Date Received 8-13-84

RECEIVED
AUG 13 1984
ENVIRONMENTAL HEALTH

SIR No. 2134
T. C. No. PO 135-391-99
Map Date I

MECKLENBURG COUNTY
DEPARTMENT OF ENVIRONMENTAL HEALTH

APPLICATION FOR SOIL INVESTIGATION

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

2) ADDRESS OF OWNER PO BOX 25746 CHAR ZIP 28212

3) PHONE NO. Home ——— Office 545-6111

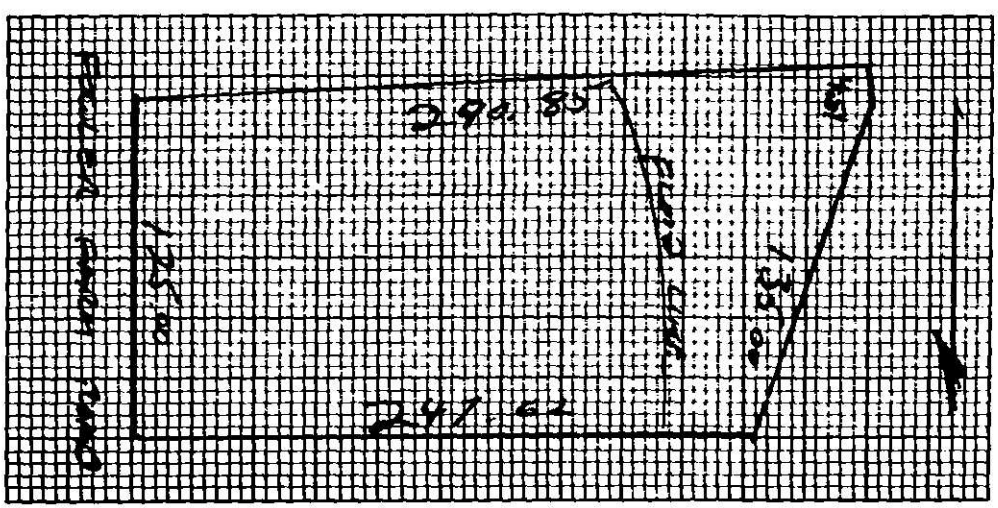
4) LOCATION OF PROPERTY 5211 FOWLER FARM ROAD (STREET OR COUNTY ROAD)

5) SUBDIVISION ~~FAIRWOOD~~ SEC #20 LOT NO. 20 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
8-8-84

EHB-S-76

Environmental Health Department's Copy

DEPARTMENT OF
ENVIRONMENTAL HEALTH
MECKLENBURG COUNTY,
NORTH CAROLINA

SITE EVALUATION

S.I.R. NO. 81314

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

(Ground Absorption Sewage Disposal)

OWNER: Bob McLemore Co. Inc.
ADDRESS: PO Box 25746
Charlotte, N.C. 28212
LOCATION OF SITE: 5211 Fowler Farm Road

PLAT NO: 20-W
LOT SIZE: Approx 33,500

FACTORS	AREA 1	AREA 2	AREA 3	AREA 4
1. SLOPE (%)	S PS 2-10% U	S PS complex U slopes	S PS U —	S PS U
2. SOIL TEXTURE (12-36 inches) Sandy, Loamy, Clayey (Note 2-1 Clay)	S PS clay U	S PS — U	S PS — U	S PS U
3. SOIL STRUCTURE (12-36 inches)	S PS Blocky U	S PS — U	S PS — U	S PS U
4. SOIL DEPTH (inches)	S PS 36-30" U	S PS — U	S PS — U	S PS U
5. RESTRICTIVE HORIZONS (Inches) (Impervious strata, Rock)	S PS >36" U	S PS — U	S PS — U	S PS U
6. SOIL DRAINAGE/GROUNDWATER (external and internal)	S PS >36" to ground water U	S PS Eroded Areas U channel runoff	S PS Drainage way U Area	S PS U
7. OTHER (Specify)	S PS Restricted Area U	S PS U	S PS U	S PS U
8. SOIL GROUP	IVA	—	—	
9. SITE CLASSIFICATION	unsuitable	unsuitable	unsuitable	
10. SOIL SERIES	Cecil-Litte	Complex Slopes	Drainageway Area	

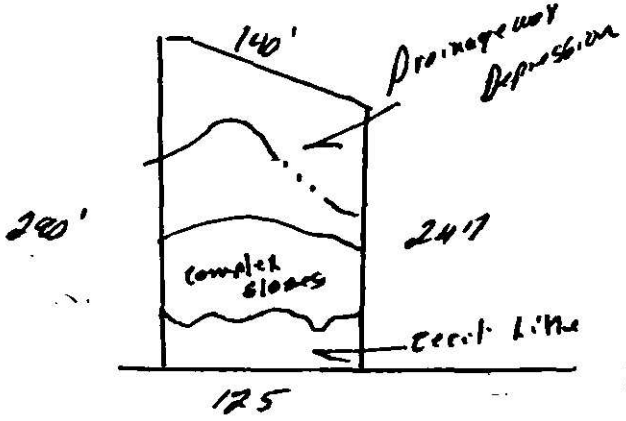
S - Suitable PS - Provisionally Suitable U - Unsuitable

**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. Maslin
Title: Soil Scientist

Date: 11-2-84



Fowler Formula

MECKLENBURG COUNTY
Department of Environmental Health

FILE NO. 21314

DATE 11-2-84

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

Re: Property located at 5211 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 contribute to 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.
Environmental Health Supervisor

Enclosure

APPLICATION FOR AN IMPROVEMENT PERMIT

MECKLENBURG COUNTY · ENVIRONMENTAL HEALTH

1200 BLYTHE BOULEVARD
CHARLOTTE, NC 28203
PHONE (704) 376-4603

(OFFICE USE ONLY)

FILE: 21314

TC: M 135-376-[illegible]

L

COUNTY DEPARTMENT OF
RECEIVED
NOV 1 1985
ENVIRONMENTAL HEALTH

JOB LOCATION

① ADDRESS: 5211 (STREET NO.) Fowler Farm Rd (STREET) ② FILE:

③ CITY: Charlotte ④ TAX PARCEL NO.:

⑤ SUBDIVISION: Farmwood Section 20 ⑥ LOT: 20 ⑦ BLOCK: W

OWNER

⑧ NAME: Bob McLemore & Co., Inc. (FIRST) (MIDDLE) (LAST)

⑨ MAILING ADDRESS: P.O. Box 25746

⑩ CITY: Charlotte, ⑪ STATE: NC ⑫ ZIP: 28212

⑬ PHONE: (WORK) ⑭ (HOME)

REQUEST

This request is for a(n):

⑮ ☑ New installation permit ⑰ ☐ Authorization for mobile home exchange

⑯ ☐ Repair or alteration permit ⑱ ☐ Other (specify)

DESIGN CRITERIA

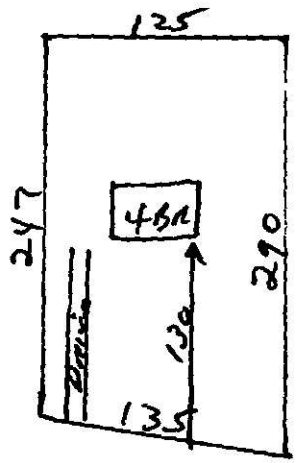
System will serve:

⑲ ☑ Residence ⑳ ☐ Mobile home ㉑ ☐ Business or place of public assembly

㉒ Number of bedrooms? 4 BR ㉕ Type?

㉓ Maximum occupancy? ㉖ Maximum number of employees?

㉔ Basement? ☐ yes ☐ no ㉗ Maximum number of seats?



㉘ Accurately dimensioned plot

WATER SUPPLY

㉙ Water supply from (present or proposed):

A ☐ Individual well

B ☐ Municipal system

C ☑ Community well

D ☐ Community system

㉚ The undersigned, owner of the property described above as the "JOB LOCATION" has read the foregoing application, acknowledges that the contents of same are true, and authorizes agents of the MECKLENBURG COUNTY DEPARTMENT OF ENVIRONMENTAL HEALTH to enter onto the property for the purpose of processing this request.

Signed: Bob McLemore Co. Inc.
By [illegible]

Date: 10/31/85

WHITE - ENVIRONMENTAL HEALTH DEPARTMENT'S COPY ● CANARY - ENVIRONMENTALIST'S COPY ● PINK - OWNER'S COPY

R. C. S., Inc.

Stafford Street
Post Office Box 708
Monroe, North Carolina 28110
Phones: 704-283-7539 or 376-9359

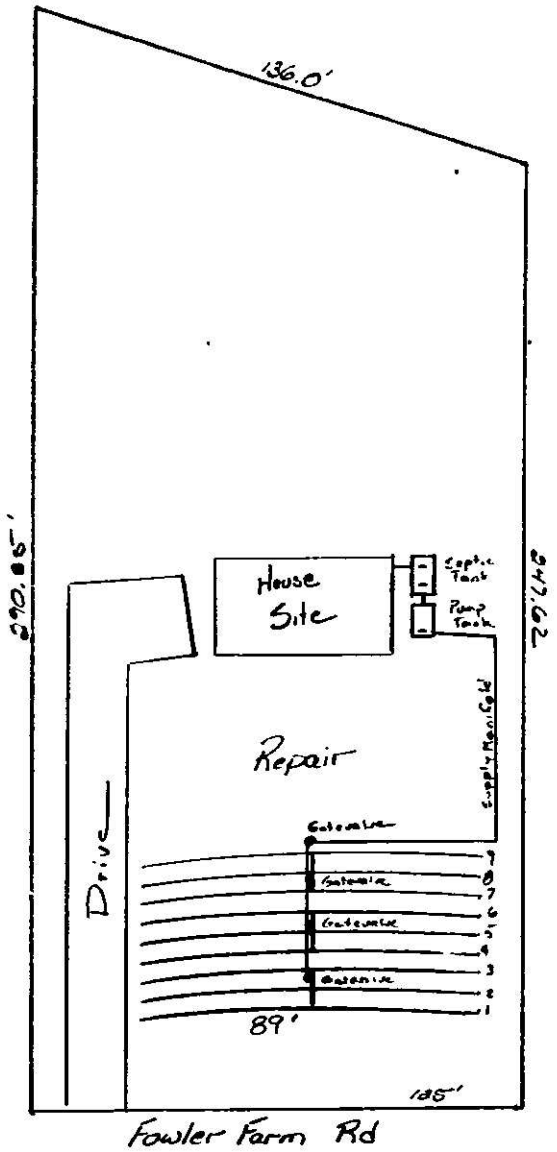
JOB Lot #20 Farmwood Sec 20

SUBDIVISION Block W OF

CALCULATED BY Ken Robertson DATE

CHECKED BY DATE

SCALE 1" = 40'



Lot # 20, Farmwood, Sec 20

R. C. S., Inc.

FILE NUMBER 21314 Block W

NAME Bob McLemore + Co., Inc

LPP System Design Specifications

Daily waste flow 480 gal

Septic tank size 1500 gal

Pumping tank size 1000 gal

Effluent loading rate .12

Absorption area 4005 ft²

Total lateral length 800 ft

Lateral diameter 1¼ in PVC sch. 160

Lateral Configuration 89 ft x 45 ft

Supply line length 150 ft

Supply line diameter 2 in PVC sch 40

Manifold placement center

Check valve required? No

Total flow 48.08 gal

Elevation head 16 ft

Friction head 6.7 ft

Pressure head 2 ft

Total head 24.7 ft

Pump requirements 48.08 gal at 24.7 ft

Lateral storage volume 72 gal

Supply line storage volume 13.5 gal

Total storage volume 85.5 gal

Dosing volume 360 gal

Dosing depth 18 inches

RCS to state site for evaluation
BDH
11-12-85

==========DRAINFIELD DESIGN ==========

LINE NO.	HOLE SIZE	NO. HOLES	HEAD PRESS.	FLOW/ HOLE 7.5m	HOLE SPACING		
1	5/32	16	2.0'	.41	4.9'	6.56	
2	5/32	14	2.6'	.46	5.6'	6.44	
3	5/32	12	3.0'	.50	6.6'	6.0	
4	5/32	14	2.0'	.41	5.6'	5.74	
5	5/32	12	2.4'	.44	6.6'	5.28	
6	5/32	10	2.8'	.48	7.9'	4.80	
7	5/32	12	2.0'	.41	6.6'	4.92	
8	5/32	10	2.5'	.45	7.9'	4.5	
9	5/32	8	2.8'	.48	9.9'	3.84	