Date Received 9/1/77

APT No. 12702

T. C. No. 111133.03

Map Date 4 1977 1

# MECKLENBURG COUNTY
# DEPARTMENT OF ENVIRONMENTAL HEALTH

## APPLICATION FOR SOIL INVESTIGATION

1) NAME OF OWNER ALVIC CORP. Josephs (LAST) Joseph (FIRST) E.' (MIDDLE)

2) ADDRESS OF OWNER Suite 2840, One NCNB Plaza, Charlotte, NC ZIP 28280

3) PHONE NO. Home _____ Office 376-0241

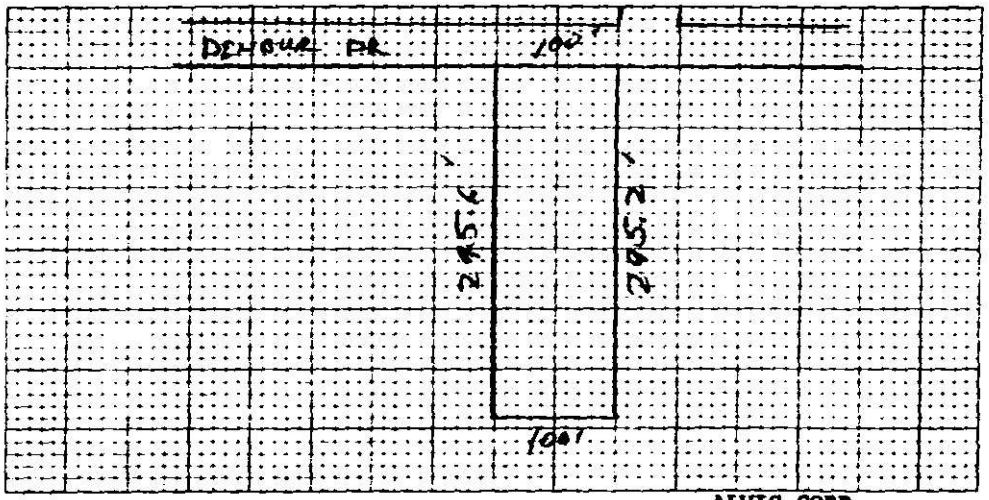
4) LOCATION OF PROPERTY Dehbur Drive (STREET OR COUNTY ROAD)

5) SUBDIVISION Cedarbrook Acres LOT NO 12 BLOCK NO. L

MAP BOOK NO 7 PAGE NO 853

6) DEED REFERENCE DEED BOOK 3269 PAGE NO 229

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

ALVIC CORP.
PRESIDENT

OWNER

EHD-5-76

Environmental Health Department's Copy

DEPARTMENT OF HUMAN RESOURCES
DIVISION OF HEALTH SERVICES

**APPENDIX H**

**SITE EVALUATION**

(Ground Absorption Sewage Disposal)

APT 1202
T.C. 111-123-C3
Lot 12, Block L

OWNER: Joseph E. Josephs Assoc Const. DATE REQUESTED: 6-16-77

ADDRESS: Suite 2840, N.C.N.B. Plaza, Charlotte PLAT NO.:

COUNTY: LOT SIZE: 24,000 sq ft.

LOCATION OF SITE: Cedarbrook Area - Dearborn Dr.

| FACTORS | AREA 1 | AREA 2 | AREA 3 | AREA 4 |
|---|---|---|---|---|
| 1. SLOPE (%) | (S) PS U — 2-6% | S PS U | S PS U | S PS U |
| 2. SOIL TEXTURE (12-36 in.) (Sandy, loamy, clayey, Note 2:1 clay) | S (PS) U — clayey | S PS U | S PS U | S PS U |
| 3. SOIL STRUCTURE (12-36 in.) (Clayey soils) | S (PS) U — blocky | S PS U | S PS U | S PS U |
| 4. SOIL DEPTH (In.) | S — 48" PS — saprolite (U) at Approx 36" | S PS U | S PS U | S PS U |
| 5. RESTRICTIVE HORIZONS (In.) (Impervious Strata, rock) | S massive PS structure (U) at 30-40" | S PS U | S PS U | S PS U |
| 6. SOIL DRAINAGE/GROUNDWATER (External & Internal) | (S) water PS Table 70' U | S PS U | S PS U | S PS U |
| 7. SOIL PERMEABILITY (Percolation Rate) | S slow 7/12 PS min/in (U) | 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 | Mecklenburg - Wilkes Intl | | | |

S - Suitable PS - Provisionally Suitable U - Unsuitable

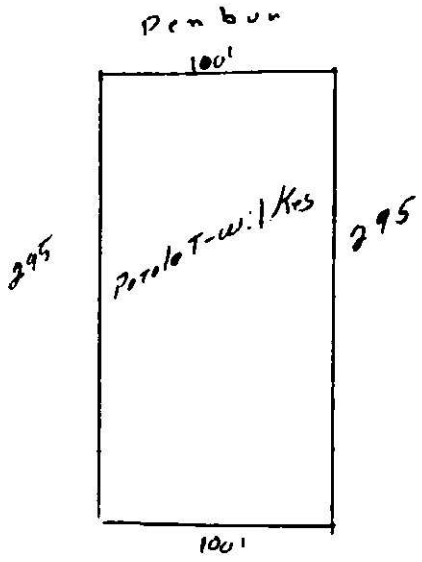
* See Diagram on Back (Include: Soil areas, property lines, roads, streams, gullies, wet areas, fill areas, wells, water bodies, slope patterns, etc.)

Recommendations/Comments: Based on this investigation, the soils on the lot were found to be unsuitable for the installation of a septic tank system.

Described By: William A. Martin

Title: Soil Scientist Date: June 23, 1977

DHS Form 2601 (2/77)
Sanitation


Pembur
100'
Potolo T-W: 1 Kos
295
295
100'

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

DATE ISSUED
1. 7-6-77
2. _____
3. _____

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

SIP NO. 12702
T.C. NO. 111-123-03
MAP DATE 4-19-77

NAME OF OWNER **ALVIC,CORP., Josepha, Joseph E.**

ADDRESS OF OWNER **Suite 2840, One NCNB Plaza, Charlotte, NC 28280**

LOCATION OF LOT **Denbur Drive, Lot 12, Block L**

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 Permeability Unsuitable.**

**Percolation Rate in Excess of 120 min/in.**

John R. Adkisson

**John R. Adkisson, Environmentalist**
**On Premises Waste Disposal Section**

**JRA:glr**

(Stencil No.)
EHD 388
8/74

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

R

Certified Mail # 571175
(See APT # 12698)

**MECKLENBURG COUNTY**
**DEPARTMENT OF ENVIRONMENTAL HEALTH**
[illegible] BOULEVARD
CHARLOTTE NORTH CAROLINA 28203

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

SIR.NO. 12702
T.C. NO. 111-123-03
MAP DATE 4-19-77
DATE 12-9-77

NAME OF OWNER ALVIC CORPORATION, Joseph K. Hosephs

ADDRESS OF OWNER Suite 2840, One NCNB Plaza, Charlotte, N.C. 28280

LOCATION OF LOT Denbur Drive, Lot 12, Block L, Cedarbrook Acres

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 Permeability Unsuitable.**

Section 10 of the North Carolina Administrative Code 10A, .1910 of these regulations states "Sites originally classified as unsuitable may be used for soil absorption disposal systems, provided engineering, hydrogeologic, and soils studies indicate to the local agency that a suitable septic tank system or a suitable alternate system can reasonably be expected to function satisfactorily.

Section 10, North Carolina Administrative Code 10A, .1916 states that "The design, construction, and maintenance of ground absorption sewage systems, whether septic tank systems or alternate systems shall be the responsibility of the owner, developer, installer, and user of the system as applicable in the circumstances."

We would also advise you that according to Regulation 10, North Carolina Administrative Code 10A, .1916 (b), "Actions of representatives of state or local agencies engaged in the evaluation and determination of measures required to effect compliance with the provisions of this section shall in no way be taken as a guarantee that sewage disposal systems approved and permitted will function in a satisfactory manner for any given period of time or that such employees assume any liability for damages, consequential or direct, which are caused or which may be caused, by a malfunction of such system.

These regulations became effective July 1, 1977. Since that time the second sentence of Section .1910 (c) has been found to be nugatory. For this reason, if you desire to file for permission to install an "alternate" 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.

[illegible]
Environmentalist
Solid Wastes Waste Disposal Section

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