Date Received 8-13-84

RECEIVED
AUG 13 1984
ENVIRONMENTAL HEALTH

SIR No. 21339
T. C. No. PO 135-391-99
Map Date L

MECKLENBURG COUNTY
DEPARTMENT OF ENVIRONMENTAL HEALTH

APPLICATION FOR SOIL INVESTIGATION

1) NAME OF OWNER B&B McLEMORE CO. INC.

2) ADDRESS OF OWNER (LAST) PO Box 25746 (FIRST) CHAR (MIDDLE) ZIP 28212

3) PHONE NO. Home ——— Office 545-6111

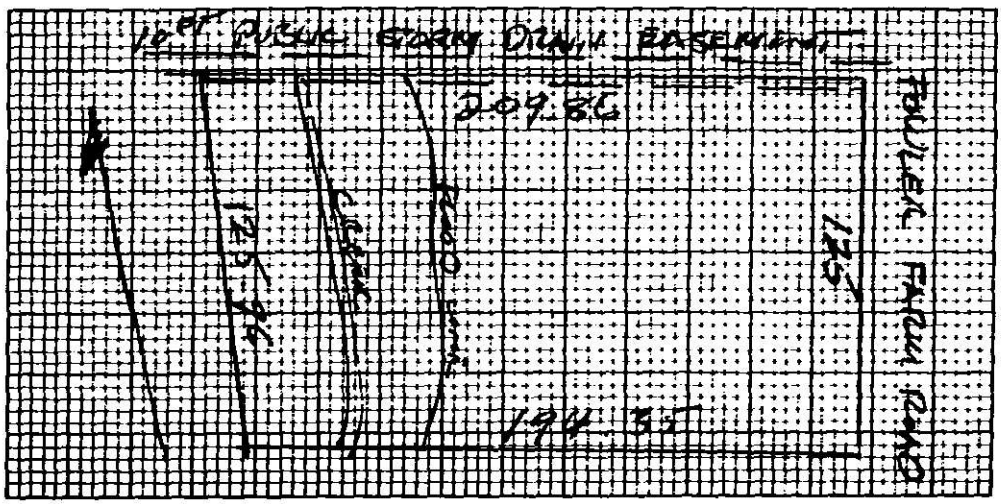
4) LOCATION OF PROPERTY 5321 FOWLER FARM ROAD (STREET OR COUNTY ROAD)

5) SUBDIVISION Fairwood Sec #20 LOT NO. 26 BLOCK NO. W

MAP BOOK NO 20 PAGE NO. 612

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

B&B McLEMORE CO INC
OWNER
7-25-84

EHB-5-76

Environmental Health Department's Copy

DEPARTMENT OF
ENVIRONMENTAL HEALTH
MECKLENBURG COUNTY,
NORTH CAROLINA

SITE EVALUATION

S.I.R. NO. 21339

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

(Ground Absorption Sewage Disposal)

OWNER: Bob McLemore Co. Inc. PLAT NO: 28-W
ADDRESS: PO Box 23746 LOT SIZE: 2.5, 250 .58
Charlotte, N.C. 28212
LOCATION OF SITE: 5321 Tuckle Farm Road

FACTORS	AREA 1	AREA 2	AREA 3	AREA 4
1. SLOPE (%)	S 10-20% / PS / U	S Complex / PS / U Slopes	S / PS — / U	S / PS / U
2. SOIL TEXTURE (12-36 inches) Sandy, Loamy, Clayey (Note 2-1 Clay)	S / PS Some 2-1 Clay / U	S / PS Some 2-1 Clay / U	S / PS — / U	S / PS / U
3. SOIL STRUCTURE (12-36 inches)	S / PS Blocky / U	S / PS Blocky / U	S / PS — / U	S / PS / U
4. SOIL DEPTH (inches)	S / PS 18-20" / U	S / PS <36" / U	S — / PS / U	S / PS / U
5. RESTRICTIVE HORIZONS (Inches) (Impervious strata, Rock)	S / PS <36" / U	S / PS <36" / U	S / PS — / U	S / PS / U
6. SOIL DRAINAGE/GROUNDWATER (external and internal)	S / PS >36" / U	S / PS Eroded Areas Channel Runoff / U	S / PS Drainage-way / U Depression	S / PS / U
7. OTHER (Specify)	S / PS / U	S / PS / U	S / PS / U	S / PS / U
8. SOIL GROUP	10 A	10 A	—	
9. SITE CLASSIFICATION	unsuitable	unsuitable	unsuitable	
10. SOIL SERIES	Parcel Wilkies	Complex slopes	Drainageway Depression	

S - Suitable PS - Provisionally Suitable U - Unsuitable

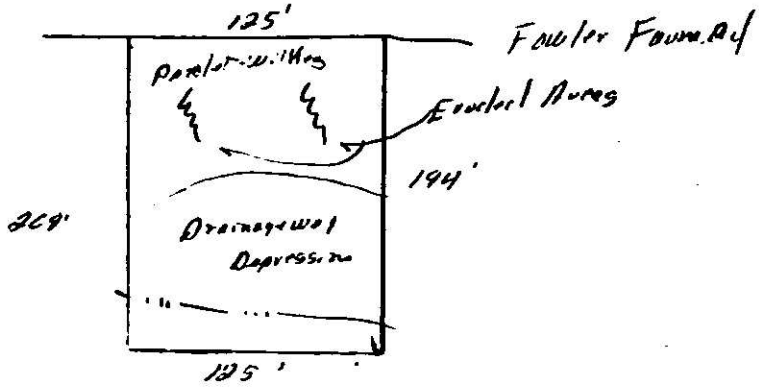
**See Diagram on Back (includes: soil areas, property lines, roads, streams, gullies, wet areas, fill areas, wells, water bodies, slopes)

Recommendations/Comments:

Described by: William A. Martin
Title: Soil Scientist

Date: 9-24-84

2d


125'
Fowler Foundry
Potato-Wilkes
Eroded Areas
194'
269'
Drainage-Wet
Depression
125'

MECKLENBURG COUNTY
Department of Environmental Health

FILE NO. 21339

DATE 9-25-84

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

Re: Property located at 5321 Fowler Farm Road

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 followings:
>
> (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.

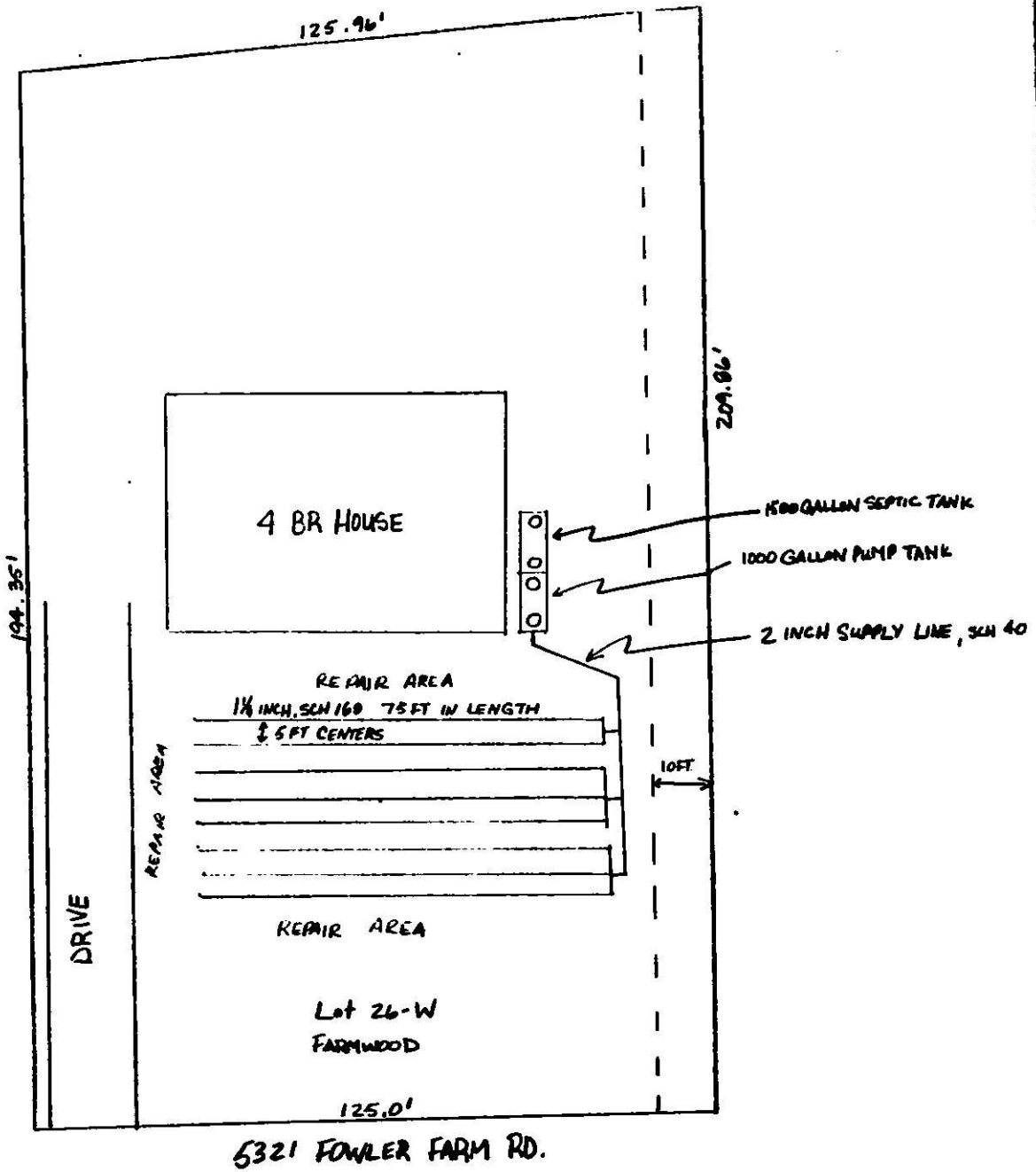
Sincerely,

Bill D. Hardister Jr.

Bill D. Hardister, Jr.
Environmental Health Supervisor

Enclosure

LOT 26-W FARMWOOD
5321 FOWLER FARM ROAD
FILE NO. 21339
1" = 25'



5321 FOWLER FARM RD.

R. C. S., Inc.

Septic Tank Installation & Service

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

Bob McLemore Homes
Lot 26-W Farmwood
5321 Fowler Farm Rd.
File No. 21339

Daily waste flow	600 gal
Septic tank size	1500 gal
Pump tank size	1000 gal
Effluent loading rate	0.20 gal/ft 2/day
Absorption area	3000 ft 2
Total length of laterals	600 ft
Lateral diameter	1¼ in, sch 160
Lateral configuration	8 x 75 ft lines
Supply line length	50 ft
Supply line diameter	2 in, sch 40
Manifold placement	side
Hole size	5/32 in
Hole spacing	see chart
Number of holes	104
Pressure head	see chart
Flow per hole	see chart
Total flow	48.22 gpm
Elevation head	9 ft
Friction head	2.4 ft
Pressure head	3 ft
Total head	14.4 ft
Pump requirements	48.22 gpm at 14.4 ft of head
Storage volume in laterals	54 gal
Storage volume in supply line	8.1 gal
Total storage volume	62.1 gal
Dosing volume	200 gal
Dosing depth	9.6 in
Check valve needed?	no

Line	Pressure Head	Flow/Hole	No. Holes	Flow Rate/Line	Hole Spacing	First Hole
1	2 ft	.41 gpm	15	6.15 gpm	~~4.7~~ ft 5'0"	30 in
2	2 ft 8 in	.47	13	6.11	~~5.4~~ 5'10"	"
3	3 ft 8 in	.55	11	6.05	~~5.5~~ 7'0"	"
4	2 ft	.41 gpm	15	6.15 gpm	~~4.7~~ ft 5'0"	30 in
5	3 ft	.50	12	6.0	~~5.8~~ 6'4"	"
6	3 ft 8 in	.55	10	5.50	~~7~~ 7'9"	"
7	2 ft	.41 gpm	15	6.15 gpm	~~4.7~~ ft 5'0"	30 in
8	2 ft 8 in	.47	13	6.11	~~5.4~~ 5'10"	"

Date Received 3-11-85

RECEIVED

Application No. 21339

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

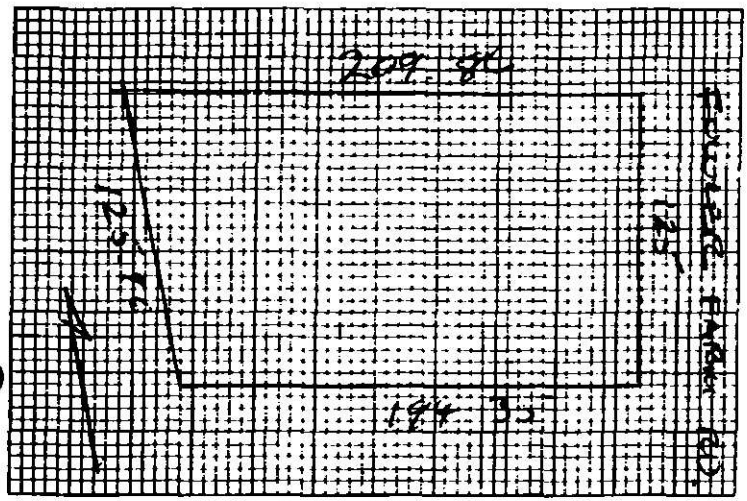
Map Date

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 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 CHARLOTTE NC 28212

15) PHONE NO. Home ___ Office 545-6111

16) LOCATION OF SYSTEM 5321 FOWLER FARM ROAD
(STREET OR COUNTY ROAD)

17) SUBDIVISION FAIRWOOD SEC #20 Lot No. 26 Block No. W

Map Book No. 20 Page No. 612

18) DEED REFERENCE — DEED BOOK ___ AT PAGE ___

19) HAS A SOIL INVESTIGATION BEEN RUN? ✓ YES ___ NO DATE RUN 9-25-84

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.

2-27-85
DATE OF APPLICATION

BOB McLEMORE CO. INC.
OWNER

By: [signature]

ENB-S-76

Environmental Health Department's Copy

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

March 11, 1985

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

Reference: 5109 Fowler Farm Road
5221 Fowler Farm Road
6047 Gold Wagon Road

Dear Mr. Sheperd:

Receipt of the alternate system plans of liquid waste disposal proposed for installation on the above referenced sites, is hereby acknowledged. Upon receipt of the plans, a review was made of the soil evaluation reports on file. Additional site evaluations were conducted, and the plans were then reviewed in conjunction with the provisions of 10 NCAC 10A ,1900, Laws And Rules For Sanitary Sewage Collection, Treatment, And Disposal. Our comments are listed below:

5109 Fowler Farm Road (SIR 21309)

The plan appears to meet criteria addressing LPP installations with the modifications indicated on the attached copies. Should these modifications meet your approval, please complete and return the enclosed agreement form and an Improvement Permit will be issued.

6047 Gold Wagon Road (SIR 21044)

The site does not meet specifications requiring an area equal in size to the original installation, to serve as a repair area.

5321 Fowler Farm Road (SIR 21339)

The system as presented would cross an area of complex slopes. This site is unsuitable for such an installation.

If there are any questions regarding this matter, please contact me at 376-4603.

Sincerely,

Bill D. Hardister, Jr.
Environmental Health Supervisor
On Premises Waste Disposal Section

BDH/kbg

cc: File 21309
File 21044
File 21339
Enclosure