Date Received 7/1/77

APT No. 12811

T. C. No. [redacted]

Map Date 1-14-77

MECKLENBURG COUNTY
DEPARTMENT OF ENVIRONMENTAL HEALTH

APPLICATION FOR SOIL INVESTIGATION

1) NAME OF OWNER McQuage (LAST) Jim (FIRST) Dudley (MIDDLE)

2) ADDRESS OF OWNER 2701 Hilliard Drive ZIP 28205

3) PHONE NO Home 537-6355 Office

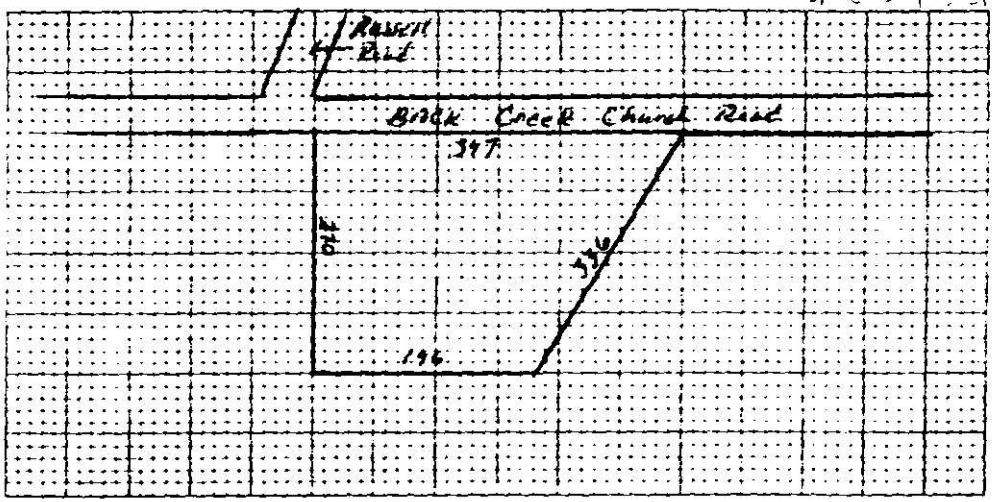
4) LOCATION OF PROPERTY Back Creek Church Road (STREET OR COUNTY ROAD)

5) SUBDIVISION LOT NO 14 BLOCK NO. 191

MAP BOOK NO 51 PAGE NO 19

6) DEED REFERENCE DEED BOOK 3033 PAGE NO 567

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

Jim Dudley McQuage
OWNER

EHD 5-76

Environmental Health Department's Copy

DEPARTMENT OF HUMAN RESOURCES
DIVISION OF HEALTH SERVICES

APPENDIX H

SITE EVALUATION APT 12811

(Ground Absorption Sewage Disposal) TC 051-171-14

OWNER: Jim Dudley Mr Quagy DATE REQUESTED: 7-7-77

ADDRESS: 2101 Hillcrest Dr. Charlotte PLAT NO.:

COUNTY: LOT SIZE: 88,000 sq. Ft

LOCATION OF SITE: Back Creek Church Rd

FACTORS	AREA 1	AREA 2	AREA 3	AREA 4
1. SLOPE (%)	S PS 2-6% U	S PS 2-6% U	S PS U	S PS U
2. SOIL TEXTURE (12-36 in.) (Sandy, loamy, clayey, Note 2:1 clay)	S 2:1 PS Expanding U clay	S 2:1 PS Expanding U clay	S PS U	S PS U
3. SOIL STRUCTURE (12-36 in.) (Clayey soils)	S PS Massive U	S PS Massive U	S PS U	S PS U
4. SOIL DEPTH (In.)	S 46" PS U	S 46" PS U	S PS U	S PS U
5. RESTRICTIVE HORIZONS (In.) (Impervious Strata, rock)	S PS U	S PS U	S PS U	S PS U
6. SOIL DRAINAGE/GROUNDWATER (External & Internal)	S 76" To PS water U Table	S seasonal PS perched U high water table	S PS U	S PS U
7. SOIL PERMEABILITY (Percolation Rate)	S slow PS >200 min/in U	S slow PS >200 min/in U	S PS U	S PS U
8. OTHER (Specify)	S PS U	S PS U	S PS U	S PS U
9. SITE CLASSIFICATION*	unsuitable	unsuitable		
SOIL SERIES	Enon	Helena		

S - Suitable PS - Provisionally Suitable U - Unsuitable

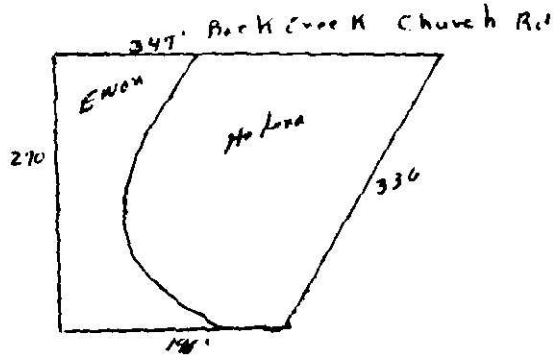
* See Diagram on Back (Include: Soil areas, property lines, roads, streams, gullies, wet areas, fill areas, wells, water bodies, slope patterns, etc.)

Recommendations/Comments: Based on the investigation, the site at the location was found to be unsuitable for installation of a septic tank system.

Described By: William R Martin

Title: Soil Scientist Date: July 12, 1977

DHS Form 2601 (2/77)
Sanitation


347' Rock Creek Church Rd
E/W ROW
No Line
270
336
190'

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

DATE ISSUED
1. 7-14-77
2. _____
3. _____

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

SIP NO. 12811
T.C. NO. 051-191-14
M.F. DATE 1-14-77

NAME OF OWNER: **McQuage, Jim Dudley**

ADDRESS OF OWNER: **2701 Williard Drive, Charlotte, NC 28205**

LOCATION OF LOT: **Back Creek Church Road, Lot 14, Block 191**

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 Structure Massive.

Soil Permeability Unsuitable.

John R. Adkisson

John R. Adkisson, Environmentalist
On Premises Waste Disposal Section

JRA:glr

(Stencil No.)
EHD 338
8/74

FORM NO.
E-19-8-21-74

Certified Mail #571184

MECKLENBURG COUNTY
DEPARTMENT OF ENVIRONMENTAL HEALTH
[illegible] BOULEVARD
CHARLOTTE NORTH CAROLINA 28203

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

SIR.NO. 12811
T.C. NO. 051-191-14
MAP DATE 1-14-77
DATE 12-19-77

NAME OF OWNER McQuage, Jim Dudley

ADDRESS OF OWNER 2701 Hilliard Dirve, Charlotte, NC 28205

LOCATION OF LOT Back Creek Church Road, Lot 14, Block 191

At your request and pursuant to Section.1900 of the North Carolina Administrative Code, Title 10, Department of Human Resources, Chapter 10, Health Services, Subchapter 10A, a site evaluation has been made for an on premises ground absorption sewage disposal system on the property designated above and the following conditions were found:

Soil Structure Massive.
Soil Permeability Unsuitable.

Section 10 of the North Carolina Administrative Code 10A, .1910 of these regulations states "Sites originally classified as unsuitable may be used for soil absorption disposal systems, provided engineering, hydrogeologic, and soils studies indicate to the local agency that a suitable septic tank system or a suitable alternate system can reasonably be expected to function satisfactorily.

Section 10, North Carolina Administrative Code 10A, .1916 states that "The design, construction, and maintenance of ground absorption sewage systems, whether septic tank systems or alternate systems shall be the responsibility of the owner, developer, installer, and user of the system as applicable in the circumstances."

We would also advise you that according to Regulation 10, North Carolina Administrative Code 10A, .1916 (b), "Actions of representatives of state or local agencies engaged in the evaluation and determination of measures required to effect compliance with the provisions of this section shall in no way be taken as a guarantee that sewage disposal systems approved and permitted will function in a satisfactory manner for any given period of time or that such employees assume any liability for damages, consequential or direct, which are caused or which may be caused, by a malfunction of such system.

These regulations became effective July 1, 1977. Since that time the second sentence of Section .1910 (c) has been found to be nugatory. For this reason, if you desire to file for permission to install an "alternate" system you should present this office with your proposals in the form of plans and specifications. These would be reviewed and if it is found that the system may reasonably be expected to function satisfactorily approval may be given on the execution by you of a "Septic Tank Agreement Form" available in this office.

John R Atkisson
Environmentalist
On Premises Waste Disposal Section