Date Received 4/22/77

MECKLENBURG COUNTY DEPARTMENT OF ENVIRONMENTAL HEALTH
RECEIVED
APR 15 1977
ENVIRONMENTAL HEALTH

APT No. 12241
T. C. No. 99 131 03
Map Date 7 1 1 75

MECKLENBURG COUNTY
DEPARTMENT OF ENVIRONMENTAL HEALTH

APPLICATION FOR SOIL INVESTIGATION

1) NAME OF OWNER BRIDGES (LAST) HUGH (FIRST) A. (MIDDLE)

2) ADDRESS OF OWNER RT. 3 BOX 299 CHARLOTTE NC ZIP 28210

3) PHONE NO. Home 588-1109 Office 376-4461

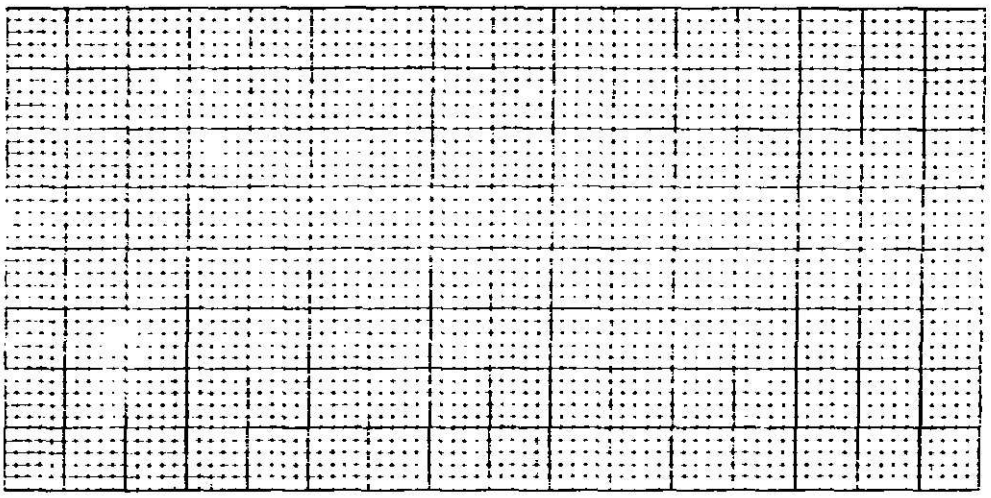
4) LOCATION OF PROPERTY SAM NEELY ROAD # 1118 (STREET OR COUNTY ROAD)

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

MAP BOOK NO 199-131-03 PAGE NO. _____

6) DEED REFERENCE: DEED BOOK 1768 PAGE NO. 81

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

Hugh A Bridges
OWNER

EHD-5-76

Environmental Health Department's Copy

SOIL INVESTIGATION REPORT

Date of Investigation April 22, 1977 APT NO. 12241

Owner Hugh A. Bridges P.O. 194-131-03

Location of Property San Nely Rd.

Soil Suitability Ratings

Soil Properties	Soil 1	Soil 2	Soil 3	Soil 4
1. Soil Series	Tradell			
2. Soil Slope	Suitable 2-6%			
3. Soil Depth	unsuitable 30"			
4. Soil Texture	unsuitable 2-1 Expanding Clay			
5. Soil Structure	unsuitable massive			
6. Restrictive Horizons	-			
7. Soil Drainage	unsuitable perched high water Table			
8. Soil Permeability (Percolation Rate)	unsuitable slow 72.00 Min/in			
9. Other				
10. Overall Rating	unsuitable			

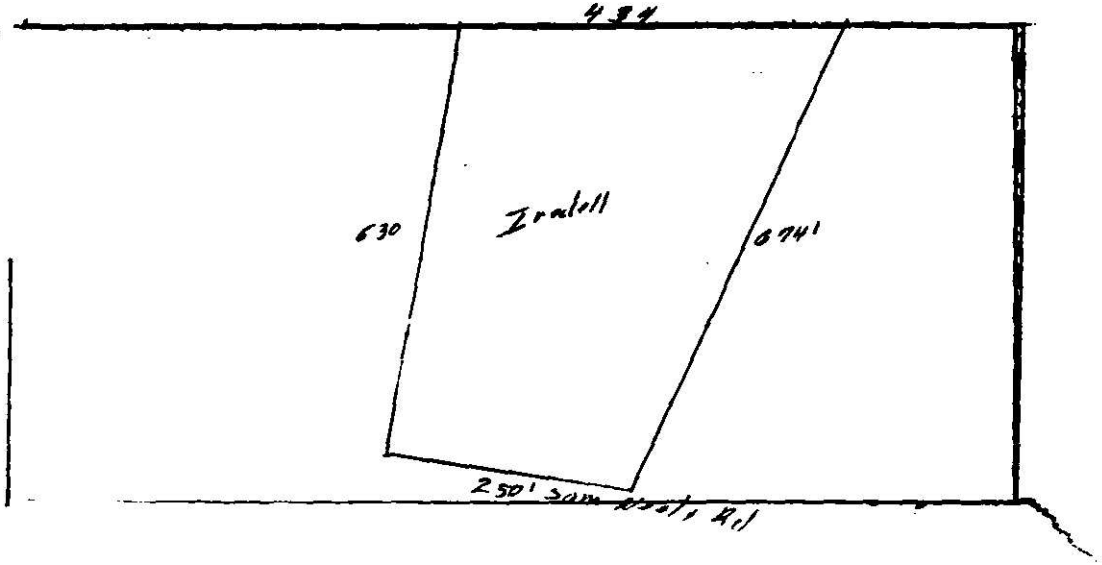
Remarks/~~Recommendations~~ Based on this investigation, soils unsuitable for installation of septic tank system were found on the lot.

See diagram on back

William R. Martin
Soil Scientist

3/10/75
EHE 539

DIAGRAM OF PROPERTY



3/18/75

FHA 535

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

DATE ISSUED
1. 4-26-77
2. _____
3. _____

SITE INVESTIGATION REPORT
INDIVIDUAL SEPTIC TANK SYSTEM
WITH SUBSURFACE,
COIL ABSORPTION,
EFFLUENT DISCHARGE

SIP NO. 12241
T.C. NO. P.0.199-131-03
MAP NO. _____

NAME OF OWNER Bridges, Hugh A.

ADDRESS OF OWNER Route 3, Box 299, Charlotte, N.C. 28210

LOCATION OF LOT Sam Neely Road

The lot described above is not recommended for the installation of an individual septic tank system with subsurface, soil absorption, effluent discharge due to the following:

Soil Permeability Unsuitable

Percolation Rate in excess of 200min/in.

John R. Adkisson

John R. Adkisson, Environmentalist
On Premises Waste Disposal Branch

JRA: glr

(Stencil No.)
EHD 389
8/74

FORM NO.
D-1-8-21-74

MECKLENBURG COUNTY

DEPARTMENT OF ENVIRONMENTAL HEALTH

INTER-OFFICE COMMUNICATION

DATE: October 26, 1977

TO: Mr. T. W. Bivens
Director

FROM: William R. Marlin
William R. Marlin
Soil Scientist

SUBJECT: Hugh A. Bridges Property

Soil investigations to determine site suitability for the installation of septic tank systems were conducted on the property of Hugh A. Bridges, Route 3, Box 299, Charlotte, North Carolina. The investigations were requested by Mr. Bridges and made on April 25, 1977. Three tracts of land were involved. Two of the tracts (APT # 12242 and 12243, having Tax Code Numbers: P.O.199-121-04) are each approximately one and one-half acres in size. These lots are located in an open field in the point between Sam Neely and Sledge roads. The lot with APT#12242 has frontage on Sam Neely Road and the lot with APT#12243 has frontage on Sledge Road. Both lots have a common rear property line.

The third tract, APT#12241, has frontage on Sam Neely Road and is approximately five acres in size. This tract is wooded.

The soils on all three tracts were found to be of the Iredell series. These soils have extremely plastic and sticky clay horizons that contain the expanding mineral montmorillonite. Also, the soils are shallow, with the depth to weathered rock (saprolite) varying from approximately thirty to forty-eight inches.

The soils have a perched water table, as indicated by gray mottling found in borings on all three tracts. The large tract (APT#12241) showed evidence that water collects upon and remains on various areas of the lot for extended periods of time. Subsequently, the findings from the investigations are such that the three lots are classified as unsuitable for the installation of septic tank systems, according to North Carolina Department of Human Resources septic tank system regulations.

Another visit was made to the Bridge's property on August 29, 1977. Present were: Dean Harrill, District Sanitarian, N.C. Department of Human Resources; Sam Rich, Consumer Services Program Manager, Mecklenburg Environmental Health Department; Hugh Bridges; and William R. Marlin, Soil Scientist with the Mecklenburg County Environmental Health Dpeartment. Dean Harrill had been requested by his supervisor to make an inspection of the Bridge's property.

As a result of the visit, Mr. Harrill confirmed the findings of the soils investigations that had been made in April. Mr. Bridges was advised of this confirmation at the time of the visit. Additional borings were made on all three tracts.

WRM:glr

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

SITE INVESTIGATION REPORT
INDIVIDUAL SEPTIC TANK SYSTEM WITH SUBSURFACE, SOIL ABSORPTION, EFFLUENT DISCHARGE

SIR.NO. 12241
T.C. NO. P.O.188-131-03
MAP DATE 7-17-75
DATE 11-9-77

NAME OF OWNER Bridges, Hugh A.

ADDRESS OF OWNER Route 3, Box 299, Charlotte, N.C. 28210

LOCATION OF LOT San Neely Road

A review of the plans for the installation of an alternate sewage disposal system on the above identified property have been approved.

Upon receipt in our office of the enclosed Application for Installation of this system and a copy of the executed agreement forms*for the property in question, an approval of lot for installation of the system will be sent to you and a copy will go to the Building Inspection Department immediately.

* One copy to be forwared to the Department of Environmental Health.
One copy to be retained by the Register of Deed's Office.
One copy to be retained by the property owner.

SCR:glr

Enclosures (4)

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

SITE INVESTIGATION REPORT
INDIVIDUAL SEPTIC TANK SYSTEM
WITH SUBSURFACE,
SOIL ABSORPTION,
EFFLUENT DISCHARGE

SIR.NO. 12241
T.C. NO. P.O.199-131-03
MAP DATE 7-17-75
DATE 11-9-77

NAME OF OWNER Bridges, Hugh A.

ADDRESS OF OWNER Route 3, Box 299, Charlotte, N.C. 28210

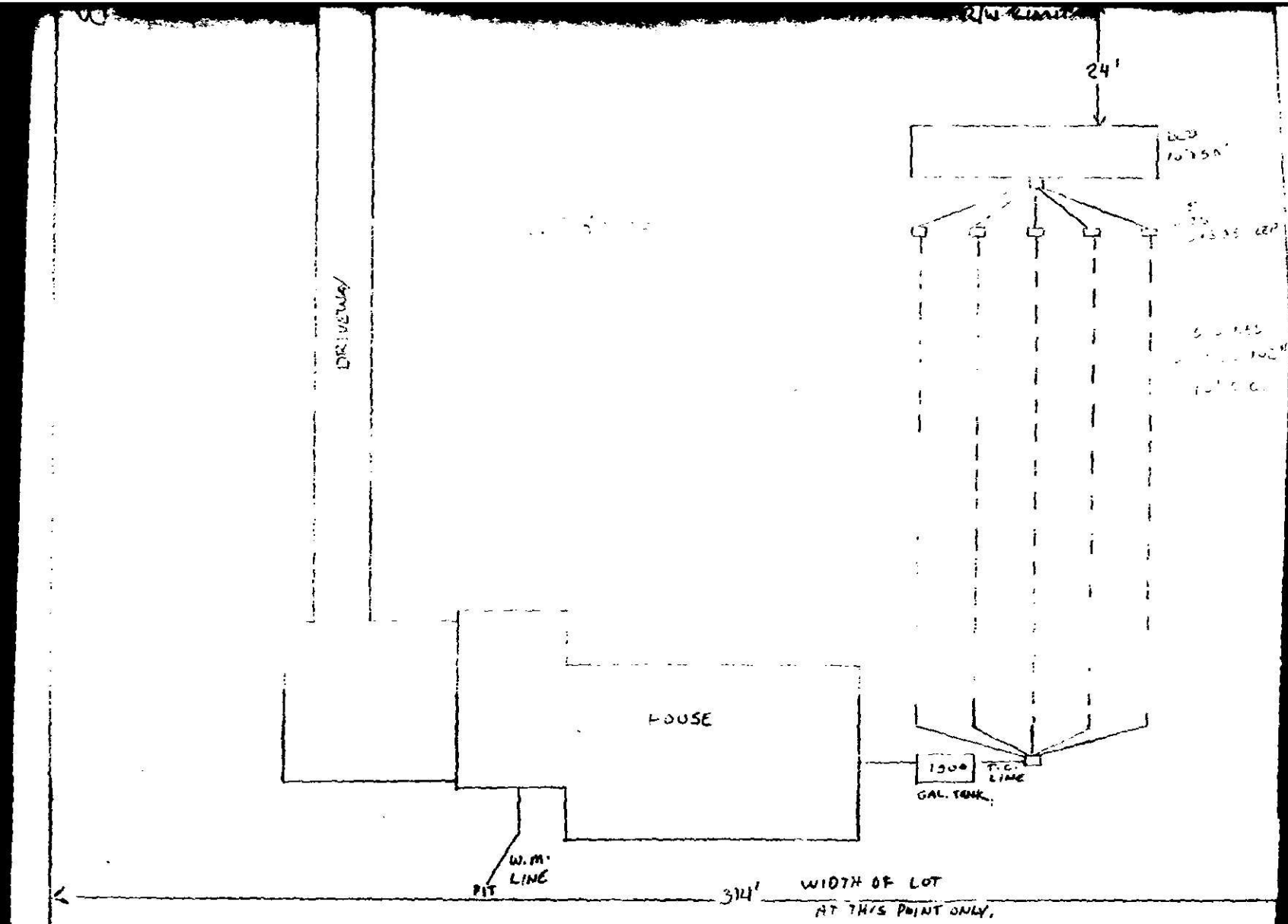
LOCATION OF LOT Sam Neely Road

A review of the plans for the installation of an alternate sewage disposal system on the above identified property have been approved.

Upon receipt in our office of the enclosed Application for Installation of this system and a copy of the executed agreement forms for the property in question, an approval of lot for installation of the system will be sent to you and a copy will go to the Building Inspection Department immediately.

SCR:glr

Enclosures (4)



PROPOSED INSTALLATION TO BE CONSTRUCTED ON SAM NEELY RD.

T.C. Number P.O. 199-131-03

APT # 12241

PRESENTED FOR REGISTRATION
'78 FEB 15 PM 12 16
REGISTER OF DEEDS MECKLENBURG CO. N.C.

COPY

The undersigned Hugh-Av-Bridges VERNON H. BRIDGES
Sam Neely Rd. (Parcel #: P.O.199-131-03) , owner of
property located at ("the site")
and described in instrument recorded in Book 1768 at Page 81
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 "provisionally suitable" 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 acknowledgments 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 13th day of February , 1978.

Vernon H. Bridges (SEAL)

_____ (SEAL)

STATE OF NORTH CAROLINA
COUNTY OF MECKLENBURG

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

WITNESS my hand and notarial seal, this 13th day of February, 1978.

B.R. Cato
Notary Public
My Commission Expires: July 29, 1981

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

SEE INSTRUCTIONS ON BACK

Date Received 16 Feb 1978

ICAR(S) Application No. [illegible]

T. C. No. 199-131-03

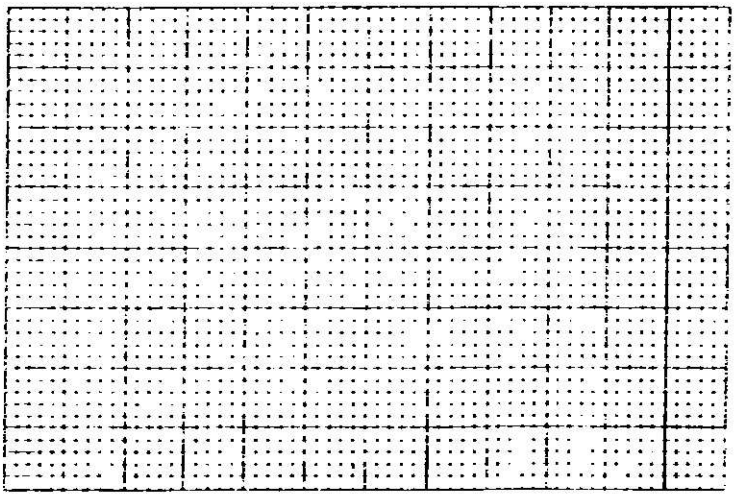
Map Date 9-11-[illegible]

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 BRIDGES (LAST) VERNON (FIRST) HUGH (MIDDLE)

14) ADDRESS OF OWNER 2833 MAJOR ROAD CHARLOTTE, NC 28209

15) PHONE NO Home 332-[illegible]51 Office 374-5[illegible]

16) LOCATION OF SYSTEM [illegible] CHARLOTTE, NC 28210 (STREET OR COUNTY ROAD)

17) SUBDIVISION ___ Lot No. ___ Block No. ___

Map Book No. 178 Page No. 81

18) DEED REFERENCE — DEED BOOK 3988 4025 AT PAGE 0559 0728

19) HAS A SOIL INVESTIGATION BEEN RUN? ✓ YES ___ NO DATE RUN [illegible]

20) PTR NUMBER (See Instructions) [illegible]

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.

FEBRUARY 13, 1978
DATE OF APPLICATION

Vernon H. Bridges
OWNER

EHD-5-76

Environmental Health Department's Copy

Serial No. 1538

LA No. 12241

Date Issued 16 February 1978 mn

T. C. No. po 199 131 03

Map Date

MECKLENBURG COUNTY
DEPARTMENT OF ENVIRONMENTAL HEALTH

IMPROVEMENT PERMIT
TO THE BUILDING INSPECTION DEPARTMENT

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

NAME OF OWNER BRIDGES, (LAST) Vernon (FIRST) H. (MIDDLE)

ADDRESS OF OWNER 2833 Manor Rd., Charol,N.C. ZIP 28209

LOCATION OF LOT San Neely Rd., Charlotte, N.C. (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 _____. 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, altred, 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 signed and presented for recording 15 February 1978

John M. Johnson

Environmentalist

Environmental Health Director, or Authorized Section Head

EHD-5-74

Environmental Health Department's Copy

Date Issued 18 Sep 1978 Serial No. 1892 C of A (s) No. 12241

T. C. No. 199-131-03

MECKLENBURG COUNTY
DEPARTMENT OF ENVIRONMENTAL HEALTH

ENVIRONMENTAL HEALTH DIVISION

CERTIFICATE OF COMPLETION
CERTIFICATE OF APPROVAL

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

Name of Owner Bridges (LAST) Vernon (FIRST) H. (MIDDLE)

Location of Property Sam Neeley Road

Application Number _____ Permit Number 12241

Inspection Data:

Liquid Capacity of Tank 1500 gal Tank Material pre cast

Total Length of Drain Tile 500 lf Number of Lines 5

Depth of Filter Material 17" Cover Depth 15"-24"

Water Supply Source well Distance from Water Source 50' +

Excavation Inspected — (DATE) Tank Inspected 9-18-78 (DATE)

Nitrification Field Inspected 9-18-78 (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 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

agreement form signed

John R Atkisson

Environmentalist

EHD-5-76

Environmental Health Department's Copy