Date Received 8-13-84

MECK COUNTY DEPARTMENT OF
RECEIVED
AUG 13 1984
ENVIRONMENTAL HEALTH

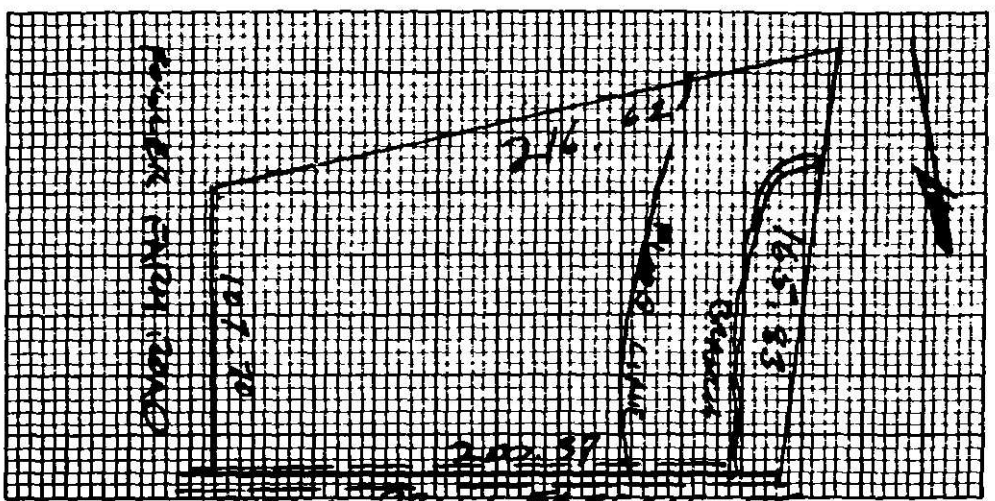
SIR No. 21316
T. C. No. PO 135-391-99
Map Date 2

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 25746 CHM ZIP 28212
3) PHONE NO. Home ——— Office 545-6111
4) LOCATION OF PROPERTY 5231 FOWLER FARM ROAD
(STREET OR COUNTY ROAD)
5) SUBDIVISION ~~PARKWOOD SEC~~ #20 LOT NO. 22 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-5-76

Environmental Health Department's Copy

DEPARTMENT OF
ENVIRONMENTAL HEALTH
MECKLENBURG COUNTY,
NORTH CAROLINA

SITE EVALUATION

S.I.R. NO. 2136

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

(Ground Absorption Sewage Disposal)

OWNER: Bob McLemore Co. Inc.
ADDRESS: PO Box 25746
Charlotte, N.C.

PLAT NO: 22-W
LOT SIZE: [illegible]

LOCATION OF SITE: 5231 Fowler Farm

FACTORS	AREA 1	AREA 2	AREA 3	AREA 4
1. SLOPE (%)	S 2-15% PS U	S PS U complex 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 24-36" 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/ [illegible]	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	16A	—	—	
9. SITE CLASSIFICATION	unsuitable	unsuitable	unsuitable	
10. SOIL SERIES	Parolar-Like	Complex slopes	Drainage way 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 Specialist

Date: 11-8-84

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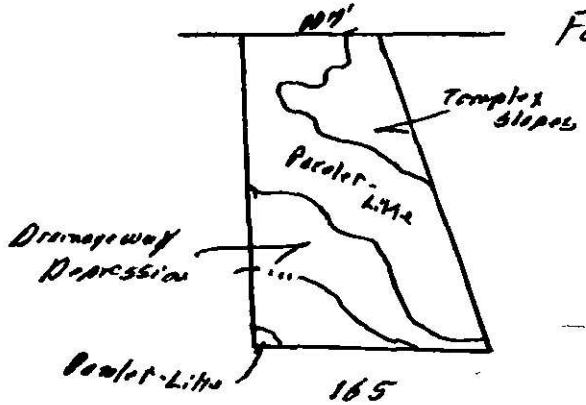
DEPARTMENT OF
ENVIRONMENTAL HEALTH
FORT LAUDERDALE COUNTY
NORTH CAROLINA



MECKLENBURG COUNTY
Department of Environmental Health

FILE NO. 21316

DATE 11-9-84

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

Re: Property located at 5231 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

APPLICATION FOR AN IMPROVEMENT PERMIT

MECKLENBURG COUNTY ENVIRONMENTAL HEALTH

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

(OFFICE USE ONLY)

FILE: 21316

TC: # 135-391-99

L

MECKLENBURG COUNTY DEPARTMENT OF

RECEIVED
NOV 1 1985
ENVIRONMENTAL HEALTH

JOB LOCATION

① ADDRESS: 5231 (STREET NO) Fowler Farm Rd (STREET) ② FILE:

③ CITY: Charlotte ④ TAX PARCEL NO.:

⑤ SUBDIVISION: Farmwood Section 20 ⑥ LOT: 22 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

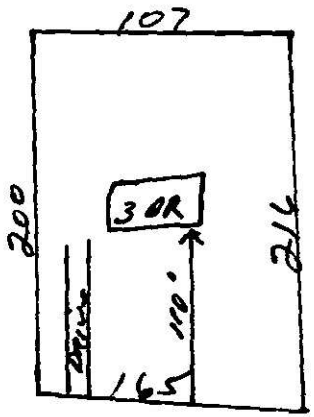
System will serve:

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

㉒ Number of bedrooms? 3 ㉕ Type?

㉓ Maximum occupancy? ㉖ Maximum number of employees?

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



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 COA agent

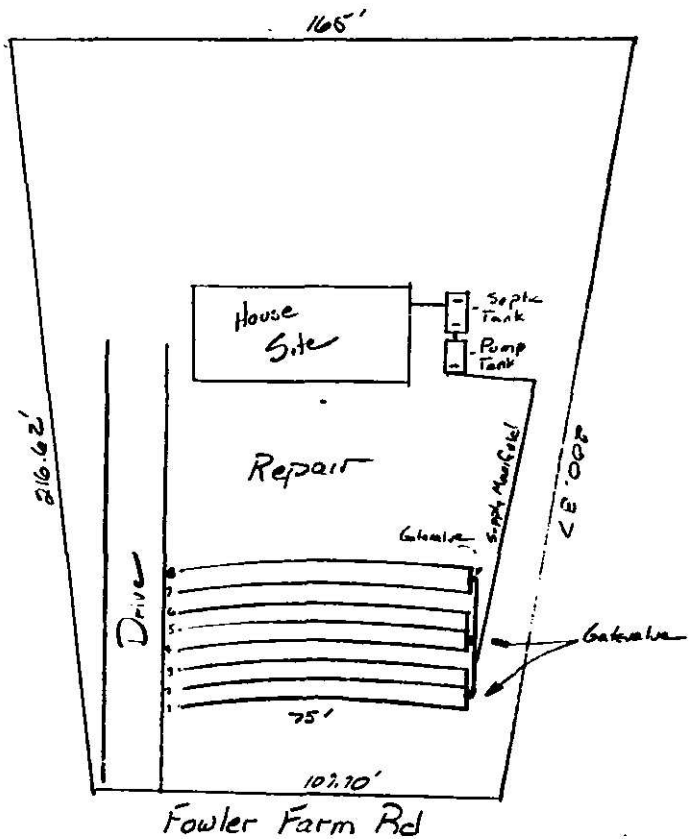
Date: 10/31/85

㉘ Accurately dimensioned plot

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: 704-283-7538 or 376-9358

JOB Lot #22 Farmwood Sec. 20
SURVEYED Block W OF
CALCULATED BY Ken Robertson DATE
CHECKED BY DATE
SCALE 1" = 40'



R. C. S., Inc.

Lot #22 Farmwood, Sec 20 Block W

FILE NUMBER 21316

NAME Cob McLeod + Co., Inc

LPP System Design Specifications

Daily waste flow 360 gal

Septic tank size 1500 gal

Pumping tank size 1000 gal

Effluent loading rate .12

Absorption area 3000 ft²

Total lateral length 600 ft

Lateral diameter 1 1/4 in PVC Sch 160

Lateral Configuration 75 ft x 40 ft

Supply line length 100 ft

Supply line diameter 2 in PVC Sch 40

Manifold placement end

Check valve required? No

Total flow 36.48 gal

Elevation head 13 ft

Friction head 2.46 ft

Pressure head 2 ft

Total head 17.46 ft

Pump requirements 36.48 gal at 17.46 ft

Lateral storage volume 54 gal

Supply line storage volume 16 gal

Total storage volume 70 gal

Dosing volume 270 gal

Dosing depth 15 inches

RCS to ~~stake~~ drainfield + call for valuation.
BLA
11-12-85

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

LINE NO.	HOLE SIZE	NO. HOLES	HEAD PRESS.	FLOW/ HOLE gpm	HOLE SPACING	
1	5/32	14	2.0	.41	5'	5.74
2	5/32	12	2.5	.45	5.8'	5.4
3	5/32	10	2.8	.48	7.0'	4.8
4	5/32	12	2.0	.41	5.8'	4.92
5	5/32	10	2.3	.43	7.0'	4.3
6	5/32	8	2.6	.46	8.8'	3.7
7	5/32	10	2.0	.41	7.0'	4.1
8	5/32	8	2.4	.44	8.8'	3.52