Date Received 8-13-84

MECK COUNTY DEPARTMENT OF
RECEIVED
AUG 13 1984
ENVIRONMENTAL HEALTH

SIR No. 21301

T. C. No. PO 135-381-77

Map Date —

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 28211

3) PHONE NO. Home — Office 545-6111

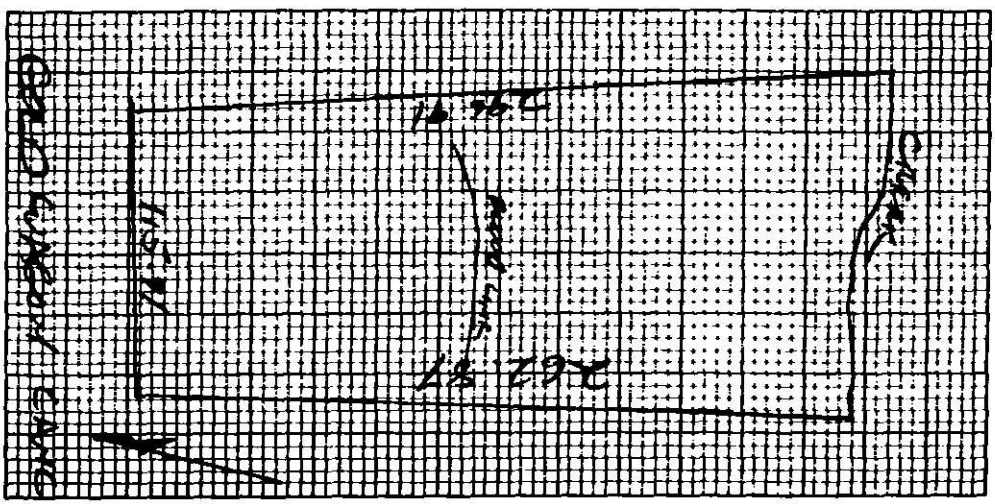
4) LOCATION OF PROPERTY 5900 GOLD WAGON LANE (STREET OR COUNTY ROAD)

5) SUBDIVISION FARMWOOD SEC 20 LOT NO. 7 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

8-9-84

EHB-5-76

Environmental Health Department's Copy

DEPARTMENT OF
ENVIRONMENTAL HEALTH
MECKLENBURG COUNTY,
NORTH CAROLINA

SITE EVALUATION

S.I.R. NO. 21301

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: 5906 Golf Wagon Lane

PLAT NO: 7-W
LOT SIZE: .75

FACTORS	AREA 1	AREA 2	AREA 3	AREA 4
1. SLOPE (%)	S PS U (U) complex slopes	S PS U (S) 2-12%	S PS U —	S PS U
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
3. SOIL STRUCTURE (12-36 inches)	S PS U —	S PS U (PS) Blocky	S PS U —	S PS U
4. SOIL DEPTH (inches)	S PS U —	S PS U (PS) 36"+	S PS U —	S PS U
5. RESTRICTIVE HORIZONS (Inches) (Impervious strata, Rock)	S PS U —	S PS U (PS) >36" to saprolite	S PS U —	S PS U
6. SOIL DRAINAGE/GROUNDWATER (external and internal)	S PS U (U) Areas may channel runoff	S PS U (PS) >36" to ground water	S PS U (U) Drainage-way Depression	S PS U
7. OTHER (Specify)	S PS U	S PS U (U) Restricted Area	S PS U Seasonal Highwater 12"x4"	S PS U
8. SOIL GROUP	—	NA	—	
9. SITE CLASSIFICATION	unsuitable	unsuitable	unsuitable	
10. SOIL SERIES	complex slopes	Cecil Lithic	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: 4-11-85

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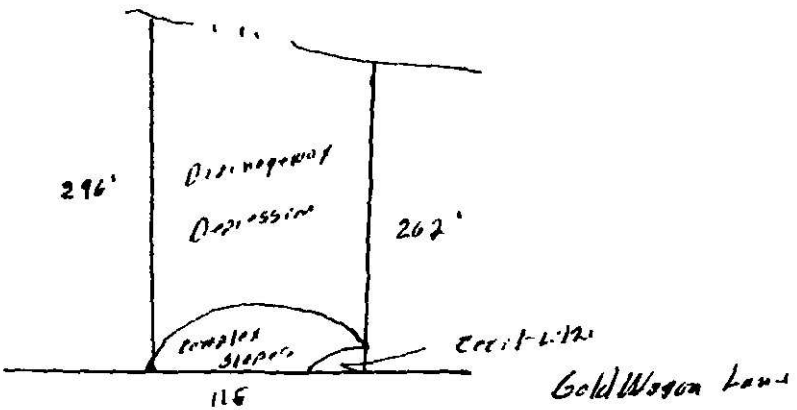

296'
Drainageway
Depression
262'
complex
slopes
Cecil-Litle
Gold Wagon Lane
116

MECKLENBURG COUNTY
Department of Environmental Health

April 12, 1985

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

Re: Property located at 5900 Gold Wagon Ln., SIR 21301, 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 as unsuitable under criteria as set forth in Section .1900 of the North Carolina Administrative Code, Title 10, Department of Human Resources, Chapter 10, Division of Health Services; Sanitary Engineering Section, Subchapter 10A, Sanitation.

The soil on this property is not suitable for use with any conventional system, modified or alternative, with which I am aware.

If I can be of 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: 21301

TC: 135-591-99

MECK[illegible] DEPARTMENT OF ENVIRONMENTAL HEALTH
RECEIVED

JOB LOCATION

① ADDRESS: 5900 (STREET NO.) Goldwagon Lane (STREET) ② FILE:

③ CITY: Charlotte ④ TAX PARCEL NO.:

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

OWNER

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

⑨ MAILING ADDRESS: P.O. Box 25746

⑩ CITY: Charlotte ⑪ STATE: N.C. ⑫ ZIP: 28212

⑬ PHONE: (WORK) 545-6111 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

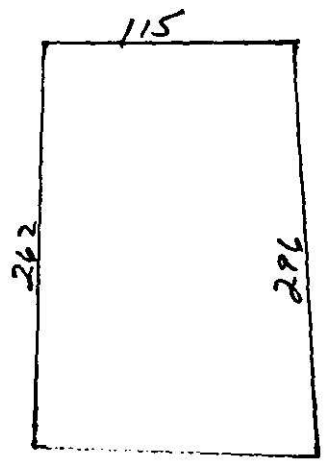
System will serve:

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 [signature]

Date: 10/7/85

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

Lot # 7

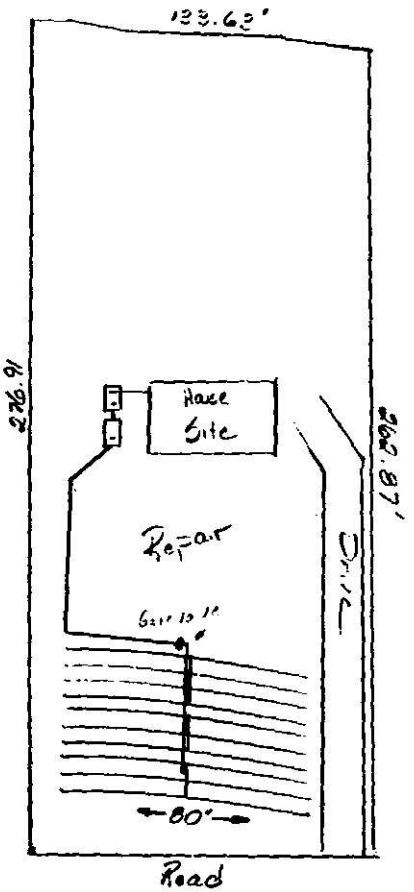
1 bdrm. = 180 gal/day

.12 application rate

400 ft²

800 Linear ft.

Scale 1" = 50'



Submitted by Ken Robertson
for RCS, Inc.

Lot # 7W
Farmwood

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 400 ft²

Total lateral length 200 ft

Lateral diameter 1¼" PVC (scn 160)

Lateral Configuration 50' × 80'

Supply line length 160'

Supply line diameter 2" PVC (scn 40)

Manifold placement center

Check valve required? No

Total flow 44.52 gal

Elevation head 17 ft

Friction head 7.2 ft

Pressure head 2 ft

Total head 26.2 ft

Pump requirements 44.52 gal at 26.2 ft

Lateral storage volume 72 gal

Supply line storage volume 25.92 gal

Total storage volume 97.92

Dosing volume 360 gal

Dosing depth 14"

Hole spacing based on a minimum of 30 inches between hole and end of pipe and distribution manifold

==========DRAINFIELD DESIGN*==========

LINE NO.	HOLE SIZE	NO. HOLES	HEAD PRESS.	FLOW/ HOLE	HOLE SPACING	FLOW/ LINE	FLOW/ FOOT**
1	5/32	12	2.0	.41	5.8	4.92	
2	5/32	11	2.4	.44	6.3'	4.84	
3	5/32	10	2.6	.46	7.0'	4.60	
4	5/32	9	3.0	.50	7.7'	4.50	
5	5/32	12	2.0	.41	5.8'	4.92	
6	5/32	10	2.5	.45	7.0'	4.50	
7	5/32	9	3.0	.50	7.7'	4.50	
8	5/32	10	2.0	.41	7.0'	4.1'	
9	5/32	9	2.4	.44	7.7'	3.96'	
10	5/32	8	2.6	.46	8.75'	3.68'	

*Drainfield design data must be listed for each line for systems where lines are different (such as sloping lots).
**Flow/Foot must be provided where lines are of varying lengths.

LPP System Design File 21301

Line No.	Hole Size	(Conv)	No. Holes	Head Press.	Flow/ Hole	Hole Spacing	Flow/ Line	Flow/ Foot	Line Length
1	5/32	0.1563	12	2.00	0.41	7.0	4.88	0.061	80
2	5/32	0.1563	10	2.40	0.45	8.8	4.46	0.056	80
3	5/32	0.1563	10	2.60	0.46	8.8	4.64	0.058	80
4	5/32	0.1563	10	3.00	0.50	8.8	4.99	0.062	80
5	5/32	0.1563	12	2.00	0.41	7.0	4.88	0.061	80
6	5/32	0.1563	10	2.50	0.46	8.8	4.55	0.057	80
7	5/32	0.1563	10	3.00	0.50	8.8	4.99	0.062	80
8	5/32	0.1563	10	2.00	0.41	8.8	4.07	0.051	80
9	5/32	0.1563	8	2.40	0.45	11.7	3.57	0.045	80
10	5/32	0.1563	8	2.60	0.46	11.7	3.71	0.046	80
			100				44.743		

Hold till drainfield
started
BDH
10/15/85