Date Received 8-13-84

SIR No. 21313

T. C. No. Po 135-391-77

Map Date 2

MECKLENBURG COUNTY
DEPARTMENT OF ENVIRONMENTAL HEALTH

APPLICATION FOR SOIL INVESTIGATION

1) NAME OF OWNER BOB McLEMORE CO. INC.

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

3) PHONE NO. Home — Office 545-6111

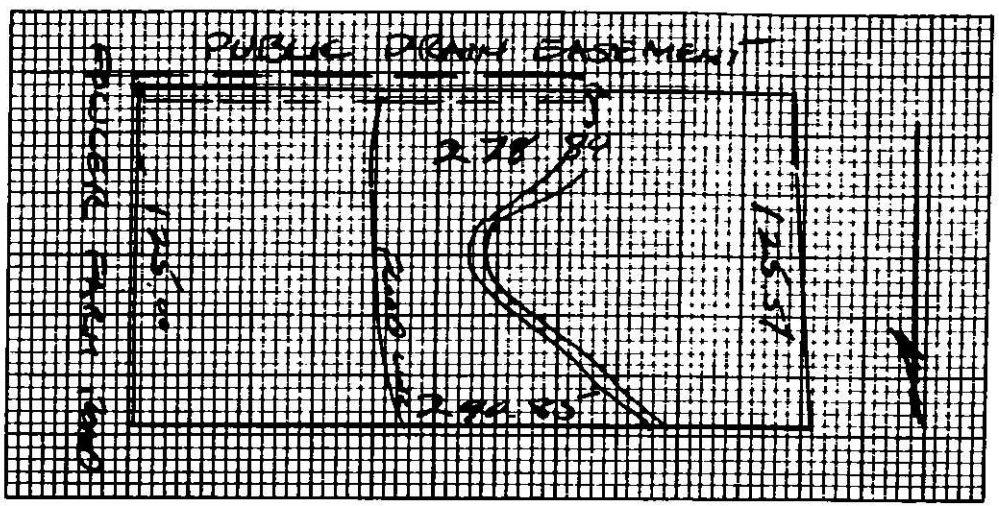
4) LOCATION OF PROPERTY 5201 FOWLER FARM ROAD (STREET OR COUNTY ROAD)

5) SUBDIVISION FARMWOOD SEC #20 LOT NO. 19 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 [signature]

8-8-84

EHD-5-76

Environmental Health Department's Copy

DEPARTMENT OF
ENVIRONMENTAL HEALTH
MECKLENBURG COUNTY,
NORTH CAROLINA

SITE EVALUATION

S.I.R. NO. 81313

T.C. NO. PO135-39144

(Ground Absorption Sewage Disposal)

OWNER: Bob McLemore Co.
ADDRESS: PO Box 25746
Charlotte, N.C. 28212
LOCATION OF SITE: 5201 Fowler Farm Road

PLAT NO: 19-W
LOT SIZE: Approx 39000 SD

FACTORS	AREA 1	AREA 2	AREA 3	AREA 4
1. SLOPE (%)	S PS U (U) complex slopes	S PS U (S) 2-10%	S PS U —	S PS U (S) 2-10%
2. SOIL TEXTURE (12-36 inches) Sandy, Loamy, Clayey (Note 2-1 Clay)	S PS U —	S PS U (PS) Clay	S PS U —	S PS U (PS) Clay
3. SOIL STRUCTURE (12-36 inches)	S PS U —	S PS U (PS) Blocky	S PS U —	S PS U (PS) Blocky
4. SOIL DEPTH (inches)	S PS U —	S PS U (U) 18-30"	S PS U —	S PS U (PS) 36-38"
5. RESTRICTIVE HORIZONS (Inches) (Impervious strata, Rock)	S PS U —	S PS U (U) <36"	S PS U —	S PS U (PS) >36"
6. SOIL DRAINAGE/GROUNDWATER (external and internal)	S PS U (U) Eroded Areas channel runoff	S PS U (PS) >36" To ground water	S PS U (U) Drainage way Dep	S PS U (PS) >36" To groundwater
7. OTHER (Specify)	S PS U	S PS U	S PS U	S PS U (U) Restricted Area
8. SOIL GROUP	—	IVA	—	IVA
9. SITE CLASSIFICATION	unsuitable	unsuitable	unsuitable	unsuitable
10. SOIL SERIES	complex slopes	Pacolet Litle	Drainageway	Cecil Litle

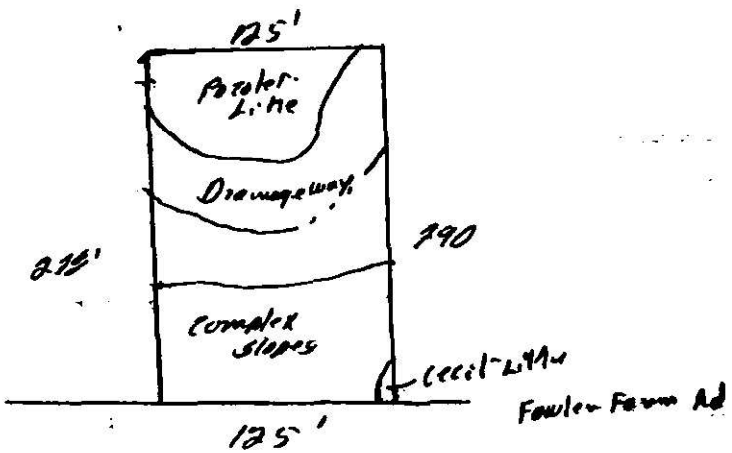
S - Suitable PS - Provisionally Suitable U - Unsuitable

**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: 11-1-84


125'
Property Line
Drainageway
215'
190
Complex Slopes
Cecil-Urban
Fowler Farm Rd
125'

MECKLENBURG COUNTY
Department of Environmental Health

FILE NO. 21313

DATE 11-2-84

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

Re: Property located at 5201 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.

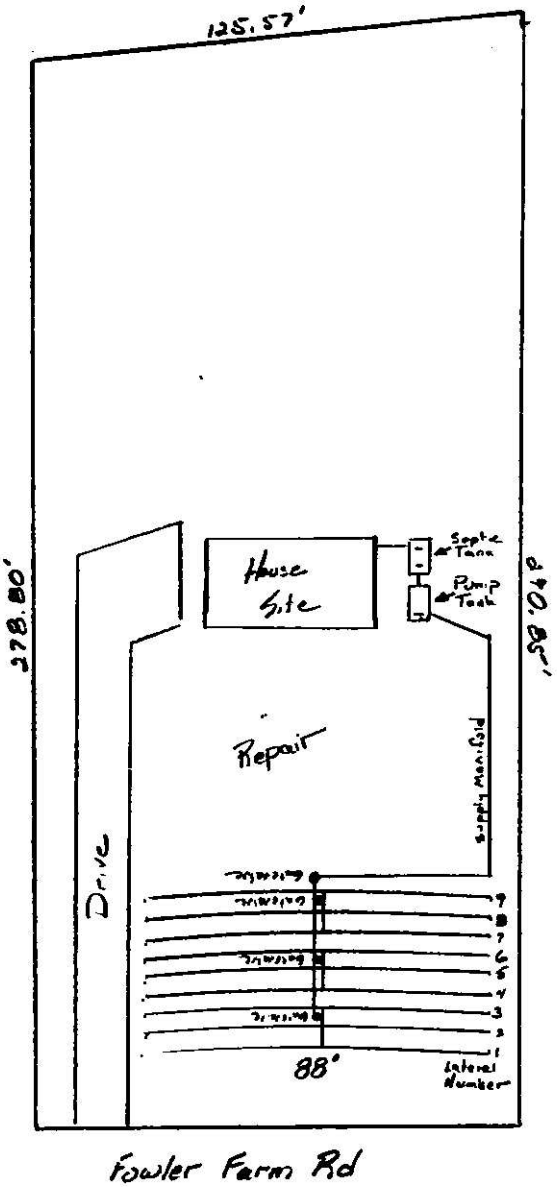
Sincerely,

Bill D. Hardister, Jr.
Environmental Health Supervisor

Enclosure

R. C. S., Inc.
Stafford Street
Post Office Box 708
Monroe, North Carolina 28110
Phones: 704-283-7538 or 376-8359

JOB Lot # 9, Farmwood Sec. 20
SHEET NO ____ OF ____
CALCULATED BY Ken Robertson DATE ____
CHECKED BY ____ DATE ____
SCALE 1" = 40'



R. C. S., Inc.

Lot # 19 Farmwood, Sec. 20
File Number 21313 Block W
Name Excelsior 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 125 ft
Supply line diameter 2 in PVC sch 40
Manifold placement center
Check valve required? No

Total flow 48 gal
Elevation head 16 ft
Friction head 5.7 ft
Pressure head 2 ft
Total head 23.67 ft
Pump requirements 48 gal at 23.7 ft
Lateral storage volume 72 gal
Supply line storage volume 11.29 gal
Total storage volume 83.25 gal
Dosing volume 360 gal
Dosing depth 18 inches

DRAINFIELD DESIGN

LINE NO.	HOLE SIZE	NO. HOLES	HEAD PRESS.	FLOW/ HOLE gpm	HOLE SPACING	FLOW/ LINE gpm	FLOW/ FOOT**
1	5/32	16	2.0'	.41	4.9'	6.56	
2	5/32	14	2.5'	.45	5.6'	6.30	
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	2.5'	.45	6.6'	5.4	
6	6/32	10	3.0'	.50	7.9'	5.0	
7	5/32	12	2.0'	.41	6.6'	4.92	
8	5/32	10	2.4'	.444	7.9'	4.4	
9	5/32	8	2.6'	.46	7.9'	3.63	

APPLICATION FOR AN IMPROVEMENT PERMIT

MECKLENBURG COUNTY ENVIRONMENTAL HEALTH

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

(OFFICE USE ONLY)

FILE: 21313

TC: 10 135-391-27

MECK COUNTY DEPARTMENT OF ENVIRONMENTAL HEALTH
RECEIVED
OCT 1 1995

JOB LOCATION

① ADDRESS: 5201 (STREET NO.) Fowler Farm Rd (STREET) ② FILE:

③ CITY: Charlotte ④ TAX PARCEL NO.

⑤ SUBDIVISION: Farmwood Section 20 ⑥ LOT: 19 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

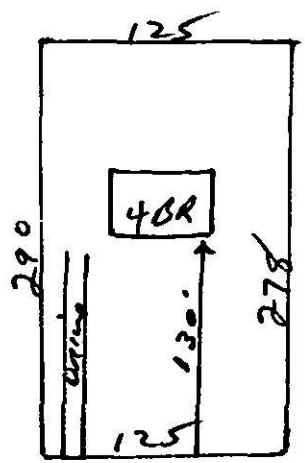
System will serve:

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

㉒ Number of bedrooms? 4 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 & Title

Date: 10/31/95

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