Date Received 4/2/77

APT No. 1243
P.D.
T. C. No. 199-121-04

Map Date 3-21-75

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, N.C. ZIP 28210

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

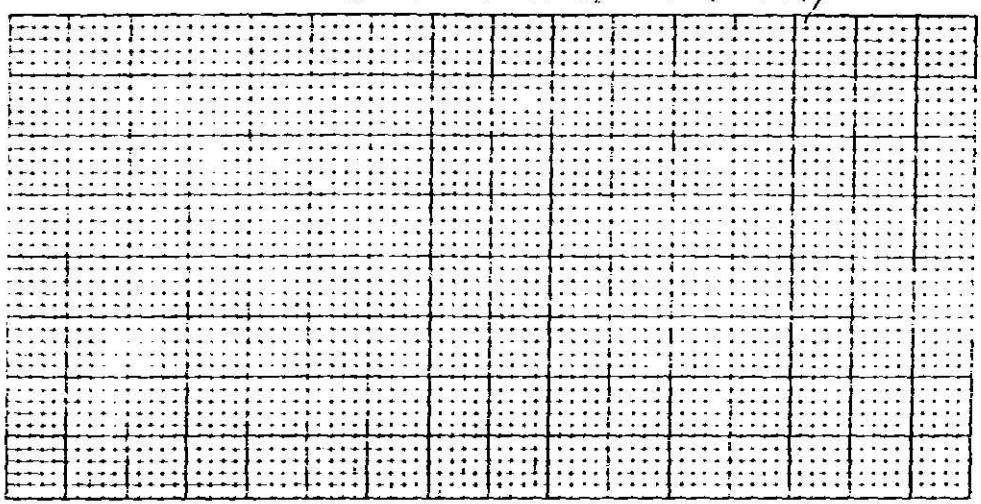
4) LOCATION OF PROPERTY SLEDGE ROAD (STREET OR COUNTY ROAD) 1119

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

MAP BOOK NO 199-121-04 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 25, 1979 APT NO. 12243

Owner Hugh A. Bridges Lic. 142-121-04

Location of Property Hedge Rd. Lot #1

Soil Suitability Ratings

Soil Properties	Soil 1	Soil 2	Soil 3	Soil 4
1. Soil Series	Evadell			
2. Soil Slope	Suitable 2-6%			
3. Soil Depth	unsuitable 30"			
4. Soil Texture	unsuitable 2-1 Estimate Clay			
5. Soil Structure	Unsuitable Massive			
6. Restrictive Horizons	—			
7. Soil Drainage	unsuitable perched high water Table			
8. Soil Permeability (Percolation Rate)	unsuitable V. Slow >200 Min/in			
9. Other				
10. Overall Rating	unsuitable			

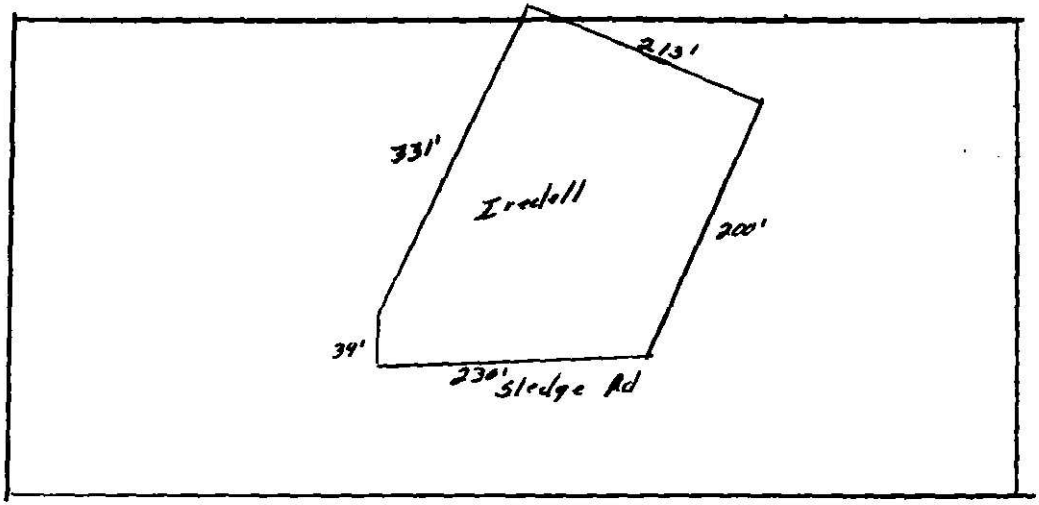
Remarks:
Recommendations Based on this investigation, soils unsuitable for the installation of a septic tank system were found on the lot.

See diagram on back

William A. Merlin
Soil Scientist

3/18/75
EHD 539

DIAGRAM OF PROPERTY



3/18/75

EM 539

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

DATE ISSUED
1. 4-25-77
2. _____
3. _____

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

SIP NO. 12243
T.C. NO. 199-121-04
I.P. DATE _____

NAME OF OWNER Bridges, Hugh A.

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

LOCATION OF LOT Sledge Road, Lot 1

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 unsiutable

Percolation Rate in excess of 200 min/in.

John R. Adkisson
John R. Adkisson, Environmentalist
On Premises Waste Disposal Branch

JRA: glr

(Stencil No.)
EHD 368
8/74

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

R

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.0.199-121-04) 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. 12243
T.C. NO. P.O.188-121-04
MAP DATE 2-21-75
DATE 11-9-77

NAME OF OWNER Bridges, Hugh A.

ADDRESS OF OWNER Route 3, Box 299, Charlotte, NC 28210

LOCATION OF LOT Sledge 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)

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. 12243
T.C. NO. P.O.199-121-04
MAP DATE 2-21-75
DATE 11-9-77

NAME OF OWNER Bridges, Hugh A.

ADDRESS OF OWNER Route 3, Box 299, Charlotte, NC 28210

LOCATION OF LOT Sledge Road

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* 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)

Date Received 4/22/77

MECK COUNTY DEPARTMENT OF
RECEIVED
APR 22 1977

APT No. 12244
P.O.
T. C. No. 199-211-23

Map Date

MECKLENBURG COUNTY
DEPARTMENT OF ENVIRONMENTAL HEALTH

APPLICATION FOR SOIL INVESTIGATION

1) NAME OF OWNER WITNERS (LAST) HANNAH (FIRST) J (MIDDLE)

2) ADDRESS OF OWNER % J.R. CRAIGHILL 2736 NCNB PLAZA CHARLOTTE NC ZIP 28280

3) PHONE NO. Home 332 5744 Office 375 1550

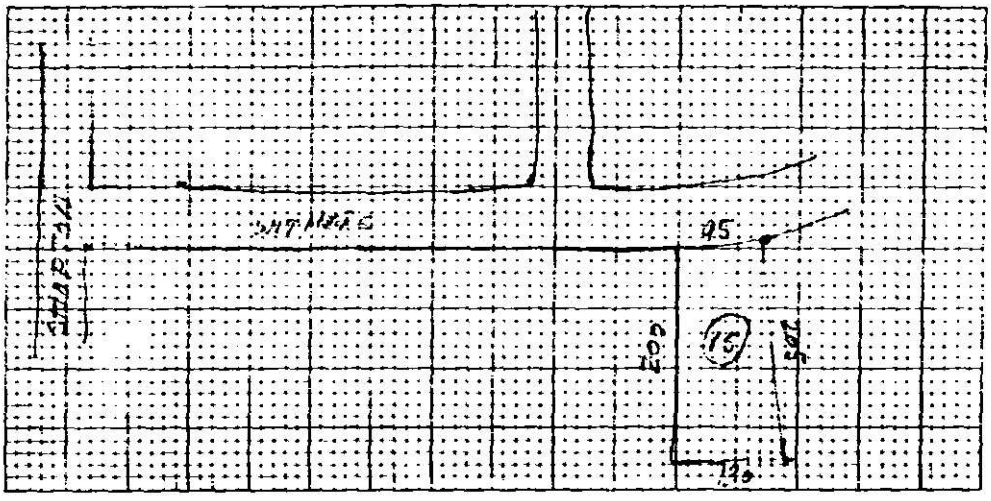
4) LOCATION OF PROPERTY WITNERS ROAD (STREET OR COUNTY ROAD)

5) SUBDIVISION RIVERWOOD LOT NO. 15 BLOCK NO.

MAP BOOK NO UNRECORDED PAGE NO.

6) DEED REFERENCE DEED BOOK PAGE NO.

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7) ACCURATELY DIAGRAM & DIMENSION LOT

J. Witners
OWNER

EHD-5-76

Environmental Health Department's Copy