✓ Date Received 5/10/77

APT No. 1253

T. C. No. 015-171-05

Map Date —

MECKLENBURG COUNTY
DEPARTMENT OF ENVIRONMENTAL HEALTH

APPLICATION FOR SOIL INVESTIGATION

1) NAME OF OWNER _____ (LAST / FIRST / MIDDLE)

2) ADDRESS OF OWNER _____ ZIP _____

3) PHONE NO. Home 375-1621 Office _____

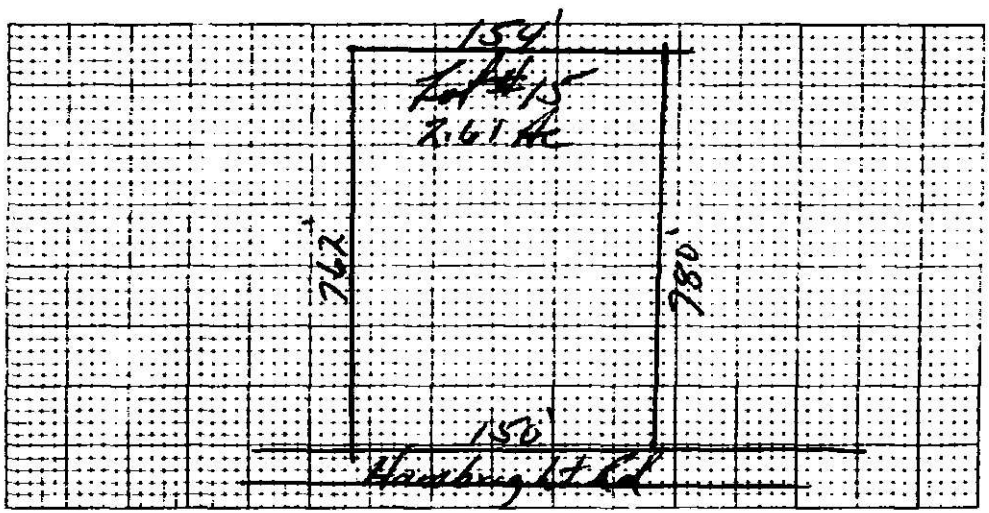
4) LOCATION OF PROPERTY _____ (STREET OR COUNTY ROAD)

5) SUBDIVISION _____ LOT NO. 15 BLOCK NO. _____

MAP BOOK NO. — PAGE NO. —

6) DEED REFERENCE DEED BOOK 0828 PAGE NO. 205

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

OWNER _____

EHD-5-76

Environmental Health Department's Copy

SOIL INVESTIGATION REPORT

Date of Investigation May 20, 1977 APT NO. 12373

Owner A. R. Henderson

Location of Property Hambright Rd. lot No. 15 Taylor No. 015-191-05

Soil Suitability Ratings

Soil Properties	Soil 1	Soil 2	Soil 3	Soil 4
1. Soil Series	Cecil-	Mecklenburg	HELENA	Chewacla
2. Soil Slope	Intergradient suitable 2-6%		suitable 2-6%	—
3. Soil Depth	suitable >48"		suitable >48"	—
4. Soil Texture Core 2:	provisionally suitable clay		unsuitable 2:1 EXPANDING clay	—
5. Soil Structure	provisionally suitable blocky		unsuitable massive	—
6. Restrictive Horizons	—		—	—
7. Soil Drainage	suitable water table >6'		unsuitable → perched high water table	unsuitable poorly drained
8. Soil Permeability (Percolation Rate)	provisionally suitable moderate		unsuitable very slow >200 min/in	unsuitable seasonal high water table 6"-18" from surface
9. Other	90 min/in.		—	unsuitable floods
10. Overall Rating	provisionally suitable		unsuitable	unsuitable

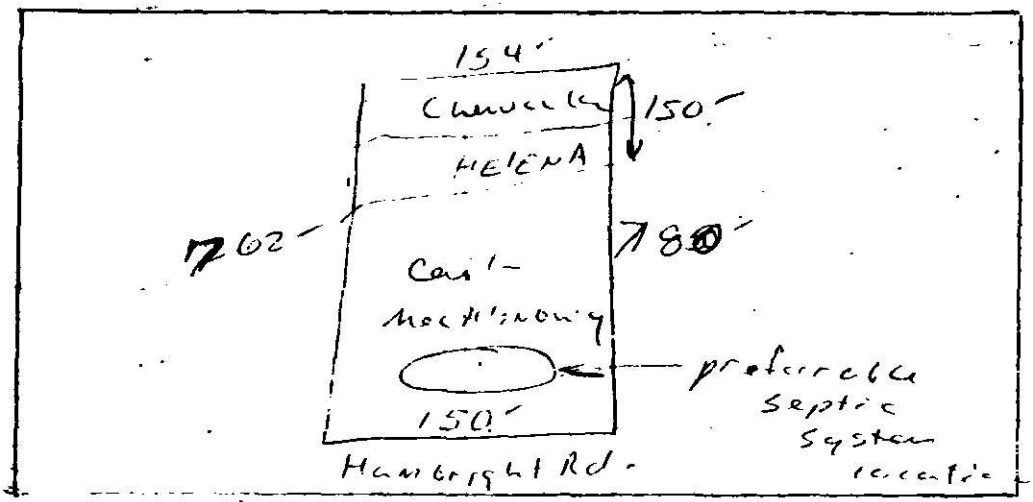
Recommendations Based on this investigation, the lot was found to have an acceptable area of provisionally suitable soils for installation of a septic tank system. System design should be based on a percolation rate of 90 min/in and should be placed in the area of intergradient soils.

See diagram on back

Edward Casnet
Soil Scientist

3/18/75
EHD 539

DIAGRAM OF PROPERTY



3/18/75
EHD 539

Serial No. 0841

PTR No. 12373

T. C. No. P.0.015-191-05

Date Issued 5/27/77

Map Date ~

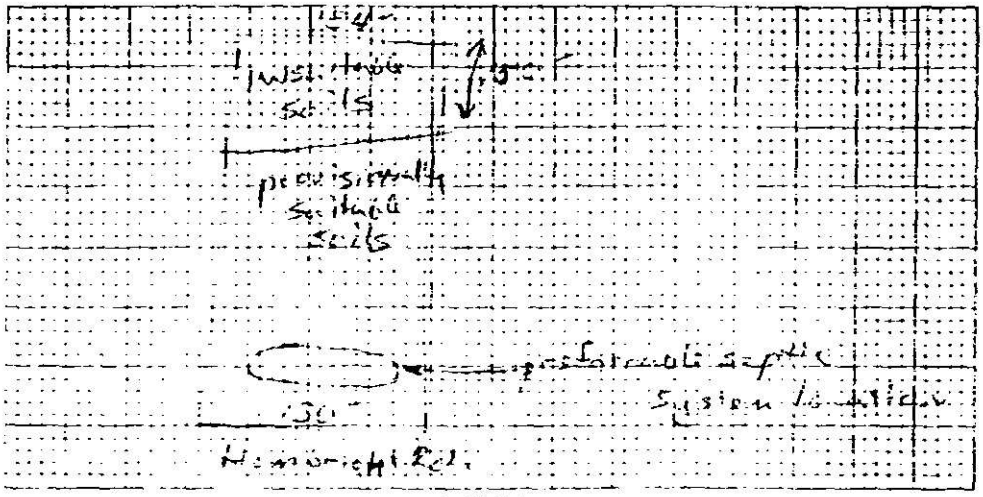
MECKLENBURG COUNTY
DEPARTMENT OF ENVIRONMENTAL HEALTH
SOIL INVESTIGATION REPORT

NAME OF OWNER Henderson (LAST) Andrew (FIRST) R. (MIDDLE)

ADDRESS OF OWNER Rt. 3, Box 215, Huntersville, N. C. ZIP

LOCATION OF PROPERTY Hambright Road (STREET OR COUNTY ROAD)

SUBDIVISION LOT NO. 15 BLOCK NO.



PLOT PLAN

This [illegible] Mecklenburg County Department of Environmental Health [illegible] soil investigation was conducted on [illegible] Provisionally Suitable

The percolation test [illegible] was 90Min./In. The said lot is approved for the [illegible] with subsurface soil absorption [illegible] the following terms and conditions:

1. [illegible] the Mecklenburg County Depart[illegible] the waste-water treatment [illegible]
2. The [illegible] system shall [illegible] be designated by the Mecklenburg County Department of Environmental Health [illegible] obtained above or [illegible]
3. The [illegible] system is located in the approximate area indicated as acceptable for system installation on the plot plan.
4. The [illegible] grading of the construction [illegible] well performed on the lot which in the opinion of the Mecklenburg County Department of Environmental Health renders the area indicated as acceptable for system installation [illegible] construction [illegible] of such system.

This approval is granted based on the laws of the State of North Carolina and the rules and regulations of the North Carolina Department of Human Resources, Division of Health Services and the Mecklenburg County Health Commission which were in effect on the date of issuance and is void if at any time in the future prior to completion of the system, these laws, rules and regulations are changed such that this approval would not have been granted had the new or revised laws, rules, and regulations been in effect on the issue date.

[illegible]
Soil Scientist

John A. Abraham
Environmental Health Director or Authorized Section Head

EHD-5-76

Environmental Health Department's Copy