Date Received 9/8/77

APT No. 11220

T. C No. 139-271-42

Map Date _____

MECKLENBURG COUNTY
DEPARTMENT OF ENVIRONMENTAL HEALTH

APPLICATION FOR SOIL INVESTIGATION

1) NAME OF OWNER KERNS, (LAST) ROGER (FIRST) B. (MIDDLE)

2) ADDRESS OF OWNER 5100 Rolling Oak Lane, Charlotte, N.C. ZIP 28212

3) PHONE NO Home 536-1519 Office _____

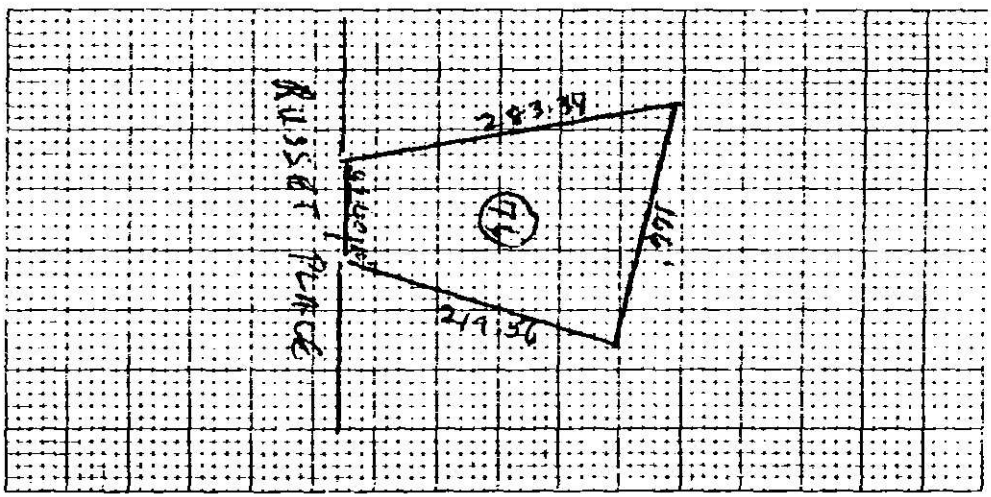
4) LOCATION OF PROPERTY 10514 Russet Place (STREET OR COUNTY ROAD)

5) SUBDIVISION HILLANDALE ACRES LOT NO 76 BLOCK NO _____

MAP BOOK NO 12 PAGE NO 541

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

Roger B. Kerns
OWNER

EHD-5-76

Environmental Health Department's Copy

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

APPENDIX H
SITE EVALUATION

16220
APT 13781
TC 134-271-[illegible]

(Ground Absorption Sewage Disposal)

OWNER: [illegible]
ADDRESS: 6710 Elm Forest Dr.
COUNTY: Charlotte
LOCATION OF SITE: Aurora Place

DATE REQUESTED: 3-29-78
PLAT NO.:
LOT SIZE: [illegible]

FACTORS	AREA 1	AREA 2	AREA 3	AREA 4
1. SLOPE (%)	(S) PS 2-10% U	S PS U	S PS U	S PS U +
2. SOIL TEXTURE (12-36 in.) (Sandy, loamy, clayey, Note 2:1, Clay)	S (PS) clay U	S PS U	S PS U	S PS U
3. SOIL STRUCTURE (12.36 in.) (Clayey Soils)	S (PS) Blocky U	S PS U	S PS U	S PS U
4. SOIL DEPTH (In.)	(S) 48" PS U	S PS U	S PS U	S PS U
5. RESTRICTIVE HORIZONS (In.) (Impervious Strata, Rock)	(S) None PS U	S PS U	S PS U	S PS U
6. SOIL DRAINAGE/GROUNDWATER (External & Internal)	S (PS) clay U	S PS U	S PS U	S PS U
7. SOIL PERMEABILITY (Percolation Rate)	S (PS) Blocky U	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	→ Provisionally Suitable			
SOIL SERIES	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:

Described By: William R. Marks

Title: Soil Scientist Date: 4-4-78

DHS Form 2601 (2/77)
Sanitation

Serial No. 3199

PTR No. 16220

Date Issued 11-20-79

T C No 139-271-42

Map Date

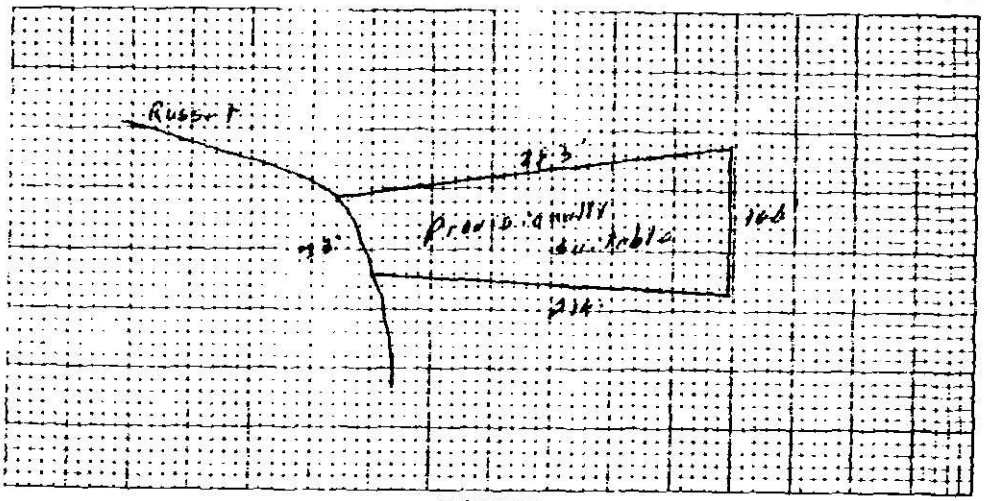
MECKLENBURG COUNTY
DEPARTMENT OF ENVIRONMENTAL HEALTH
SOIL INVESTIGATION REPORT

NAME OF OWNER Kerns (LAST) Roger (FIRST) B. (MIDDLE)

ADDRESS OF OWNER 5100 Rolling Oak Lane, Charlotte, N. C. ZIP 28212

LOCATION OF PROPERTY 10514 Russet Place (STREET OR COUNTY ROAD)

SUBDIVISION Hillandale Acres LOT NO 76 BLOCK NO



PLOT PLAN

This is to certify that a soil investigation and onsite 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 permissible 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 at an application rate not to exceed [illegible] gallons per square foot per day subject to the following terms and conditions:

1. [illegible] the Mecklenburg County Department of Environmental Health [illegible] wastewater treatment system.
2. [illegible] determined by the Mecklenburg County Department of Environmental Health [illegible] and on the plot plan.
3. [illegible] acceptable system installation.
4. [illegible] performed on the lot which is approved by the Mecklenburg County Department of Environmental Health under the area indicated as acceptable for [illegible] 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.

William A. Marlin
Soil Scientist

John R. Atkinson
Environmental Health Director or Authorized Section Head

END-5-76

Environmental Health Department's Copy

SEE INSTRUCTIONS ON BACK

Date Received 12/27/79

ICAR(S) Application No. 16220

T C No. 39125142

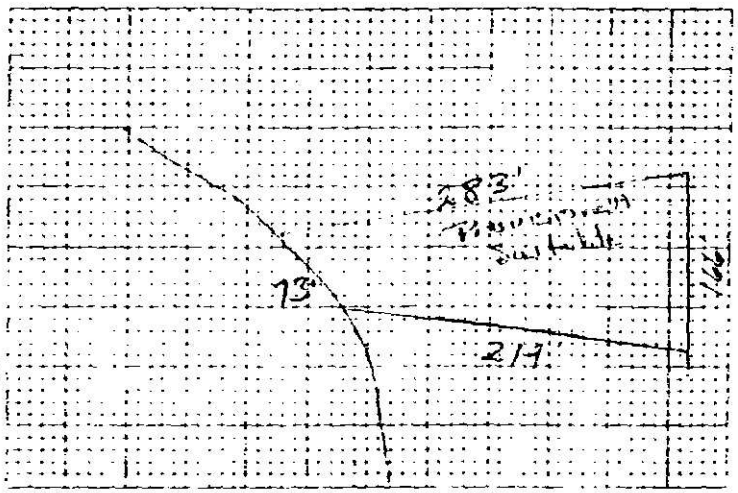
Map Date

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 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 Kerce (LAST) Roger (FIRST) Boyce (MIDDLE)

14) ADDRESS OF OWNER 5122 [illegible] Charlotte

15) PHONE NO. Home 536-[illegible] Office ___

16) LOCATION OF SYSTEM [illegible] (STREET OR COUNTY ROAD)

17) SUBDIVISION [illegible] Lot No. 76 Block No. ___

Map Book No. 12 Page No. 541

18) DEED REFERENCE — DEED BOOK ___ AT PAGE ___

19) HAS A SOIL INVESTIGATION BEEN RUN? ___ YES ___ NO DATE RUN 11/20/79 → PS

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 ___

OWNER Roger B Boyce

EHD-5-76

ENVIRONMENTAL HEALTH DEPARTMENT'S COPY

Serial No. 3817

LA No. 16220

Date Issued December 27, 1979

T C No 139-271-42

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 Kerns, (LAST) Roger (FIRST) Boyce (MIDDLE)

ADDRESS OF OWNER 5100 Rolling Oak Lane, Charlotte, NC

LOCATION OF LOT 10514 Russett Place (STREET OR COUNTY ROAD)

SUBDIVISION Hillandale Acres LOT NO #76 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 16220. 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.

Bob Wilson
Environmentalist

John R Atkinson
Environmental Health Director, or Authorized Section Head

EHD-5-76

Environmental Health Department's Copy

Date Received 5-2-85

MECK COUNTY DEPARTMENT OF ENVIRONMENTAL HEALTH RECEIVED MAY 2 1985

Application No 16220

T C No 35-221-42

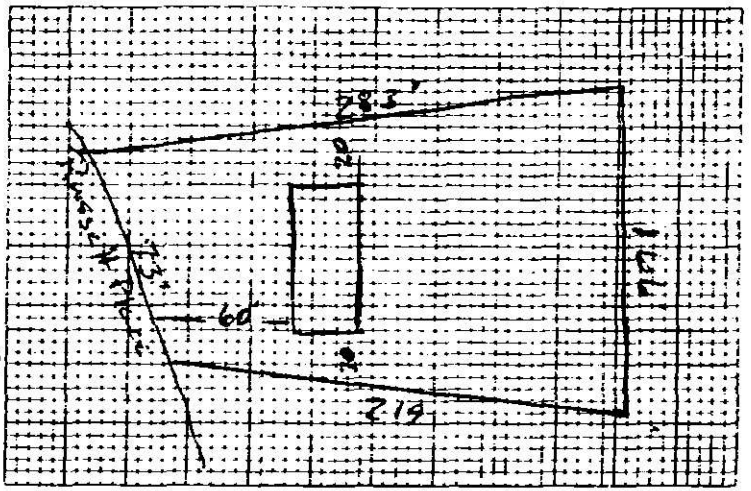
Map Date L

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) ✓ Install or Construct 2) ____ Alter or Repair an individual septic tank wastewater treatment system with subsurface soil absorption effluent discharge.



3) PLOT PLAN (ACCURATELY DIMENSIONED)

4) Mobile Home ____ Yes ____ No
Residence ✓ Yes ____ No
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 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 Kerns (LAST) Roger (FIRST) B. (MIDDLE)

14) ADDRESS OF OWNER 4932 Spicewood Dr 28212

15) PHONE NO Home 545-0414 Office 545-0414

16) LOCATION OF SYSTEM 10514 Russet Place (STREET OR COUNTY ROAD)

17) SUBDIVISION Hillandale Est. Lot No. 76 Block No. ____

Map Book No. 12 Page No. 541

18) DEED REFERENCE — DEED BOOK ____ AT PAGE ____

19) HAS A SOIL INVESTIGATION BEEN RUN? ✓ YES ____ NO DATE RUN 11/79 PS

20) PTR NUMBER (See Instructions) 16220

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.

5-2-85
DATE OF APPLICATION

Roger B. Kerns
OWNER

EHD-5-76

Date Issued 5-2-85

Serial No. 8487

SIR No. 16220

T C No 139-271-42

Map Date L CRT

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 Kerns, (LAST) Roger (FIRST) B. (MIDDLE)

ADDRESS OF OWNER 4932 Spicewood Dr., Charlotte, NC ZIP 28212

LOCATION OF LOT 10514 Russet 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 16220. 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.

Kelly Ewell
Environmentalist

Environmental Health Director, or Authorized Section Head

EHD-5-74

Environmental Health Department's Copy

Serial No. 08826

Date Issued 12/30/85

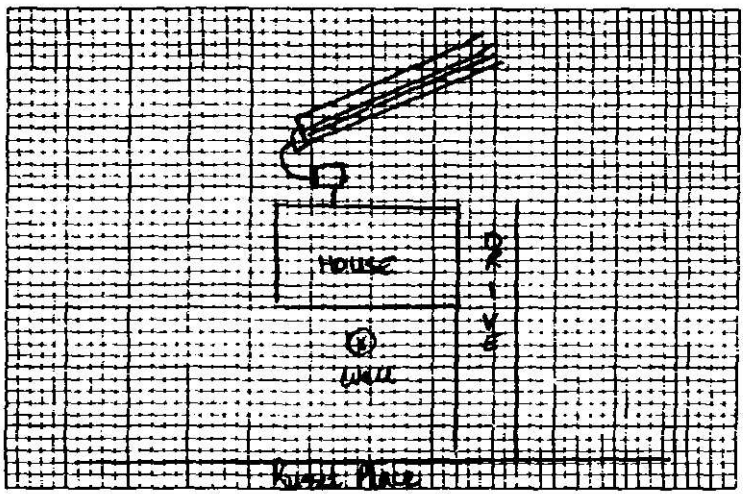
ICAR (S) Permit No. 16220

T C No. 139-271-42

Map Date 2

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 16220, dated 12/85 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 1/31/86, after which date this permit shall be null and void.



PLOT OF SYSTEM

Permeability Rate PS

Liquid Capacity of Tank 1500 gal

Tank Construction PCC

Absorption and/or Nitrification Lines

Total Line Length 400'

Number of Lines 4X100'

Distance from House 5'

Distance from Property Line 10'

Distance from Well 70'

NAME OF OWNER Kerns Roger R.

LOCATION OF PROPERTY 1054 Russet Place

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.

4 Trenches 3' x 100' x 12" stone with grade boards, straw as cover

Comments:

B. Hardister
Division or Section Head

Cynthia G. Bass
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 16220

Date Issued 1/17/86 **Serial** 8175 T C No 139-271-42 L Ckt

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 Kerns (LAST) Roger (FIRST) R. (MIDDLE)

Location of Property 10514 Russet Place

Application Number 16220 Permit Number 16220

Inspection Data:

Liquid Capacity of Tank 1500 gal Tank Material PCC

Total Length of Drain Tile 400' Number of Lines 4 X 100'

Depth of Filter Material 12" Cover Depth 6" - 12"

Water Supply Source well Distance from Water Source 70'

Excavation Inspected 1/17/86 (DATE) Tank Inspected 1/17/86 (DATE)

Nitrification Field Inspected 1/17/86 (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 1986, 3 BDRM, CON, 1200 SQ FT, 126 CCIL

Cynthia G. Ross
Environmentalist

EHD-S-74

Environmental Health Department's Copy