Date Received 3/19/79

APT No. 15263

H. Houston Lambert
Rt #10 Box 463L
Charlotte N.C. 28213
Please send - Copy

T. C. No. 105-041-05

Map Date

# MECKLENBURG COUNTY
# DEPARTMENT OF ENVIRONMENTAL HEALTH

## APPLICATION FOR SOIL INVESTIGATION

1) NAME OF OWNER HOWE (LAST) SARAH (FIRST) DAVISON (MIDDLE)

2) ADDRESS OF OWNER 1517 HAWKINS RD GASTONIA, N.C. ZIP 28052

3) PHONE NO Home 864-4198 Office

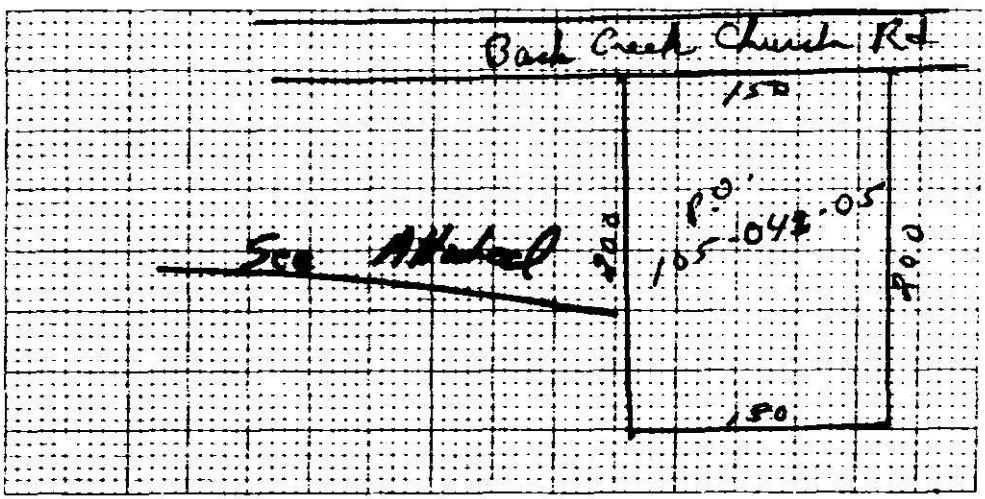
4) LOCATION OF PROPERTY BACK CREEK CHURCH Rd. (STREET OR COUNTY ROAD)

5) SUBDIVISION LOT NO BLOCK NO

MAP BOOK NO 105 PAGE NO

6) DEED REFERENCE DEED BOOK 2487 PAGE NO 93

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 H. Houston Lambert

EHD-5-76

Environmental Health Department's Copy

NORTH CAROLINA
DEPARTMENT OF HUMAN RESOURCES
DIVISION OF HEALTH SERVICES
RALEIGH, NORTH CAROLINA

APPENDIX H
SITE EVALUATION

S.I.R. No. 15-263

(Ground Absorption Sewage Disposal)

OWNER: Sarah D. Howe
ADDRESS: 1517 Hawkins Rd.
COUNTY: Jackson NC
LOCATION OF SITE: Back Creek Church Rd

DATE REQUESTED:
PLAT NO.: PO 105 - 04115
LOT SIZE: 30,000

| FACTORS | AREA 1 | AREA 2 | AREA 3 | AREA 4 |
|---|---|---|---|---|
| 1. SLOPE (%) | (S) 2-8% PS U | S PS U | S PS U | S PS U |
| 2. SOIL TEXTURE (12-36 in.) (Sandy, loamy, clayey, Note 2:1, Clay) | S PS 2:1 (U) Clay | S PS U | S PS U | S PS U |
| 3. SOIL STRUCTURE (12-36 in.) (Clayey Soils) | S PS Massive (U) | S PS U | S PS U | S PS U |
| 4. SOIL DEPTH (In.) | (S) 40" PS U | S PS U | S PS U | S PS U |
| 5. RESTRICTIVE HORIZONS (In.) (Impervious Strata, Rock) | (S) None PS U | S PS U | S PS U | S PS U |
| 6. SOIL DRAINAGE/GROUNDWATER (External & Internal) | (S) 70 - 72 PS Upland U water | S PS U | S PS U | S PS U |
| 7. SOIL PERMEABILITY (Percolation Rate) | S PS slow → U slow | S PS U | S PS U | S PS U |
| 8. OTHER (Specify) | S PS U | S PS U | S PS U | S PS U |
| 9. SITE CLASSIFICATION | unsuitable | | | |
| SOIL SERIES | Ennis | | | |

S - Suitable PS - Provisionally Suitable U - Unsuitable

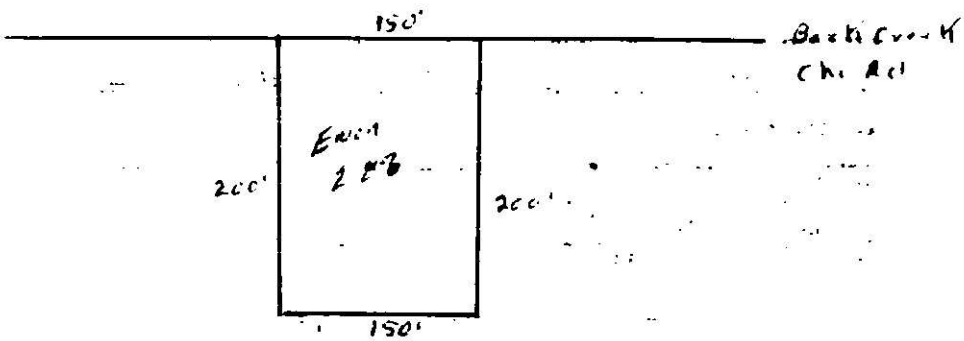
* See Diagram on Back (Include: Soil areas, property lines, roads, streams, gullies, wet areas, fill areas, wells, water bodies, slope patterns)

Recommendations/Comments:

Described By: William R. Marlin

Title: Soil Scientist Date: 3-30-79

dhs form 2601 (1/79)
Sanitation


150'
Back Creek
Ch. Rd
Encl
2 BR
200'
200'
150'

**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

SIR.NO. 15263
T.C.NO. po 105-041-05
MAP DATE
DATE April 2, 1979

NAME OF OWNER Howe, Sarah Davidson

ADDRESS OF OWNER 1517 Hawkins Road, Churchat Gastonia, N.C. 28052

LOCATION OF LOT Back Creek Church Road

At your request and pursuant to Section .1900 of the North Carolina Administrative Code, Title 10, Department of Human Resources, Chapter 10, Health Services, Subchapter 10A, a site evaluation has been made for an on premises ground absorption sewage disposal system on the property designated above and the following conditions were found:

**Soil Structure Massive**

**Soil Permeability Unsuitable**

Sites classified as Unsuitable are not acceptable for soil absorption of sewage effluent. However, if engineering, geologic, soil, and environmental studies indicate that a suitable septic tank system or a suitable alternate system can be expected to function satisfactorily, such sites may be re-classified as Provisionally Suitable. (Section 10 of the North Carolina Administrative Code 10 A,.1910)

If you desire to file for permission to install an "alternate or modified" system, you should present this office with your proposals in the form of plans and specifications. These would be reviewed and if it is found that the system may reasonably be expected to function satisfactorily, approval may be given on the execution by you of a "Septic Tank Agreement Form" available in this office.

John R. Adkisson, Environmentalist

EHD 999 (1/79)

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