Date Received 9-17-73

MECK COUNTY HEALTH DEPT.
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SEP 17 1973
ENVIRONMENTAL HEALTH DIVISION

APT No. 6996
T. C. No.
Map Date

MECKLENBURG COUNTY HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH DIVISION

APPLICATION FOR PERCOLATION TEST

1) NAME OF OWNER ABERNETHY (LAST) William (FIRST) L. (MIDDLE)

2) ADDRESS OF OWNER 6320 PROVIDENCE RD ZIP 28211

3) PHONE NO. Home 366-6576 Office 372-2634

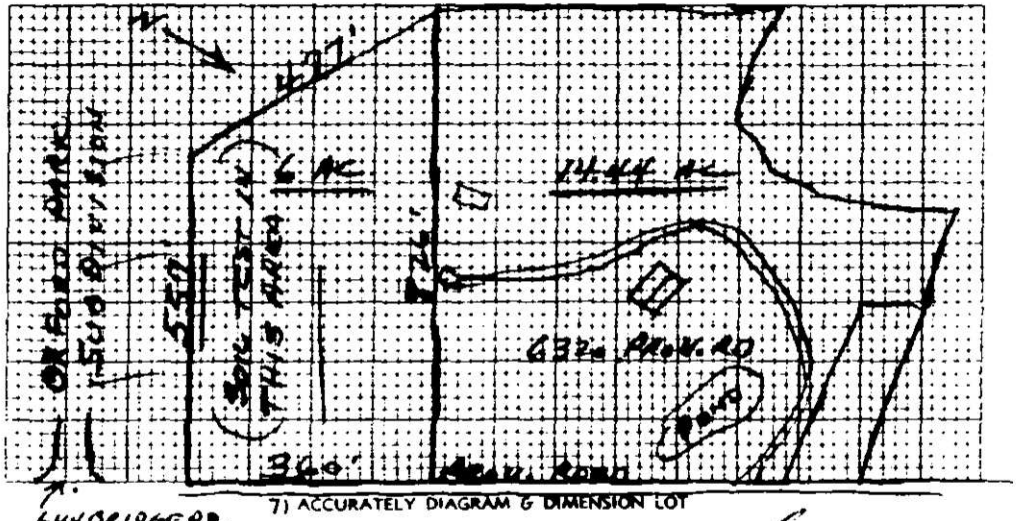
4) LOCATION OF PROPERTY PROVIDENCE RD. - ADJOINING ABOVE ADDRESS (STREET OR COUNTY ROAD)

5) SUBDIVISION — LOT NO 2 BLOCK NO —

MAP BOOK NO — PAGE NO —

6) DEED REFERENCE DEED BOOK — PAGE NO —

Application is hereby made to the Mecklenburg County Health Department for the conduct of a percolation test 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 W. L. Abernethy

FORM NO E-1-9-1-72

HEALTH DEPARTMENT'S COPY

MECKLENBURG COUNTY HEALTH DEPARTMENT
INTER-OFFICE COMMUNICATION

DATE: September 19, 1973

TO: Tom Ward
Environmentalist

FROM: W. Everette Lynn, Jr. W.E.L.
Soil Scientist

SUBJECT: Soils investigation on property on Providence Road (APT #6996)

On September 18, 1973, a soils investigation was conducted on the property owned by W. L. Abernethy on Providence Road (APT #6996) to determine site suitability for septic tank systems.

Attached is a general suitability map of the property in question. The areas shaded in red appear unsuitable for installation of septic tank systems. The soils in these areas are of the Mecklenburg and Wilkes series. These soils have very plastic and sticky clay subsoils which contain swelling clay minerals. In addition, the Wilkes soils are shallow to weathered rock material. This material has very little structural development or porosity. These factors result in inadequately slow percolation rate and permeability.

The area shaded in yellow is marginal for septic tank systems. This area may be used for septic tank systems if no other area is available; however, it is preferable that systems be kept located out of this area. The soils in the area shaded yellow are intergradient between the Appling and Mecklenburg series. These soils contain a small amount of swelling clay minerals which places a moderate limitation on septic tank systems.

Based on this soils investigation and the close proximity of the property to a sewer outfall, it is recommended that septic tank systems not be installed but that sewer lines be installed to connect to the sewer outfall.