Date Received 4/29/77

APT No. 12290
P.D.
T. C. No. 211-011-05

Map Date 6.4.76

MECKLENBURG COUNTY
DEPARTMENT OF ENVIRONMENTAL HEALTH

APPLICATION FOR SOIL INVESTIGATION

1) NAME OF OWNER Abernathy (LAST) W. (FIRST) S. (MIDDLE)

2) ADDRESS OF OWNER 6320 Providence ZIP

3) PHONE NO. Home 366-6574 Office 372-2630

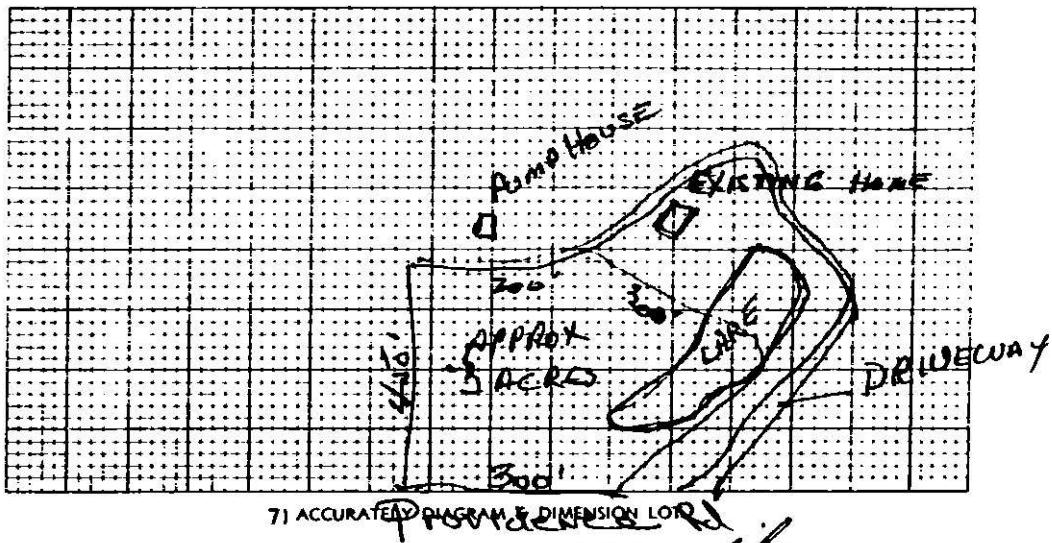
4) LOCATION OF PROPERTY Providence Rd (STREET OR COUNTY ROAD)

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

X W. S. Abernathy
OWNER

EHD-5-76

Environmental Health Department's Copy

SOIL INVESTIGATION REPORT

Date of Investigation April 29, 1977 AET NO. 12290

Owner W. L. Abernathy

Location of Property Providence Rd. Tax Code No. 211-01-05

Soil Suitability Ratings

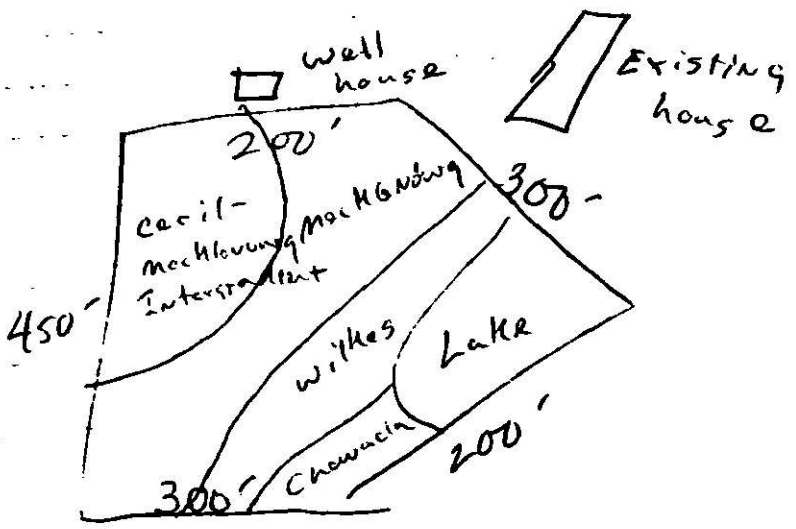
Soil Properties	Soil 1	Soil 2	Soil 3	Soil 4
1. Soil Series	Cecil-Mecklenburg	Chewacla Mecklenburg	Wilkes	Mecklenburg
2. Soil Slope	Intergradient suitable 2-6%	—	suitable 3-16%	suitable 3-8%
3. Soil Depth	suitable 46"	—	unsuitable <20"	suitable 48"
4. Soil Texture	provisionally suitable Some 2:1 clays	—	unsuitable 2:1 expanding clay	unsuitable 2:1 expanding clay
5. Soil Structure	provisionally suitable blocky	—	unsuitable massive	provisionally suitable blocky
6. Restrictive Horizons	—	—	—	—
7. Soil Drainage	—	unsuitable poorly drained	—	—
8. Soil Permeability (Percolation Rate)	provisionally suitable 90 min/in	unsuitable seasonal high water table	unsuitable very slow >120 min/in	unsuitable slow 72 min/in
9. Other	unsuitable slow running	unsuitable potential flooding	—	—
10. Overall Rating	provisionally suitable	unsuitable	unsuitable	unsuitable

Remarks Recommendations Based on this investigation, the lot was found to have an adequate 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

W. Edward Caldwell
Sanitarian

3/10/75
RAD 509


well house
Existing house
200'
300'
450'
Cecil-
Interstate
Lake
Chowacia
300'
200'

Serial No. 0703

PTR No. 12290

Date Issued May 2, 1977

T. C. No. P.0.211-011-05

Map Date 6-4-76

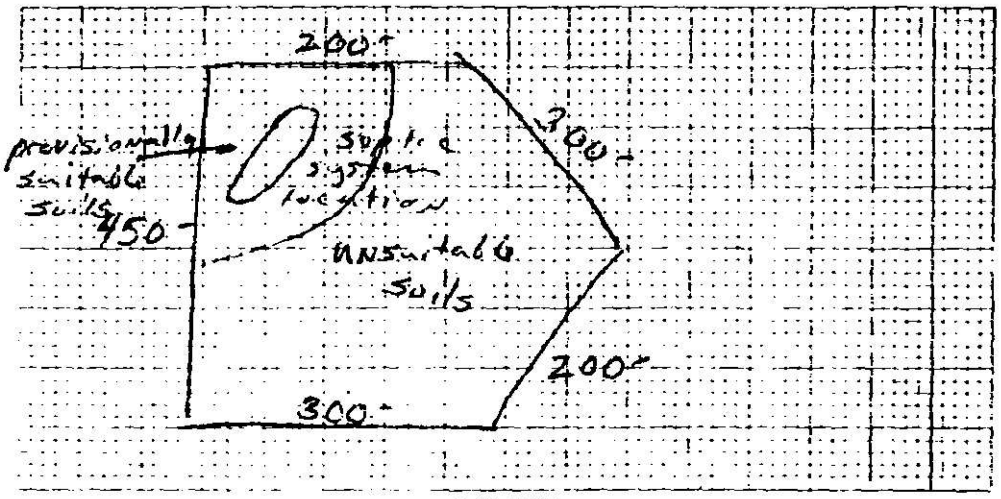
MECKLENBURG COUNTY
DEPARTMENT OF ENVIRONMENTAL HEALTH
SOIL INVESTIGATION REPORT

NAME OF OWNER Abernathy (LAST) W. (FIRST) J. (MIDDLE)

ADDRESS OF OWNER 6320 Providence Rd., Charlotte, NC ZIP 28211

LOCATION OF PROPERTY Providence Rd. (STREET OR COUNTY ROAD)

SUBDIVISION LOT NO. BLOCK NO



PLOT PLAN

[illegible] Mecklenburg County. [illegible] investigation was conducted [illegible] Provisionally Suitable [illegible] was 90 min/in. The said lot is approved [illegible] subsurface, soil absorption [illegible] terms and conditions:

1. [illegible] Mecklenburg County Department [illegible] wastewater treatment [illegible]
2. [illegible] determined by the Mecklenburg [illegible] obtained above and [illegible]
3. [illegible] indicated acceptable for system installation [illegible]
4. [illegible] ascertained on the lot which [illegible] Mecklenburg County Department of Environmental Health, under the area indicated as acceptable for [illegible] 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.

W. Edward Carmichael
Engineering Soil Scientist

John M. Robinson
Environmental Health Director or Authorized Section Head

Environmental Health Department's Copy