Date Received 4/9/77

APT No. 12521

T. C. No. 051-022-14

Map Date

MECKLENBURG COUNTY
DEPARTMENT OF ENVIRONMENTAL HEALTH

APPLICATION FOR SOIL INVESTIGATION

1) NAME OF OWNER KIRK J. E.
(LAST, FIRST, MIDDLE)

2) ADDRESS OF OWNER R-10 Charlotte N.C. ZIP 28213

3) PHONE NO Home 596 0850 Office

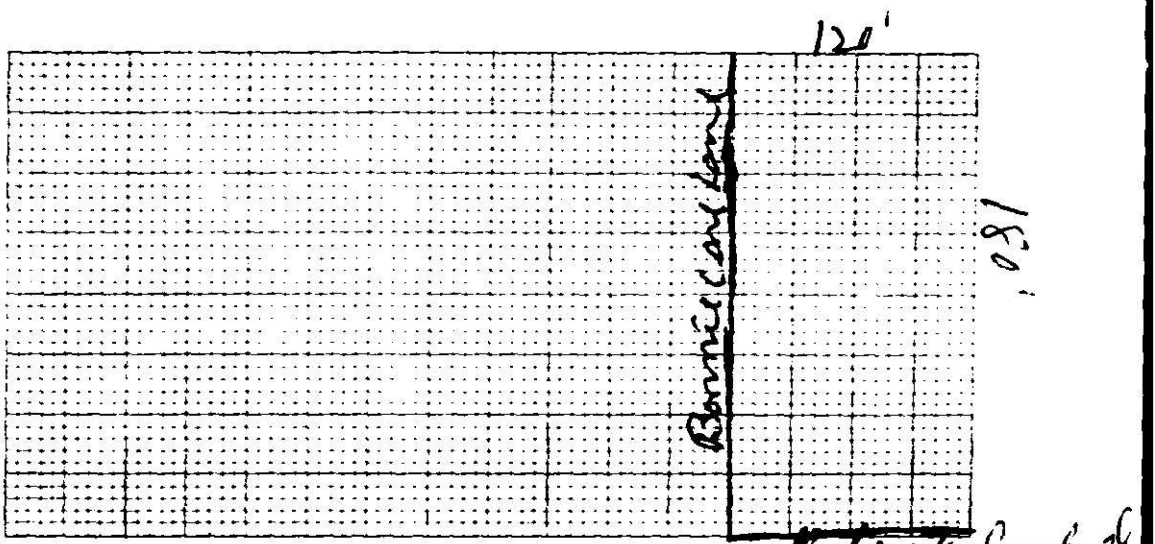
4) LOCATION OF PROPERTY Mallard creek church rd + Bonnie cone lane
(STREET OR COUNTY ROAD)

5) SUBDIVISION LOT NO BLOCK NO

MAP BOOK NO PAGE NO

6) DEED REFERENCE DEED BOOK WL 31 PAGE NO 287-01

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 J. Kirk

EHD-5-76

Environmental Health Department's Copy

SOIL INVESTIGATION REPORT

Date of Investigation June 16, 1977 APT NO. 12521

Owner J. E. Reed T.E. 051-022-13

Location of Property Mallard Creek Church Rd

Soil Suitability Ratings

Soil Properties	Soil 1	Soil 2	Soil 3	Soil 4
1. Soil Series	Enon-like Vs Intergrade			
2. Soil Slope	Suitable 2-6%			
3. Soil Depth	Unsuitable 10-30"			
4. Soil Texture	Unsuitable 2 / Expansive clay			
5. Soil Structure	Unsuitable Massive			
6. Restrictive Horizons				
7. Soil Drainage	Suitable 2-6' To Water Table			
8. Soil Permeability (Percolation Rate)	Unsuitable 60 min/inch			
9. Other				
10. Overall Rating	Unsuitable			

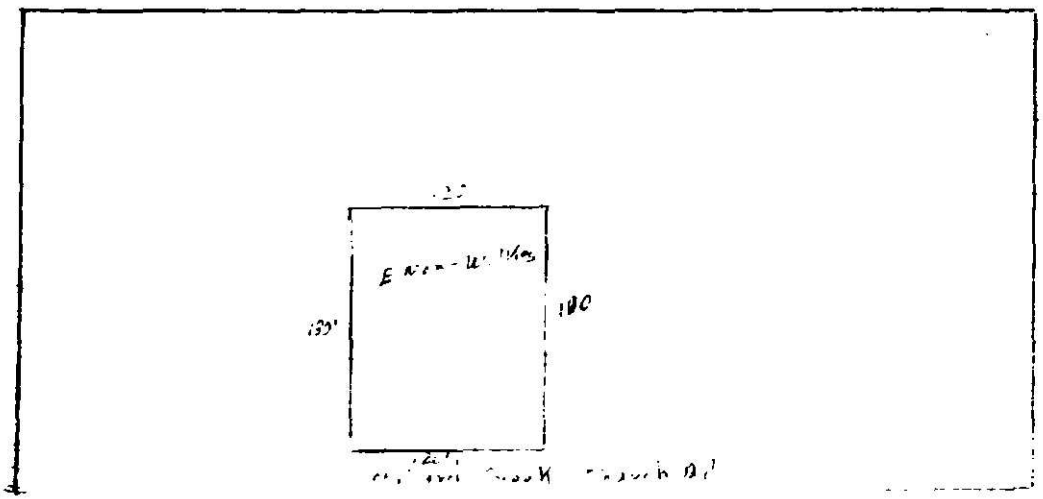
Remarks
Recommendations Based on the investigation this site is not to be used for [illegible] due to unsuitable soils for septic tank system

Site diagram attached

William D. Martin
Soil Scientist

3/78/75
FM 559

DIAGRAM OF PROPERTY



3/18/75

EHD 539

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

DATE ISSUED
1. 6-14-77
2. _____
3. _____

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

SIP NO. 12521
T.C. NO. 056-022-14
M/F DATE _____

NAME OF OWNER **Kirk, J.E.**

ADDRESS OF OWNER **Route 10, Charlotte, NC 28213**

LOCATION OF LOT **Mallard Creek Church Road & Bonnie Cone Lane**

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 Unsuitable.

Soil Permeability Unsuitable.

John R. Adkisson, Environmentalist
On Premises Waste Disposal Section

JRA: glr

(Stencil No.)
END 398
8/74

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

R

WELL RECORD Well Permit No. [redacted]

MAIL COMPLETED FORM TO: WELL WATER SUPPLIES

MECKLENBURG COUNTY HEALTH DEPARTMENT

ENVIRONMENTAL HEALTH DIVISION, 1200 BLYTHE BOULEVARD, CHARLOTTE, N. C. 28203

Drilling Contractor [illegible]

1. Location of property Fairfield Rd
2. Name of owner [illegible]
   Address [illegible]
3. Does this well replace an existing well? NO
4. Topography (circle one): draw, slope, hilltop, valley, flat
5. Use of well Home Date completed 6-22-77
6. Rig type or method Rotary air Total depth 180
7. Casing:

	Depth		Inside Diam.	Wall thick. or Wt. ft.	Type
From	0	to 65 ft.	6 1/4 in.		Galv

8. Grout:

	Depth		Material	Method
From	0	to 20 ft.	Cement	Gravity

9. Liner, if used: Depth _____ Diameter _____
   No. holes drilled and abandoned _____
10. Water zones (depth and gpm) _____
11. Static water level 15 ft. above / below top of casing
    which is _____ ft. above land surface. Elev. _____
    Date 6-22-77
12. Yield (gpm) 20 Method of testing air
13. Pumping water level: 30 ft. after 4 hrs.
    at 20 gpm.
14. Water quality _____ Temperature (°F) _____
15. Well sterilization method Liquid Chlorination
16. Permanent pump: _____ Type _____ Make _____
    Installed – Date _____ By _____
    Capacity _____ gpm. Hp _____ TDH _____
    Intake depth _____ Airline depth _____
17. Remarks: _____

DRILLING LOG

Depth From	To	Formation
0	65	Red Clay
65	180	Blue granite

I do hereby certify that this well record is true and exact.

William Stancil
SIGNATURE OF CONTRACTOR OR AGENT

FORM NO. E-22-5-1-73