Date Received 8-13-84

MECK COUNTY DEPARTMENT OF
RECEIVED
AUG 13 1984
ENVIRONMENTAL HEALTH

SIR No. 21308

T. C. No. 20 135-391-99

Map Date 2

MECKLENBURG COUNTY
DEPARTMENT OF ENVIRONMENTAL HEALTH

APPLICATION FOR SOIL INVESTIGATION

1) NAME OF OWNER BOB McLEMORE CO. INC.
(LAST FIRST MIDDLE)

2) ADDRESS OF OWNER PO BOX 2574C CHAR ZIP 28212

3) PHONE NO. Home —— Office 545-6111

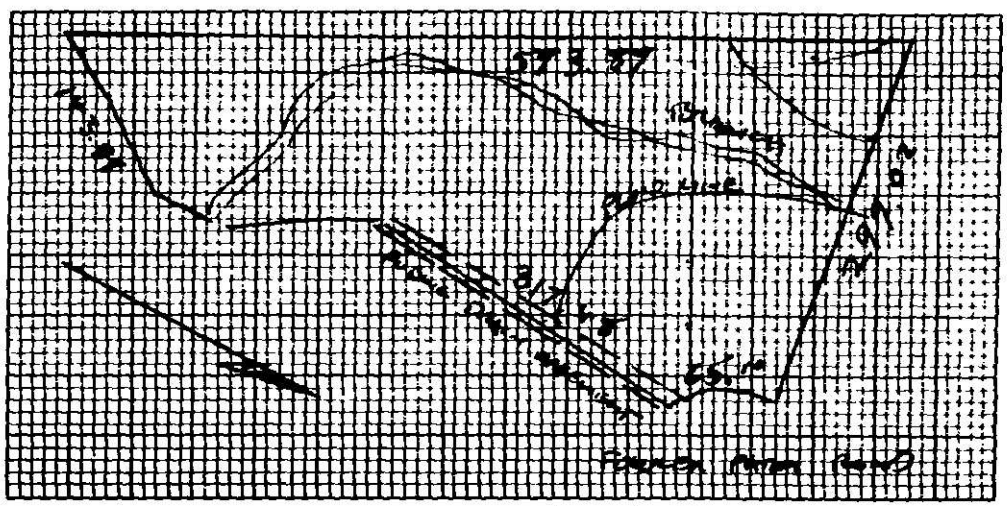
4) LOCATION OF PROPERTY 5101 FOWLER FARM ROAD
(STREET OR COUNTY ROAD)

5) SUBDIVISION FARMWOOD SEC #20 LOT NO. 14 BLOCK NO. W

MAP BOOK NO 20 PAGE NO. 611

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

BOB McLEMORE CO. INC.
OWNER

8-9-84

EHD-5-76

Environmental Health Department's Copy

MECKLENBURG COUNTY
Department of Environmental Health

FILE NO. 21308

DATE 11-5-84

Bob McLemore Company
P.O. Box 25746
Charlotte, NC 28212

Re: Property located at 5101 Fowler Farm Road, TC PO 135-391-99

Dear Sir:

At your request a soils investigation was conducted on the property designated above. Results of this investigation, showed the site to be classified unsuitable for the installation of a ground absorption sewage disposal system. A copy of the site evaluation report is enclosed for your information.

North Carolina General Statute 130A-335 and 10 NCAC 10A .1948 (c) provides that:

> Sites originally classified as UNSUITABLE may be used for soil absorption disposal systems, provided engineering, hydrogeologic, and soil studies indicate to the local health department that a suitable septic tank system or a suitable alternate system can reasonably be expected to function satisfactorily. Such sites may be reclassified as PROVISIONALLY SUITABLE upon submission to the local health department and when requested by the local health department to the state agency of the following:
>
> (1) Adequate substantiating data to indicate that a ground absorption system can be installed so that the effluent will receive adequate treatment;
>
> (2) Adequate substantiating data to indicate that the effluent will not contaminate any drinking water supply, ground water used for drinking water, or any surface water;
>
> (3) Adequate substantiating data to indicate that the effluent will not be exposed on the ground surface or be discharged to surface waters where it could come in contact with people, animals, or vectors.

Upon receipt of a request for reclassification as provided for above, the submission of plans and specifications for an applicable sewerage treatment system, and the approval of such system as submitted, the department will issue the appropriate permits.

If I may be of any assistance, please feel free to call.

Sincerely,

Bill D. Hardister, Jr.

Bill D. Hardister, Jr.
Environmental Health Supervisor

Enclosure

.C. S., Inc.

Septic Tank Installation & Service

5101 Fowler Farm Rd.
file # 21308

Stallard Street
Post Office Box 708
Monroe, North Carolina 28110
Phones: 704-283-7539 or 376-8358

12' TDH

Pump requirements 36.36 gpm, 11.18 ft. of head
Storage vol. in laterals 54 gal
Storage vol in supply line 8.1 gal
Total storage vol. 62.1 gal
Dosing vol. 240 gal.
Dosing depth 11.5 inches Verify on site
Check valve needed? no

Line	Pressure Head	Flow Rate/Hole	No. Holes	gpm/ft	Flow Rate/Line	gpm/ft	Bird Hole	Hole Spacing
1	2'	.41	4/8	0.063	3.28	3.12	30"	7'
2	2'5"	.46	4/8	0.063	3.68	3.48	30"	8'
3	2'10"	.48	5/10	0.064	4.8	4.5	33"	8'
4	3'5"	.54	4/8	0.058	4.32	4.5	45"	10' 10'9"
5	2'	.41	6/12	0.062	4.92	4.8	30"	7'
6	2'5"	.46	5/10	0.056	4.60	4.8	36"	8.6'
7	2'9"	.48	6/12	0.064	5.76	5.4	30"	8'
8	3'	.50	5/10	0.056	5.0	5.4	30"	10'
					36.36	36.16		

2 Fields. Each field to be preceded by a gate valve.

R. C. S., Inc.

Septic Tank Installation & Service

Stafford Street
Post Office Box 708
Monroe, North Carolina 28110
Phones: 704-283-7539 or 376-6889

Bob McLemore Homes
5101 Fowler Farm Road
Lot 14-W, File # 2130B
Fernwood

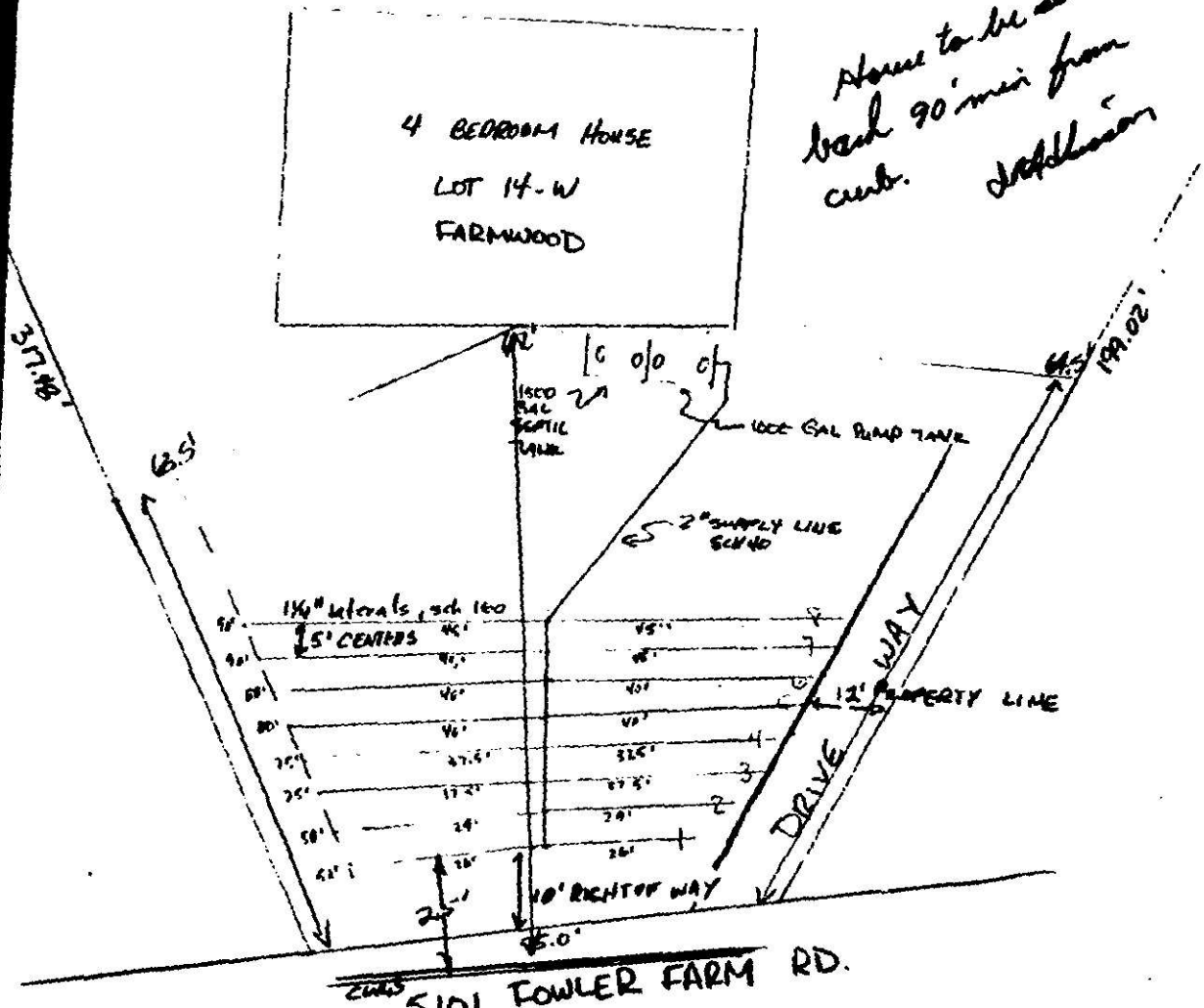
Daily wast flow	600 gal
Septic tank size	1500 gal.
Pump tank size	1000 gal.
Effluent loading rate	.20 gal/ft²/day
Absorption area	3000 ft²
Total length of laterals	600 ft.
Lateral diameter	1¼ in, sch 160
Lateral configuration	see chart, 8 lines x various feet
Supply line length	50 ft.
Supply line diameter	2 in, sch 40
Manifold placement	center
Hole size	5/32 in
Hole spacing	see chart
Number of holes	78 holes
Pressure head	see chart
Flow per hole	see chart
Total flow	36.36 gpm
Elevation head	7 ft.
Friction head	1.18 ft. est 1.5
Pressure head	3 ft. 3.5'
Total head	11.18 ft 12'

.C. S., Inc.

Septic Tank Installation & Service

Bob McLemore Homes
5101 Fowler Farm. RD.
Lot 14-W, File # 21308

Stafford Street
Post Office Box 708
Monroe, North Carolina 28110
Phones: 704-283-7538 or 376-8358



DEPARTMENT OF ENVIRONMENTAL HEALTH
MECKLENBURG COUNTY, NORTH CAROLINA

SITE EVALUATION

S.I.R. NO. 21308

T.C. NO. PO 135-391-84

(Ground Absorption Sewage Disposal)

OWNER: Bob McLemore Co.
ADDRESS: PO Box 25746 Charlotte 28212
PLAT NO:
LOT SIZE: 1+
LOCATION OF SITE: 5101 Fowler Farm Rd

FACTORS	AREA 1	AREA 2	AREA 3	AREA 4
1. SLOPE (%)	S (PS) U Cecil 2-15	S (PS) U 1-2	S PS U	S PS U
2. SOIL TEXTURE (12-36 inches) Sandy, Loamy, Clayey (Note 2-1 Clay)	S (PS) U Clay	S (PS) U Clay Loam	S PS U	S PS U
3. SOIL STRUCTURE (12-36 inches)	S (PS) U Blocky	S (PS) U Blocky	S PS U	S PS U
4. SOIL DEPTH (inches)	S PS (U) 36-45	S PS (U) 30-36	S PS U	S PS U
5. RESTRICTIVE HORIZONS (Inches) (Impervious strata, Rock)	S (PS) U None	S PS (U) None	S PS U	S PS U
6. SOIL DRAINAGE/GROUNDWATER (external and internal)	S (PS) U Adequate	S PS (U) Inadequate	S PS U	S PS U
7. OTHER (Specify)	S PS (U) Wetness 42"	S PS U	S PS U	S PS U
8. SOIL GROUP	IVa	IVal		
9. SITE CLASSIFICATION	Unsuitable	Unsuitable		
10. SOIL SERIES	Cecil	Monacan Floodplain		

S - Suitable PS - Provisionally Suitable U - Unsuitable

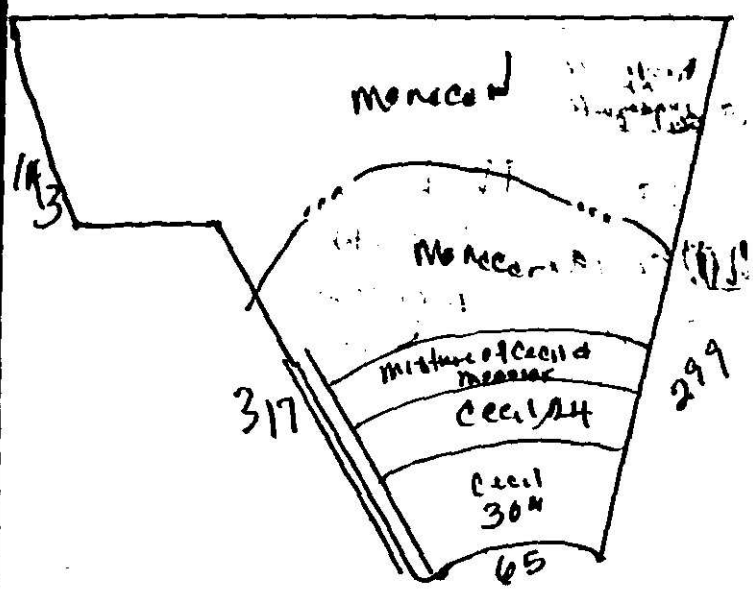
**See Diagram on Back (includes: soil areas, property lines, roads, streams, gullies, wet areas, fill areas, wells, water bodies, slopes)

Recommendations/Comments:

Described by: W. B. Ramsey
Title: Soil Scientist

Date: 11-2-84

28


Monacan
Monacan
Mixture of Cecil & Pacolet
Cecil 24
Cecil 30+
317
299
65
Power Farm Rd

RETURN TO: Department of Environmental Health 1200 Blythe Blvd. Charlotte, NC 28203

185

PRESENTED FOR REGISTRATION
APR 18 3 40 PM '85
CHARLES E. CROWDER
REGISTER OF DEEDS
MECKLENBURG CO. N.C.

REAL ESTATE BOOK PAGE
5004 0537

FILE NO. 21308

STATE OF NORTH CAROLINA
COUNTY OF MECKLENBURG

ACKNOWLEDGEMENT OF REQUEST BY OWNER FOR RECLASSIFICATION OF SITE FROM "UNSUITABLE" TO "PROVISIONALLY SUITABLE" UNDER 10 NCAC 10A .1948(c)

The undersigned, Robert V. McLemore, President of Bob McLemore & Co., Inc.,

owner of property located at Lot #14-W, 5101 Fowler Farm Rd., Farmwood, Section #20,

("the site") and described in an instrument recorded in Book 4647 at Page 935, Mecklenburg Public Registry, hereby acknowledges that he applied to the Mecklenburg County Department of Environmental Health ("the Department") for a permit to install a septic tank sewage disposal system on the site; that the Department evaluated the site for suitability for such a system in accordance with the regulations promulgated by the North Carolina Commission for Health Services as 10 NCAC 10A .1934 et seq; that the Department originally classified the site as "unsuitable" pursuant to the standards set forth in the regulations; that the undersigned requested pursuant to 10 NCAC 10A .1948(c) that the Department reclassify the site as "provisionally suitable" in light of the particular septic tank system proposed by the undersigned; that the Department considered various studies, data and other information which indicate to the Department that the septic tank system proposed by the undersigned can reasonably be expected to function satisfactorily and thus that the findings specified in 10 NCAC 10A .1948(c)(1), (2), and (3) can be made; and that the Department therefore reclassified the site as "provisionally suitable" and issued appropriate permit for such proposed septic tank system.

The undersigned further acknowledges that the proper design, construction, operation 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 any damages of any kind which are caused, or which may be caused, by a malfunction of such system.

The undersigned further agrees for himself, his heirs and assigns that he shall indemnify and hold harmless the Department, its employees and officials, as well as Mecklenburg County and its employees and officials, 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.

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.

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

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 names 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.

This 17th day of April, 19 85

Attested By: Billy E. Coggins
Assistant Secretary

Prepared By: _____ (SEAL)
Robert V. McLemore, President
Bob McLemore & Co., Inc.
_____ (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 _____, 1984.

_____
Notary Public

My Commission Expires: _____

FEE 5.00
( ) 5.00
CASH 5.00

9:06 #6170 000

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. Coggins, Asst. Secretary.

WITNESS my hand and notarial seal, this 17th day of April, 1984. 1985

Kristy McLemore (Carriker)
Notary Public

My Commission Expires: 12/08/87

REAL ESTATE
800X PAGE
5004 0538

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 18 day of April 19 85.
Charles E. Crowder, Register of Deeds, By: Mary R Rice
DEPUTY

MECK COUNTY DEPARTMENT OF
RECEIVED
APR 25 1985
ENVIRONMENTAL HEALTH

Date Received 2-15-85

RECEIVED
[illegible] 1 [illegible]
ENVIRONMENTAL HEALTH

CAR(S) Application No. 21308

T. C. No. PO-135-391-99

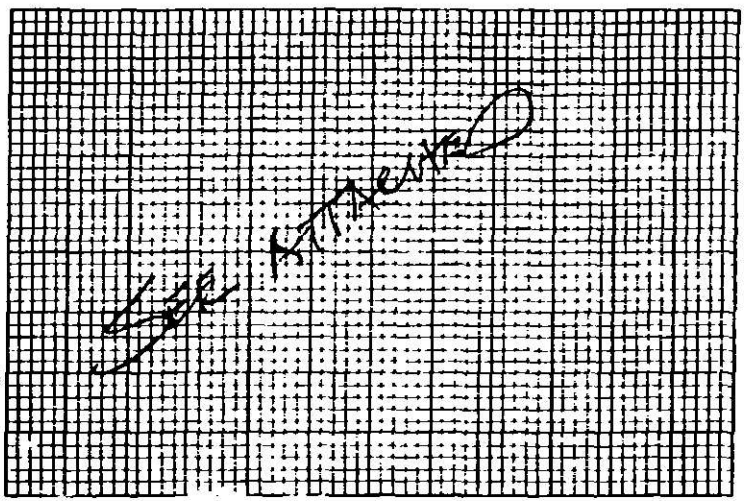
Map Date L CRT

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 4
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. INC.
LAST FIRST MIDDLE

14) ADDRESS OF OWNER PO BOX 25746 CHAR 28212

15) PHONE NO. Home — Office 545-6111

16) LOCATION OF SYSTEM 5101 FOWLER FARM ROAD
STREET OR COUNTY ROAD

17) SUBDIVISION FARMWOOD SECT #20 Lot No. 14 Block No. W

Map Book No. 20 Page No. 611

18) DEED REFERENCE — DEED BOOK ____ AT PAGE ____

19) HAS A SOIL INVESTIGATION BEEN RUN? ✓ YES ____ NO DATE RUN 11-5-84

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.

2-15-85
DATE OF APPLICATION

BOB McLEMORE Co. INC
OWNER

BY [signature]

BHD-5-76

Environmental Health Department's Copy

Date Issued 4-22-85

Serial No. 8434

SIR No. 21308

T. C. No. PO 135-391-99

Map Date L CEL

MECKLENBURG COUNTY
DEPARTMENT OF ENVIRONMENTAL HEALTH

[illegible] PERMIT

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 5101 Fowler Farm Road
STREET OR COUNTY ROAD

SUBDIVISION _____ LOT NO 14 BLOCK NO. W

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 21308. 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 TILE ***

Environmentalist

John R Atkinson
Environmental Health Director, or Authorized Section Head

EHB-5-76

Environmental Health Department's Copy

Date Issued 8-16-85

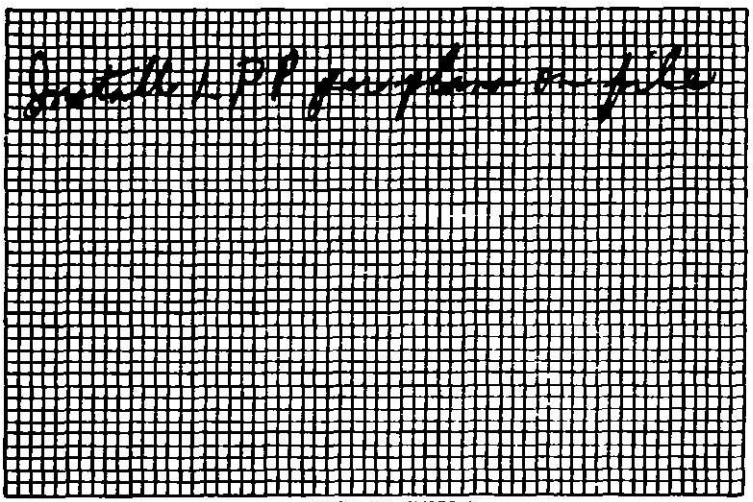
Serial No. 08437

ICAR (S) Permit No. 21308
P.C. No. 135-391-99

Map Date 2

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 21308, dated 2-15-85 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 9-16-85, after which date this permit shall be null and void.



PLOT OF SYSTEM

Permeability Rate IV A

Liquid Capacity of Tank 1500+1000

Tank Construction PCC

Absorption and/or Nitrification Lines:

Total Line Length 600'

Number of Lines 8

Distance from House 5'

Distance from Property Line 10'

Distance from Well Comm.

NAME OF OWNER Bob McLemore

LOCATION OF PROPERTY 5101 Fowler Farm 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.

Comments:

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

C of A (s) No. 21308

Date Issued 9-3-85 Serial 7800 P.O. T. C. No. 135-391-99 L CRT

MECKLENBURG COUNTY
DEPARTMENT OF ENVIRONMENTAL HEALTH
OPERATION PERMIT

CERTIFICATE OF APPROVAL
(Individual Septic Tank System with Subsurface, Soil Absorption, Effluent Discharge)

Name of Owner McLemore (LAST) Bob (FIRST) (MIDDLE)

Location of Property 5101 Fowler Farm Rd.

Application Number — Permit Number —

Inspection Data:

Liquid Capacity of Tank 1500 + 1000 Tank Material PVC

Total Length of Drain Tile 600 Number of Lines 8

Depth of Filter Material 8" Cover Depth 10"

Water Supply Source Comm. Distance from Water Source —

Excavation Inspected 9-3-85 (DATE) Tank Inspected 9-3-85 (DATE)

Nitrification Field Inspected 9-3-85 (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: 1985, 1500 ST, 1000 DT, PI, LPP, 3000 SF, 8 E, Cecil

B. R. Ferguson
Environmentalist

EHD-S-76

Environmental Health Department's Copy