Date Received 8/16/79

RECEIVED
AUG 13 1979
ENVIRONMENTAL HEALTH

APT No. 16083

T. C. No. pc 135-321-0

Map Data

# MECKLENBURG COUNTY
# DEPARTMENT OF ENVIRONMENTAL HEALTH

## APPLICATION FOR SOIL INVESTIGATION

1) NAME OF OWNER GOEBEL (LAST) PETER (FIRST) L. (MIDDLE)

2) ADDRESS OF OWNER 6200 INDIAN TRAIL RD. CHARLOTTE, N.C. ZIP 28212

3) PHONE NO. Home 545-4206 Office 545-4206

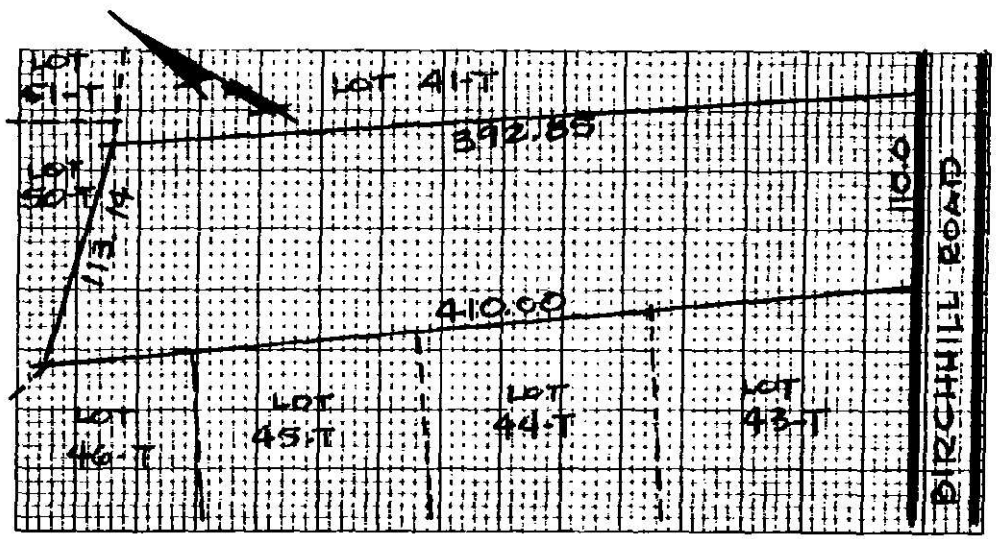
4) LOCATION OF PROPERTY 6523 BIRCHHILL ROAD (STREET ON COUNTY ROAD)

5) SUBDIVISION FARMWOOD #17 LOT NO 42 BLOCK NO. T

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

Peter Goebel
OWNER

EHD-5-76

Environmental Health Department's Copy

S. I. R. NO. 1663

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

APPENDIX II
SITE EVALUATION

T. C. # PO 135-321-1

(Ground Absorption Sewage Disposal)

OWNER: Ed. J. Diehl
ADDRESS: 2200 Dayton Ave. Rt 2
COUNTY: Currituck, NC.
LOCATION OF SITE: Ben Dell Rd

DATE REQUESTED:
PLAT NO.: L 42-35
LOT SIZE: 44000

| FACTORS | AREA 1 | AREA 2 | AREA 3 | AREA 4 |
|---|---|---|---|---|
| 1. SLOPE (%) | (S) PS U 2-5% | 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 Clay | S (PS) U | S PS U | S PS U |
| 3. SOIL STRUCTURE (12.36 in.) (Clayey Soils) | S (PS) U Blocky | S (PS) U Blocky | S PS U | S PS U |
| 4. SOIL DEPTH (In.) | (S) PS U 46" | S PS (U) L 46" | S PS U | S PS U |
| 5. RESTRICTIVE HORIZONS (In.) (Impervious Strata, Rock) | (S) PS U None | (S) PS U None | S PS U | S PS U |
| 6. SOIL DRAINAGE/GROUNDWATER (External & Internal) | (S) PS U 76" To ground water | (S) PS U 76" To ground water | S PS U | S PS U |
| 7. SOIL PERMEABILITY (Percolation Rate) | S (PS) U Moderate | S (PS) U Moderate | S PS U | S PS U |
| 8. OTHER (Specify) | S PS U | S PS U | S PS U | S PS U |
| 9. SITE CLASSIFICATION | Provisionally suitable | unsuitable | | |
| SOIL SERIES | Corolla | Poplar (shallow) | | |

S - Suitable PS - Provisionally Suitable U - Unsuitable

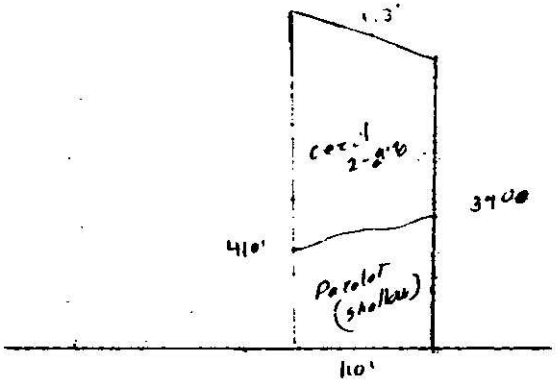
* See Diagram on Back (Include: Soil areas, property lines, roads, streams, gullies wet areas, fill areas, wells, water bodies, slope patterns, etc.

Recommendations/Comments:

Described By: William R. Marlin

Title: Soil Scientist Date: 8-31-79

DHS Form 2601
Sanitation
EHD 539 (3/79)


Carport
2-8'0
37'0"
41'0"
Parlor
(shelter)
110'
Birchhill Rd.

Serial No. 3093

PTR No. 16083

T C No. po 135-321-01

Date Issued September 4, 1979

Map Date _____

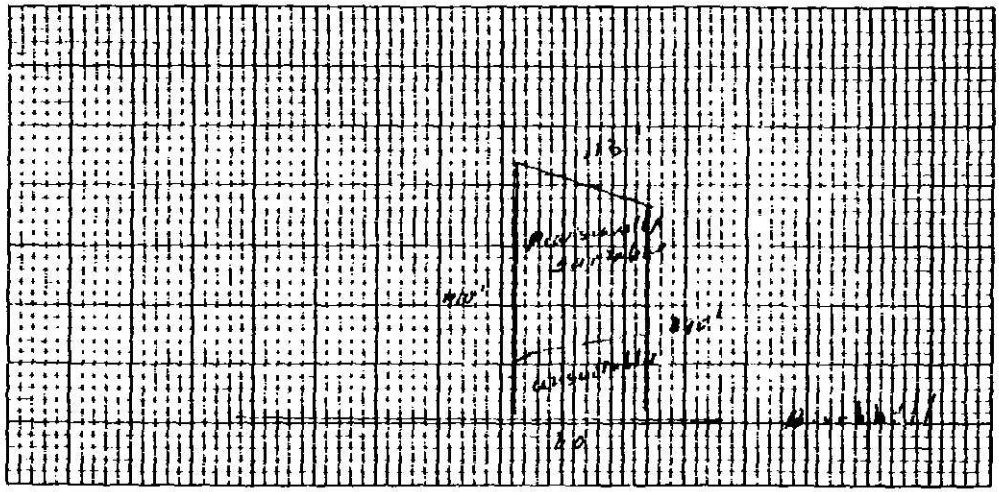
# MECKLENBURG COUNTY
# DEPARTMENT OF ENVIRONMENTAL HEALTH
## SOIL INVESTIGATION REPORT

NAME OF OWNER Goebel, Peter
(LAST, FIRST, MIDDLE)

ADDRESS OF OWNER 8200 Indian Trail Road ZIP 28212

LOCATION OF PROPERTY 5523 Birch Hill Road
(STREET OR COUNTY ROAD)

SUBDIVISION Farmwood LOT NO. #42 BLOCK NO. "T"



PLOT PLAN

This is to certify that a soil investigation and on-site investigation was made by the Mecklenburg County Department of Environmental Health on the lot described above. The said investigation was conducted on that portion of the lot as indicated on the above plot. Provisionally Suitable
The permeability rate determined by the investigation was _____ The said lot is approved for the installation of an individual septic tank wastewater treatment system with subsurface, soil absorption effluent discharge subject to the following terms and conditions

1. A permit to install, construct, alter, or repair the specific system shall be obtained from the Mecklenburg County Department of Environmental Health prior to the beginning of any construction of buildings or of the wastewater treatment system on the said lot.
2. The size of the septic tank wastewater treatment system which must be installed will be determined by the Mecklenburg County Department of Environmental Health prior to installation based on the permeability rate obtained above, and on the size and type of building constructed thereon.
3. This approval is valid only if the system is installed in the immediate area indicated as acceptable for system installation on the above plot.
4. This approval is void if any grading, filling, or construction (including the drilling of a well) is performed on the lot which in the opinion of the Mecklenburg County Department of Environmental Health, renders the area indicated as acceptable for system installation unsuitable for installation, construction, alteration, and/or repair of such 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 A. Marlow
Soil Scientist

John R. Abercrombie
Environmental Health Director or Authorized Section Head

EHD-5-76

Environmental Health Department's Copy

R

SEE INSTRUCTIONS ON BACK

Date Received 9/10/79

SEP 10 1979

ICAR (S) Application No. 16083

T. C. No P0135.321.01

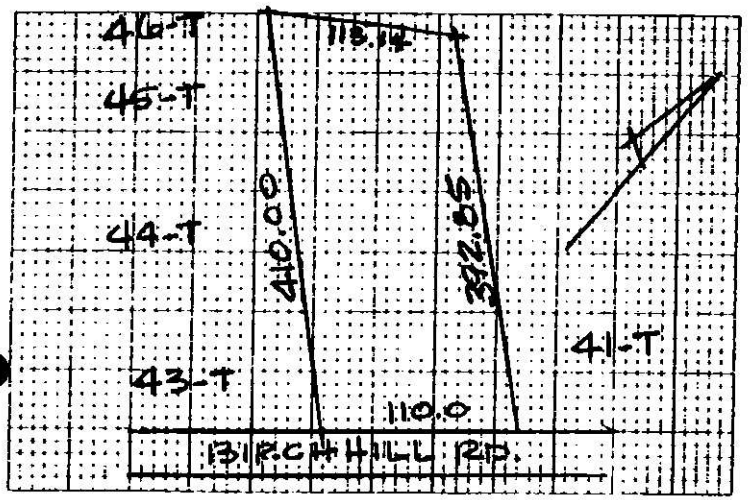
Map Date

# MECKLENBURG COUNTY
# DEPARTMENT OF ENVIRONMENTAL HEALTH

**Application for an**
**Installation, Construction, Alteration, and/or Repair Permit**
**(Individual Septic Tank System with Subsurface, Soil Absorption, Effluent Discharge)**

The owner of that property described hereinafter hereby applies to the Mecklenburg County Department of Environmental Health for a permit to:

1) ✓ Install or Construct 2) Alter or Repair an individual septic tank wastewater treatment system with a subsurface, soil absorption, effluent discharge.




3) PLOT PLAN (ACCURATELY DIMENSIONED)

Mobile Home ___ Yes ✓ No
Residence ✓ Yes ___ No
4) No. of Bedrooms 4
5) Business Use — Max No Employees ___
6) Washing Machine ✓ Yes ___ No
7) Garbage Disposal ✓ Yes ___ No
8) Dishwasher ✓ Yes ___ No
9) Water Supply
A) Individual Well ___
B) Governmental System ___
C) Community System:
1 Well source ✓
2 Governmental source ___
10) Sewage System
House located within 200 feet of public sewer ___ Yes ✓ No
House located within 200 feet of community sewer ___ Yes ✓ No
11) FHA Case No ___
12) VA Case No ___

13) NAME OF OWNER GOEBEL (LAST) PETER (FIRST) L. (MIDDLE)

14) ADDRESS OF OWNER 8200 INDIAN TRAIL RD. CHAR. N.C. 28212

15) PHONE NO Home 545-4206 Office 545-4206

16) LOCATION OF SYSTEM 5523 BIRCH HILL RD. (STREET OR COUNTY ROAD)

17) SUBDIVISION FARMWOOD #17 Lot No. 42 Block No. T

Map Book No. ___ Page No. ___

18) DEED REFERENCE — DEED BOOK ___ AT PAGE ___

19) HAS A SOIL INVESTIGATION BEEN RUN? ✓ YES ___ NO DATE RUN 9/4/79 P.S.

20) PTR NUMBER (See Instructions) 16083

The undersigned person hereby agrees that he has read the foregoing application and that the contents of same are true. It is understood that any permit applied for herein shall be void and of no effect if any of the above facts are not true.

9-07-79
DATE OF APPLICATION

Peter Goebel
OWNER

EHD-5-76

ENVIRONMENTAL HEALTH DEPARTMENT'S COPY

Serial No. 3498

LA No. 16083

Date Issued Sept. 10, 1979

T. C No. po 135-321-01

Map Date

# MECKLENBURG COUNTY
# DEPARTMENT OF ENVIRONMENTAL HEALTH

**TO THE BUILDING INSPECTION DEPARTMENT**

IMPROVEMENT Permit

APPROVAL OF LOT FOR INSTALLATION OF AN INDIVIDUAL SEPTIC TANK WITH SUBSURFACE, SOIL ABSORPTION, EFFLUENT DISCHARGE

NAME OF OWNER Goebel, (LAST) Peter (FIRST) L. (MIDDLE)

ADDRESS OF OWNER 8200 Indian Trail Road, Charlotte ZIP 28212

LOCATION OF LOT 5523 Birch Hill Road (STREET OR COUNTY ROAD)

SUBDIVISION Farmwood #17 LOT NO #42 BLOCK NO. "T"

MAP BOOK NO. PAGE NO.

The above specified lot is approved by the Mecklenburg County Department of Environmental Health for the installation of an individual septic tank system with subsurface, soil absorption, effluent discharge based on the soil investigation, on an on-site inspection of the said lot; and upon the information supplied in the "Application for an Installation, Construction, Alteration, and/or Repair Permit", number 16083. This approval is subject to the following terms and conditions:

1. That the nitrification field be installed, constructed, altered and/or repaired in the same area where the soil investigation was run.
2. That an "Installation, Construction, Alteration, and/or Repair Permit" be issued and in full force and effect when the system is installed, constructed, altred, and/or repaired and that the system be installed in accordance with same.

This approval may be revoked and the building inspection department requested to revoke any building permit (s) which have been issued to authorize construction on the said lot if at any time it is determined that any information contained in the "Application for an Installation, Construction, Alteration, and/or Repair Permit" is not correct or is untrue or that the septic-tank system is not being installed, constructed, altered and/or repaired in accordance with a valid Installation, Construction, Alteration, and/or Repair Permit.

Environmentalist

Environmental Health Director, or Authorized Section Head

EHD-5-76

**Environmental Health Department's Copy**

Serial 3463

ICAR (S) Permit No. 16083

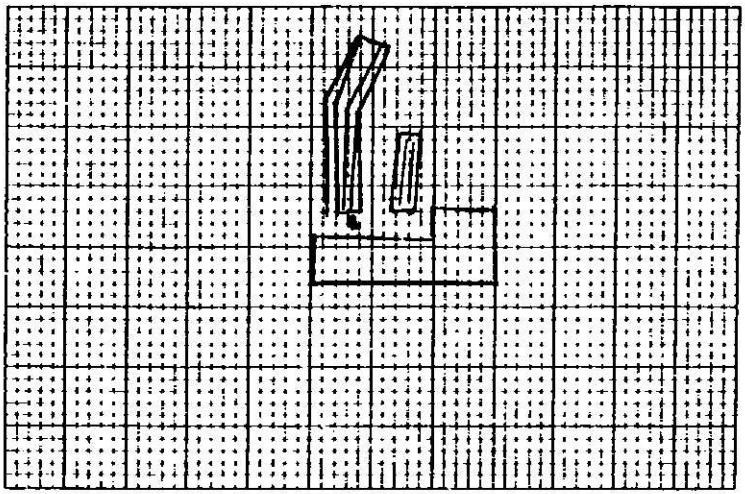
Date Issued 5 Dec 79

T C No. 135-329-09

Map Date

# MECKLENBURG COUNTY
# DEPARTMENT OF ENVIRONMENTAL HEALTH
## INSTALLATION, CONSTUCTION, ALTERATION, AND/OR REPAIR PERMIT
### (Individual Septic Tank System with Subsurface, Soil Absorption, Effluent Discharge)

Permission is hereby given to / install or Construct, __ Alter or Repair the individual septic tank wastewater treatment system with subsurface, soil absorption, effluent discharge as specified herein at the described location. This permit is granted based upon the information supplied in application 16083, dated 9/10/79 and this permit shall be void and of no effect if the information provided in the application is not true or is erroneous. All work shall be completed on or before 5 Jan, after which date this permit shall be null and void.



PLOT OF SYSTEM

Permeability Rate P.S.

Liquid Capacity of Tank 1500 gal

Tank Construction P.C. Conc

Absorption and/or Nitrification Lines:

Total Line Length 660' & 167'

Number of Lines 5 & 4

Distance from House 10'

Distance from Property Line 10'

Distance from Well 100' common

NAME OF OWNER Peter L Goebel

LOCATION OF PROPERTY 5523 Birkhill Rd. 42T

The system shall meet all of the construction requirements as set forth in the Regulations of the Mecklenburg County Health Commission which are in effect on the date of the granting of this permit. A certificate of approval must be issued by the Environmental Health Director before any system can be covered up or otherwise rendered uninspectable or can be used. The issuance of this permit does not in any way guarantee that the system anticipated to be constructed will operate properly, or relieve any person now or hereafter owning, controlling or using such system from any liability resulting from the failure of the system to operate properly.

Division or Section Head

Environmentalist Stuelbod

* If this permit is for the installation or construction of a new system, it must be signed by the division or a section head of the Department of Environmental Health in order to be valid. Only the signature of the Environmentalist is required where an existing system is being altered or repaired.

EHD-5-76

Environmental Health Department's Copy

C of A (s) No. 16063

Date Issued 10 Dec 79 **Serial** 3331 T C No 135-329-09

# MECKLENBURG COUNTY
# DEPARTMENT OF ENVIRONMENTAL HEALTH

## ENVIRONMENTAL HEALTH DIVISION

CERTIFICATE OF CONDITIONS

### CERTIFICATE OF APPROVAL

**(Individual Septic Tank System with Subsurface, Soil Absorption, Effluent Discharge)**

Name of Owner Goebel (LAST) Peter (FIRST) L (MIDDLE)

Location of Property 5523 Birchhill Rd.

Application Number _____ Permit Number 16083

**Inspection Data:**

Liquid Capacity of Tank 1500 gal Tank Material P.C Conc

Total Length of Drain Tile 660' & 167' Number of Lines 5 & 2

Depth of Filter Material 17" Cover Depth 15"

Water Supply Source Cochran Distance from Water Source 100'

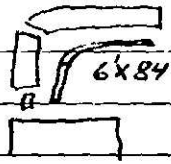
Excavation Inspected — (DATE) Tank Inspected 10 Dec (DATE)

Nitrification Field Inspected 10 Dec (DATE)

Washing Machine Line Inspected, If Applicable 10 Dec (DATE)

The undersigned has inspected the Individual Septic Tank System with subsurface, soil absorption, effluent discharge as described above and it has been ✓ installed or constructed, _____ altered or repaired in accordance with the permit issued and the regulations of the Mecklenburg County Health Commission in effect on the date of issuance of the permit. The issuance of this Certificate of Approval does not in any way guarantee that the system will operate properly or relieve any person now or hereafter owning, controlling, or using such system from any liability resulting from the failure of the system to operate properly. This Certificate of Approval is issued subject to those restrictions and conditions shown on the permit(s) in addition to those listed below under comments. This Certificate of Approval shall be null and void if any information contained in the application is untrue or if any additions are made to the property which would increase the requirements for said system.

Comments




Steve Wood
Environmentalist

EHD-S-76

**Environmental Health Department's Copy**