

Hamilton Rd.

1/29/08

thomatc

Groundwater and Wastewater Services File Imaging Project

May 2007

Barcode Font = IDAutomationHC39M

Date Received 2-20-84

MECK. COUNTY DEPARTMENT OF
RECEIVED
FEB 20 1984
ENVIRONMENTAL HEALTH

SIR No. 20633

T. P. No. 219-081-02

Map Date _____

MECKLENBURG COUNTY
DEPARTMENT OF ENVIRONMENTAL HEALTH

APPLICATION FOR SOIL INVESTIGATION

1) NAME OF OWNER Boyd (LAST) Marguerite (FIRST) H. (MIDDLE)

2) ADDRESS OF OWNER Rt. 1 Box 488 Pineville NC ZIP 28134

3) PHONE NO. Home 588-0139 Office —

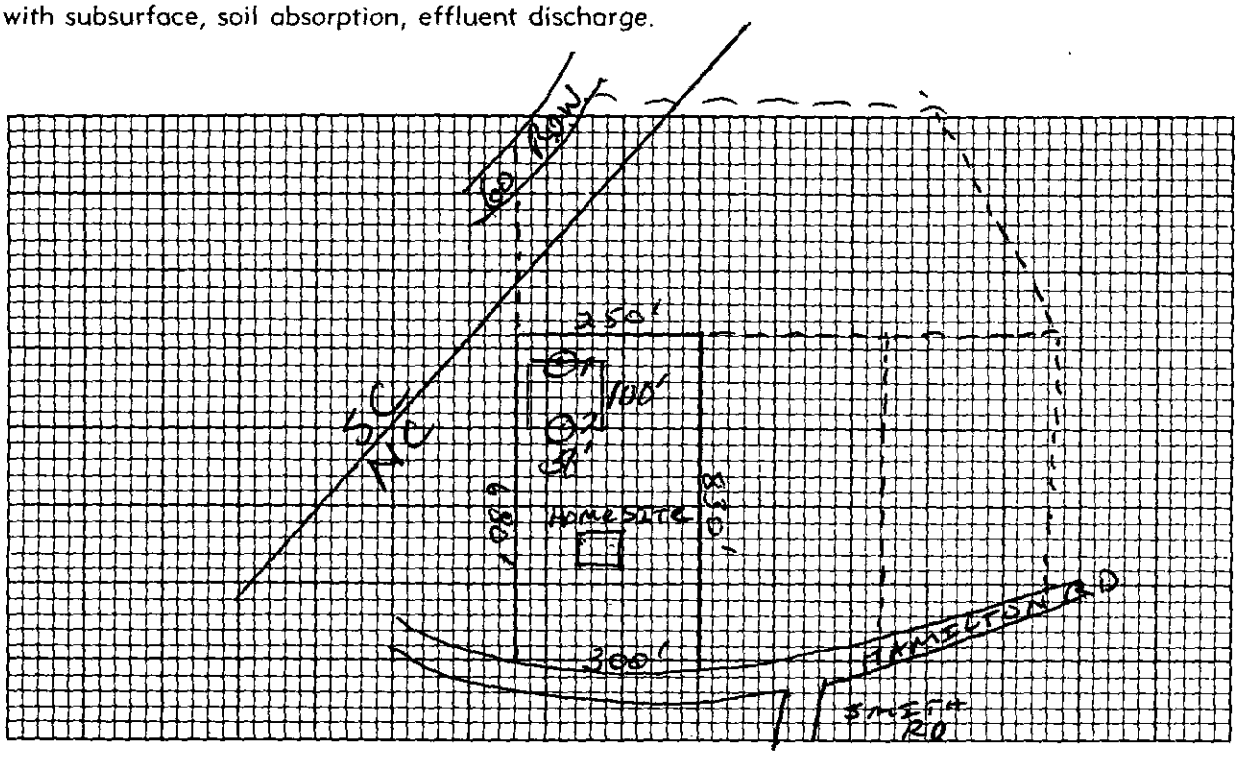
4) LOCATION OF PROPERTY Hamilton Rd. (STREET OR COUNTY ROAD)

5) SUBDIVISION _____ LOT NO. _____ BLOCK NO. _____

MAP BOOK NO _____ PAGE NO. _____

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

Marguerite H. Boyd
OWNER

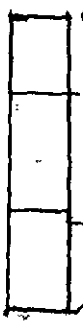
EHD-5-76

ENVIRONMENTAL HEALTH DEPARTMENT'S COPY

Project M. Boyd # 3

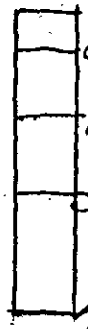
Lot–Boring #

1



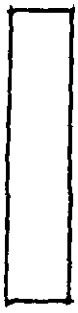
- Brown red clay, subangular blocky
- Red clay, subangular blocky, yellow mottles
- Orange clay, subangular blocky, slight yellow mottling

2



- Reddish brown clay, subangular blocky
- Dark orange clay, subangular blocky, yellow mottling
- Orange clay, subangular blocky, yellow mottling
- Red clay, subangular blocky yellow mottles





DEPARTMENT OF
ENVIRONMENTAL HEALTH
MECKLENBURG COUNTY,
NORTH CAROLINA

SITE EVALUATION

S.I.R. NO. 20633

T.C. NO. PO 219-08122

(Ground Absorption Sewage Disposal)

OWNER: Margarite H. Boyd
ADDRESS: Rt. 6 Box 465 Pineville, N.C. 28134

PLAT NO:
LOT SIZE: 194 x 200

LOCATION OF SITE: Hamilton Road

FACTORS	AREA 1	AREA 2	AREA 3	AREA 4
1. SLOPE (%)	(S) PS U 2-10%	(S) PS U 2-8%	S PS U	S PS U
2. SOIL TEXTURE (12-36 inches) Sandy, Loamy, Clayey (Note 2-1 Clay)	S PS (U) 2-1 Clay Mixed	S PS (U) 2-1 Clay	S PS U	S PS U
3. SOIL STRUCTURE (12-36 inches)	S (PS) Blocky U	S (PS) Weak Blocky U	S PS U	S PS U
4. SOIL DEPTH (inches)	S (PS) 36-46" U	S PS 30-36" (U)	S PS U	S PS U
5. RESTRICTIVE HORIZONS (Inches) (Impervious strata, Rock)	S (PS) 36" To Saprolite U	S PS 36" saprolite (U)	S PS U	S PS U
6. SOIL DRAINAGE/GROUNDWATER (external and internal)	(S) 36-46" To ground water PS U	S PS perched water Table 24-36" (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	IUB	IUB		
9. SITE CLASSIFICATION	unsuitable	unsuitable		
10. SOIL SERIES	Mecklenburg-Like	Iredell-Like		

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)

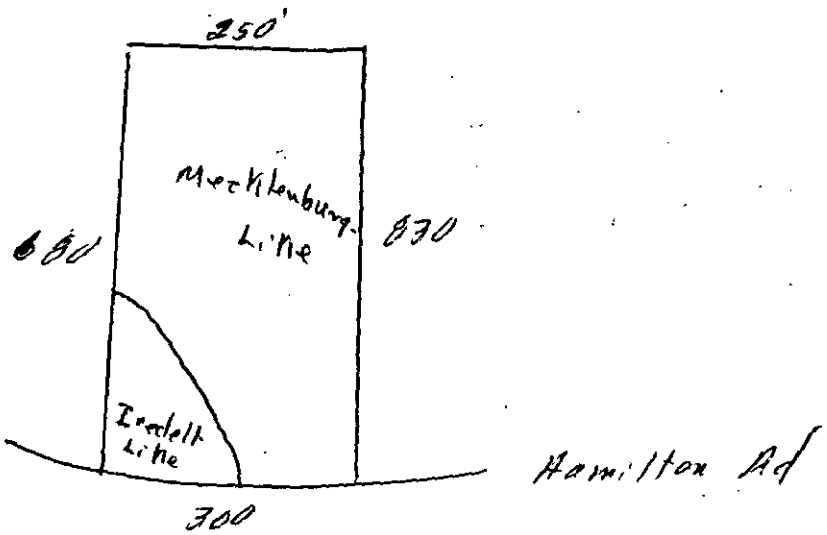
Recommendations/Comments:

Described by: William A. Martin
Title: Soil Scientist

Date: 2-22-84

EHD 539 (Revised: 6/82)

ZH


250'
Mecklenburg Line
680
830
Iredell Line
Hamilton Rd
300

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

SIR. NO. 20633
T.C. NO. P.O 219-081-02
DATE: 2-23-84

Margurite H. Boyd
Route 1, Box 48-S
Pineville, NC 28134

RE: Property located at Hamilton Road

Dear Ms. Boyd:

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 Agreemnt Form" provided by this office.

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

Sincerely,

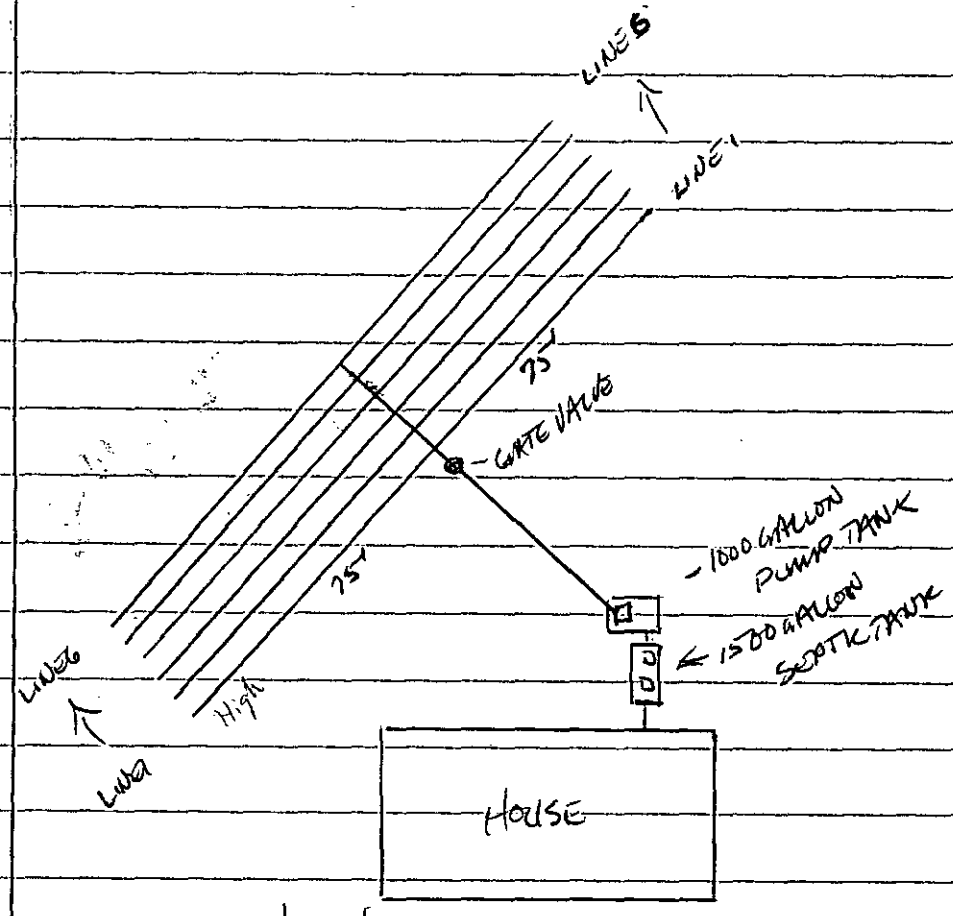
Bill D. Hardister, Jr.

Bill D. Hardister, Jr.
Environmental Health Supervisor

BDH/kbg

Enclosure

SIR 20633



MARGUERITE H. BOYD

LOT # 3 (C)

SIR # 20633

HAMILTON RD

DAILY WASTE FLOW	450 GPD (3 BEDROOM HOUSE)
SEPTIC TANK SIZE	1500 GALLON
PUMP TANK SIZE	1000 GALLON
EFFLUENT LOADING RATE	.1 GPD/FT² (MISSION BLVD T/PB SERIES)
ABSORPTION AREA	4500 FT²
TOTAL LENGTH OF LATERALS	900 LIN FT
LATERAL DIA.	1¼" 160 PSI PVC PIPE
LATERAL CONFIGURATION	12X75'
SUPPLY LINE LENGTH	20'
SUPPLY LINE DIA	2" SCH 40 PIPE
MANIFOLD PLACEMENT	BOTTOM Center
* HOLE SIZE, # HOLES, PRESSURE HEAD, FLOW PER HOLE	
TOTAL FLOW	60 GPM + 2 gpm syphon break or hole
ELEVATION HEAD	3' DOWNHILL (4' pump to surface)
Pressure Head	3'
FRICTION HEAD	2'
TOTAL HEAD	~~6~~ 9' 9'
PUMP REQUIREMENTS	62 gpm ~~60 FEET~~ AT ~~16~~ 9' TOTAL DYNAMIC HEAD
STORAGE VOL IN LATERALS	81 GALLONS
STORAGE VOL IN SUPPLY LINE	3 GALLONS
TOTAL STORAGE VOL	84 GALLONS
DOSING VOL	408 GALLONS
DOSING DEPTH	20 INCHES
NO CHECK VALVE NEEDED	

SPECS & LAYOUT BY Richard M. Dimond, RS. #655

	HOLE SIZE	# HOLES	PRESSURE/HEAD	FLOW PER HOLE	TOTAL FLOW
LINE 1	5/32"	12	2'	.41GPM	4.92GPM
2	↓	11	2½'	.45GPM	4.95GPM
3		11	2½"	.45GPM	↓
4		10	3'	.50GPM	5GPM
5	↓	↓	3'	↓	↓
6			3'		

REAL ESTATE BOOK PAGE

4814 0428

STATE OF NORTH CAROLINA
COUNTY OF MECKLENBURG

SEPTIC TANK AGREEMENT 20633

134

The undersigned, Marguerite Boyd, owner of property located at 12,032 Hamilton Rd., ("the Site") and described in instrument recorded in Book 2604 at Page 291, 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.

REV 5.00
CASH 5.00
15:17 #8010 000

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 4th day of April, 1984.

Marguerite Boyd (Seal)
(Seal)

FILED
APR 4 2 21 PM '84
ELECTRONIC REGISTRATION
JESSE E. CROWDER
REGISTER OF DEEDS
MECKLENBURG CO. N.

STATE OF NORTH CAROLINA
COUNTY OF MECKLENBURG

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

WITNESS my hand and notarial seal, this 4 day of April, 1984

Wanda Hawa
Notary Public
My Commission Expires: 7-4-84

STATE OF NORTH CAROLINA
COUNTY OF MECKLENBURG

I, _____, a Notary Public for said County and State, do hereby certify that _____ personally came before me this day and acknowledged that he is _____ of _____, 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 _____, sealed with its corporate seal and attested by _____.

WITNESS my hand and notarial seal, this _____ day of _____, 19 ___.

Notary Public
My Commission Expires: _____

Drawn By & Mail To: Environmental Health

REAL ESTATE
BOOK PAGE

4814 0429

State of North Carolina, County of Mecklenburg
The foregoing certificate(s) of Wanda Hawa

a Notary(~~xxx~~ Public of said County and State
is ~~xxx~~ certified to be correct. This 4 day of April, 19 84
Charles E. Crowder, Register of Deeds, By: Mary E Rice
DEPUTY

4.00
5.00

MECK COUNTY DEPARTMENT OF
RECEIVED
APR 12 1984
ENVIRONMENTAL HEALTH

Date Received 3-29-84

SEE INSTRUCTIONS ON BACK OF MECK COUNTY PERMIT

RECEIVED
MAR 29 1984
ENVIRONMENTAL HEALTH

ICAR(S) Application No. 20633

T. C. No. PO 219-081-02

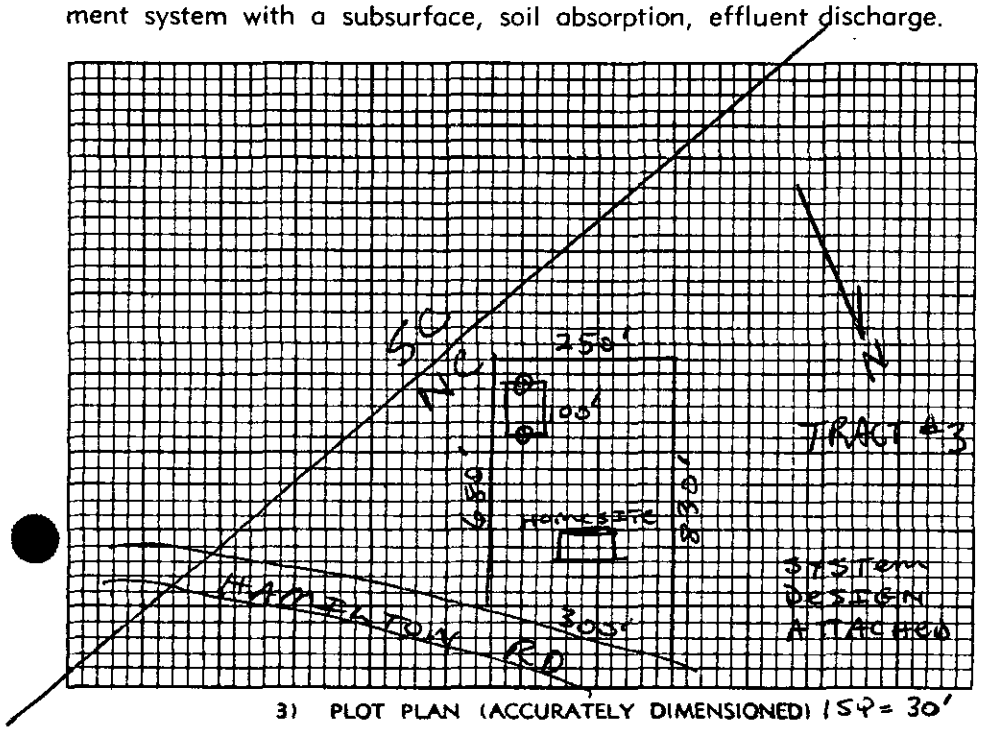
Map Date

MECKLENBURG COUNTY
DEPARTMENT OF ENVIRONMENTAL HEALTH

Application for an
Installation, Construction, Alteration, and/or Repair Permit
(Individual Septic Tank System with Subsurface, Soil Absorption, Effluent Discharge)

The owner of that property described hereinafter hereby applies to the Mecklenburg County Department of Environmental Health for a permit to:

1) X Install or Construct 2) _____ Alter or Repair an individual septic tank wastewater treatment system with a subsurface, soil absorption, effluent discharge.



3) PLOT PLAN (ACCURATELY DIMENSIONED) 1" = 30'

Mobile Home ____ Yes X (No)
Residence X (Yes) ____ No

4) No. of Bedrooms 3
5) Business Use — Max No Employees ____
6) Washing Machine X (Yes) ____ No
7) Garbage Disposal X (Yes) ____ No
8) Dishwasher X (Yes) ____ No
9) Water Supply:
A) Individual Well X
B) Governmental System ____
C) Community System:
1. Well source ____
2. Governmental source ____
10) Sewage System:
House located within 200 feet of public sewer ____ Yes X (No)
House located within 200 feet of community sewer ____ Yes X (No)
11) FHA Case No. ____
12) VA Case No. ____

13) NAME OF OWNER Morrison (LAST) David (FIRST) Wayne (MIDDLE)

14) ADDRESS OF OWNER 607 Belton St., Charlotte, NC. 28209

15) PHONE NO. Home 527-0610 Office ____

16) LOCATION OF SYSTEM 12032 Hamilton Rd. (SR 1106) (STREET OR COUNTY ROAD)

17) SUBDIVISION N/A Lot No. N/A Block No. N/A

Map Book No. N/A Page No. N/A

18) DEED REFERENCE — DEED BOOK 332 AT PAGE 446

19) HAS A SOIL INVESTIGATION BEEN RUN? X (YES) ____ NO DATE RUN 2/22/84

20) PTR NUMBER (See Instructions) SIR# 20633

The undersigned person hereby agrees that he has read the foregoing application and that the contents of same are true. It is understood that any permit applied for herein shall be void and of no effect if any of the above facts are not true.

3/29/84
DATE OF APPLICATION

David Wayne Morrison
OWNER

EHD-5-76

Environmental Health Department's Copy

Date Received 4-16-84

SEE INSTRUCTIONS ON BACK

MECK COUNTY DEPARTMENT
RECEIVED
APR 16 1984
ENVIRONMENTAL HEALTH

CAR(S) Application No. 20633

T. C. No. P0219-081-02

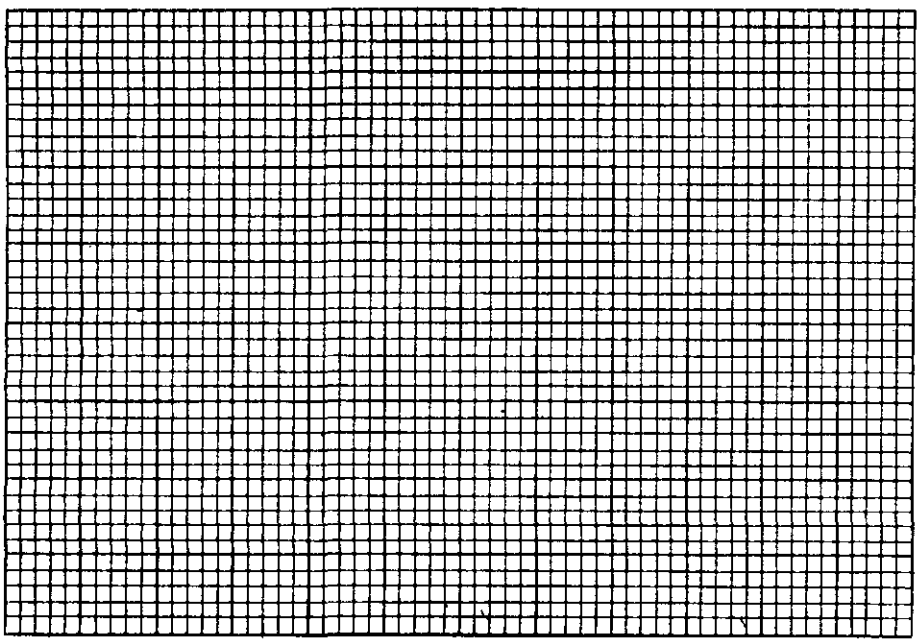
Map Date _____

MECKLENBURG COUNTY
DEPARTMENT OF ENVIRONMENTAL HEALTH

Application for an
Installation, Construction, Alteration, and/or Repair Permit
(Individual Septic Tank System with Subsurface, Soil Absorption, Effluent Discharge)

The owner of that property described hereinafter hereby applies to the Mecklenburg County Department of Environmental Health for a permit to:

1) X Install or Construct 2) _____ Alter or Repair an individual septic tank wastewater treatment system with a subsurface, soil absorption, effluent discharge.



3) PLOT PLAN (ACCURATELY DIMENSIONED)

Mobile Home ____Yes X No
Residence X Yes ____No

4) No. of Bedrooms 3
5) Business Use — Max No Employees _____
6) Washing Machine X Yes ____No
7) Garbage Disposal X Yes ____No
8) Dishwasher X Yes ____No
9) Water Supply:
   A) Individual Well X
   B) Governmental System _____
   C) Community System:
      1. Well source _____
      2. Governmental source _____
10) Sewage System:
   House located within 200 feet of public sewer ____Yes X No
   House located within 200 feet of community sewer ____Yes X No
11) FHA Case No. _____
12) VA Case No. _____

13) NAME OF OWNER Braswell (LAST) Roger (FIRST) Steven (MIDDLE)

14) ADDRESS OF OWNER PO Box 7067 Char NC 28217

15) PHONE NO. Home 704-882-1026 Office 704-375-7555

16) LOCATION OF SYSTEM 12032 Hamilton Rd (SR1106) (STREET OR COUNTY ROAD)

17) SUBDIVISION N/A Lot No. N/A Block No. N/A

Map Book No. N/A Page No. N/A

18) DEED REFERENCE — DEED BOOK 332 AT PAGE 446

19) HAS A SOIL INVESTIGATION BEEN RUN? X YES _____ NO DATE RUN 2/22/84

20) PTR NUMBER (See Instructions) 20633

The undersigned person hereby agrees that he has read the foregoing application and that the contents of same are true. It is understood that any permit applied for herein shall be void and of no effect if any of the above facts are not true.

4-16-84
DATE OF APPLICATION

Roger S. Braswell
OWNER

EHD-5-76

Environmental Health Department's Copy

Serial No. 7426

SIR No. 20633

Date Issued 4-26-84

T. C. No. PO 219-081-02

Map Date L

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 Braswell, (LAST) Roger (FIRST) S. (MIDDLE)

ADDRESS OF OWNER P. O. Box 7067, Charlotte, NC ZIP 28217

LOCATION OF LOT 12032 Hamilton Road (STREET OR COUNTY ROAD)

SUBDIVISION _____ LOT NO _____ BLOCK NO. _____

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 20633. 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.

*** AGREEMENT FORM ON FILE ***

Environmentalist

Environmental Health Director, or Authorized Section Head

EHD-5-76

Environmental Health Department's Copy