Date Received 8-13-84

RECEIVED
AUG 13 1984
ENVIRONMENTAL HEALTH

SIR No. 21303

T. C. No. Po 135-391-99

Map Date —

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 CHAR ZIP 28212

3) PHONE NO. Home — Office 545-6111

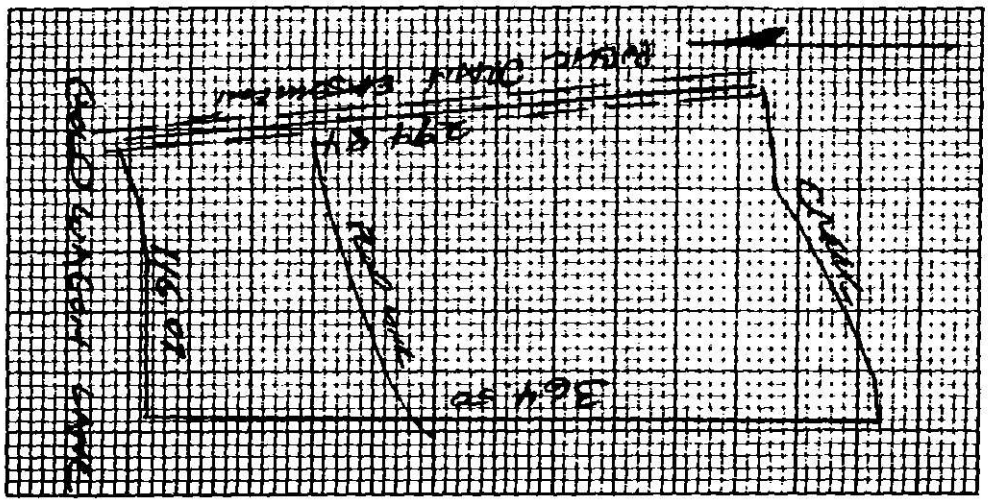
4) LOCATION OF PROPERTY 5828 COLDWATER LANE
(STREET OR COUNTY ROAD)

5) SUBDIVISION FAIRWOOD SEC 20 LOT NO. 9 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. 21303

T.C. NO. PO 135-391-94

(Ground Absorption Sewage Disposal)

OWNER: Bob McLinnon Co.
ADDRESS: PO Box 25 [illegible]
Charlotte, N.C. 28712
LOCATION OF SITE: 5828 [illegible]

PLAT NO: 4-11
LOT SIZE: ~~PO 135-391-94~~ .80

FACTORS	AREA 1	AREA 2	AREA 3	AREA 4
1. SLOPE (%)	S PS — U	S PS U	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	S PS U	S PS U
3. SOIL STRUCTURE (12-36 inches)	S PS — U	S PS U	S PS U	S PS U
4. SOIL DEPTH (inches)	S PS — U	S PS U	S PS U	S PS U
5. RESTRICTIVE HORIZONS (Inches) (Impervious strata, Rock)	S PS — U	S PS U	S PS U	S PS U
6. SOIL DRAINAGE/GROUNDWATER (external and internal)	S Drainage way PS U Depression	S PS U	S PS U	S PS U
7. OTHER (Specify)	S Seasonal PS highwater 12-24" U	S PS U	S PS U	S PS U
8. SOIL GROUP	—			
9. SITE CLASSIFICATION	unsuitable			
10. SOIL SERIES	Drainageway - Depression			

S - Suitable PS - Provisionally Suitable U - Unsuitable

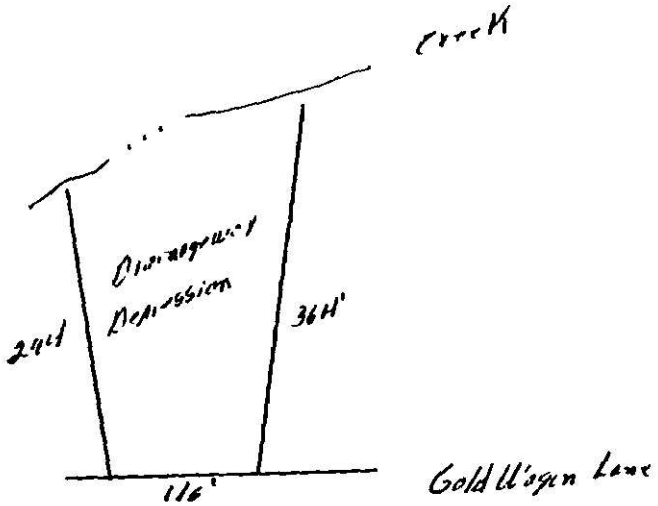
**See Diagram on Back (includes: soil areas, property lines, roads, streams, gullies, wet areas, fill areas, wells, water bodies, slopes)

Recommendations/Comments:

Described by: William A. Martin
Title: Soil Scientist

Date: 4-11-85

54


Creek
Diamagnetic
Depression
244'
364'
116'
Gold Wagon Lane

MECKLENBURG COUNTY
Department of Environmental Health

April 12, 1985

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

Re: Property located at 5828 Gold Wagon Ln., SIR 21303, 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

Lot # 9

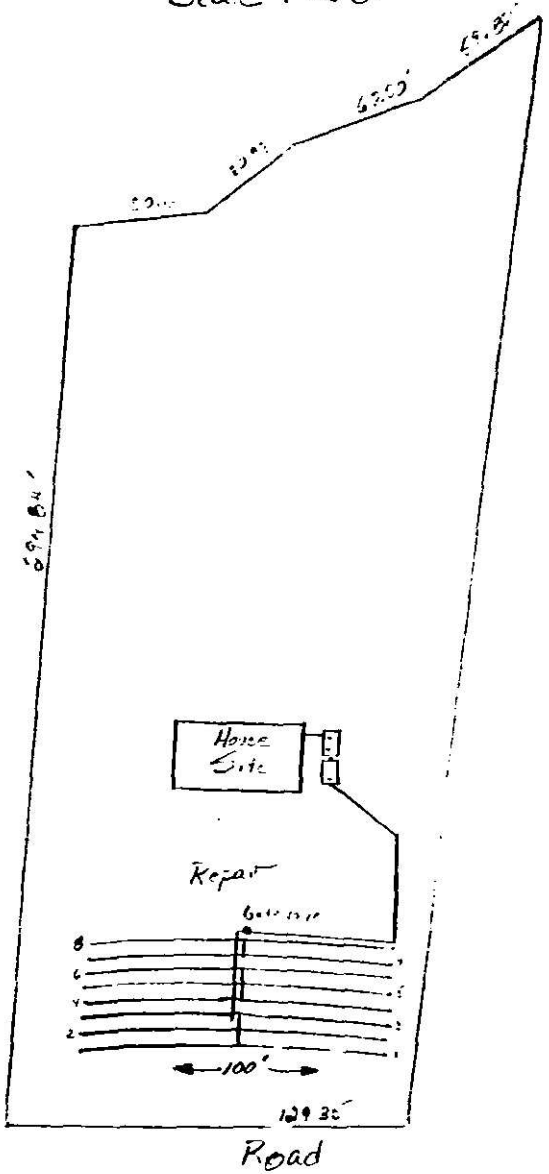
4 bdrm = 480 gal/day

.12 application

400 ft²

800 Linear Ft

Scale 1" = 50'



Submitted by Ken Robertson
for RCS, Inc

Lot # 9W
Farnwood

LPP System Design Specifications

Daily waste flow	480 gal/day	Total flow	58.61
Septic tank size	1500 gal	Elevation head	15'
Pumping tank size	1000 gal	Friction head	[illegible]
Effluent loading rate	.12	Pressure head	2.0
Absorption area	400 ft²	Total head	[illegible]
Total lateral length	800'	Pump requirements	58.61 gal [illegible]
Lateral diameter	1½ PVC (sch. 40)	Lateral storage volume	72 gal
Lateral Configuration	40' x 100'	Supply line storage volume	17.8 gal
Supply line length	110'	Total storage volume	89.8 gal
Supply line diameter	2" PVC (sch. 40)	Dosing volume	36.[illegible] gal
Manifold placement	center	Dosing depth	14"
Check valve required?	no	Hole spacing based on [illegible] 30 [illegible] holes and end of pipe / [illegible]	

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

LINE NO.	HOLE SIZE	NO. HOLES	HEAD PRESS.	FLOW/ HOLE	HOLE SPACING	FLOW/ LINE	FLOW/ FOOT**
1	5/32	20	2'	.41	4.5'	8.2	
2	5/32	18	2'5"	.45	5.4'	8.1	
3	5/32	16	3'	.5	5.6'	8.0	
4	5/32	18	2'	.41	5.0'	7.38	
5	5/32	17	2'3"	.43	5.3'	7.31	
6	5/32	15	2.[illegible]'	.46	6.0'	6.90	
7	5/32	16	3'	.4[illegible]	5.6'	6.56	
8	5/32	14	2'4"	.4[illegible]	6.4'	6.16	

*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 21303

Line No.	Hole Size	(Conv)	No. Holes	Head Press.	Flow/ Hole	Hole Spacing	Flow/ Line	Flow/ Foot	Line Length
1	5/32	0.1563	20	2.00	0.41	5.0	8.14	0.081	100
2	5/32	0.1563	18	2.42	0.45	5.6	8.05	0.081	100
3	5/32	0.1563	16	3.00	0.50	6.4	7.98	0.080	100
4	5/32	0.1563	18	2.00	0.41	5.6	7.33	0.073	100
5	5/32	0.1563	16	2.25	0.43	6.4	6.91	0.069	100
6	5/32	0.1563	16	2.50	0.46	6.4	7.28	0.073	100
7	5/32	0.1563	16	2.00	0.41	6.4	6.51	0.065	100
8	5/32	0.1563	14	2.33	0.44	7.5	6.16	0.062	100
			134				58.358		

Hold till drainfield stated
3DH
10/15/85

APPLICATION FOR AN IMPROVEMENT PERMIT

MECKLENBURG COUNTY ENVIRONMENTAL HEALTH

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

(OFFICE USE ONLY)

FILE: 21303

TC: 135-391-99

MECK COUNTY DEPARTMENT OF
RECEIVED
ENVIRONMENTAL HEALTH

JOB LOCATION

① ADDRESS: 5828 (STREET NO.) Goldwagon Lane (STREET) ② FILE:

③ CITY: Charlotte ④ TAX PARCEL NO.:

⑤ SUBDIVISION: Farmwood Section 20 ⑥ LOT: 9 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

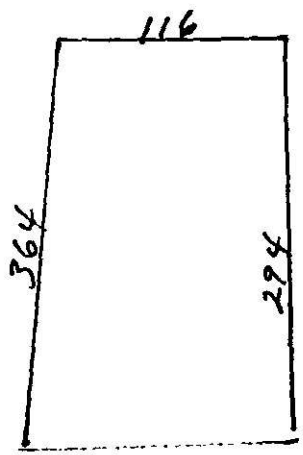
System will serve:

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.

Date: 10/7/85

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