Date Received 3/12/79

APT No. 15235

T. C. No. 141-101-06

Map Date 1/3/79

# MECKLENBURG COUNTY
# DEPARTMENT OF ENVIRONMENTAL HEALTH

## APPLICATION FOR SOIL INVESTIGATION

1) NAME OF OWNER Shipes (LAST) John (FIRST) Allen (MIDDLE)

2) ADDRESS OF OWNER 3706 Lawyers Rd ZIP 28208

3) PHONE NO. Home 399-3827 Office

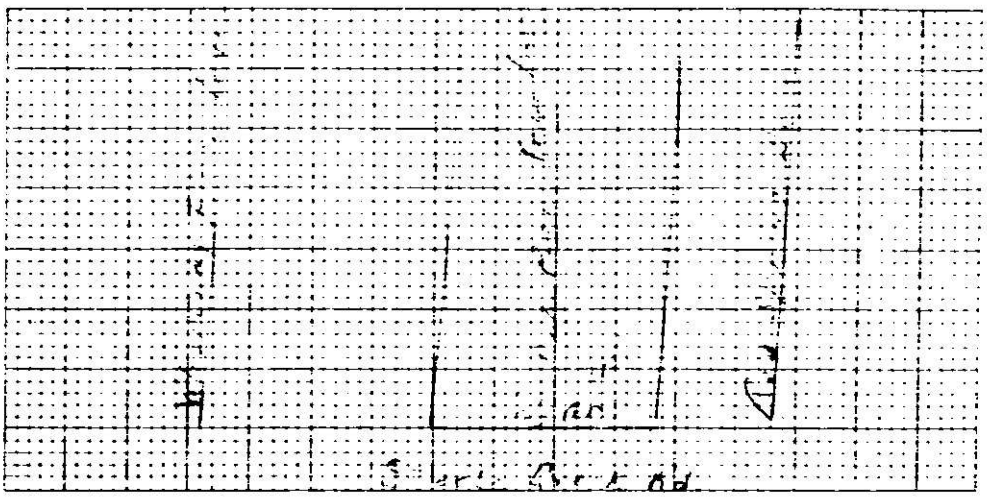
4) LOCATION OF PROPERTY Steele Creek Rd Hwy 160 (STREET OR COUNTY ROAD)

5) SUBDIVISION [redacted] LOT NO BLOCK NO.

MAP BOOK NO [redacted] 7 PAGE NO. [redacted] 341

6) DEED REFERENCE DEED BOOK 3579 PAGE NO. 338

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

John Allen Shipes Jr.
OWNER

EHD-5-76

**Environmental Health Department's Copy**

15235
141-10 1-06

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

APPENDIX H
SITE EVALUATION

(Ground Absorption Sewage Disposal)

OWNER: Shipes, John Allen
ADDRESS: 3906 Plainview Road
COUNTY: Mecklenburg
LOCATION OF SITE: Highway 160 Steele Creek

DATE REQUESTED: 3-12-79
PLAT NO.:
LOT SIZE: 283,140 Square feet
Map Book 7 Page No. 341
Deed Book 3879 Page No. 338

| FACTORS | AREA 1 | AREA 2 | AREA 3 | AREA 4 |
|---|---|---|---|---|
| 1. SLOPE (%) | S (PS) U — 4-6% | S (PS) U — 6-15% | S PS U | S PS U |
| 2. SOIL TEXTURE (12-36 in.) (Sandy, loamy, clayey, Note 2:1, Clay) | S (PS) U — clayey | S (PS) U — clayey | S PS U | S PS U |
| 3. SOIL STRUCTURE (12.36 in.) (Clayey Soils) | S PS (U) — massive | 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.) (Imprevious 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 — >6' | S (PS) U — >6' | S PS U | S PS U |
| 7. SOIL PERMEABILITY (Percolation Rate) | S (PS) U — moderate | S (PS) U — moderate | S PS U | S PS U |
| 8. OTHER (Specify) | S (PS) U — adequate area | S (PS) U — adequate area | S PS U | S PS U |
| 9. SITE CLASSIFICATION | U | PS | | |
| SOIL SERIES | Cecil | Cecil | | |

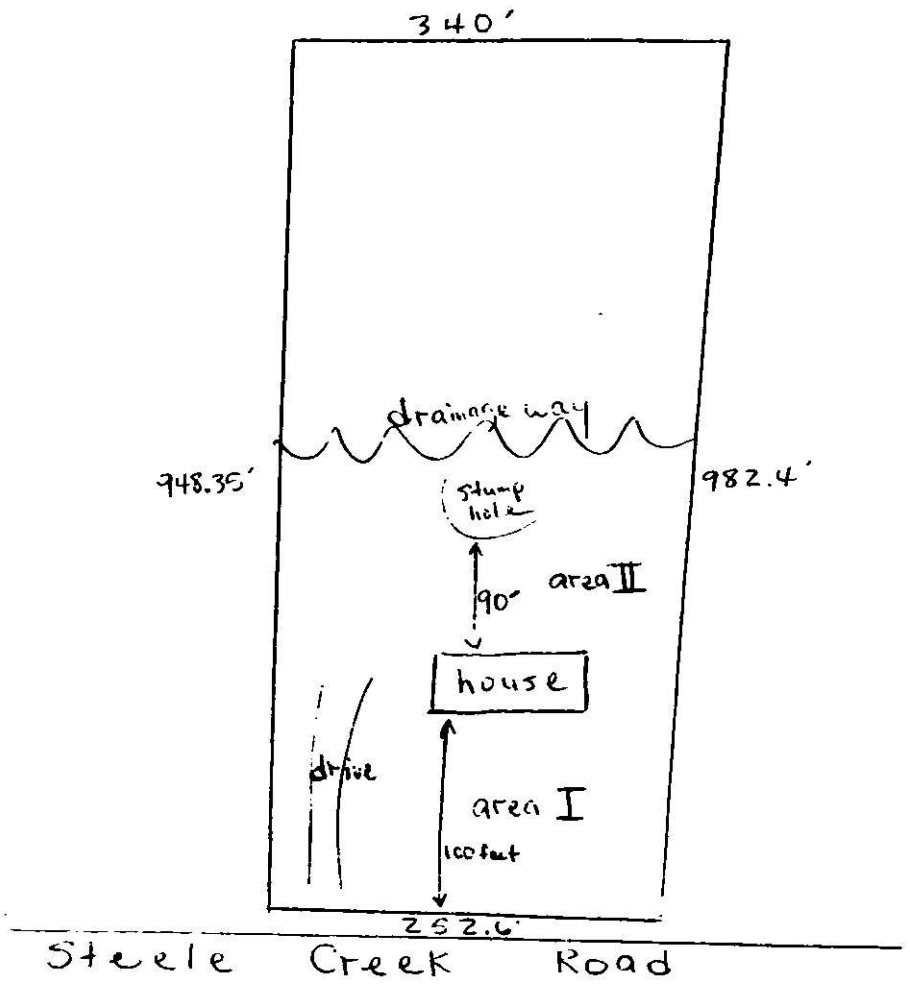
S - Suitable PS - Provisionally Suitable U - Unsuitable

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

Recommendations/Comments: Area I to the front of the house is too compacted from grading. Suggest this area be used for the well site.

Described By: Michael A. Sexton
Title: Sanitarian II
Date: March 20, 1979

DHS Form 2601 (2/77)
Sanitation


340'
drainage way
948.35'
982.4'
stump hole
90'
area II
house
drive
area I
100 feet
252.6'
Steele Creek Road

Serial No. 2601

PTR No. 15235

T. C. No. 141-101-06

Date Issued March 20, 1979

Map Date 1/3/79

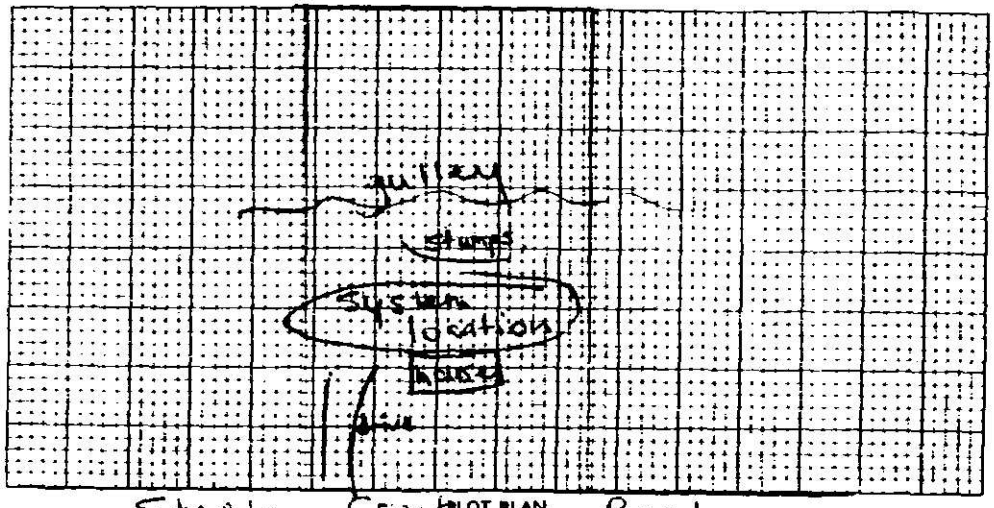
# MECKLENBURG COUNTY
# DEPARTMENT OF ENVIRONMENTAL HEALTH
## SOIL INVESTIGATION REPORT

NAME OF OWNER Shipes, John Allen
(LAST, FIRST, MIDDLE)

ADDRESS OF OWNER 3906 Plainview Road ZIP

LOCATION OF PROPERTY (Steele Creek / Charlotte, N.C. 28208
ROAD) (STREET OR COUNTY ROAD)

SUBDIVISION 6½ acres Hwy. 160 LOT NO. BLOCK NO.



PLOT PLAN

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 to install, construct, alter, or repair the specific system shall be obtained from the Mecklenburg County Department of Environmental Health prior to the beginning of any construction of building, or of the wastewater treatment system on the said 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 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 immediate area indicated as acceptable for system installation on the above plot.
4. This approval is void if any grading, filling, or construction (including the drilling 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, alteration, and/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.

Michael A. Sexton
Michael Sexton, Environmentalist

John P. Atkinson
Environmental Health Director or Authorized Section Head

EHDS-7

Environmental Health Department's Copy

Date Received March 24, 79 SEE INSTRUCTIONS ON BACK

ICAR(S) Application No 15235

T C No. 141-101-06

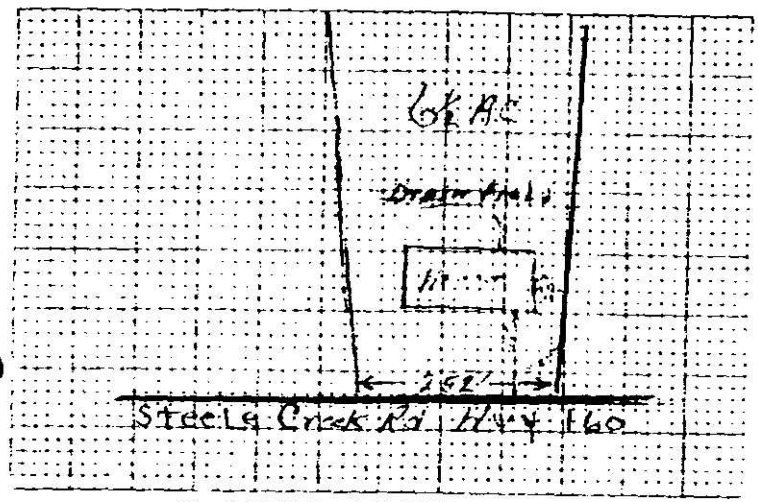
Map Date

# 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) 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 ___ No
Residence X Yes ___ No
4) No of Bedrooms 3
5) Business Use - Max No Employees ___
6) Washing Machine ___ Yes X No
7) Garbage Disposal ___ Yes X No
8) Dishwasher ___ Yes X No
9) Water Supply
A) Individual Well X
B) Governmental System ___
C) Community System
1 Well source ___
2 Governmental source ___
10) Sewage System
House located within 200 feet of public sewer ___ Yes X No
Mobile located within 200 feet of community sewer ___ Yes X No
11) FHA Case No ___
12) VA Case No ___

13) NAME OF OWNER Shi (LAST) J (FIRST) (MIDDLE)

14) ADDRESS OF OWNER 3[illegible]

15) PHONE NO. Home 399-3027 Office ___

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

17) SUBDIVISION ___ Lot No. ___ Block No. ___

Map Book No. [illegible] Page No. [illegible]

18) DEED REFERENCE — DEED BOOK ___ AT PAGE ___

19) HAS A SOIL INVESTIGATION BEEN RUN? X YES ___ NO DATE RUN [illegible]

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 John A Shipes, Jr

EHD-5-76

ENVIRONMENTAL HEALTH DEPARTMENT'S COPY

Serial No. 2789

LA No. 15235

Date Issued March 21, 1979

T. C. No. 141-101-06

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 SHipes, John Allen
(LAST / FIRST / MIDDLE)

ADDRESS OF OWNER 3906 Plainview Road, Charlotte ZIP _____

LOCATION OF LOT Steele Creek Road (Highway 160)
(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 15235 —. 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

Michael G. Sexton
Environmentalist

John R. Atkinson
Environmental Health Director, or Authorized Section Head

EHD-5-76

**Environmental Health Department's Copy**

Date Issued 31 May 1979

Serial No. 2786

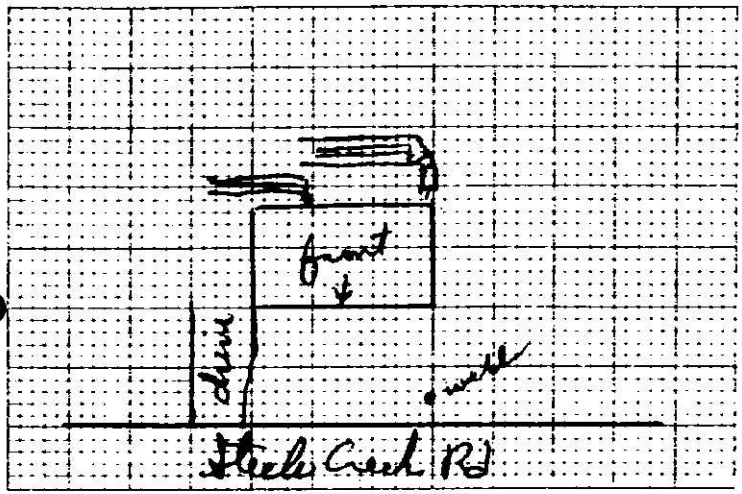
ICAR(S) Permit No. 15235

T. C. No 141-101-06

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 15235, dated 3-21-79 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 July 79, after which date this permit shall be null and void.




PLOT OF SYSTEM

Permeability Rate prev suit

Liquid Capacity of Tank 1000 Gal

Tank Construction pre cast

Absorption and/or Nitrification Lines:

Total Line Length 330 & 125

Number of Lines 4 & 4

Distance from House 10'

Distance from Property Line 10'

Distance from Well 50'

NAME OF OWNER Shipes, John Allen

LOCATION OF PROPERTY 8125 Steele Creek 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.

Comments

John P. Robinson

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**

Date Issued 6-4-79 Serial No. 2675 C of A (s) No. 15235

T C. No 141-101-06

# MECKLENBURG COUNTY
# DEPARTMENT OF ENVIRONMENTAL HEALTH

## ENVIRONMENTAL HEALTH DIVISION

CERTIFICATE OF COMPLETION
**CERTIFICATE OF APPROVAL**

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

Name of Owner Shipes (LAST) John (FIRST) Allen (MIDDLE)

Location of Property 8125 Steele Creek Road

Application Number 15235 Permit Number 15235

**Inspection Data:**

Liquid Capacity of Tank 1000 gallons Tank Material precast concrete

Total Length of Drain Tile 330' + 125' Number of Lines 5 + 4

Depth of Filter Material 17" Cover Depth 18"

Water Supply Source well Distance from Water Source > 100'

Excavation Inspected ——— (DATE) Tank Inspected ——— (DATE)

Nitrification Field Inspected 6-4-79 (DATE)

Washing Machine Line Inspected, If Applicable 6-4-79 (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 System not approved for dishwasher or disposal.

Michael A. Sexton
Environmentalist

EHD-5-76

**Environmental Health Department's Copy**