Date Received 11-5-80

MECK COUNTY DEPARTMENT OF ENVIRONMENTAL HEALTH
RECEIVED
NOV 5 1980

APT No 17432
T. C. No R/M 01-071-01
Map Date

# MECKLENBURG COUNTY
# DEPARTMENT OF ENVIRONMENTAL HEALTH

## APPLICATION FOR SOIL INVESTIGATION

(etal)

1) NAME OF OWNER Kelly (LAST) Manuel (FIRST) Kelly (MIDDLE)

2) ADDRESS OF OWNER R4 Box 804 Huntersville NC ZIP 28078

3) PHONE NO Home 892 1986 Office

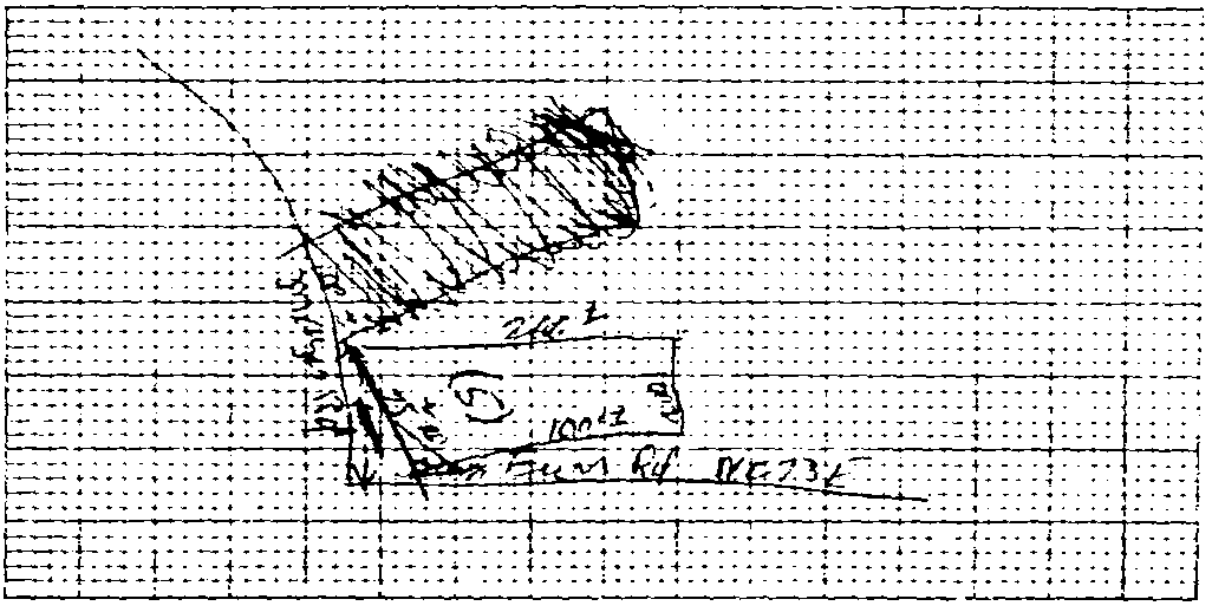
4) LOCATION OF PROPERTY Mayes Rd & Sam Furr Rd (STREET OR COUNTY ROAD) NC 73E

5) SUBDIVISION unrecorded LOT NO 5 BLOCK NO.

MAP BOOK NO PAGE NO

6) DEED REFERENCE DEED BOOK 4624 PAGE NO. 0412

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

Manuel & Kelly
OWNER

END-5-76

Environmental Health Department's Copy

Serial No. 3892

PTR No. 17432

Date Issued Dec. 10, 1980

T. C No. po 011-071-01

Map Date

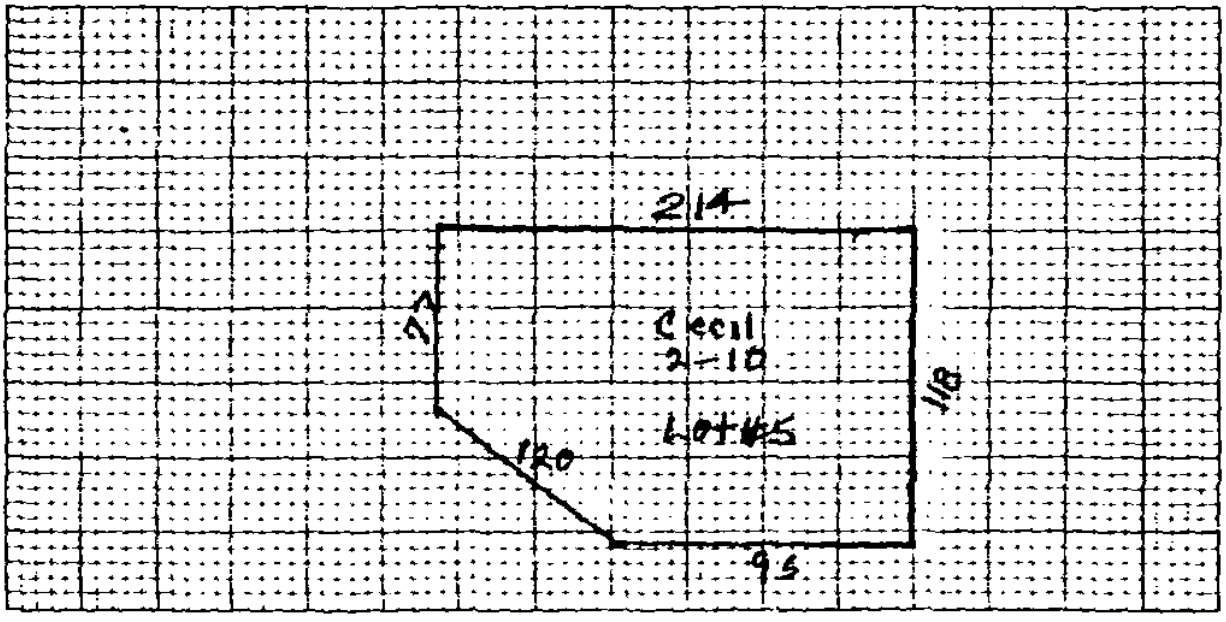
# MECKLENBURG COUNTY
# DEPARTMENT OF ENVIRONMENTAL HEALTH
## SOIL INVESTIGATION REPORT

NAME OF OWNER Kelly, (LAST) Murray (FIRST) G. (MIDDLE)

ADDRESS OF OWNER Route 4, Box 804, Huntersville, nC ZIP 28078

LOCATION OF PROPERTY Mayes Road at Sam Furr Road (STREET OR COUNTY ROAD)

SUBDIVISION LOT NO #5 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 buildings 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 void 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.

W. B. Ramsey
Soil Scientist

John B. Atkinson
Environmental Health Director or Authorized Section Head

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

S.I.R. No. 17432
P.O.T.C. No. 011-071-01

(Ground Absorption Sewage Disposal)

OWNER: MURRAY KELLY
ADDRESS: R-4 BOX 804
COUNTY: HUNTERSVILLE 28078
LOCATION OF SITE: Mayes - Sam Furr Rd LOTS

DATE REQUESTED: 11-5-80
PLAT NO:
LOT SIZE: 23924 - .549

| FACTORS | AREA 1 | AREA 2 | AREA 3 | AREA 4 |
|---|---|---|---|---|
| 1. SLOPE (%) | S (PS) U — 2-10 | S PS U | S PS U | S PS U |
| 2. SOIL TEXTURE (12-36 inches) Sandy, Loamy, Clayey (Note 2:1 Clay) | S (PS) U — Clayey | S PS U | S PS U | S PS U |
| 3. SOIL STRUCTURE (12-36 inches) | S (PS) U — Blocky | S PS U | S PS U | S PS U |
| 4. SOIL DEPTH (inches) | S (PS) U — 48 | S PS U | S PS U | S PS U |
| 5. RESTRICTIVE HORIZONS (inches) (Impervious strata, Rock) | S (PS) U — NONE | S PS U | S PS U | S PS U |
| 6. SOIL DRAINAGE/GROUNDWATER (external and internal) | S (PS) U — Adequate | S PS U | S PS U | S PS U |
| 7. SOIL PERMEABILITY (percolation rate) | S (PS) U — MODERATE | 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 — P. Suitable

10. SOIL SERIES — Cecil

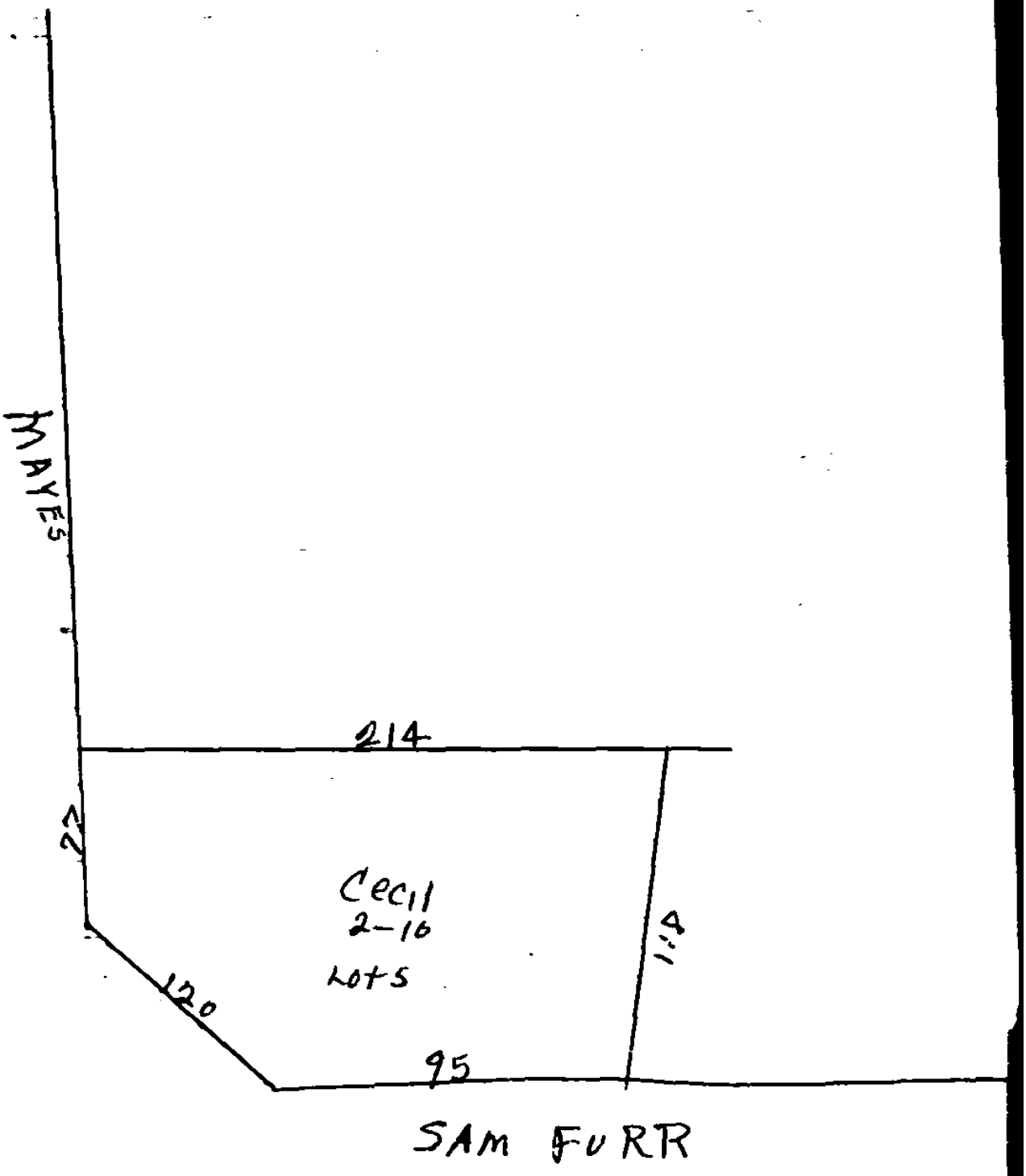
S - Suitable PS - Provisionally Suitable U - Unsuitable

** See Diagram on Back (includes: soil areas, property lines, roads, streams, gullies, wet areas, fill areas, wells, water bodies, slope)

Recommendations/Comments:

Described By: W. B. Ramsey
Title: Soil Scientist
Date: 12-8-80

DHS Form 2601
Sanitation
EHD 539 (2/80)


MAYES
214
22
Cecil
2-16
Lots
114
120
95
SAM FURR

Date Received 2/19/85

SEE INSTRUCTIONS ON BACK
RECEIVED
FEB 19 1985
ENVIRONMENTAL HEALTH

(CAR(S) Application No. 17432

T C No. RC-11-071-01

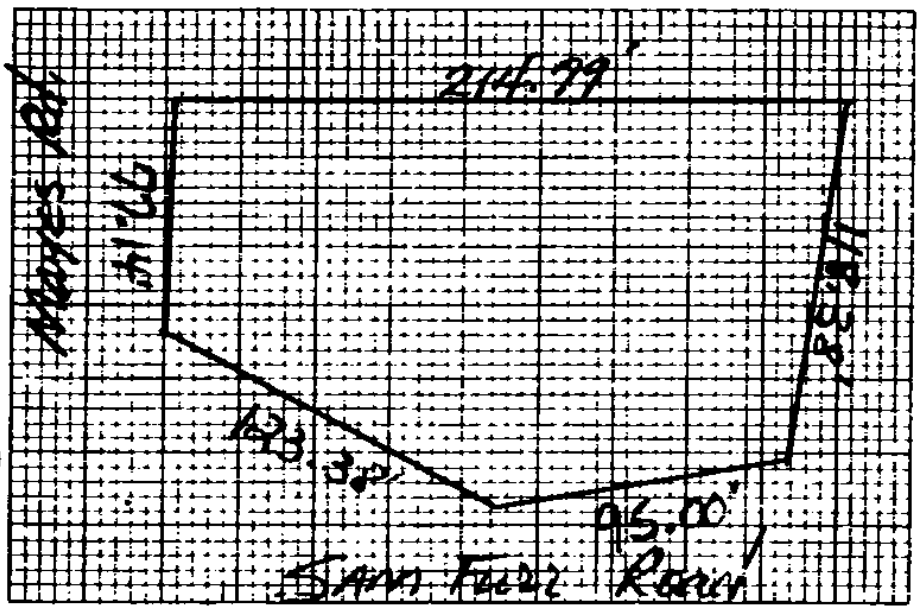
Map Date

# 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 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 Brock (LAST) Durand (FIRST) R. (MIDDLE)

14) ADDRESS OF OWNER 6415 Plank Road #36

15) PHONE NO. Home 3931773 Office 3356382

16) LOCATION OF SYSTEM Mayes Rd. at Sam Furr Road (STREET OR COUNTY ROAD) 1380 Mayes Rd.

17) SUBDIVISION N/A Lot No. 5 Block No. N/A

Map Book No. ____ Page No. ____

18) DEED REFERENCE — DEED BOOK 4925 AT PAGE 0180

19) HAS A SOIL INVESTIGATION BEEN RUN? ✓ YES ____ NO DATE RUN 12/80 RS

20) PTR NUMBER (See Instructions) 17430

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 2-6-85
DATE OF APPLICATION

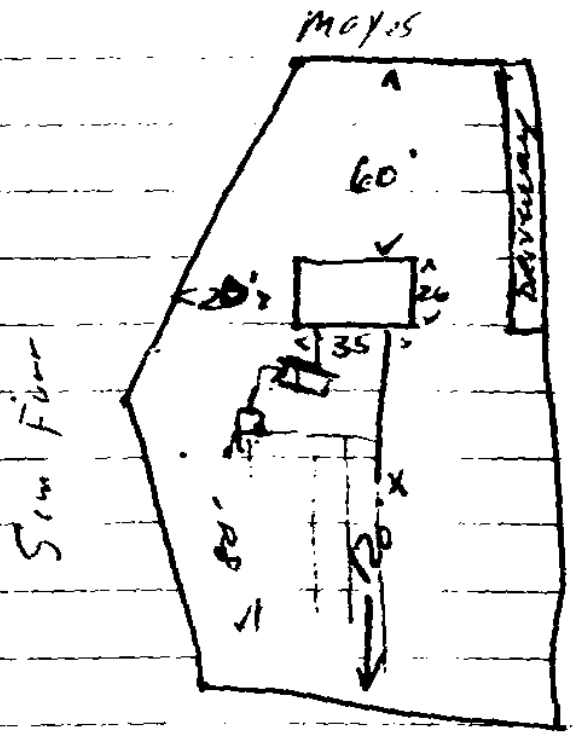
Gary Griffin
Call Builder: 545-7567

X R. Durand Brock
OWNER

EHD-5-76

Environmental Health Department's Copy

file # 17432




Builder

2/22/85

Serial No. 8223

SIR No. 17432

Date Issued 2-20-85

T. C. No. PO 011-071-01

Map Date L CRT

# 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 Brock, (LAST) Durand (FIRST) R. (MIDDLE)

ADDRESS OF OWNER 6415 Plank Rd., #36, Charlotte, NC ZIP 28216

LOCATION OF LOT 13800 Mayes Road (STREET OR COUNTY ROAD)

SUBDIVISION _____ LOT NO 5 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 17432. 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.

Jim Grier
Environmentalist

Environmental Health Director, or Authorized Section Head

EHD-5-76

Environmental Health Department's Copy

Date Issued 6-6-85

**Serial No. 08191**

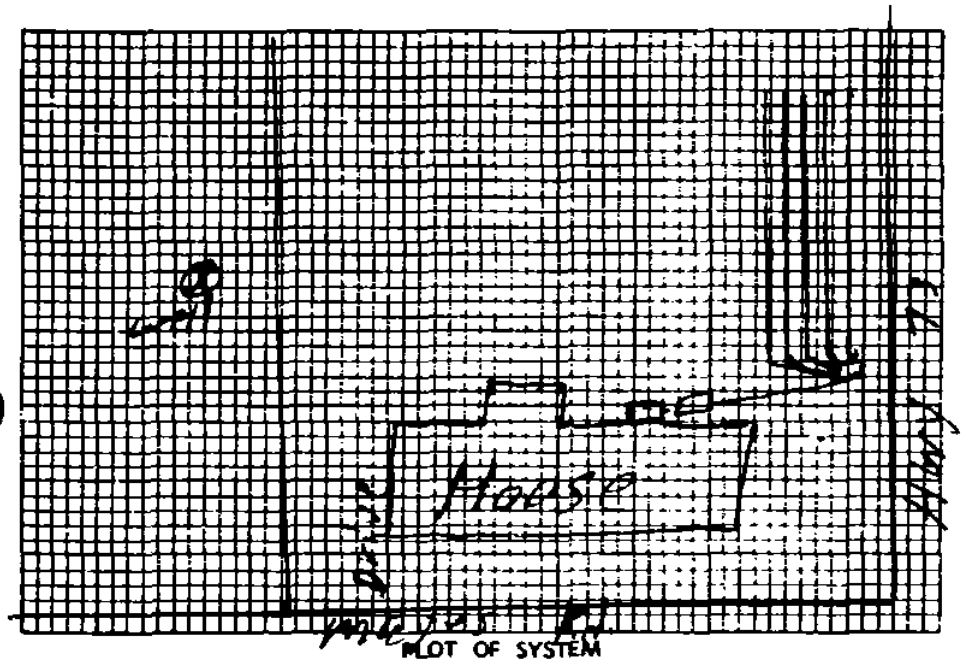
ICAR (S) Permit No. 17432

T C. No. CU-021-01

Map Date L

# 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 V 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 17432, dated 2-6-85 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 7-6-85, after which date this permit shall be null and void.




PLOT OF SYSTEM

Permeability Rate 1 K a

Liquid Capacity of Tank 1500 gal S.T. / 1000 gal L.S.

Tank Construction PCC

Absorption and/or Nitrification Lines:

Total Line Length 400'

Number of Lines Five

Distance from House 5'

Distance from Property Line 10'

Distance from Well 50'

NAME OF OWNER Brock, Durant

LOCATION OF PROPERTY 13800 Majors 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.

Five Trenches 80'x3'x12" Stone, Lift station Required

Comments:

B. Hamilton
Division or Section Head

Jim Evans
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

C of A (s) No. 17432

Date Issued 6-25-85 **Serial** 7635 T C No. 011-071-01 LOT 1

# MECKLENBURG COUNTY
# DEPARTMENT OF ENVIRONMENTAL HEALTH

## OPERATION PERMIT

### CERTIFICATE OF APPROVAL

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

Name of Owner Brock (LAST) Durand (FIRST) (MIDDLE)

Location of Property 13800 Mayes Rd.

Application Number 17432 Permit Number 17432

**Inspection Data:**

Liquid Capacity of Tank 1500 ST, 1000 LS Tank Material PCC

Total Length of Drain Tile 400 Number of Lines 5-1-0

Depth of Filter Material 12" Cover Depth 12"

Water Supply Source well Distance from Water Source 750'

Excavation Inspected 6-25-85 (DATE) Tank Inspected 6-25-85 (DATE)

Nitrification Field Inspected 6-25-85 (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 1500ST, 1000DT, Pl, con, 1205FT, 126, Cec. 1

Jim Emmon

Environmentalist

EHD-S-76

Environmental Health Department's Copy