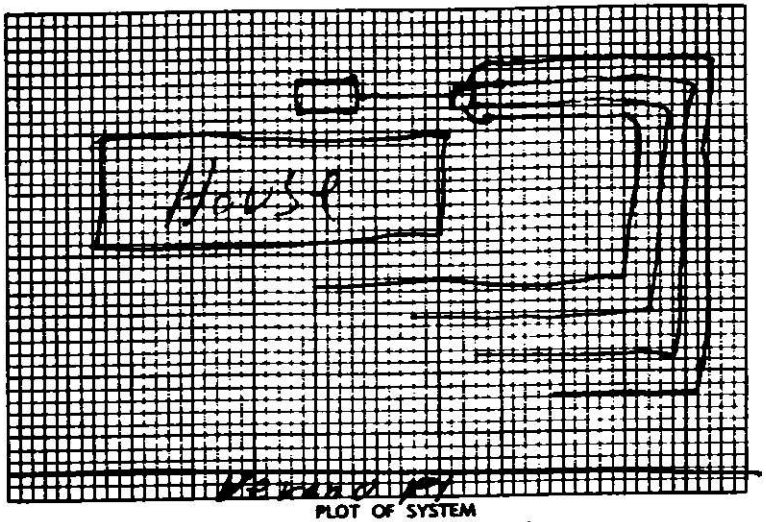
Date Issued 6-7-85 Serial No. 08200 ICAR(S) Permit No. 20016

T. C. No 001-294-15

Map Date L

# 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 20016, dated 10-23-85 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 7-7-85, after which date this permit shall be null and void.




PLOT OF SYSTEM

Permeability Rate IV a

Liquid Capacity of Tank 1500 gal

Tank Construction PVC

Absorption and/or Nitrification Lines:

Total Line Length 400'

Number of Lines Four

Distance from House 5

Distance from Property Line 10'

Distance from Well Comm.

NAME OF OWNER Robert Brolin

LOCATION OF PROPERTY 21431 Verona Pl

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 con 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.

Four Trenches 100'X3'X12" Stone

Comments:

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

C of A (s) No. 20016

Date Issued 6-19-85 **Serial** 7630 T. C. No. 001-294-15

↳ CRT

# 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 Brolin (LAST) Robert (FIRST) (MIDDLE)

Location of Property 21431 Verano Place

Application Number 20016 Permit Number 20016

**Inspection Data:**

Liquid Capacity of Tank 1500 Tank Material

Total Length of Drain Tile 400 Number of Lines

Depth of Filter Material 12" Cover Depth 18"

Water Supply Source comm well Distance from Water Source 7100'

Excavation Inspected 6-19-85 (DATE) Tank Inspected 6-19-85 (DATE)

Nitrification Field Inspected 6-19-85 (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 ✓ 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 1500 ST, Con, 1200 SFT, 12G, Cecil

[signature]
Environmentalist

BHD-5-76

Environmental Health Department's Copy