Date Received 8-13-84

MECK CO ''Y DEPARTMENT OF
RECEIVED
AUG 13 1984
ENVIRONMENTAL HEALTH

SIR No. 21315

T. C. No. 20 136-391-99

Map Date 2

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 (FIRST) 25746 (MIDDLE) Char ZIP 28212

3) PHONE NO. Home ——— Office 545-6111

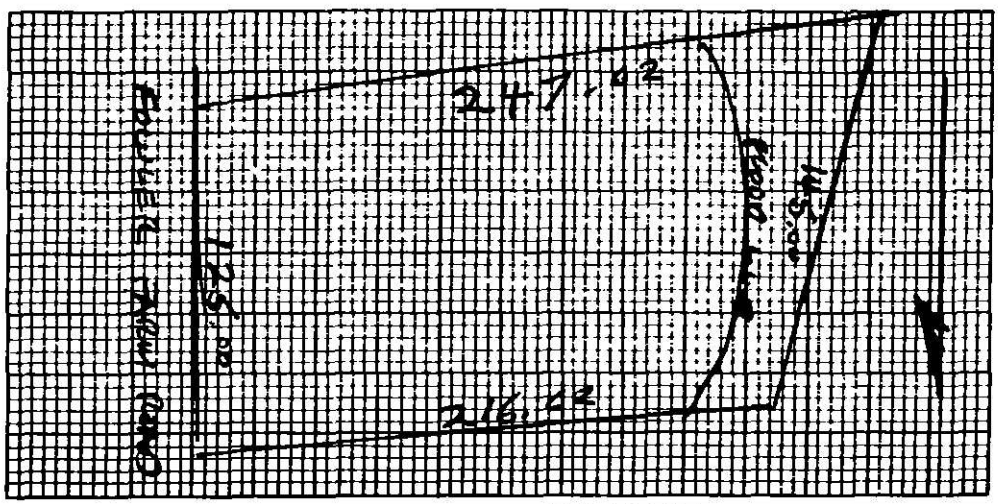
4) LOCATION OF PROPERTY 5221 Fowler Farm Road
(STREET OR COUNTY ROAD)

5) SUBDIVISION Farmwood Sec #20 LOT NO. 21 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

B&B McLemore Co Inc.
OWNER
8-6-84

EHD-5-76

Environmental Health Department's Copy

DEPARTMENT OF ENVIRONMENTAL HEALTH
MECKLENBURG COUNTY,
NORTH CAROLINA

SITE EVALUATION

S.I.R. NO. 21315

T.C. NO. RO 135-341-89

(Ground Absorption Sewage Disposal)

OWNER: Bob McLemore, Jr.
ADDRESS: PO Box 25744 Charlotte, NC 28212

PLAT NO: 21-W
LOT SIZE: Approx 3 acre

LOCATION OF SITE: 5121 Fowler Farm Rd

FACTORS	AREA 1	AREA 2	AREA 3	AREA 4
1. SLOPE (%)	(S) PS U 2-10%	S PS (U) complex slopes	S PS U —	(S) PS U 6-12%
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) clay U
3. SOIL STRUCTURE (12-36 inches)	S (PS) Blocky U	S PS — U	S PS — U	S (PS) Blocky U
4. SOIL DEPTH (inches)	S (PS) 30-36" U	S PS — U	S PS — U	S (PS) 30-36" U
5. RESTRICTIVE HORIZONS (Inches) (Impervious strata, Rock)	S (PS) >36" U	S PS — U	S PS — U	S PS < 36" (U)
6. SOIL DRAINAGE/GROUNDWATER (external and internal)	S (PS) >36" to groundwat U	S PS Eroded Areas channel runoff (U)	S PS Drainage-way wet Area (U)	S (PS) >36" to groundwater U
7. OTHER (Specify)	S Artificial PS (U) Area	S PS U	S PS U	S PS U
8. SOIL GROUP	IW	—	—	IW A
9. SITE CLASSIFICATION	unsuitable	unsuitable	unsuitable	unsuitable
10. SOIL SERIES	Cecil-L.M-L	complex slopes	Drainageway	Pacolet-L.M-L

S - Suitable PS - Provisionally Suitable U - Unsuitable

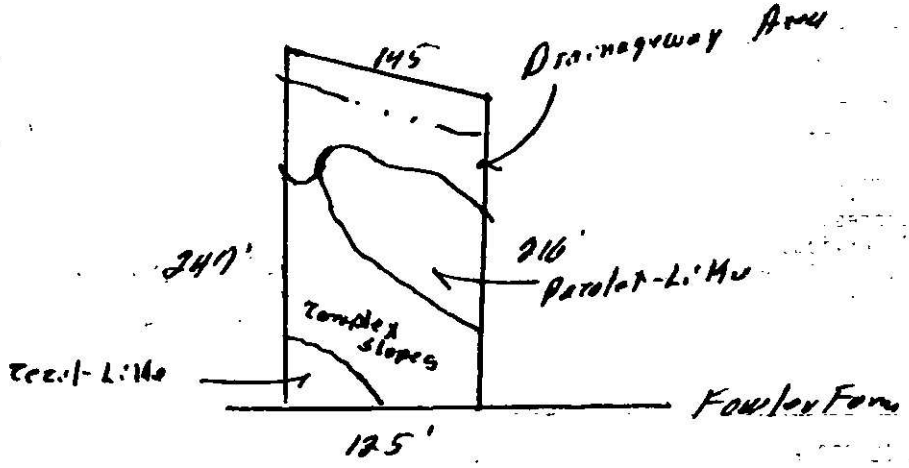
**See Diagram on Back (includes: soil areas, property lines, roads, streams, gullies, wet areas, fill areas, wells, water bodies, slopes)

Recommendations/Comments: _____

Described by: William A. Martin
Title: Soil Scientist

Date: 11-2-89

21


145
Drainageway Area
241'
216'
Parcel-Line
Complex Slopes
Parcel-Line
Fowler Farm
125'

MECKLENBURG COUNTY
Department of Environmental Health

FILE NO. 21315

DATE 11-2-84

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

Re: Property located at 5221 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

RECEIVED
NOV 1 1985
ENVIRONMENTAL HEALTH

(OFFICE USE ONLY)
FILE: 21315
TC: 135-391-99

JOB LOCATION

① ADDRESS: 5221 (STREET NO.) Fowler Farm Rd (STREET) ② FILE:
③ CITY: Charlotte ④ TAX PARCEL NO.:
⑤ SUBDIVISION: Farmwood Section 20 ⑥ LOT: 21 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

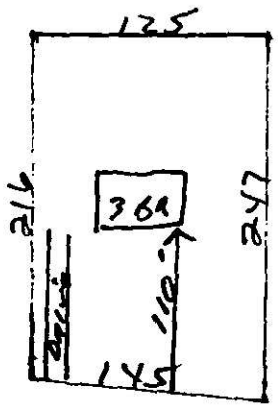
This request is for a(n):

⑮ ☑ New installation permit
⑯ ☐ Repair or alteration permit
⑰ ☐ Authorization for mobile home exchange
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?



WATER SUPPLY

㉙ Water supply from (present or preposed):

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.

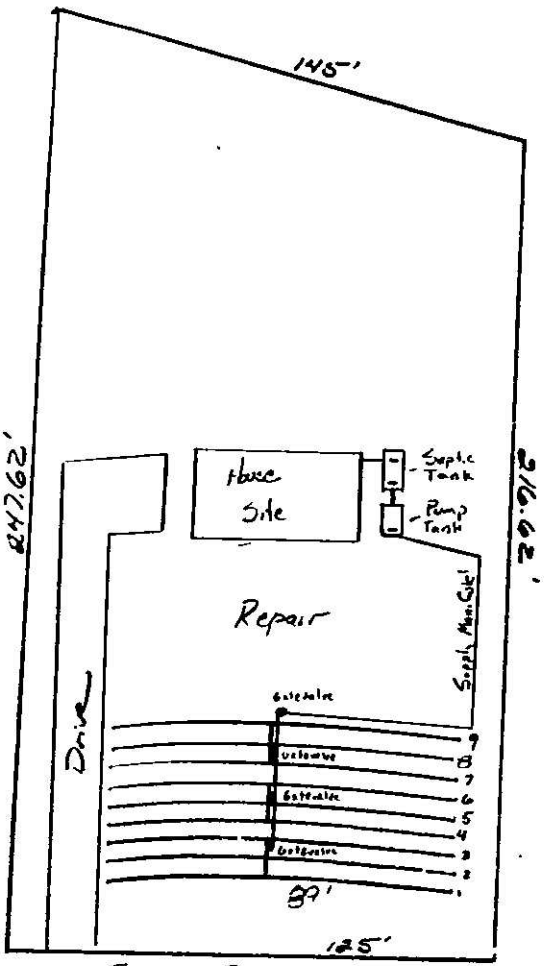
Signed: Bob McLemore Co. Inc.
By
Date: 10/31/85

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: 704-283-7539 or 376-9359

Lot # 21 Farmwood Sec. 20
Block W
CALCULATED BY Ben Robertson DATE
CHECKED BY DATE
SCALE 1" = 40'



Lot # 21, Farmwood. [illegible] Block W

FILE NUMBER 21315

R.C.S., Inc.

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 51.52 gal

Elevation head 17 ft

Friction head 6.7 ft

Pressure head 2 ft

Total head 25.7 ft

Pump requirements 51.52 gal at 25.7 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 stake site for evaluation [illegible] BOH 11-12-55

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

LINE NO.	HOLE SIZE	NO. HOLES	HEAD PRESS.	FLOW/HOLE	HOLE SPACING		
1	5/32	16	2.0'	.41	4.9'	6.56	
2	5/32	14	2.5'	.45	5.6'	5.3	
3	5/32	12	3.0'	.50	6.6'	6.0	
4	5/32	14	2.0'	[illegible]	5.6'	5.74	
5	5/32	12	2.5'	.45	6.6'	5.4	
6	5/32	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'	.44	7.9'	4.4	
9	5/32	8	2.6'	.46	9.9'	3.68	