Date Received 9-14-83

MECK COUNTY DEPARTMENT OF
RECEIVED

APT No. 20046

T. C. No. 135-242-32

Map Date

MECKLENBURG COUNTY
DEPARTMENT OF ENVIRONMENTAL HEALTH

APPLICATION FOR SOIL INVESTIGATION

1) NAME OF OWNER BOB MCLEMORE CO
(LAST / FIRST / MIDDLE)

2) ADDRESS OF OWNER PO BOX 25746 CHARLOTTE NC ZIP 28212

3) PHONE NO. Home _____ Office 545-6111

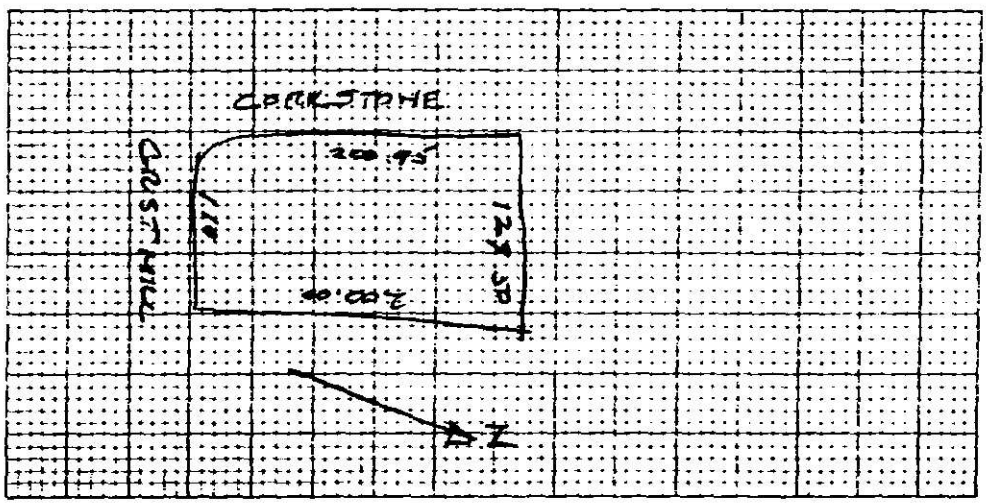
4) LOCATION OF PROPERTY 5601 GRISTMILL LN
(STREET OR COUNTY ROAD)

5) SUBDIVISION FARMWOOD SECT 15 LOT NO 42 BLOCK NO. 3

MAP BOOK NO _____ PAGE NO. _____

6) DEED REFERENCE: DEED BOOK 18 PAGE NO 9

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

OWNER Bob McLemore Co.

EHO-5-76

Environmental Health Department's Copy

MECKLENBURG COUNTY
DEPARTMENT OF ENVIRONMENTAL HEALTH
1200 BLYTHE BOULEVARD
CHARLOTTE NORTH CAROLINA 28203

SIR. NO. 20046
T.C. NO. 135-242-32
DATE: September 28, 1983

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

RE: Property located at corner of Grismill & Corkstone

Dear Sir:

At your request, a field investigation was conducted on the property designated above and was classified unsuitable for the installation of a ground absorption sewage disposal system. A copy of the site evaluation report is enclosed for your information.

Sites classified as unsuitable may be utilized for soil absorption disposal systems provided engineering, hydrogeologic, soil and environmental studies indicate that a suitable septic tank system or a suitable alternate system can be reasonably expected to function satisfactorily.

Should you desire to file for permission to install an alternate system, plans and specifications prepared by a person with a demonstrated knowledge of ground absorption sewage treatment disposal systems, soil and rock characteristics, groundwater hydrology and drainage systems should be submitted to this office. They will be reviewed and if it is found that the system may be reasonably expected to function satisfactorily, approval will be given upon the execution by you of "Septic Tank Agreement Form" provided by this office.

If I may be of assistance, please feel free to call.

Sincerely,

Bill D. Hardister, Jr.
Environmental Health Supervisor

BDH/kbq..

DEPARTMENT OF ENVIRONMENTAL HEALTH
MECKLENBURG COUNTY, NORTH CAROLINA

SITE EVALUATION

S.I.R. NO. 20046

T.C. NO. 135-242-32

(Ground Absorption Sewage Disposal)

OWNER: Bob M & Lemore CC
ADDRESS: P.C Box 25746 28212
LOCATION OF SITE: Corner Brevard & Corkstone

PLAT NO:
LOT SIZE: 24,000

FACTORS	AREA 1	AREA 2	AREA 3	AREA 4
1. SLOPE (%)	S (PS) U 0-10	S PS (U) 0-2	S PS U	S PS U
2. SOIL TEXTURE (12-36 inches) Sandy, Loamy, Clayey (Note 2-1 Clay)	S PS (U) Mixed Clay	S PS (U) Mixed Clay	S PS U	S PS U
3. SOIL STRUCTURE (12-36 inches)	S Weak PS (U) Blocky	S Weak PS (U) Blocky	S PS U	S PS U
4. SOIL DEPTH (inches)	S PS (U) 20" with 10" Fill	S PS (U) 15 - 20"	S PS U	S PS U
5. RESTRICTIVE HORIZONS (Inches) (Impervious strata, Rock)	S (PS) None U	S (PS) None U	S PS U	S PS U
6. SOIL DRAINAGE/GROUNDWATER (external and internal)	S Has Table PS Slow (U) 15-30"	S Has Table PS 5-10" (U)	S PS U	S PS U
7. OTHER (Specify)	S ! PS U	S Drainage PS Way (U)	S PS U	S PS U
8. SOIL GROUP	IVe	IVe		
9. SITE CLASSIFICATION	Unsuitable	Unsuitable		
10. SOIL SERIES	Fill over Helena	Helena		

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)

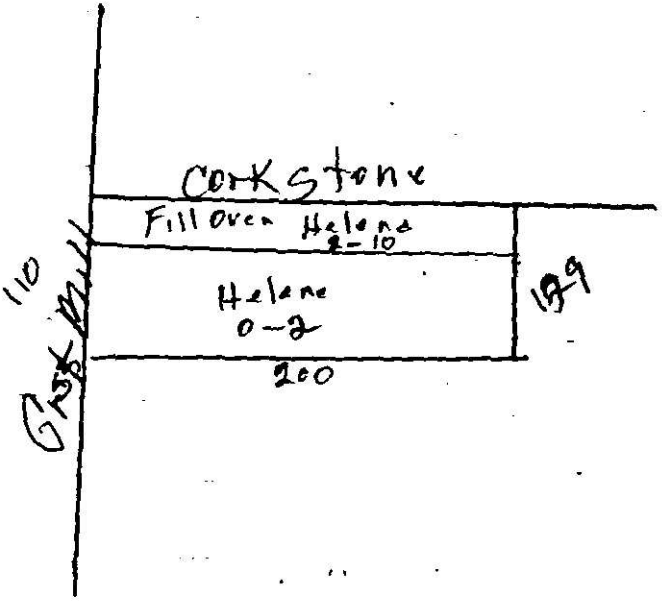
Recommendations/Comments: _____

Described by: W.B. Kennedy
Title: Soil Scientist

Date: 9-26-83

EHD 539 (Revised: 6/82)

24


Corkstone
Fill over Helena
2-10
Helena
0-2
110
199
200

MECKLENBURG COUNTY

Department of Environmental Health

December 23, 1985

Eddie Harper
Bob McLemore Company, Inc.
P. O. Box 25746
Charlotte, N. C. 28212

Dear Mr. Harper:

Re: Property located at 5601 Gristmill Road

Receipt of the plan for the installation of a LPP system of sewage disposal on the above referenced property is hereby acknowledged. Upon reviewing our file, it was noted that a duplicate of this plan had been filed for the site previously. This plan was disapproved on May 29, 1984.

Please note that state regulations concerning the installation of LPP systems require that the soil structure and texture be classified provisionally suitable before the site may be used for such a system. The structure and texture on this property does not meet this criteria. In addition, the property has a shallow, perched water table. This indicates poor soil drainage and would not allow the installation of trenches with the necessary separation between the trench bottom and the perched water tables.

No new data has been presented to indicate that the proposed system would overcome the site limitations mentioned above. For this reason, the plan as submitted must still be classified as unsuitable.

If there are any questions concerning this matter, please do not hesitate to contact me.

Sincerely,

Bill D. Hardister, Jr., R.S.
Environmental Health Supervisor

BDH/ir

APPLICATION FOR AN IMPROVEMENT PERMIT

MECKLENBURG COUNTY ENVIRONMENTAL HEALTH

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

(OFFICE USE ONLY)

FILE: 20046

TC: 135-242-32 L

MECK. COUNTY DEPARTMENT OF ENVIRONMENTAL HEALTH
RECEIVED
OCT 15 1985

JOB LOCATION

① ADDRESS: 5601 (STREET NO) GRISTmill Lane (STREET) ② FILE:

③ CITY: Charlotte ④ TAX PARCEL NO.:

⑤ SUBDIVISION: Farmwood Sec 15 ⑥ LOT: 42 S ⑦ BLOCK: S

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

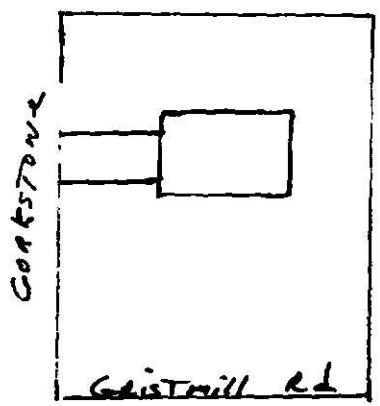
System will serve:

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 or "JOB LOCATION" has read the foregoing application, acknowledges that the contents of same are true, and authorizes agents of MECKLENBURG COUNTY DEPARTMENT OF ENVIRONMENTAL HEALTH to enter onto the property for the purpose of processing this request.

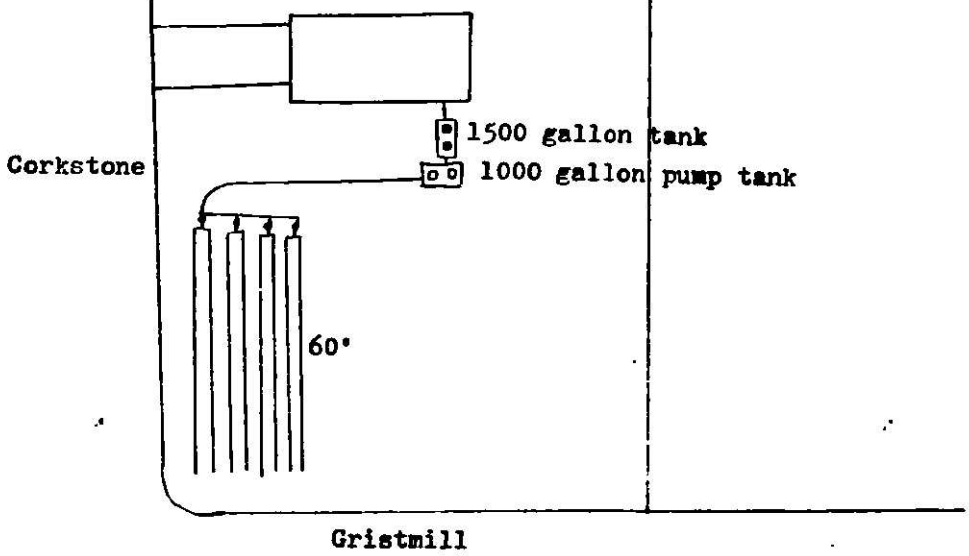
Signed: Bob McLemore Co. by CMR

Date: 10/16/85

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

Bob McLemore Company Lot 42-S

DISAPPROVED
MECKLENBURG COUNTY ENVIRONMENTAL HEALTH DEPARTMENT
FILE NO. 20046
ICAR PERMIT NO. _____
DATE 5/29/84
BY B. Hardister



This system uses 8 lines each 60' long
Laterals are 1½" PVC pipe
All manifold pipes are 1½" PVC
Supply line is 2" PVC
There are 4 gate valves, each one controls 2 lines
Laterals should be 18 inches deep with 6" of stone under pipe and 2" over pipe. Straw on stone.
The Driveway for this lot can be brought in as illustrated from Corkstone or from the extreme right side of the lot on Gristmill.

Daily waste flow 480 GPD

Septic Tank size 1500 gallons

Pumping tank size 1000 gallons

Effluent loading rate 0.20 GPD/ft 2

Absorption area 2400 Sq.ft.

Total length of laterals 480 linear ft.

Lateral diameter 1¼"

Lateral configuration 8 lines 60' long

Supply line length Approx. 80'

Supply line diameter 2"

Manifold placement Horizontal to Gristmill

Hole size 5/32"

Distance between holes 6'

Number of holes 80

No. of holes per line 10

Pressure head 3'

Flow per hole .50 GPM

Total flow 40 GPM

Elevation head 15'

Friction head 2.5'

Pressure head 3'

Total head 20.5

Pump requirements 40 GPM at 20.5' Head Pressure

Storage volume in laterals 39.1 gallon

Storage volume in supply line 15. gallon

Total storage volume 54.1 gallon

Dosing volume 210.5

Dosing depth 10.5 in.

Check valve needed? Yes

Bob McLemore Company Lot 42-S

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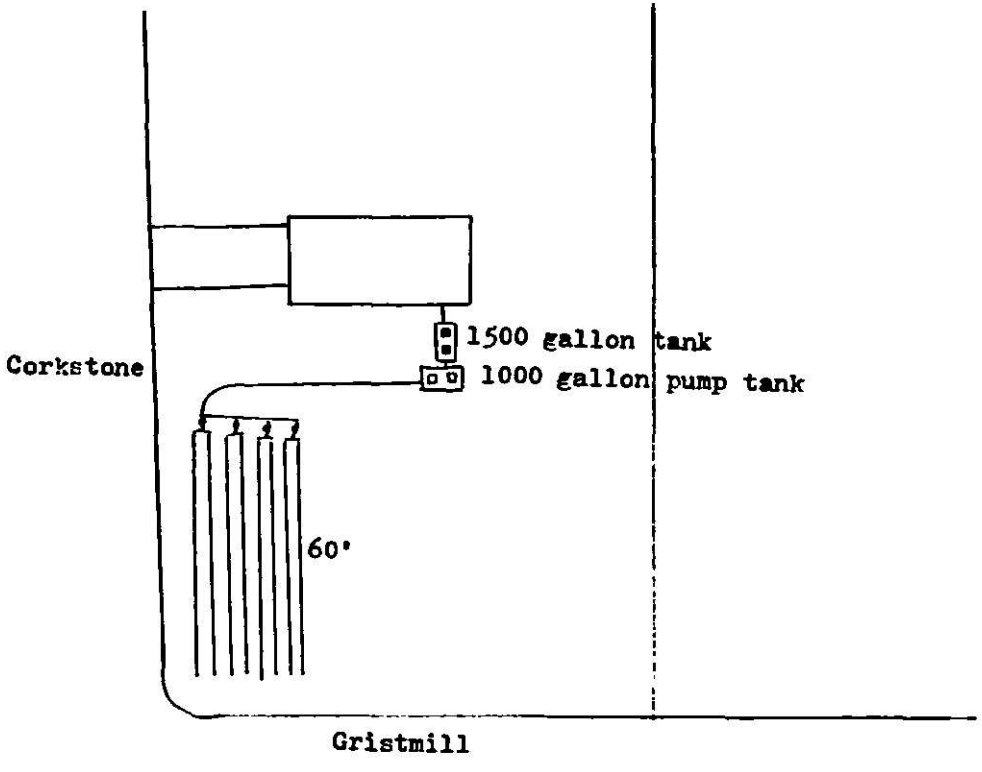
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STATE OF NORTH CAROLINA
COUNTY OF MECKLENBURG

BOOK PAGE

4841 0692

SEPTIC TANK AGREEMENT 20046

10

The undersigned, Bob McLemore Co. Inc., owner of property located at LOT 42-S 5601 Gristmill Ln, ("the site") and described in instrument recorded in Book 3793 at Page 24[illegible], Mecklenburg Public Registry, hereby acknowledges that he applied to the Department of Environmental Health for a permit to install a septic tank sewage disposal system on the site; the Department evaluated the site for suitability for such a system in accord with the regulations promulgated by the North Carolina Commission for Health Services as 10 NCAC 10A .1900 et seq; that the Department classified the site as unsuitable and an appropriate permit was issued by the Department.

The undersigned further acknowledges that the proper design, construction, and maintenance of such septic tank system is his responsibility and that neither the Department nor its officials, employees or agents warrant or guarantee that the said system installed pursuant to the permit issued by the Department will function in a satisfactory manner for any given period of time or that the Department, its officials, employees or agents assume any liability for damages, consequential or direct, which are caused, or which may be caused by a malfunction of such system.

This document shall be placed on the public records of the Register of Deeds of Mecklenburg County and indexed therein under the Grantor Index in the name or names of the undersigned, and the foregoing acknowledgements shall henceforth be binding on all persons claiming any right, title, or interest in the site.

And the undersigned further agrees for himself, his heirs and assigns that he shall indemnify and hold harmless the Department and its successors, as well as Mecklenburg County, for any damages or other claims of any person or persons whatsoever arising out of the installation operation, or failure of said septic tank system.

And the undersigned further agrees for his heirs and assigns that, in the event any septic tank system installed under authority of the aforesaid permit fails to perform adequately, in any respect, he will take whatever measures are required to correct same; or if such is impossible he will discontinue use of said system immediately.

Use of the singular masculine pronoun forms herein shall be deemed to also include the plural and feminine forms as the context may require.

This 21 day of MAY, 1984.

Bob McLemore Co. Inc. (Seal)

By [signature] Pres. (Seal)

ASST SECRETARY
ATTESTED BY

MAIL TO ENVT. HEALTH

STATE OF NORTH CAROLINA
COUNTY OF MECKLENBURG

I, _____, a Notary Public for said County and State, do hereby certify that _____ personally appeared before me this date and acknowledged the due execution of the foregoing instrument.

WITNESS my hand and notarial seal, this _____ day of _____, 9

_____
Notary Public
My Commission Expires: _____

PRESENTED FOR REGISTRATION
MECKLENBURG CO., N.C.
REGISTER OF DEEDS
'84 MAY 23 PM 4

STATE OF NORTH CAROLINA
COUNTY OF MECKLENBURG UNION

I, Kristy McLemore (Carriker), a Notary Public for said County and State, do hereby certify that Robert V. McLemore personally came before me this day and acknowledged that he is President of Bob McLemore & Co., Inc. and that by authority duly given and as the act and deed of said corporation, the foregoing instrument was signed in its name by its President, sealed with its corporate seal and attested by Billy T. Coggins Asst. Secty.

WITNESS my hand and notarial seal, this 21st day of May, 19 84.

Kristy McLemore (Carriker)
Notary Public
My Commission Expires: 12/08/87

REAL ESTATE
4841 0693

State of North Carolina, County of Mecklenburg
The foregoing certificate(s) of Kristy McLemore (Carriker)

a Notary(ies) Public of Union County and State of North Carolina
is are certified to be correct. This 22 day of May 19 84
Charles E. Crowder, Register of Deeds, By: DEPUTY

FEE	5.00
<>	5.00
CASH	5.00

16:22 88265 000
05/22/84

RECEIVED
JUN 4 1984
ENVIRONMENTAL HEALTH