Date Received 8 July 1977

APT No. 12820

T. C. No. 005-141-02A

Map Date —

— T.C. WILKINS JR
RT 2 BOX 533 G
HUNTERSVILLE, NC

MECKLENBURG COUNTY
DEPARTMENT OF ENVIRONMENTAL HEALTH

28078

APPLICATION FOR SOIL INVESTIGATION

1) NAME OF OWNER CASHION (LAST) CLYDE M (FIRST) & KATE K (MIDDLE)

2) ADDRESS OF OWNER RT 2, BOX 443 HUNTERSVILLE, NC ZIP 28078

3) PHONE NO Home 542-0636 Office _____

4) LOCATION OF PROPERTY HWY #21 (STREET OR COUNTY ROAD)

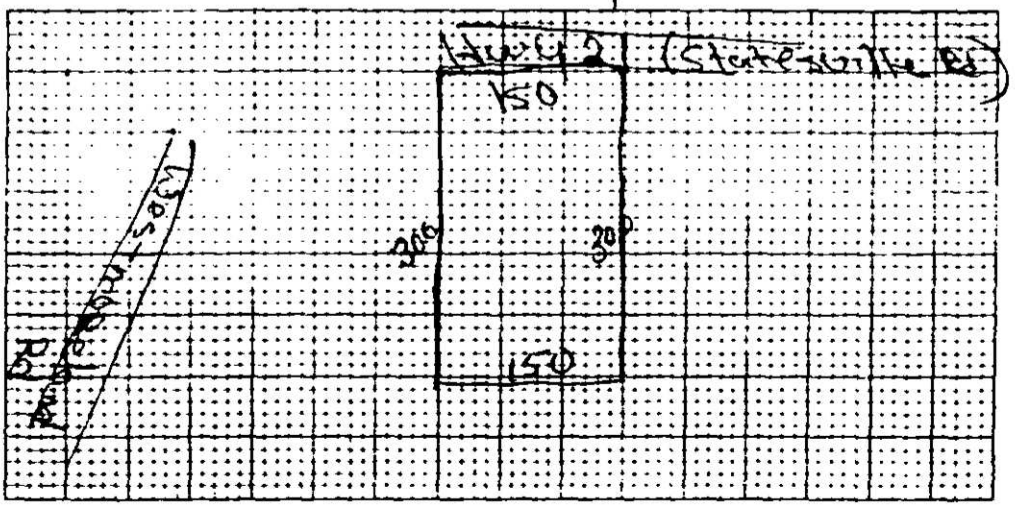
5) SUBDIVISION _____ LOT NO _____ BLOCK NO. _____

MAP BOOK NO _____ PAGE NO _____

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 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

Directions: Vacant lot next Heat Realty



7) ACCURATELY DIAGRAM & DIMENSION LOT

Clyde M Cashion
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
(Ground Absorption Sewage Disposal)

APT 12820
FC 005-141-02A

OWNER: Clyde M. & Kate Cashion
ADDRESS: Rt. 2, Box 493, Mocksville
COUNTY:
LOCATION OF SITE: Highway 21

DATE REQUESTED: July 6, 1977
PLAT NO.:
LOT SIZE: 45,000 sq. ft.

FACTORS	AREA 1	AREA 2	AREA 3	AREA 4
1. SLOPE (%)	(S) 2-5 PS U	(S) 2-6 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 2:1 PS Loamy (U) clay	S PS U	S PS U
3. SOIL STRUCTURE (12.36 in.) (Clayey Soils)	S (PS) 3-4" U	S PS massive (U)	S PS U	S PS U
4. SOIL DEPTH (In.)	(S) 40" PS U	(S) 48" PS U	S PS U	S PS U
5. RESTRICTIVE HORIZONS (In.) (Imprevious Strata, Rock)	S PS U	S PS U	S PS U	S PS U
6. SOIL DRAINAGE/GROUNDWATER (External & Internal)	(S) 72" PS 72" water table U	(S) 72" PS 72" water table U	S PS U	S PS U
7. SOIL PERMEABILITY (Percolation Rate)	S Moderate (PS) 60 min/in U	S Slow PS 72" min/in (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	unsuitable		
SOIL SERIES	Cecil	Mecklenburg		

S - Suitable PS - Provisionally Suitable U - Unsuitable

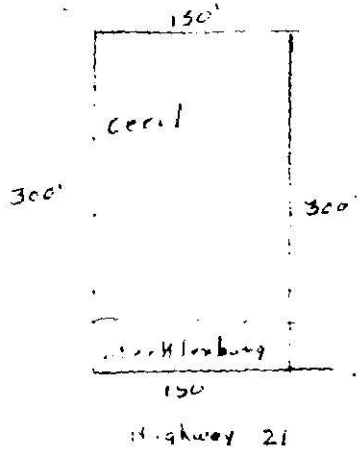
* See Diagram on Back (Include: Soil areas, property lines, roads, streams, gullies, wet areas, fill areas, wells, water bodies, slope patterns, etc)

Recommendations/Comments: Based on the investigation, an adequate area of provisionally suitable soil for the installation of a septic tank system was found on the lot. System design should be based on a percolation rate of 60 min/in and system located in provisionally suitable soils.

Described By: William R. Martin

Title: William R. Martin Date: July 19, 1977

DHS Form 2601 (2/77)
Sanitation


150'
Cecil
300'
300'
Hwy
150
Highway 21

Serial No. 1109

PTR No. 12820

T C No. 005-141-02A

Map Date

Date Issued July 20, 1977

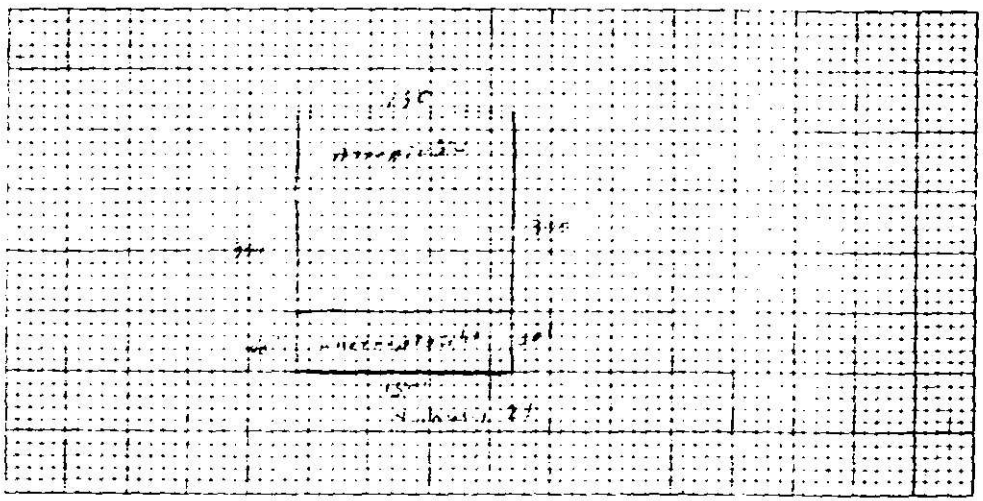
MECKLENBURG COUNTY
DEPARTMENT OF ENVIRONMENTAL HEALTH
SOIL INVESTIGATION REPORT

NAME OF OWNER Cashion (LAST) Clyde M. & Kate K. (FIRST) (MIDDLE)

ADDRESS OF OWNER RFD 2, Box 493, Huntersville, NC ZIP 28078

LOCATION OF PROPERTY Highway 21 (STREET OR COUNTY ROAD)

SUBDIVISION LOT NO BLOCK NO



PLOT PLAN

This soil [illegible] investigation was made by the Mecklenburg County Department of Environmental Health in the [illegible] This soil investigation was conducted on that portion of the lot indicated in the above plot **Provisionally**

The permeability rate determined by the investigation was **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 must be obtained from the Mecklenburg County Department of Environmental Health prior to the construction of the wastewater treatment system on the said lot.
2. The size of the septic tank wastewater treatment system which may be installed shall be determined by the Mecklenburg County Department of Environmental Health in accordance with the rate obtained above, and on the size of the lot as shown hereon.
3. This approval is valid for the [illegible] as shown on the plot plan as being suitable for system installation on the said plot.
4. This approval is [illegible] and the construction of the system must be in accordance with the plans and specifications approved by the Mecklenburg County Department of Environmental Health for the area indicated as acceptable for system installation on the said plot plan and [illegible] of the Mecklenburg County Health Department.

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.

EHD 5-76 **Soil Scientist**

Environmental Health Director or Authorized Section Head

Environmental Health Department's Copy

SEE INSTRUCTIONS ON BACK

Date Received 7/29/77

ICAR (S) Application No 12,516

T C No 105-14LCA

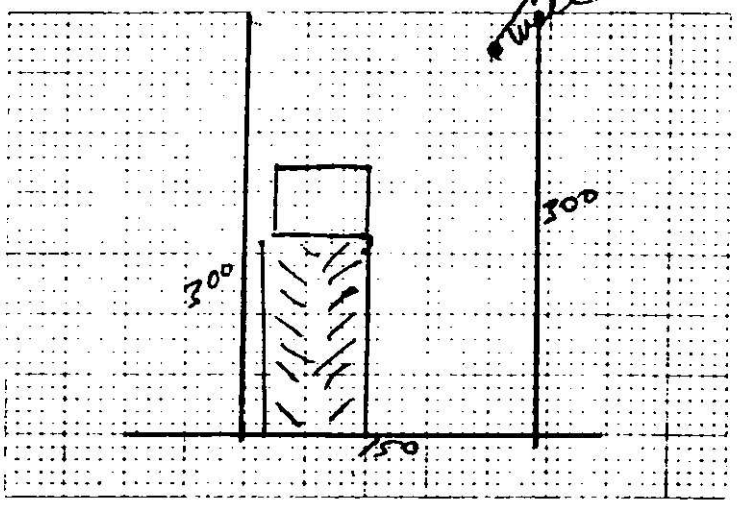
Map Date

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 subsurface soil absorption effluent discharge



3) PLOT PLAN (ACCURATELY DIMENSIONED)

Mobile Home Yes ✓
Residence Yes
4) No of Bedrooms 3
5) Business Use Max No Employees 2
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 Wilkins (LAST) Thomas C (FIRST) Jr (MIDDLE)

14) ADDRESS OF OWNER RT 2 Box 555 G Huntersville, NC 28078

15) PHONE NO Home 992-6592 Office

16) LOCATION OF SYSTEM # 21 North (STREET OR COUNTY ROAD)

17) SUBDIVISION Lot No Block No

Map Book No Page No.

18) DEED REFERENCE — DEED BOOK AT PAGE

19) HAS A SOIL INVESTIGATION BEEN RUN? ✓ YES NO DATE RUN 7/20/77

20) PTR NUMBER (See Instructions) 12,516

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.

29 July 1977
DATE OF APPLICATION

Thomas C Wilkins
OWNER

EHD 8-76

Environmental Health Department's Copy

Date Issued August 1, 1977

Serial No. 1043

LA No. 12820

T C. No. 005-141-02A

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 Wilkins (LAST) Thomas (FIRST) G., Jr. (MIDDLE)

ADDRESS OF OWNER Route 2, Box 555-G, Huntersville, NC ZIP 28078

LOCATION OF LOT Highway 21, North (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 12820 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

Environmentalist

John R. Atkinson

Environmental Health Director, or Authorized Section Head

EHD-5-76

Environmental Health Department's Copy

Date Issued [illegible]

Serial No. 1056

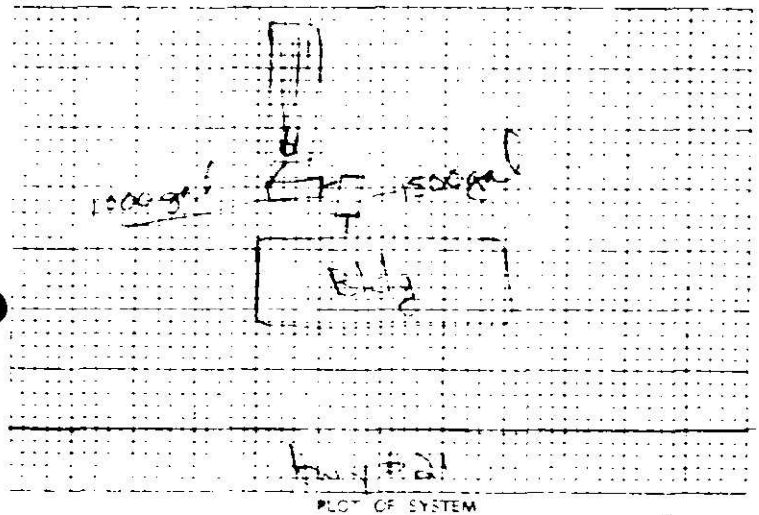
ICAR(S) Permit No. [illegible]

T C No [illegible]

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 granted to Install or Construct Alter or Repair the individual septic tank wastewater treatment system with subsurface, soil absorption, effluent discharge as specified hereinafter at the described location. This permit is granted based upon the information supplied in application [illegible] dated [illegible] and this permit shall be void and of no effect if the information provided in the application proves to be false. All work shall be completed on or before [illegible] after which date this permit shall be null and void.



PLOT OF SYSTEM

Permit No. Date [illegible]

Liquid Capacity of Tank [illegible] gal

Tank Construction [illegible]

Absorption Area Computations

Total Length [illegible]

Number of Lines 6 18' x 85'

Distance from House 10'

Distance from Property Line 10'

Distance from Well 75'

NAME OF OWNER [illegible]

LOCATION OF PROPERTY [illegible]

The system shall be installed in accordance with the requirements set forth in the Regulations of the Mecklenburg County Board of Health and shall be effective from 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 inaccessible for inspection. **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.**

Comment: Extend 1 1/2" Trench from end of 2nd Tank

[illegible]
Division or Section Head

[illegible]
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-S-76

Environmental Health Department's Copy

Date Issued [illegible]

Serial No. 1060

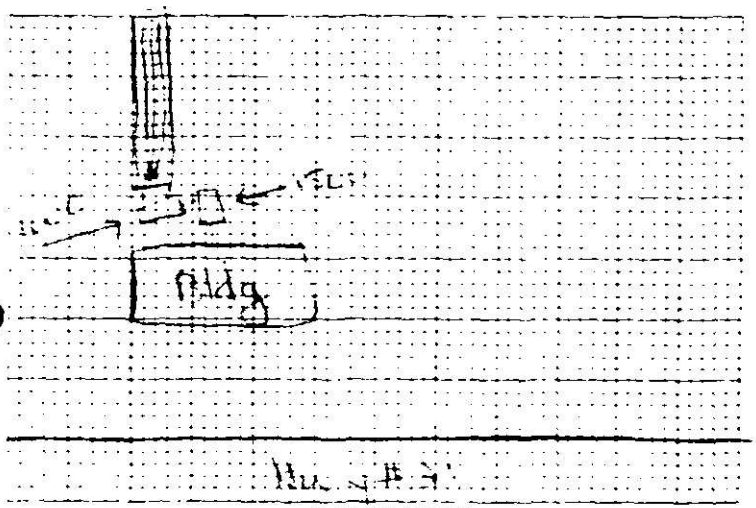
ICAR'S Permit No. [illegible]

T C No [illegible]

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 on application dated [illegible] 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 [illegible], after which date this permit shall be null and void.



PLOT OF SYSTEM

Permeability Rate [illegible]

Liquid Capacity of Tank [illegible]

Tank Construction [illegible]

Absorption and/or Nitrification Lines

Total Line Length 415

Number of Lines 6

Distance from House 16

Distance from Property Line 16

Distance from Well [illegible]

NAME OF OWNER [illegible]

LOCATION OF PROPERTY [illegible]

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

[signature]

Division or Section Head

[signature]

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.

EHDS-5-76

Environmental Health Department's Copy

Date Issued [illegible]

Serial No. 1015

C of A (s) No. 12826

T C No CC5-[illegible]

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 [illegible] T C
LAST FIRST MIDDLE

Location of Property [illegible]

Application Number [illegible] Permit Number [illegible]

Inspection Data:

Liquid Capacity of Tank [illegible] Tank Material Precast Concrete

Total Length of Drain Tile 415' Number of Lines 6

Depth of Filter Material [illegible] Cover Depth 5'

Water Supply Source Well Distance from Water Source 100'

Excavation Inspected [illegible] Sept 17
DATE

Tank Inspected 2 Sept 17
DATE

Nitrification Field Inspected [illegible] Sept 17
DATE

Washing Machine Line Inspected, If Applicable [illegible]
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 [illegible]

[illegible]
Environmentalist

EHD-5-76

Environmental Health Department's Copy