Date Received 5/31/79

MECK COUNTY DEPARTMENT OF
RECEIVED
MAY 31 19/9
ENGINEERING HEAD

2

APT No. 15663
T. C. No. 135-245-05
Map Date 4/4/79

# MECKLENBURG COUNTY
# DEPARTMENT OF ENVIRONMENTAL HEALTH

## APPLICATION FOR SOIL INVESTIGATION

1) NAME OF OWNER Bob McLemore Lee.
(LAST FIRST MIDDLE)

2) ADDRESS OF OWNER P.O. box 25746 Charlotte, N.C. ZIP 28212

3) PHONE NO. Home _____ Office 545-9742

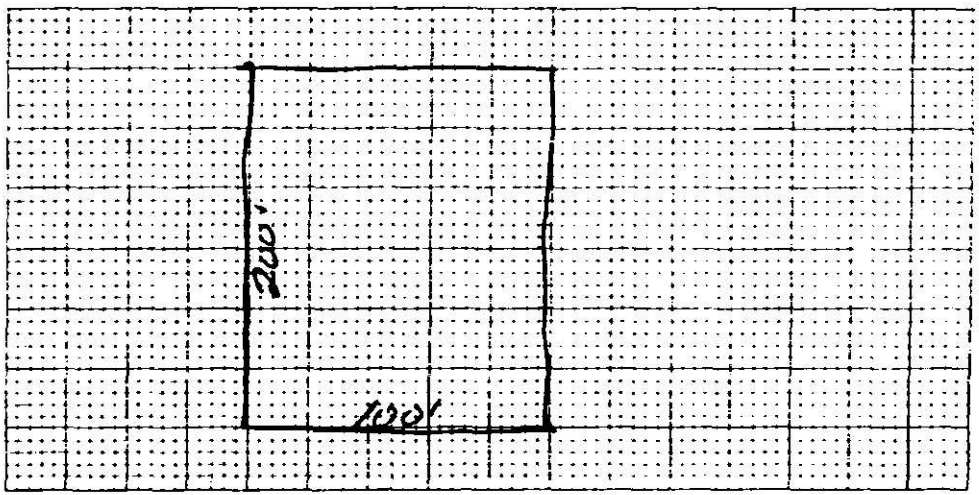
4) LOCATION OF PROPERTY 5417 Gristmill Ln.
(STREET OR COUNTY ROAD)

5) SUBDIVISION Lawnwood LOT NO 56 BLOCK NO. S

MAP BOOK NO 10 PAGE NO. 215

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

William L. Baker 5/30/79
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

S. I. R. NO. 5663

T. C. # 135-245-05

(Ground Absorption Sewage Disposal)

OWNER: Bob McLemore, Jr.
ADDRESS: P.O. Box 25746
COUNTY: Charlotte, N.C.
LOCATION OF SITE: Eastwood Farms

DATE REQUESTED:
PLAT NO.: Lot 563
LOT SIZE: 20,100

| FACTORS | AREA 1 | AREA 2 | AREA 3 | AREA 4 |
|---|---|---|---|---|
| 1. SLOPE (%) | S (PS) U — 2-8% | S (PS) U — 2-8% | S PS U | S PS U |
| 2. SOIL TEXTURE (12-36 in.) (Sandy, loamy, clayey, 'lote 2:1, Clay) | S PS (U) Mixed | S (PS) U — Some 2-1 Clay | 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) Fill | S (PS) U — 48" | S PS U | S PS U |
| 5. RESTRICTIVE HORIZONS (In.) (Impervious Strata, Rock) | S PS (U) Fill | S (PS) U — None | S PS U | S PS U |
| 6. SOIL DRAINAGE/GROUNDWATER (External & internal) | S PS (U) Drainageway Area | S (PS) U — 76" to ground water | S PS U | S PS U |
| 7. SOIL PERMEABILITY (Percolation Rate) | S PS (U) Slow | S (PS) U — Mod→ Slow | S PS U | S PS U |
| 8. OTHER (Specify) | S PS U | S PS (U) — Inadequate Area | S PS U | S PS U |
| 9. SITE CLASSIFICATION | unsuitable | unsuitable | | |
| SOIL SERIES | Fill | Cecil Helena | | |

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:

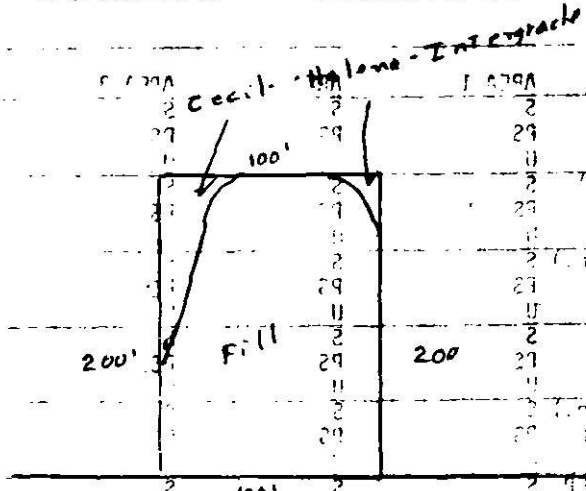
Described By: William R. Mealer

Title: Soil Scientist Date: 10-30-79

DHS Form 2601
Sanitation
EHD 539 (8/79)

Lot Reclassified 1-22-83 no change WAM

2


Cecil - Athens - Interstate
100'
200'
Fill
200'
Grist mill
100'

MECKLENBURG COUNTY
DEPARTMENT OF ENVIRONMENTAL HEALTH
1200 BLYTHE BOULEVARD
CHARLOTTE, NORTH CAROLINA 28203

SITE INVESTIGATION REPORT
INDIVIDUAL SEPTIC TANK SYSTEM
WITH SUBSURFACE,
SOIL ABSORPTION,
EFFLUENT DISCHARGE

S.I.R. # 15663

T.C. # 135-245-05

DATE 4 November 1, 1979

NAME OF OWNER Bob McLemore and Company

ADDRESS OF OWNER PO Box 25746, Charlotte, NC 28212

LOCATION OF LOT 5417 Gristmill Lane, Lit 56, Block S

As determined under the Rules and Regulations promulgated by the Commission for Health Services, Division of Health Services, North Carolina Department of Human Resources, Raleigh, North Carolina, the soils on the lot described above were found to be unsuitable for the installation of an individual septic tank - soil absorption system, due to the following reason:

Fill material area

Inadequate area of suitable soils available for installation of ground absorption sewage disposal system in accordance with N.C. Department of Human Resources specifications.

John R. Adkisson

John R. Adkisson, Environmentalist

Date Received 8-9-83

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ENVIRONMENTAL HEALTH

(CAMS) Application No. 15663

T. C. No. 135-24505

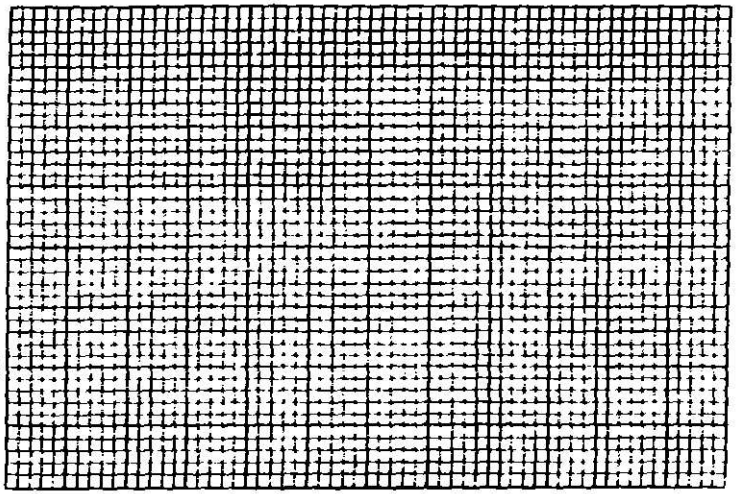
Map Date

# 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)

4) 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 Bob McLemore Co
LAST FIRST MIDDLE

14) ADDRESS OF OWNER PO Box 25746

15) PHONE NO. Home ____ Office 545-6111

16) LOCATION OF SYSTEM 5417 Gristmill Lane
STREET OR COUNTY ROAD

17) SUBDIVISION Fairwood Lot No. 56 Block No. 5

Map Book No. 18 Page No. 10

18) DEED REFERENCE — DEED BOOK ____ AT PAGE ____

19) HAS A SOIL INVESTIGATION BEEN RUN? ✓ YES ____ NO DATE RUN 11-1-77

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.

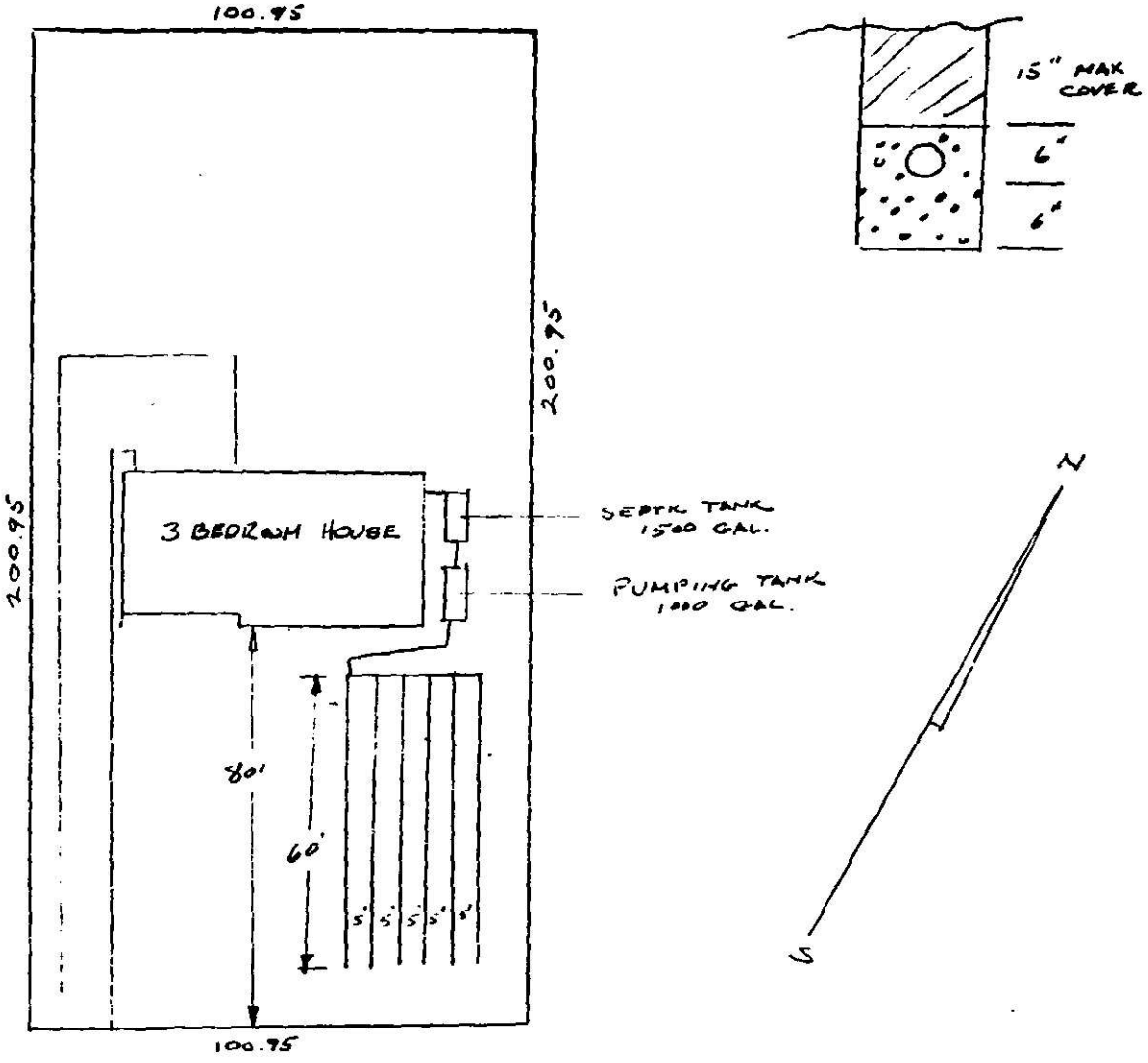
8-5-83
DATE OF APPLICATION

Bob McLemore Co.
OWNER by

EHD-5-76

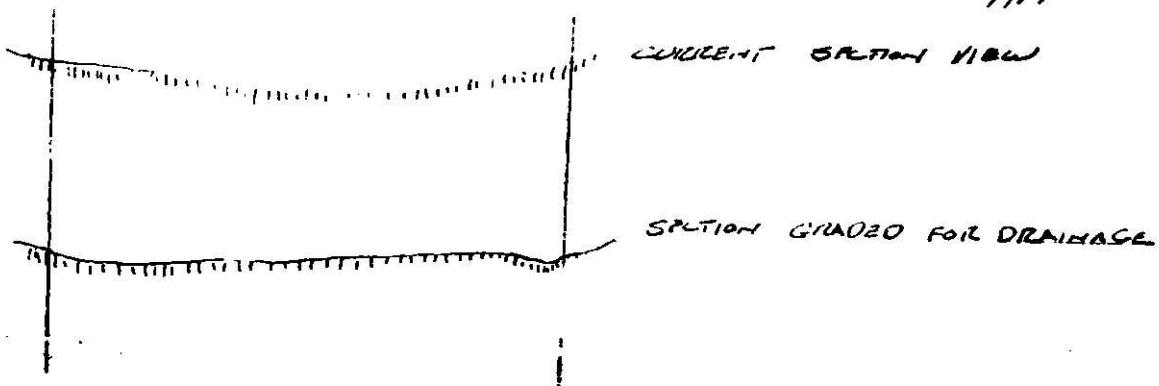
ENVIRONMENTAL HEALTH DEPARTMENT'S COPY

B663




5417 GRISTMILL LANE

APT 15663

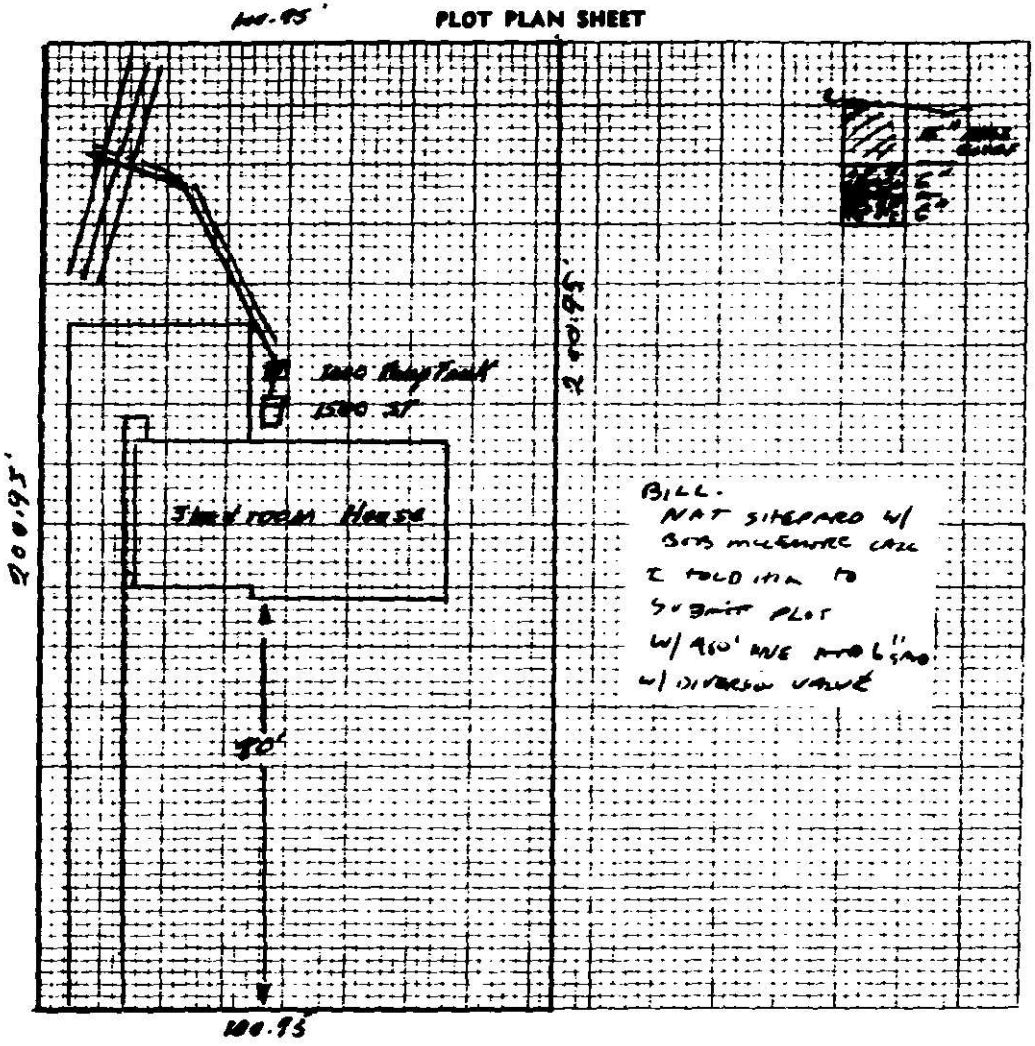


Date Issued_____

C of A (s) No. 15663

T. C. No 135-145-05

# MECKLENBURG COUNTY
# DEPARTMENT OF ENVIRONMENTAL HEALTH




5417 Briarhill Lane PLOT PLAN

ACCURATE DIAGRAM OF SYSTEM AS INSTALLED

EHD-5-76

Environmentalist

**Environmental Health Department's Copy**

1

NAME: Bob McLennan & Co ADDRESS: 5417 Chartwell Rd. #1563

| | |
|---|---|
| Daily waste flow | 450 GPD |
| Septic tank size | 1500 gal |
| Pumping tank size | 1000 gal |
| Effluent loading rate | 0.25 gal/ft² |
| Absorption area | 1800 ft² |
| Total length of laterals | 360' |
| Lateral diameter | 1¼" (160 psi) |
| Lateral configuration | 4 @ 90' runs 5' center |
| Supply line length | 60' |
| Supply line diameter | 2" (160 psi) |
| Manifold placement | Center |
| Hole size* | 1/8" |
| Number of holes | 72 |
| Pressure head | 3' |
| Flow per hole | .32 gpm |
| Total flow | 23.04 gpm |
| Elevation head | 7.0 ft |
| Friction head | 2.0 ft |
| Pressure head | 3.0 ft |
| Total head | 12 ft |
| Pump requirements | 24 gpm at 12' head = 0.4 HP |
| Storage volume in laterals | 32.4 gal |
| Storage volume in supply line | 11.6 gal |
| Total storage volume | 45. gal |
| Dosing volume | 173.5 gal |
| Dosing depth | 9.6 in |
| Check valve needed? | Yes. |

*Data on hole size, spacing, pressure head and flow must be listed for each line for systems where lines are different (such as sloping lots).

STATE OF NORTH CAROLINA
COUNTY OF MECKLENBURG

SEPTIC TANK AGREEMENT 15663

4706 0345

526

The undersigned, [redacted] McLemore Co. Inc., owner of property located at LOT 56-5 5417 GUILFORD LN, ("the site") and described in instrument recorded in Book 3793 at Page 204 of Mecklenburg Public Registry, hereby acknowledges that he applied to the Department of Environmental Health for a permit to install a septic tank sewage disposal system on the site; the Department evaluated the site for suitability for such a system in accord with the regulations promulgated by the North Carolina Commission for Health Services as 10 NCAC 10A .1900 et seq; that the Department classified the site as unsuitable and an appropriate permit was issued by the Department.

The undersigned further acknowledges that the proper design, construction, and maintenance of such septic tank system is his responsibility and that neither the Department nor its officials, employees or agents warrant or guarantee that the said system installed pursuant to the permit issued by the Department will function in a satisfactory manner for any given period of time or that the Department, its officials, employees or agents assume any liability for damages, consequential or direct, which are caused, or which may be caused by the malfunction of such system.

PRESENTED FOR REGISTRATION AUG 8 4 23 PM CHARLES E. BROWN REGISTER OF DEEDS MECKLENBURG CO. N.C.

This document shall be placed on the public records of the Register of Deeds of Mecklenburg County and indexed therein under the Grantor Index in the name or names of the undersigned, and the foregoing acknowledgements shall henceforth be binding on all persons claiming any right, title, or interest in the site.

And the undersigned further agrees for himself, his heirs and assigns that he shall indemnify and hold harmless the Department and its successors, as well as Mecklenburg County, for any damages or other claims of any person or persons whatsoever arising out of the installation operation, or failure of said septic tank system.

And the undersigned further agrees for his heirs and assigns that, in the event any septic tank system installed under authority of the aforesaid permit fails to perform adequately in any respect, he will take whatever measures are required to correct same; or if such is impossible he will discontinue use of said system immediately.

FEE 5.00
<> 5.00
CASH 5.00

Use of the singular masculine pronoun forms herein shall be deemed to also include the plural and feminine forms as the context may require. 08/08/83

This 8 day of AUGUST, 1983.

Billy E. Cooper
ASST. SECRETARY

Bob McLemore & Co. (Seal)
By [signature] Pres. (Seal)

STATE OF NORTH CAROLINA
COUNTY OF MECKLENBURG

I, _____, a Notary Public for said County and State, do hereby certify that _____ personally appeared before me this date and acknowledged the due execution of the foregoing instrument.

WITNESS my hand and notarial seal, this _____ day of _____, 19___.

_____
Notary Public
My Commission Expires: _____

STATE OF NORTH CAROLINA
COUNTY OF MECKLENBURG Union

I, Kristy McLemore (Carriker), a Notary Public for said County and State, do hereby certify that Robert V. McLemore personally came before me this day and acknowledged that he is President of Bob McLemore & Co., Inc. and that by authority duly given and as the act and deed of said corporation, the foregoing instrument was signed in its name by its President, sealed with its corporate seal and attested by Billy E. Cooper Asst. Secty.

WITNESS my hand and notarial seal, this 8th day of August, 19 83.

Kristy McLemore (Carriker)
Notary Public
My Commission Expires: December 8, 1987

Drawn By Bob McLemore & Co Inc., Mail to Dept. of Enviornmental Health

4706 0346

State of North Carolina, County of Mecklenburg
The foregoing certificate(s) of Kristy McLemore (Carriker).

a Notary(~~ies~~) Public of Union County and State of North Carolina
is ~~are~~ certified to be correct. This 8 day of August, 19 83.
Charles E. Crowder, Register of Deeds, By: DEPUTY

160
400
5.00



AS-8-23-83

SIR No. 15663

Serial No. 6661

Date Issued 8-10-83

T. C. No. 135-245-05

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 Bob McLemore & Co.
(LAST / FIRST / MIDDLE)

ADDRESS OF OWNER P.O. Box 25746, Charlotte, NC ZIP 28212

LOCATION OF LOT 5417 Gristmill Lane
(STREET OR COUNTY ROAD)

SUBDIVISION Farmwood LOT NO. 56 BLOCK NO. S

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 15663. 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.

*** AGREEMENT FORM ON FILE ***

Environmentalist

Environmental Health Director, or Authorized Section Head

EHD-5-74

**Environmental Health Department's Copy**

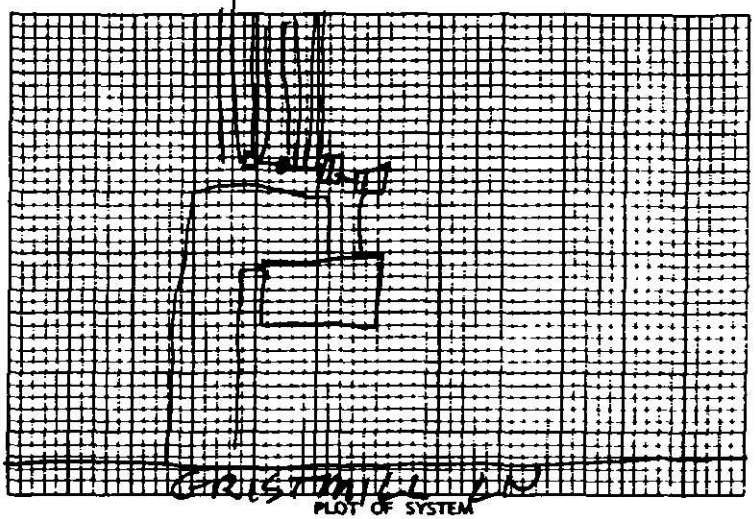
Date Issued 8-7-84 Serial No. 07498 ICAR(S) Permit No. 15663

T. C. No. 135-295-05

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 ___ 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 15663, dated 8-9-83 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 9-7-84, after which date this permit shall be null and void.



PLOT OF SYSTEM

Permeability Rate U.S

Liquid Capacity of Tank 1500 ST + 1000 PT

Tank Construction P.C.C.

Absorption and/or Nitrification Lines:

Total Line Length 600'

Number of Lines 8 x 75'

Distance from House 5'+

Distance from Property Line 10'+

Distance from Well 50'+

NAME OF OWNER BOB McLEMORE CO.

LOCATION OF PROPERTY 5917 GRISTMILL LN

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.

8 line x 75' long x 3' wide x 12" stone w/ grd board & straw cover

Comments: w/ diversion valve to sergeants field

W. B. Ramsey for B. H. Division or Section Head

Kelly Randall 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.

BHD-5-76

Environmental Health Department's Copy

C of A (s) No. 15663

Date Issued 8-10-84 **Serial** 6735 T. C. No. 135-245-05 L CRT

# MECKLENBURG COUNTY
# DEPARTMENT OF ENVIRONMENTAL HEALTH

## CERTIFICATE OF APPROVAL

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

Name of Owner BOB McLEMORE CO. (LAST / FIRST / MIDDLE)

Location of Property 5417 GRISTMILL LN

Application Number 15663 Permit Number 15663

**Inspection Data:** ST PT

Liquid Capacity of Tank 1500+1000 Tank Material P.C.C.

Total Length of Drain Tile 600' Number of Lines 8 x 75

Depth of Filter Material 17" Cover Depth 1-2'

Water Supply Source comm well Distance from Water Source 50'+

Excavation Inspected 8-10-84 (DATE) Tank Inspected 8-10-84 (DATE)

Nitrification Field Inspected 8-10-84 (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

Environmentalist

EHD-5-76

ENVIRONMENTAL HEALTH DEPARTMENT'S COPY