Date Received 4/1/77

APT No. 12224

T. C. No. P.O. 127-112-11

Map Date _____

MECKLENBURG COUNTY
DEPARTMENT OF ENVIRONMENTAL HEALTH

APPLICATION FOR SOIL INVESTIGATION

1) NAME OF OWNER Bates (LAST) George (FIRST) W. (MIDDLE)

2) ADDRESS OF OWNER P. O. Box 36161, Charlotte, N. C. ZIP 28213

3) PHONE NO. Home 596-2437 Office _____

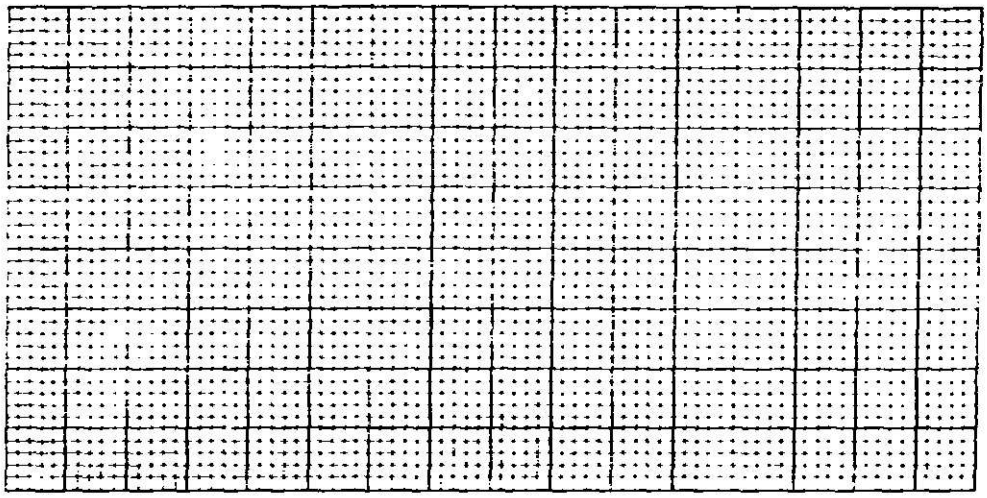
4) LOCATION OF PROPERTY Hayden Road (STREET OR COUNTY ROAD)

5) SUBDIVISION G. H. Fox Property LOT NO. 29 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

George W Bates
OWNER

EHD-5-76

Environmental Health Department's Copy

SOIL INVESTIGATION REPORT

Date of Investigation Mar. 31, 1977 ATT NO. 12224

Owner George Bolin P.C. 021-112-11

Location of Property Hayden Rd Lot 29

Soil Suitability Ratings

Soil Properties	Soil 1	Soil 2	Soil 3	Soil 4
1. Soil Series	Cor.l-Eam Intergrade	[illegible]	Cord-Eam gollimd	Chewaela
2. Soil Slope	Suitable 2-6%		unsuitable complex slopes	—
3. Soil Depth	Suitable →40"		unsuitable depth variable 240"	—
4. Soil Texture	Provisionally suitable some 2:1 Expanding Clay		Provisionally suitable some 2:1 clay	—
5. Soil Structure	Provisionally suitable Blo Kf		Provisionally suitable Blo Kf	—
6. Restrictive Horizons				—
7. Soil Drainage	Suitable water table 70'		Suitable water table 70'	unsuitable Poorly drained Seasonal high water table
8. Soil Permeability (Percolation Rate)	Provisionally suitable Moderate-Slow		Provisionally suitable Slow - Moderate	unsuitable subject to flooding ~~Slow - Moderate~~ Slow
9. Other	Expansion			
10. Overall Rating	Provisionally suitable		unsuitable	unsuitable

Remarks. Recommendations Based on this investigation an area adequate for installation of septic tank-hydrolic provisionally suitable soils was found on the lot. Hydraulic design should be based on a percolation rate of 90 min/in. and system installed in the area of Cor.l soil.

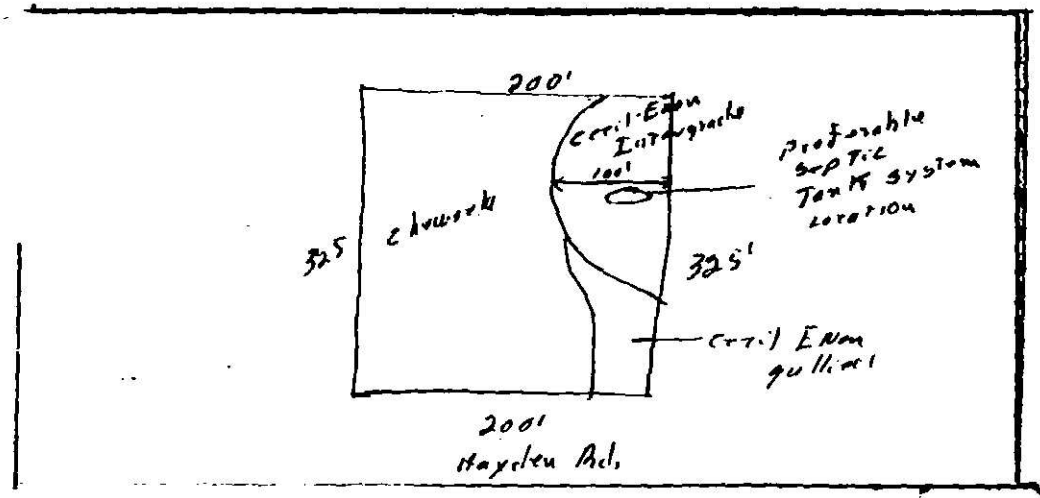
See diagram on back

William A. Merlin
Soil Scientist

3/16/75
EHE 539

WEC

DIAGRAM OF PROPERTY



3/18/75

File 539

Serial No. 0667

PTR No. 12224

T. C. No. P.O. 027-112-11

Date Issued April 25, 1977

Map Date

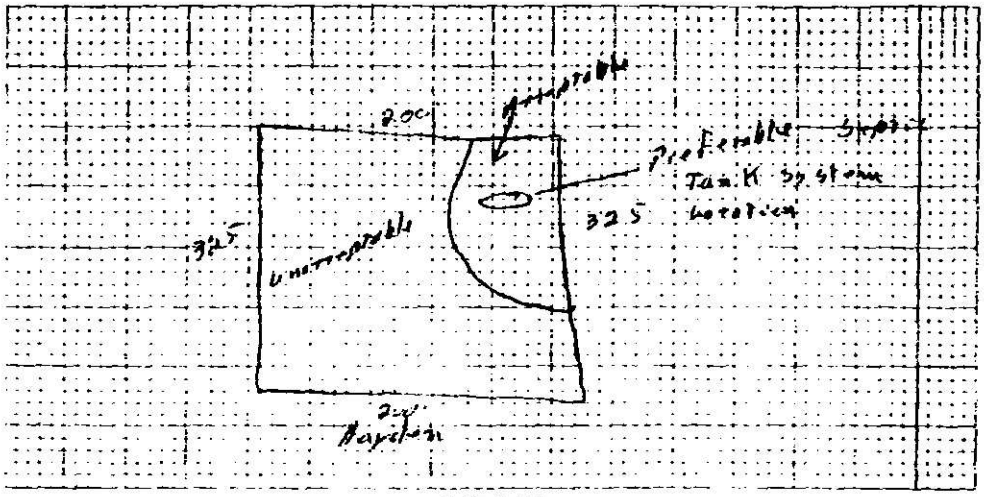
MECKLENBURG COUNTY
DEPARTMENT OF ENVIRONMENTAL HEALTH
SOIL INVESTIGATION REPORT

NAME OF OWNER Bates (LAST) George (FIRST) W. (MIDDLE)

ADDRESS OF OWNER P. O. Box 36161, Charlotte, N.C. ZIP 28213

LOCATION OF PROPERTY Hayden Road (STREET OR COUNTY ROAD)

SUBDIVISION LOT NO 29 BLOCK NO.



PLOT PLAN

This report is [illegible] Mecklenburg County Department of Environmental Health [illegible] was conducted on [illegible] and found to have a Provisionally Suitable

The permeability as determined by the percolation test was 30 min/in. The soil at is approved for the installation of an [illegible] system with [illegible] face, soil absorption effluent disposal subject to the following terms and conditions:

1. [illegible] Mecklenburg County Department of Environmental Health [illegible] wastewater treatment system in this permit.
2. The [illegible] system shall [illegible] determined by the Mecklenburg County Department of Environmental Health [illegible] rate [illegible] above and in the [illegible] building [illegible]
3. This approval [illegible] in the immediate area [illegible] acceptable for system installation at the above site.
4. The approval [illegible] requires the filing [illegible] per [illegible] at the above site with the Mecklenburg County Department of Environmental Health [illegible] area [illegible] as acceptable for system installation [illegible] of the [illegible] with a 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.

William R. Martin
Soil Scientist

EHD-5-76

John R. Adkisson
Environmental Health Director or Authorized Section Head

Environmental Health Department's Copy