Date Received 9-7-82

MECK COUNTY DEPARTMENT OF ENVIRONMENTAL HEALTH
SEP 17 1982

SIR No. 19008

T. C. No. 051-081-1D

Map Date

# MECKLENBURG COUNTY
# DEPARTMENT OF ENVIRONMENTAL HEALTH

## APPLICATION FOR SOIL INVESTIGATION

1) NAME OF OWNER Yale (LAST) George (FIRST) M. (MIDDLE)

2) ADDRESS OF OWNER 3438 Woodlea Dr Rd. ZIP 28205

3) PHONE NO. Home 537-4381 Office

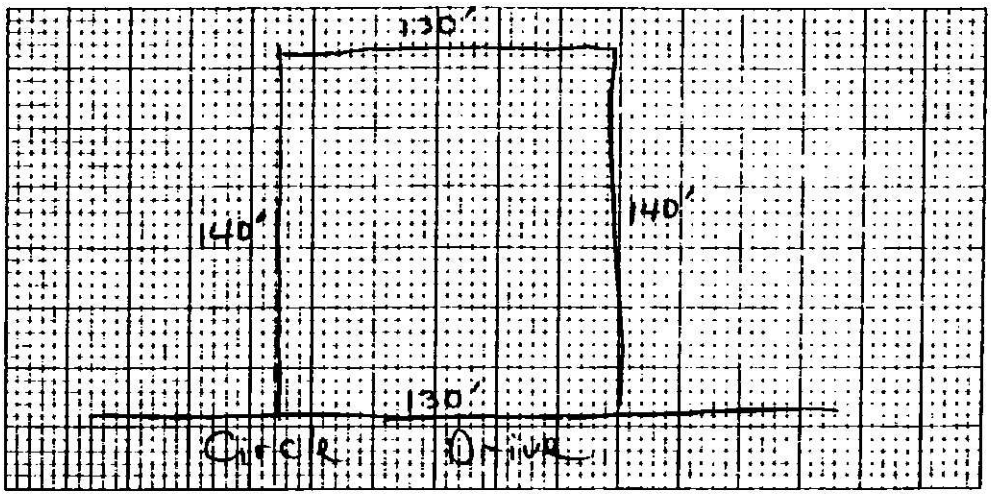
4) LOCATION OF PROPERTY 13117 Circle Dr (STREET OR COUNTY ROAD)

5) SUBDIVISION LOT NO. 17 & 18 BLOCK NO. A

MAP BOOK NO. 051 PAGE NO. 081

6) DEED REFERENCE: DEED BOOK 1973 PAGE NO. 460

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 M Yale
OWNER

EHD-5-76

Environmental Health Department's Copy

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

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

S.I.R.# 19008

T.C.# 051-081-10

DATE: 9-20-82

NAME OF OWNER: Yale, George M.

ADDRESS OF OWNER: 3428 Woodleaf Rd., Charlotte, NC 28205

LOCATION OF LOT: 13117 Circle Drive, Lots 17 & 18, Blk. A

As determined under the Rules and Regulations promulgated by the Commission for Health Services, Division of Health Services, North Carolina Department of Human Resources, Raleigh, North Carolina, the soils on the lot described above were found to be unsuitable for the installation of an individual septic tank - soil absorption system, due to the following reason:

SOIL TEXTURE (2-1 clay) UNSUITABLE

SOIL STRUCTURE (massive) UNSUITABLE

SOIL DEPTH (20" to saprolite) UNSUITABLE

RESTRICTIVE HORIZONS (8" below surface) UNSUITABLE

SOIL DRAINAGE/GROUNDWATER (seasonally perched water table at 8"-10" below the ground surface) UNSUITABLE

Michael E. Sexton
Environmentalist
On Premises Waste Disposal Section

DEPARTMENT OF ENVIRONMENTAL HEALTH
MECKLENBURG COUNTY, NORTH CAROLINA

SITE EVALUATION

S.I.R. NO. 19008

T.C. NO. 051-031-10

(Ground Absorption Sewage Disposal)

OWNER: George M. Vale
ADDRESS: 3428 Woodlot Rd 28205
LOCATION OF SITE: 13117 Circle Dr.

PLAT NO:
LOT SIZE: 13,200 sq ft

| FACTORS | AREA 1 | AREA 2 | AREA 3 | AREA 4 |
|---|---|---|---|---|
| 1. SLOPE (%) | S Eroded 8-10 (PS) U | S PS U | S PS U | S PS U |
| 2. SOIL TEXTURE (12-36 inches) Sandy, Loamy, Clayey (Note 2-1 Clay) | S PS (U) 2-1 clay | S PS U | S PS U | S PS U |
| 3. SOIL STRUCTURE (12-36 inches) | S PS (U) Blocky To massive | S PS U | S PS U | S PS U |
| 4. SOIL DEPTH (inches) | S PS 20" (U) Tesaprolite | S PS U | S PS U | S PS U |
| 5. RESTRICTIVE HORIZONS (Inches) (Impervious strata, Rock) | S 2-1 Clay PS @ 8" (U) Below Surface | S PS U | S PS U | S PS U |
| 6. SOIL DRAINAGE/GROUNDWATER (external and internal) | S Perched PS H2O @ (U) 8"-12" | S PS U | S PS U | S PS U |
| 7. OTHER (Specify) Small Ferps | S S.T. Well PS U | S PS U | S PS U | S PS U |
| 8. SOIL GROUP | IV b | | | |
| 9. SITE CLASSIFICATION | Unsuitable | | | |
| 10. SOIL SERIES | Wilkes | | | |

S - Suitable PS - Provisionally Suitable U - Unsuitable

**See Diagram on Back (includes: soil areas, property lines, roads, streams, gullies, wet areas, fill areas, wells, water bodies, slopes)

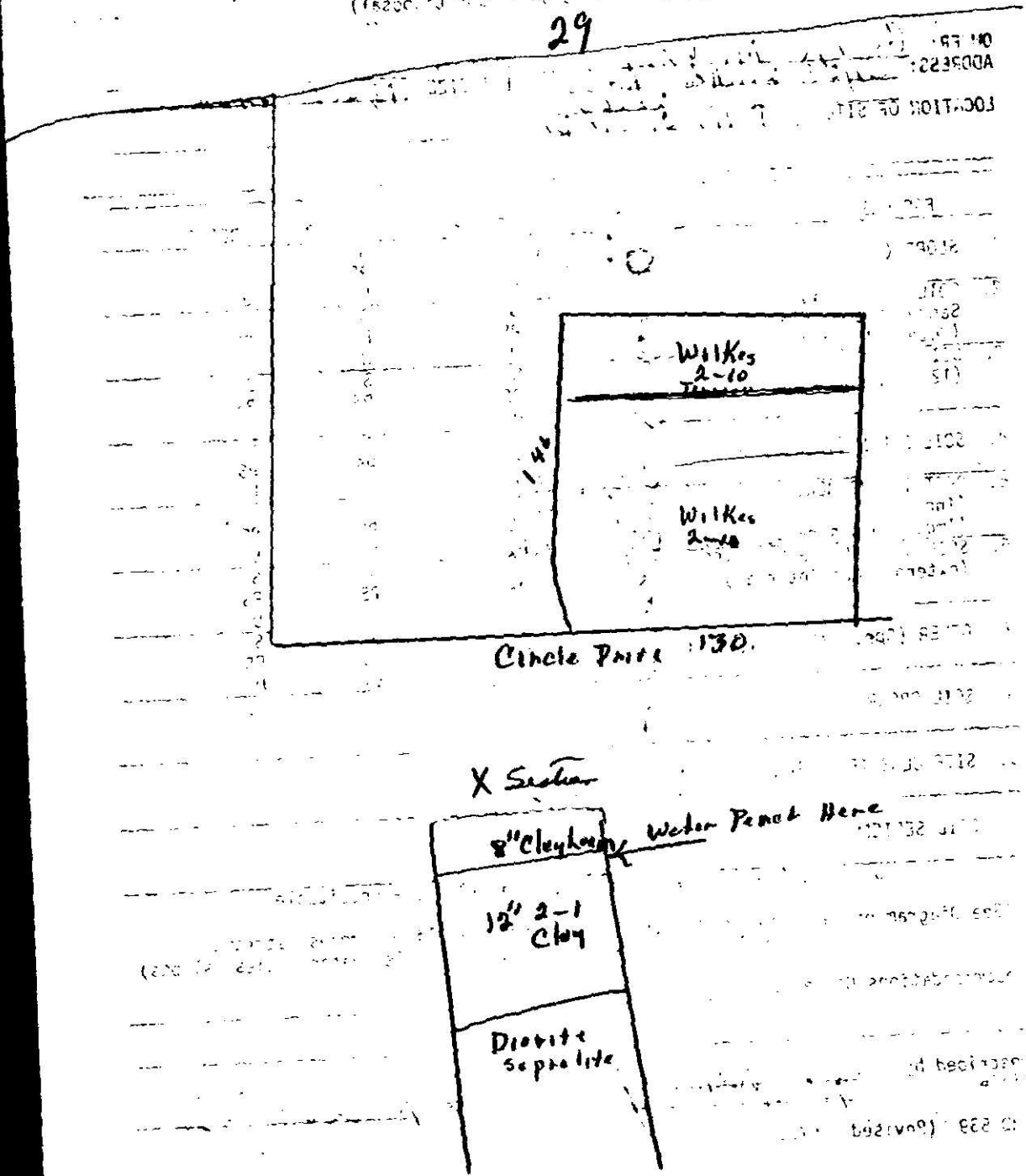
Recommendations/Comments:

Described by: W. B. Ramsey
Title: 9-20-82

Date: 9-20-82

EHD 539 (Revised: 6/82)

2/


29
Wilkes
2-10
Wilkes
2-10
1 Ac
Circle Point 130.
X Section
8" Clayloam Water Penet Here
12" 2-1
Clay
Diorite
Saprolite