Date Received 4/14/77

APT No. 12210

T. C. No. 057-111-04

Map Date 11-2-76

MECKLENBURG COUNTY
DEPARTMENT OF ENVIRONMENTAL HEALTH

APPLICATION FOR SOIL INVESTIGATION

1) NAME OF OWNER Stewart (LAST) Ronald (FIRST) W. (MIDDLE)

2) ADDRESS OF OWNER P.O. Box 157 Huntersville N.C. ZIP 28078

3) PHONE NO. Home 875-2442 Office _____

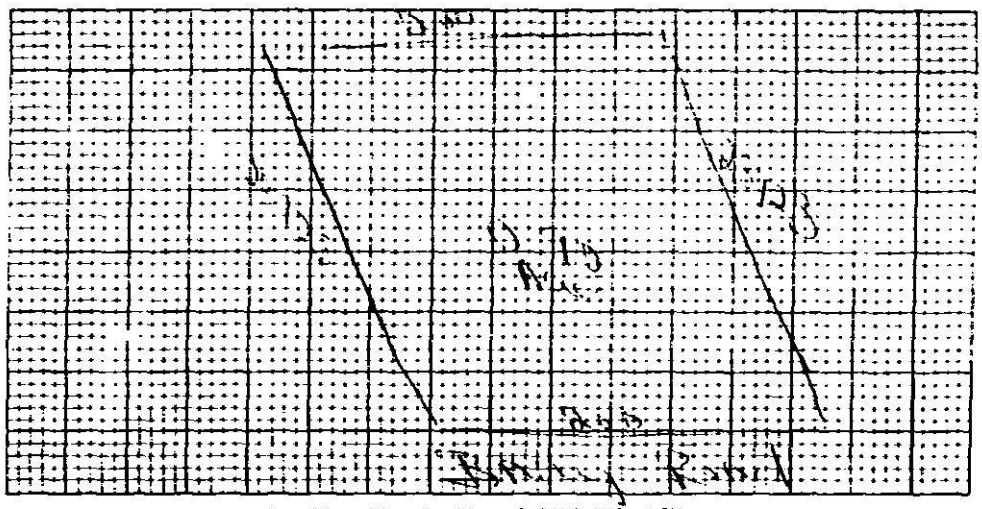
4) LOCATION OF PROPERTY E. on Rural (STREET OR COUNTY ROAD) 2 miles

5) SUBDIVISION _____ LOT NO. _____ BLOCK NO. _____

MAP BOOK NO _____ PAGE NO. _____

6) DEED REFERENCE: DEED BOOK 3923 PAGE NO. 0440

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

Ronald W Stewart
OWNER

EHD-5-76

Environmental Health Department's Copy

SOIL INVESTIGATION REPORT

Date of Investigation April 22, 1977 AI-T NO. 12210

Owner Ronald W. Stewart P.O. Box 114 Ward

Location of Property Bailey Rd

Soil Suitability Ratings

Soil Properties	Soil 1	Soil 2	Soil 3	Soil 4
1. Soil Series	Coral	Coral Rolling		
2. Soil Slope	Suitable 2-8%	unsuitable complex slopes		
3. Soil Depth	Suitable >40"	unsuitable variable <40"		
4. Soil Texture	Provisionally suitable Clay	Provisionally suitable Clay		
5. Soil Structure	Provisionally suitable Blocky	Provisionally suitable Blocky		
6. Restrictive Horizons	—			
7. Soil Drainage	Suitable water Table >6'	Suitable water Table >6'		
8. Soil Permeability (Percolation Rate)	Provisionally Suitable Moderate 60 min/in	Provisionally suitable slow mod-slow 120 min/in		
9. Other				
10. Overall Rating	Provisionally suitable	unsuitable		

Remarks:

Recommendations Based on this investigation, an adequate area of provisionally suitable soil for the installation of a septic tank system was found with slight limitations. System design should be based on a percolation rate of 60 min/in and system located in the area of Coral soil

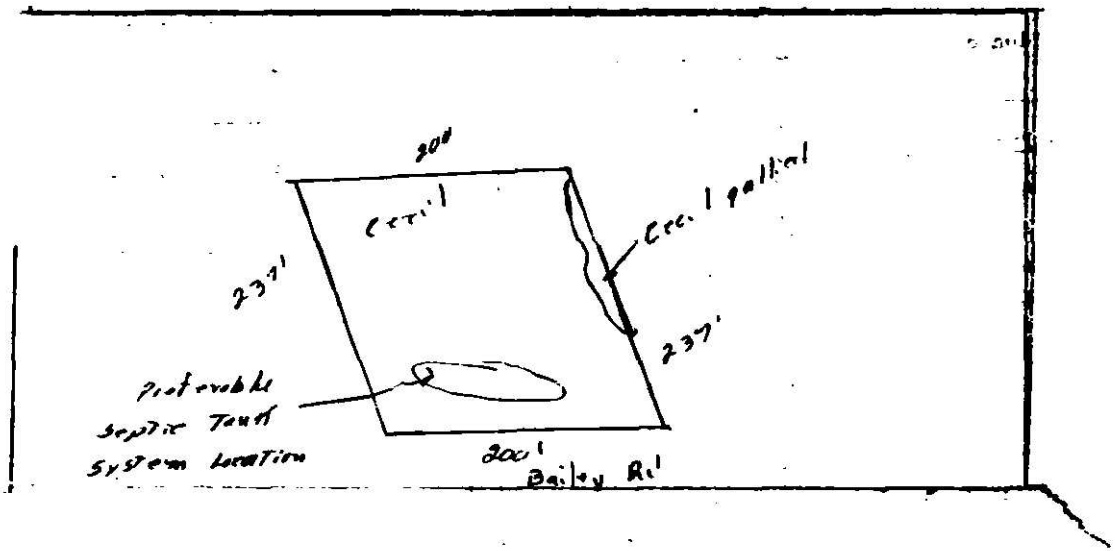
See diagram on back

William R. Merlin
Soil Scientist

WEC

3/18/75
EMD 539

DIAGRAM OF PROPERTY



3/18/75

FHA 538

Serial No. 0679

PTR No. 12210

Date Issued April 26, 1977

T. C. No. P.0.077-111-04

Map Date

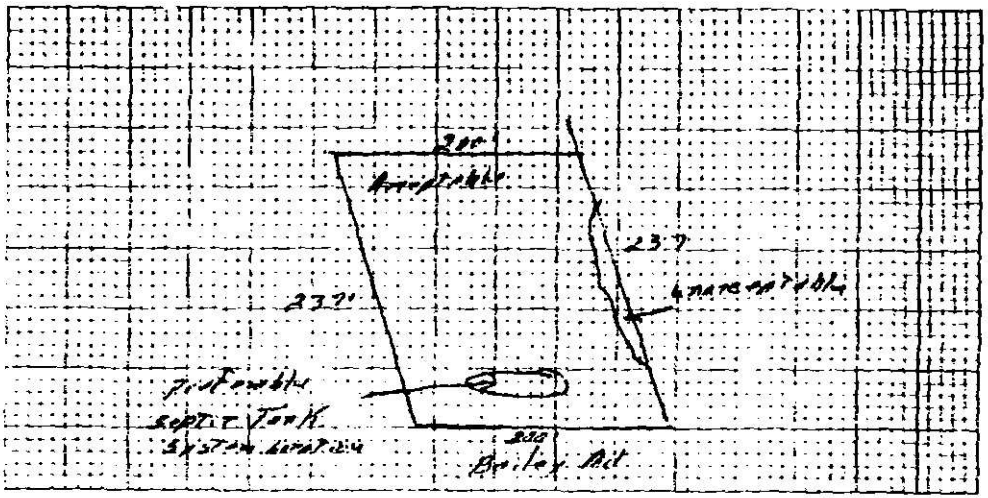
MECKLENBURG COUNTY
DEPARTMENT OF ENVIRONMENTAL HEALTH
SOIL INVESTIGATION REPORT

NAME OF OWNER Stewart (LAST) Ronald (FIRST) William (MIDDLE)

ADDRESS OF OWNER Box 954, Huntersville NC ZIP 28078

LOCATION OF PROPERTY Bailey Rd., Cornelius (STREET OR COUNTY ROAD)

SUBDIVISION LOT NO. BLOCK NO.



PLOT PLAN

This is to certify that a soil investigation and waste investigation was made by the Mecklenburg County Department of Environmental Health on the lot described above. The soil investigation was conducted on that portion of the lot as indicated on the above plot. **Provisionally Suitable**

The permeability rate determined by the investigation was **60 min/in.** 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 a system of the type specified must be obtained from the Mecklenburg County Department of Environmental Health prior to the beginning of any construction of the wastewater treatment system on the said lot.
2. The size of the septic tank and the 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 proposed to be served.
3. This approval is valid only at the location specified on the above plot and for those areas indicated acceptable for system installation on the above plot.
4. This approval is void if any grading or construction including the cutting of roads 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 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.

William A. Marlin
EHO-S-74 Soil Scientist

John A. Isaacson
Environmental Health Director or Authorized Section Head

Environmental Health Department's Copy

SEE INSTRUCTIONS ON BACK

Date Received 4/14/77

ICAR (S) Application No. 12215

T. C. No. 057-111-04

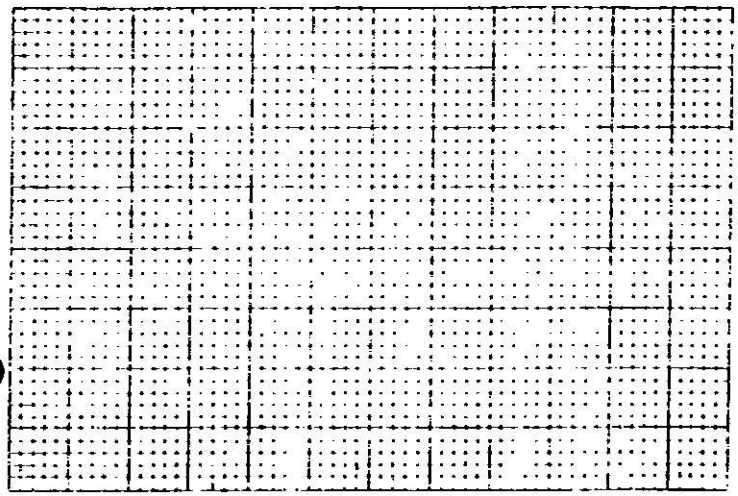
Map Date 11-2-76

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 X Yes ___ No
Residence ___ 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 ___ 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
House located within 200 feet of community sewer ___ Yes X No
11. FHA Case No ___
12 VA Case No ___

13) NAME OF OWNER Stewart Ronald W.
LAST FIRST MIDDLE

14) ADDRESS OF OWNER Box 124 Huntersville N.C. 28078

15) PHONE NO. Home _____ Office _____

16) LOCATION OF SYSTEM Rural Rd
STREET OR COUNTY ROAD

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

Map Book No. _____ Page No. _____

18) DEED REFERENCE — DEED BOOK 3135 AT PAGE 210

19) HAS A SOIL INVESTIGATION BEEN RUN? ___ YES X 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.

_____ X Ronald W. Stewart
DATE OF APPLICATION OWNER

EHD-5-76

Environmental Health Department's Copy

Date Issued 4/27/77

Serial No. 0706

LA No. 12210

T. C. No. P.O. 077-111-04

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 Stewart, Ronald William
(LAST, FIRST, MIDDLE)

ADDRESS OF OWNER Box 954, Huntersville, N. C. ZIP 28078

LOCATION OF LOT Bailey Road
(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 12210. 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.

T M Reynolds
Environmentalist

John A Atkinson
Environmental Health Director, or Authorized Section Head

EHD-5-76

Environmental Health Department's Copy

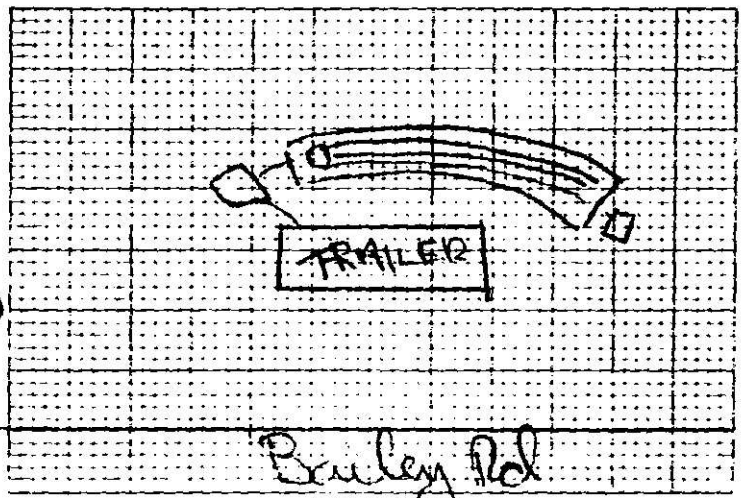
Date Issued 6 JUNE 77 Serial No. 0806 ICAR(S) Permit No. 12210

T. C. No. 007-111-04

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 12210 dated _____ 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 6 July, after which date this permit shall be null and void.



PLOT OF SYSTEM

Permeability Rate 60

Liquid Capacity of Tank 1500 gal

Tank Construction Precast Concrete

Absorption and/or Nitrification Lines

Total Line Length 450 Ft

Number of Lines 6

Distance from House 10'

Distance from Property Line 10'

Distance from Well _____

NAME OF OWNER Stuart Ben W.

LOCATION OF PROPERTY Bailey 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.**

Comments: _____

_____ A. M. Reynolds

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-S-76

Environmental Health Department's Copy

Date Issued 7 June 77 Serial No. 0774

C of A (s) No. 12210
P.O.
T. C. No. 007-11104

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 Stuart, Ronald W.
(LAST, FIRST, MIDDLE)

Location of Property Bailey Road

Application Number 11210 Permit Number 11210

Inspection Data:

Liquid Capacity of Tank 1500gal Tank Material Precast Concrete

Total Length of Drain Tile 450ft Number of Lines 6

Depth of Filter Material 17" Cover Depth 24"

Water Supply Source well Distance from Water Source 100'

Excavation Inspected 7 June 77 (DATE) Tank Inspected 7 June 77 (DATE)

Nitrification Field Inspected 7 June 77 (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 aeration, O.K.

J. M. Reynolds
Environmentalist

EHD-5-76

Environmental Health Department's Copy