C of A (s) No. 21718

Date Issued 8-29-86 **Serial** 8834 T. C. No. PO 135-321-02-03

✓ CRT

MECKLENBURG COUNTY
DEPARTMENT OF ENVIRONMENTAL HEALTH

CERTIFICATE OF APPROVAL

(Individual Septic Tank System with Subsurface, Soil Absorption, Effluent Discharge)

Name of Owner BOB McLEMORE CO.
LAST FIRST MIDDLE

Location of Property 11103 IDLEWILD RD

Application Number 21718 Permit Number 21718

Inspection Date:

Liquid Capacity of Tank 1500 + 1000 Tank Material PCC

Total Length of Drain Tile 640' Number of Lines 8

Depth of Filter Material 8" Cover Depth

Water Supply Source comm. well Distance from Water Source 100' H

Excavation Inspected ~~8-29~~ DATE Tank Inspected 8-29-86 DATE

Nitrification Field Inspected DATE

Washing Machine Line Inspected, If Applicable DATE

The undersigned has inspected the Individual Septic Tank System with subsurface, soil absorption, effluent discharge as described above and it has been ✓ installed or constructed, altered or repaired in accordance with the permit issued and the regulations of the Mecklenburg County Health Commission in effect on the date of issuance of the permit. The issuance of this Certificate of Approval does not in any way guarantee that the system will operate properly or relieve any person now or hereafter owning, controlling, or using such system from any liability resulting from the failure of the system to operate properly. This Certificate of Approval is issued subject to those restrictions and conditions shown on the permit(s) in addition to those listed below under comments. This Certificate of Approval shall be null and void if any information contained in the application is untrue or if any additions are made to the property which would increase the requirements for said system.

Comments LINES, TANK, PUMP, DRAINFIELD, RISER, VALVES, INSPECTED BY BILL FERGESON

OPERATION OF PUMP WITNESS BY Kelly Randall

Kelly Randall
Environmentalist

EHD-5-76

Environmental Health Department Copy

Date Issued 3-25-86

Serial No. 09071

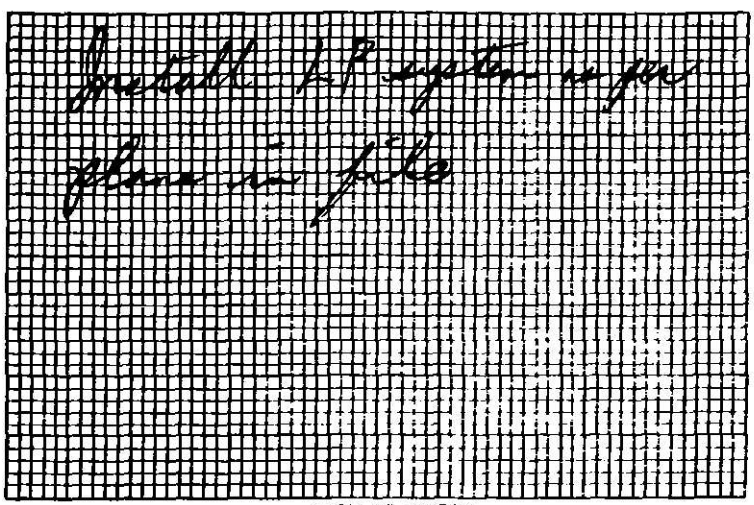
ICAR(S) Permit No. 21718

T. C. No. 135-321-02,03

Map Date

MECKLENBURG COUNTY
DEPARTMENT OF ENVIRONMENTAL HEALTH
INSTALLATION, CONSTUCTION, ALTERATION, AND/OR REPAIR PERMIT
(Individual Septic Tank System with Subsurface, Soil Absorption, Effluent Discharge)

Permission is hereby given to ✓ Install or Construct, ___ Alter or Repair the individual septic tank wastewater treatment system with subsurface, soil absorption, effluent discharge as specified herein at the described location. This permit is granted based upon the information supplied in application 21718, dated 5-30-85 and this permit shall be void and of no effect if the information provided in the application is not true or is erroneous. All work shall be completed on or before 4-25-86, after which date this permit shall be null and void.



PLOT OF SYSTEM

Permeability Rate IFA

Liquid Capacity of Tank 1500 + 1000

Tank Construction STC

Absorption and/or Nitrification Lines:

Total Line Length 640'

Number of Lines 8

Distance from House 5'

Distance from Property Line 10'

Distance from Well Comm

NAME OF OWNER Bob McLemore Co

LOCATION OF PROPERTY 11103 Idlewild Rd.

The system shall meet all of the construction requirements as set forth in the Regulations of the Mecklenburg County Health Commission which are in effect on the date of the granting of this permit. A certificate of approval must be issued by the Environmental Health Director before any system can be covered up or otherwise rendered uninspectable or can be used. The issuance of this permit does not in any way guarantee that the system anticipated to be constructed will operate properly, or relieve any person now or hereafter owning, controlling or using such system from any liability resulting from the failure of the system to operate properly.

Comments:

B. Hardesty
Division or Section Head

B. K. Ferguson
Environmentalist

* If this permit is for the installation or construction of a new system, it must be signed by the division or a section head of the Department of Environmental Health in order to be valid. Only the signature of the Environmentalist is required where an existing system is being altered or repaired.

EHD-5-76

Environmental Health Copy

APPLICATION FOR AN IMPROVEMENT PERMIT

MECKLENBURG COUNTY ENVIRONMENTAL HEALTH

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

(OFFICE USE ONLY)

FILE: 21718 L

TC: PO 135-321-0203

JOB LOCATION

① ADDRESS: 11103 (STREET NO) IDLEWILD (STREET) ROAD ② FILE: 21718

③ CITY: CHARLOTTE ④ TAX PARCEL NO.: PO 135-321-0203

⑤ SUBDIVISION: BRANDONWOOD ⑥ LOT: 8 ⑦ BLOCK: BW

OWNER

⑧ NAME: BOB (FIRST) MCLEMORE (MIDDLE) CO INC (LAST)

⑨ MAILING ADDRESS: PO 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? ———

SEE ATTACHED

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: 5-30-85

㉘ Accurately dimensioned plot

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

R. C. S., Inc.

RECEIVED MAY 2 9 1985

Septic Tank Installation & Service

Stafford Street
Post Office Box 708
Monroe, North Carolina 28110
Phones: 704-283-7539 or 376-9359

BOB MCLEMORE HOMES
LOT 8 - IDLEWILD RD., SIR # 21718
11103 IDLEWILD RD

DAILY WASTE FLOW	400 GAL
SEPTIC TANK SIZE	1500 GAL
PUMP TANK SIZE	1000 GAL
EFFLUENT LOADING RATE	.15 GAL/FT²/DAY
ABSORPTION AREA	3200 FT²
TOTAL LENGTH OF LATERALS	640 FT
LATERAL DIAMETER	1¼ INCH, SCH 160
LATERAL CONFIGURATION	8 x 80 FT LINES
SUPPLY LINE LENGTH	100 FT
SUPPLY LINE DIAMETER	2 INCH, SCH 40
MANIFOLD PLACEMENT	SIDE
HOLE SIZE	5/32 INCH
HOLE SPACING	SEE CHART
No. OF HOLES	110
PRESSURE HEAD	SEE CHART
FLOW PER HOLE	SEE CHART
TOTAL FLOW	50.46 GPM
ELEVATION HEAD	12 FT
FRICTION HEAD	4.8 FT
PRESSURE HEAD	3.0 FT
TOTAL HEAD	19.8 FT
PUMP REQUIREMENTS	50.46 GPM, 19.8 FT OF HEAD

R. C. S., Inc.

Septic Tank Installation & Service

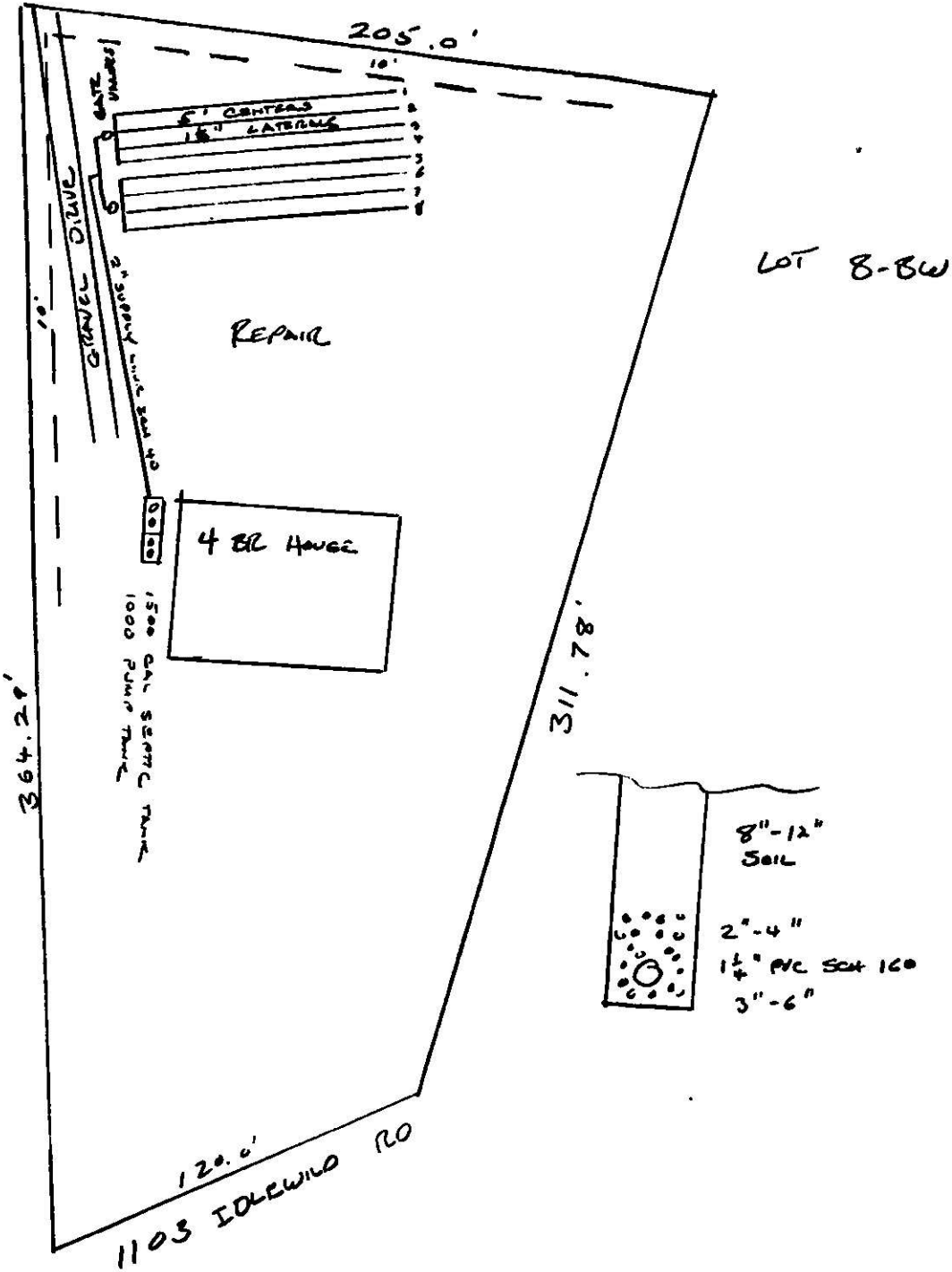
Stafford Street
Post Office Box 708
Monroe, North Carolina 28110
Phones: 704-283-7539 or 376-9359

BOB McLEMORE, LOT 8 & 9 IDLEWILD RD.

STORAGE VOL. IN LATERALS	57.6 ~~40.96~~ GAL.
STORAGE VOL IN SUPPLY LINE	16.20 GAL.
TOTAL STORAGE VOL	73.8 ~~57.16~~ GAL.
DOSING VOLUME	221.0 GAL.
DOSING DEPTH	9.6 INCH
CHECK VALVE ?	NO

LPP System Design

Line No.	Hole Size	(Diam)	No. Holes	Head Press.	Flow/ Hole	Hole Spacing	Flow/ Line	Flow/ Foot	Line Length
FILE 21716									
1	5/32	0.16	15	2	0.41	5.4	6.11	0.076	80
2	5/32	0.16	14	2.33	0.44	5.8	6.15	0.077	80
3	5/32	0.16	13	2.75	0.48	6.3	6.21	0.078	80
4	5/32	0.16	12	3.08	0.51	6.8	6.06	0.076	80
5	5/32	0.16	15	2	0.41	5.4	6.11	0.076	80
6	5/32	0.16	14	2.42	0.45	5.8	6.27	0.078	80
7	5/32	0.16	13	2.83	0.48	6.3	6.29	0.079	80
8	5/32	0.16	12	3.17	0.51	6.8	6.15	0.077	80
			108				49.344		


205.0'
10'
6" CENTERS
18" LATERALS
GATE VALVES
GRAVEL DRIVE
10'
2" SUPPLY LINE FROM WELL
REPAIR
LOT 8-BW
4 BR HOUSE
1500 GAL SEPTIC TANK
1000 PUMP TANK
364.29'
311.78'
8"-12" SOIL
2"-4"
1 1/4" PVC SCH 160
3"-6"
120.0'
1103 IDLEWILD RD

DEPARTMENT OF
ENVIRONMENTAL HEALTH
MECKLENBURG COUNTY,
NORTH CAROLINA

SITE EVALUATION

S.I.R. NO. 2176

T.C. NO. PC 135-3216203

(Ground Absorption Sewage Disposal)

OWNER: Est. Mr. Lemar Carter PLAT NO: 107-10
ADDRESS: P.O. Box 3574 Charlotte, N.C. 28234 LOT SIZE: Parcel 13A
LOCATION OF SITE: NW Sunnyside Rd

FACTORS	AREA 1	AREA 2	AREA 3	AREA 4
1. SLOPE (%)	S PS 2-14% 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 clay U	S PS — U	S PS U	S PS U
3. SOIL STRUCTURE (12-36 inches)	S PS Blocky U	S PS — U	S PS U	S PS U
4. SOIL DEPTH (inches)	S PS 18-30" U	S PS — U	S PS U	S PS U
5. RESTRICTIVE HORIZONS (Inches) (Impervious strata, Rock)	S PS 24"+ U saprolite	S PS — U	S PS U	S PS U
6. SOIL DRAINAGE/GROUNDWATER (external and internal)	S PS 24" + ground water U	S Undrained PS U	S PS U	S PS U
7. OTHER (Specify)	S PS U	S PS U	S PS U	S PS U
8. SOIL GROUP	IC A			
9. SITE CLASSIFICATION	unsuitable	unsuitable		
10. SOIL SERIES	Percilla	Undrained		

S - Suitable PS - Provisionally Suitable U - Unsuitable

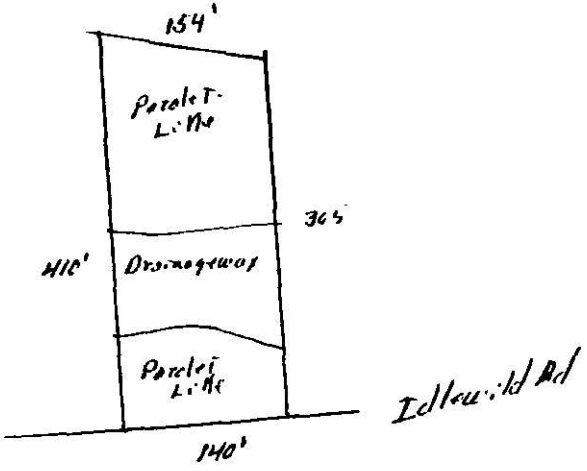
**See Diagram on Back (includes: soil areas, property lines, roads, streams, gullies, wet areas, fill areas, wells, water bodies, slopes)

Recommendations/Comments: _____

Described by: William R. Martin
Title: Soil Scientist

Date: 5-22-85

2d


154'
Parcel T-
Line
365'
410'
Drainageway
Parcel
Line
Idlewild Rd
140'

MECKLENBURG COUNTY
Department of Environmental Health

FILE NO. 21718

DATE PO 135-321-0203

Bob McLemore Co., Inc.
P. O. Box 25746
Charlotte, N. C. 28212

Re: Property located at 11103 Idlewild Road, Lot 8-BW

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

Serial No. 8594

SIR No. 21718

Date Issued June 5, 1985

T. C. No. 135-121-02.03

Map Date L C/CT

MECKLENBURG COUNTY
DEPARTMENT OF ENVIRONMENTAL HEALTH

TO THE BUILDING INSPECTION DEPARTMENT

APPROVAL OF LOT FOR INSTALLATION OF AN INDIVIDUAL SEPTIC TANK WITH SUBSURFACE, SOIL ABSORPTION, EFFLUENT DISCHARGE

NAME OF OWNER Bob McLemore Co, Inc.
(LAST / FIRST / MIDDLE)

ADDRESS OF OWNER P.O. Box 25746 Charlotte, NC ZIP 28212

LOCATION OF LOT 11103 Idlewild Rd.
(STREET OR COUNTY ROAD)

SUBDIVISION Brandonwood LOT NO. 8 BLOCK NO. BW

MAP BOOK NO. _____ PAGE NO. _____

The above specified lot is approved by the Mecklenburg County Department of Environmental Health for the installation of an individual septic tank system with subsurface, soil absorption, effluent discharge based on the soil investigation, on an on-site inspection of the said lot; and upon the information supplied in the "Application for an Installation, Construction, Alteration, and/or Repair Permit", number _____. This approval is subject to the following terms and conditions:

1. That the nitrification field be installed, constructed, altered and/or repaired in the same area where the soil investigation was run.
2. That an "Installation, Construction, Alteration, and/or Repair Permit" be issued and in full force and effect when the system is installed, constructed, altered, and/or repaired and that the system be installed in accordance with same.

This approval may be revoked and the building inspection department requested to revoke any building permit(s) which have been issued to authorize construction on the said lot if at any time it is determined that any information contained in the "Application for an Installation, Construction, Alteration, and/or Repair Permit" is not correct or is untrue or that the septic-tank system is not being installed, constructed, altered and/or repaired in accordance with a valid Installation, Construction, Alteration, and/or Repair Permit.

Cynthia C. Bass
Environmentalist

Environmental Health Director, or Authorized Section Head

EHD-5-76

Site reclassified Provisionally Suitable pursuant to 10 NCAC 10A .1948(c) and Departmental policy regarding alternate septic tank system installation.

Environmental Health Department's Copy

STATE PRESENTED FOR REGISTRATION
JUN 10 1 43 PM '85
CHARLIE ... REGISTER OF DEEDS MECKLENBURG CO. N.C.

REAL ESTATE BOOK 5032 PAGE 0528

211

FILE NO. 2718

STATE OF NORTH CAROLINA
COUNTY OF MECKLENBURG

ACKNOWLEDGEMENT OF REQUEST BY OWNER FOR RECLASSIFICATION OF SITE FROM "UNSUITABLE" TO "PROVISIONALLY SUITABLE" UNDER 10 NCAC 10A .1948(c)

RETURN TO: DEPARTMENT OF ENVIRONMENTAL HEALTH

The undersigned, Robert V. McLemore, President, Bob McLemore & Co., Inc.,

owner of property located at 11103 Idlewild Road, Lot #8-BW, Brandonwood Subdivision.,

("the site") and described in an instrument recorded in Book 4913 at Page 425, Mecklenburg Public Registry, hereby acknowledges that he applied to the Mecklenburg County Department of Environmental Health ("the Department") for a permit to install a septic tank sewage disposal system on the site; that the Department evaluated the site for suitability for such a system in accordance with the regulations promulgated by the North Carolina Commission for Health Services as 10 NCAC 10A .1934 et seq; that the Department originally classified the site as "unsuitable" pursuant to the standards set forth in the regulations; that the undersigned requested pursuant to 10 NCAC 10A .1948(c) that the Department reclassify the site as "provisionally suitable" in light of the particular septic tank system proposed by the undersigned; that the Department considered various studies, data and other information which indicate to the Department that the septic tank system proposed by the undersigned can reasonably be expected to function satisfactorily and thus that the findings specified in 10 NCAC 10A .1948(c)(1), (2), and (3) can be made; and that the Department therefore reclassified the site as "provisionally suitable" and issued an appropriate permit for such proposed septic tank system.

The undersigned further acknowledges that the proper design, construction, operation 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 any damages of any kind which are caused, or which may be caused, by a malfunction of such system.

The undersigned further agrees for himself, his heirs and assigns that he shall indemnify and hold harmless the Department, its employees and officials, as well as Mecklenburg County and its employees and officials, 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.

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 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 names 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.

This 5th day of June, 19 85.

Attested By:

Billy E. Coggins, Asst. Secretary

Prepared By: _____ (SEAL)
Robert V. McLemore
President
Bob McLemore & Co., Inc. (SEAL)

STATE OF NORTH CAROLINA
COUNTY OF MECKLENBURG

FEE 5.00
<> 5.00
.00
8:43 #6134 000

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 _____, 1984.

_____
Notary Public

My Commission Expires: _____

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 E. Coggins, Asst. Secty.

WITNESS my hand and notarial seal, this 5th day of June, 1985.

Kristy McLemore (Carriker)
Notary Public

My Commission Expires: 12/08/87

BOOK PAGE

5032 0529

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 10day of June 1985
Charles E. Crowder, Register of Deeds, By: DEPUTY

Date Received 12-27-84

MECK COUNTY DEPARTMENT OF
RECEIVED
DEC 27 1984

SIR No. 21718

T. C. No. PO 135-324-0203

Map Date L

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 Charlotte ZIP 28212

3) PHONE NO. Home — Office 545-6111

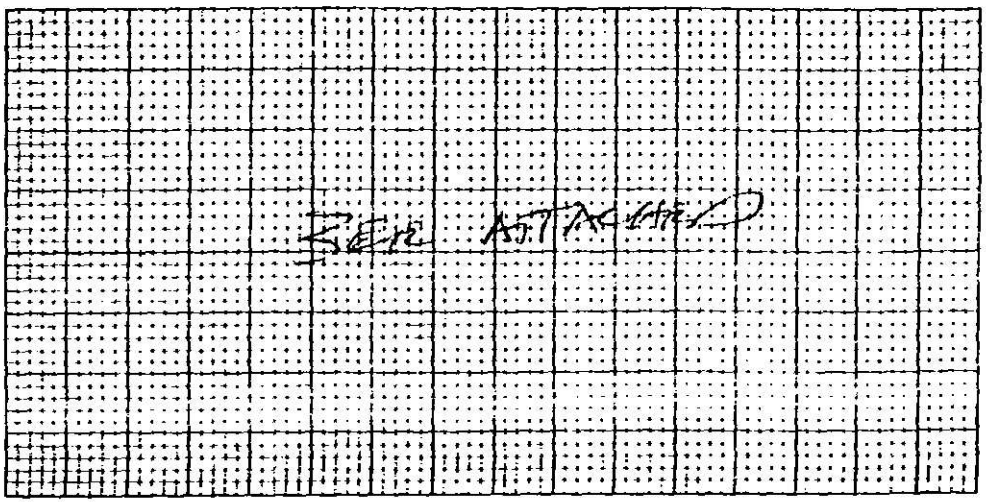
4) LOCATION OF PROPERTY 11103 Idlewild Road
(STREET OR COUNTY ROAD)

5) SUBDIVISION Brandywood Sec #1 LOT NO. 8 BLOCK NO. BW

MAP BOOK NO 20 PAGE NO. 750

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 on 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

EHD-5-76

134

ENVIRONMENTAL HEALTH DEPARTMENT'S COPY