Date Received 10/28/79

APT No. 16349

T C No. 193.335-01

Map Date _____

MECKLENBURG COUNTY
DEPARTMENT OF ENVIRONMENTAL HEALTH

APPLICATION FOR SOIL INVESTIGATION

1) NAME OF OWNER Lane & Associates, Inc.
(LAST / FIRST / MIDDLE)

2) ADDRESS OF OWNER 5439 Five Knolls Drive Matthews N.C. ZIP 28105

3) PHONE NO Home 542 3206 Office _____

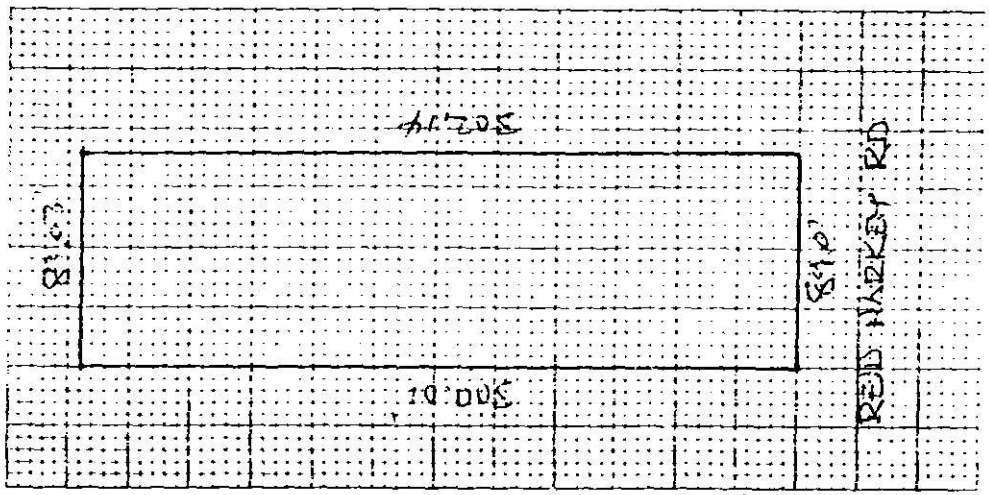
4) LOCATION OF PROPERTY 14000 Reid Harkey Road
(STREET OR COUNTY ROAD)

5) SUBDIVISION Dove Hollow LOT NO 4 BLOCK NO. _____

MAP BOOK NO 19 PAGE NO 163

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 on 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

David K. Lane
OWNER

EHD-5-76

Environmental Health Department's Copy

S. I. R. NO. 16 344

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

APPENDIX II
SITE EVALUATION

T. C. # Po 193-335-01

(Ground Absorption Sewage Disposal)

OWNER: Jane & Associates, Inc. DATE REQUESTED:
ADDRESS: 5439 Fairview Rd PLAT NO.: Lot #4
COUNTY: Mecklenburg, N.C. LOT SIZE: 26,788
LOCATION OF SITE: Reid Hawley Rd

FACTORS	AREA 1	AREA 2	AREA 3	AREA 4
1. SLOPE (%)	(S) PS U 2-10%	(S) PS U 2-6%	S PS U	S PS U +
2. SOIL TEXTURE (12-36 in.) (Sandy, loamy, clayey. Note 2:1 Clay)	S (PS) U Clay	S PS (U) 2:1 Clay	S PS U	S PS U
3. SOIL STRUCTURE (12-36 in.) (Clayey Soils)	S (PS) U Blocky	S (PS) U Blocky	S PS U	S PS U
4. SOIL DEPTH (In.)	(S) PS U 48"	(S) PS U 48"	S PS U	S PS U
5. RESTRICTIVE HORIZONS (In.) (Impervious Strata Rock)	(S) PS U None	(S) PS U None	S PS U	S PS U
6. SOIL DRAINAGE/GROUNDWATER (External & internal)	(S) PS U 36" to ground water	S PS (U) Seasonal perched Water Table	S PS U	S PS U
7. SOIL PERMEABILITY (Percolation Rate)	S (PS) U Moderate	S PS (U) Slow	S PS U	S PS U
8. OTHER (Specify)	S PS U See Note	S PS U	S PS U	S PS U
9. SITE CLASSIFICATION	Provisionally Suitable	unsuitable		
SOIL SERIES	Cecil	Helena		

S - Suitable PS - Provisionally Suitable U - Unsuitable

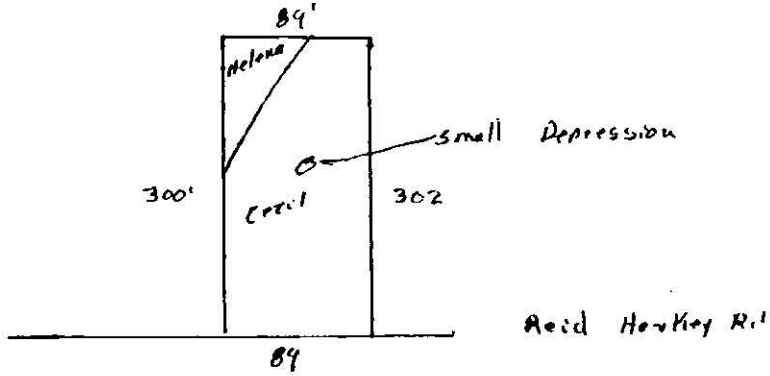
* See Diagram on Back (Include: Soil areas, property lines, roads, streams gullies wet areas, fill areas, wells, water bodies, slope patterns, etc.

Recommendations/Comments: Small Depressional Area on lot just above old terrace

Described By: William A Marlin

Title: Soil Scientist Date: 12-7-79

DHS Form 2601
Sanitation
EHD 539 (3/79)


89'
Helena
small Depression
300'
Cecil
302
Reid Hawkey Rd
89

Serial No. 3237

PTR No 16349

T C No po 193-335-01

Date Issued Dec. 10, 1979

Map Date

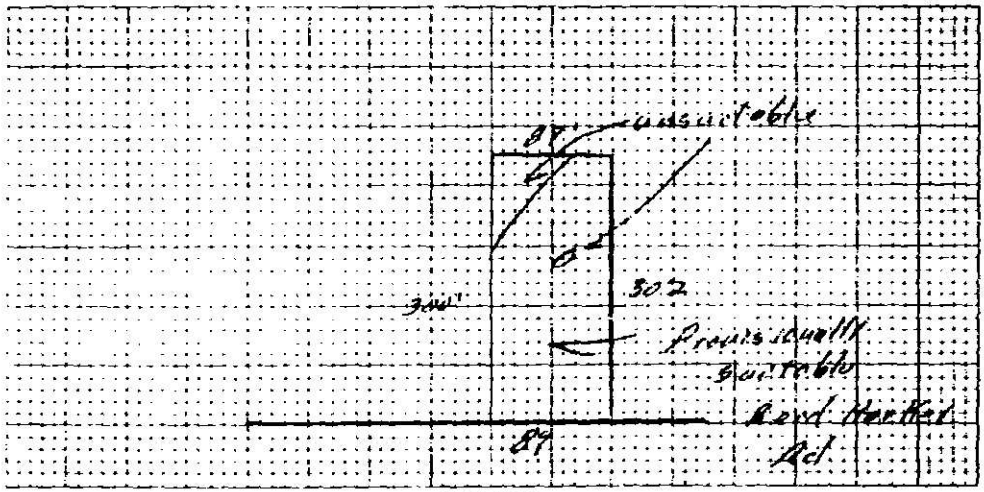
MECKLENBURG COUNTY
DEPARTMENT OF ENVIRONMENTAL HEALTH
SOIL INVESTIGATION REPORT

NAME OF OWNER (LAST) Lane and Associates, Inc. (FIRST) (MIDDLE)

ADDRESS OF OWNER 5439 Five Knolls Drive, Matthews ZIP 28105

LOCATION OF PROPERTY 1400 Reid Harkey Road (STREET OR COUNTY ROAD)

SUBDIVISION Dove Hollow LOT NO #4 BLOCK NO



PLOT PLAN

[illegible] 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 [illegible] Provisionally Suitable [illegible] The said lot is approved [illegible] wastewater treatment system with subsurface, soil ab- [illegible]

[illegible] the Mecklenburg County Depart- [illegible] wastewater treatment [illegible]

[illegible] by the Mecklenburg [illegible] above and [illegible]

[illegible] for system installation [illegible]

[illegible] performed on the lot which [illegible] Mecklenburg County Department of Environmental Health [illegible] and rated as acceptable [illegible] 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 R. Martin
Soil Scientist

John R. Adkisson
Environmental Health Director or Authorized Section Head

EHD-5-76

Environmental Health Department's Copy

SEE INSTRUCTIONS ON BACK

Date Received 12/26/79

ICAR(S) Application No 16349

T C No 20 193-335.01

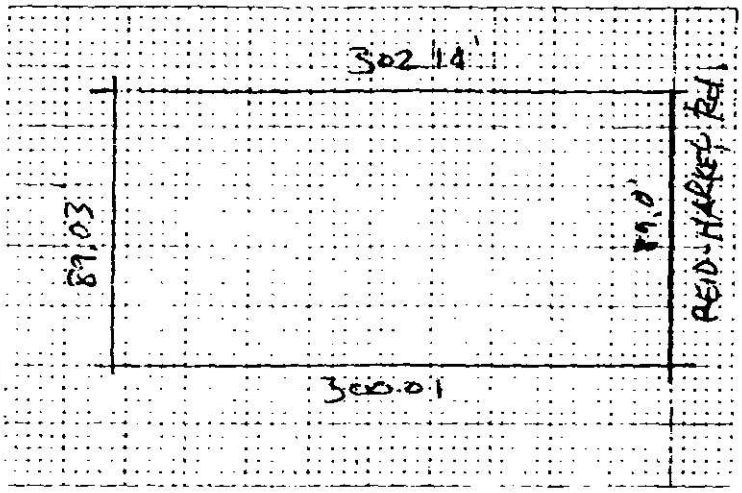
Map Date

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 on 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 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
Sewage System
Property located within 200 feet of public sewer ___Yes ✓ No
Property located within 200 feet of community sewer ___Yes ✓ No
11 FHA Case No
12 VA Case No

13) NAME OF OWNER LANE & ASSOC, INC. (LAST / FIRST / MIDDLE)

14) ADDRESS OF OWNER 5439 FIVE KNOLLS DR. MATTHEWS N.C 28105

15) PHONE NO Home 542 3206 Office

16) LOCATION OF SYSTEM 1400 REID HARKEY RD. (STREET OR COUNTY ROAD)

17) SUBDIVISION DOVE HOLLOW Lot No 4 Block No.

Map Book No 19 Page No. 163

18) DEED REFERENCE — DEED BOOK AT PAGE

19) HAS A SOIL INVESTIGATION BEEN RUN? 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.

11-27-79
DATE OF APPLICATION

David W Lane
OWNER

EHD-5-76

ENVIRONMENTAL HEALTH DEPARTMENT'S COPY

Serial No. 3809

LA No 16349

Date Issued Dec. 26, 1979

T C No po 193-335-01

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 Lane and Associates, Inc.
(LAST / FIRST / MIDDLE)

ADDRESS OF OWNER 5439 Five Knolls Dr., Matthews NC 28105

LOCATION OF LOT 1400 Reid Harkey Road
(STREET OR COUNTY ROAD)

SUBDIVISION Dove Hollow LOT NO #4 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 16349 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

Steve Wood
Environmentalist

John R Atkisson
Environmental Health Director, or Authorized Section Head

EHD-5-76

Environmental Health Department's Copy

SEE INSTRUCTIONS ON BACK

Date Received 10-12-82

MECK COUNTY DEPARTMENT OF ENVIRONMENTAL HEALTH RECEIVED

ICAR(S) Application No. 16349

T C/No 193-335-01

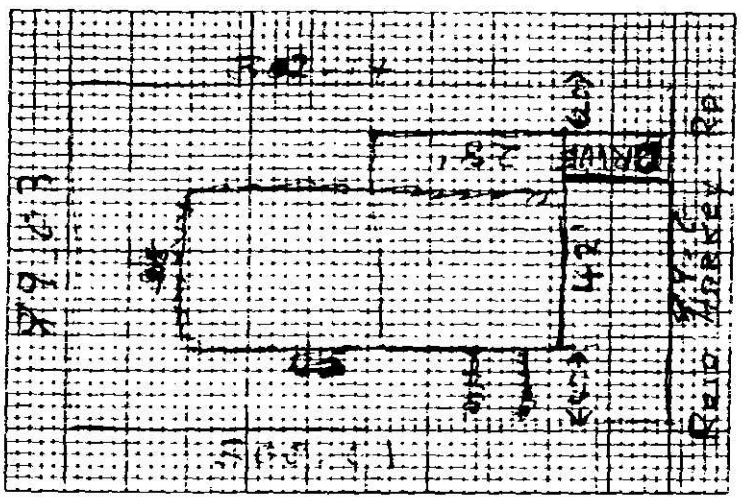
Map Date _____

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 2
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 Gladden (LAST) William (FIRST) L. (MIDDLE)

14) ADDRESS OF OWNER 6725 Huntley Rd. Charlotte N.C. 28213

15) PHONE NO Home 545-5639 Office 537-5166

16) LOCATION OF SYSTEM Lot 7 Harkey Rd. (STREET OR COUNTY ROAD)

17) SUBDIVISION [illegible] Lot No. 14 Block No. _____

Map Book No. 10 Page No. 163

18) DEED REFERENCE — DEED BOOK _____ AT PAGE _____

19) HAS A SOIL INVESTIGATION BEEN RUN? _____ 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.

10-8-82
DATE OF APPLICATION

W. L. Gladden
OWNER

EHD-5-76

GI -/0 19-82 /

LA No 16349

Serial No. 5974

Date Issued 10-12-82

T C No PO 193-335-01

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 Gladden, (LAST) William (FIRST) L. (MIDDLE)

ADDRESS OF OWNER 6725 Huntley Rd., Charlotte, NC ZIP 28212

LOCATION OF LOT 1400 Reid Harkey Road (STREET OR COUNTY ROAD)

SUBDIVISION Dove Hollow LOT NO. 4 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 16349. 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 *** LIFT STATION MAY BE NEEDED DEPENDING ON PLACEMENT OF HOUSE ***

Ron Phelps
Environmentalist

Mike Sexton
Environmental Health Director, or Authorized Section Head

EHD-5-76

Environmental Health Department's Copy

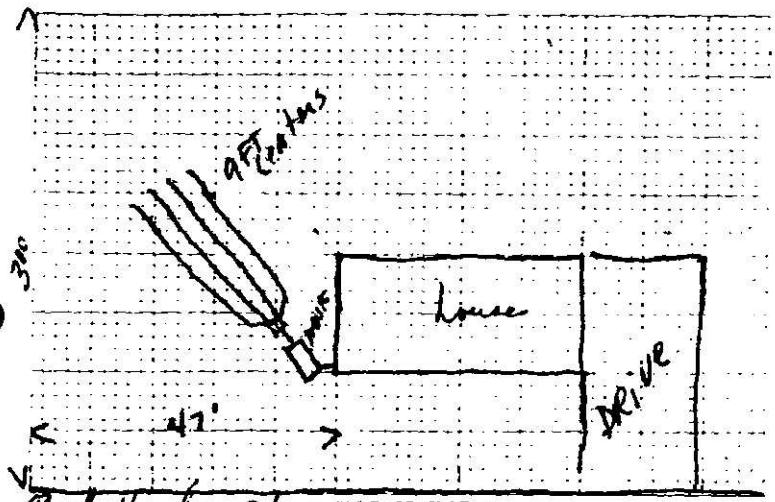
Serial No. 5800

Date Issued 10-20-82

ICAR(S) Permit No 16349
PC No 193-335-01
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 16349 dated 10-8-82 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 12-20-82, after which date this permit shall be null and void.



Reid Harkey Rd.

PLOT OF SYSTEM

Permeability Rate P.S.

Liquid Capacity of Tank 1500 gal

Tank Construction p/c concrete

Absorption Area or Nitrification Line

Total Line Length 200'

Number of Lines 4

Distance from Well 710'

Distance from Property Line 710'

Distance from Well 750'

NAME OF OWNER William L. Gladden

LOCATION OF PROPERTY 1400 Reid Harkey Rd.

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.

B 4-50' x 3' wide x 12" Stone w/ 1'-2½' cover

Comments:

Division or Section Head

Environmentalist R. Phelps

* 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

NOT ON HEALTH DEPARTMENT'S COPY

Serial No. 6627

ICAR(S) Permit No 16349

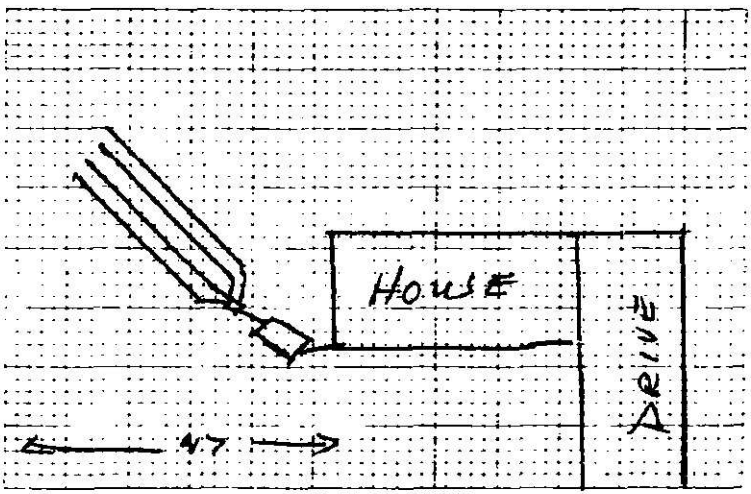
Date Issued Sept 16th 1983

T C No 193-335-01

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 1 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 16349, dated 10-8-82 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 Oct 31st 1983, after which date this permit shall be null and void.



PLOT OF SYSTEM

Permeability Rate PS IVA

Liquid Capacity of Tank 1500 gal

Tank Construction Pre Cast Concrete

Absorption and/or Nitrification Lines

Total Line Length 200 lin FT

Number of Lines FOUR

Distance from House 10 FT

Distance from Property Line 10 FT

Distance from Well 75 FT

NAME OF OWNER GLADDEN, WILLIAM L

LOCATION OF PROPERTY 1400 REID HARKEY ROAD

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.

Four trenches to be 50 FT x 3 FT x 12" stone - hay or straw cover grade bds - plumb w/m line into DIST BOX

Comments

Division or Section Head

Environmentalist Ralph Nettles

* 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 16349

Date Issued 3-23-84 **Serial** 6485 T C No 143-335-01

MECKLENBURG COUNTY
DEPARTMENT OF ENVIRONMENTAL HEALTH

CERTIFICATE OF APPROVAL

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

Name of Owner GLADDEN (LAST) WILLIAM (FIRST) L (MIDDLE)

Location of Property 1400 REID HARKEY RD

Application Number 16349 Permit Number 16349

Inspection Data:

Liquid Capacity of Tank 1500 gal Tank Material P.C Concrete

Total Length of Drain Tile 200' Number of Lines 4

Depth of Filter Material 12" Cover Depth 2'

Water Supply Source well Distance from Water Source 50+

Excavation Inspected 3-23-84 (DATE) Tank Inspected 3-23-84 (DATE)

Nitrification Field Inspected 3-23-84 (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 JOHN BARNHARDT JOB

Kelly Faubel
Environmentalist

EHD-S-76

ENVIRONMENTAL HEALTH DEPARTMENT'S COPY