Date Received 2/15/80

MECK COUNTY DEPARTMENT OF
RECEIVED
FEB 13 1980
ENVIRONMENTAL HEALTH

APT No. 16633
T. P. No. 137-098-26
Map Date 9/4/79

MECKLENBURG COUNTY
DEPARTMENT OF ENVIRONMENTAL HEALTH

APPLICATION FOR SOIL INVESTIGATION

1) NAME OF OWNER Downs (LAST) Tom (FIRST) R. (MIDDLE)

2) ADDRESS OF OWNER 141 Richland Ave ZIP 282[illegible]

3) PHONE NO. Home 568-[illegible] Office 3[illegible]-5227

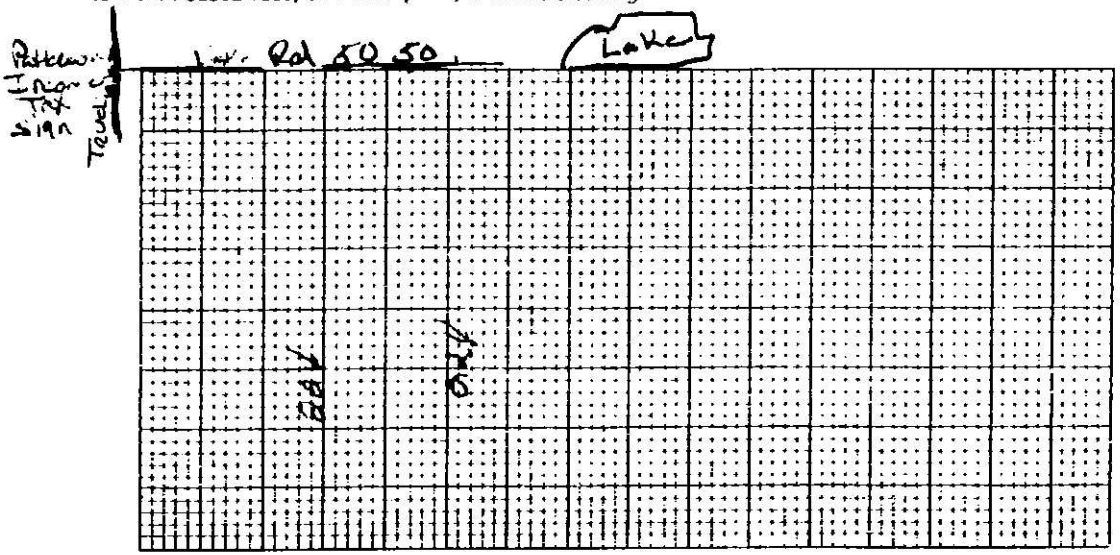
4) LOCATION OF PROPERTY Lake Rd. dir. Off Torrence Chapel (STREET OR COUNTY ROAD)

5) SUBDIVISION Wildcove Farms LOT NO. 8,9 BLOCK NO. Block L

MAP BOOK NO 6 PAGE NO. 395

6) DEED REFERENCE DEED BOOK 4200 4176 PAGE NO. 365 974

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

J. Thomas R Downs
OWNER

EHD-S-76

Environmental Health Department's Copy

S.I.R. NO. 16633

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

APPENDIX H
SITE EVALUATION

T.C. # PO 132-098-26

(Ground Absorption Sewage Disposal)

OWNER: Tom R. Downs
ADDRESS: 1441 Richland Ave
COUNTY: Charlotte, N.C.
LOCATION OF SITE: To the Rd

DATE REQUESTED:
PLAT NO.: Lots 814
LOT SIZE: 20,500

FACTORS	AREA 1	AREA 2	AREA 3	AREA 4
1. SLOPE (%)	(S) PS 2-8% U	(S) PS 2-8% 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 Clay	S PS U	S PS U
3. SOIL STRUCTURE (12.36 in.) (Clayey Soils)	S (PS) Blocky U	S (PS) Blocky U	S PS U	S PS U
4. SOIL DEPTH (In.)	(S) PS 48" U	S <48" PS Rocky (U)	S PS U	S PS U
5. RESTRICTIVE HORIZONS (In.) (Imprevious Strata, Rock)	(S) None PS U	(S) None PS U	S PS U	S PS U
6. SOIL DRAINAGE/GROUNDWATER (External & Internal)	(S) 72"+ PS ground water U	(S) 72"+ PS ground water U	S PS U	S PS U
7. SOIL PERMEABILITY (Percolation Rate)	S (PS) moderate U	S (PS) moderate 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	Provisionally Suitable	unsuitable		
SOIL SERIES	Cecil	Pacolet		

S - Suitable PS - Provisionally Suitable U - Unsuitable

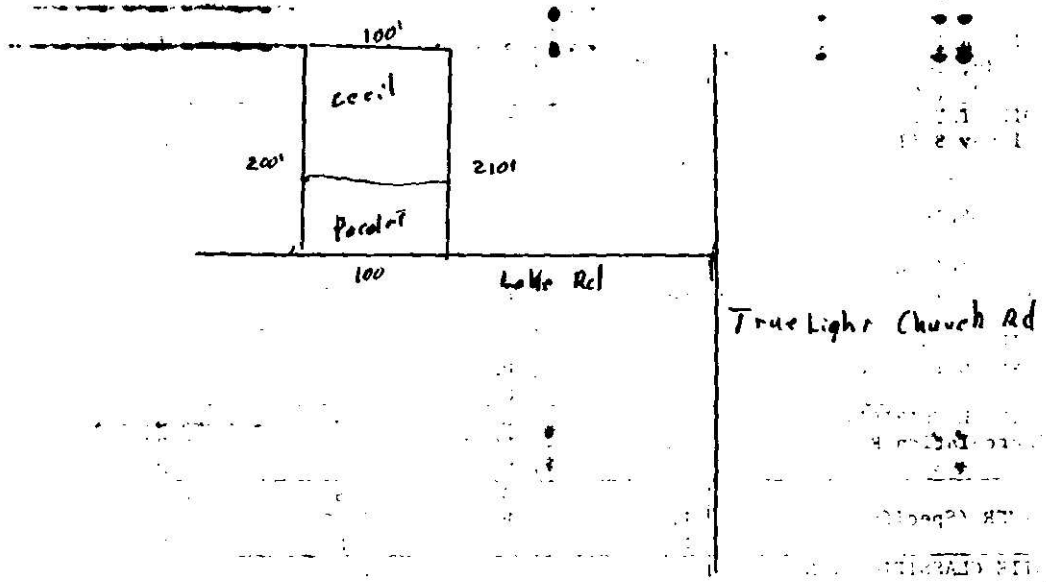
* See Diagram on Back (Include: Soil areas, property lines, roads, streams, gullies, wet areas, fill areas, wells, water bodies, slope patterns, etc)

Recommendations/Comments:

Described By: William A. Marlin

Title: Soil Scientist Date: 2-25-80

DHS Form 2604 (2/77)
Sanitation


100'
Cecil
200'
210'
Pecan
100
Lake Rd
True Light Church Rd

Serial No. 3376

PTR No. 16633

Date Issued February 26, 1980

T C No PO 137-098-26

Map Date 9/4/79

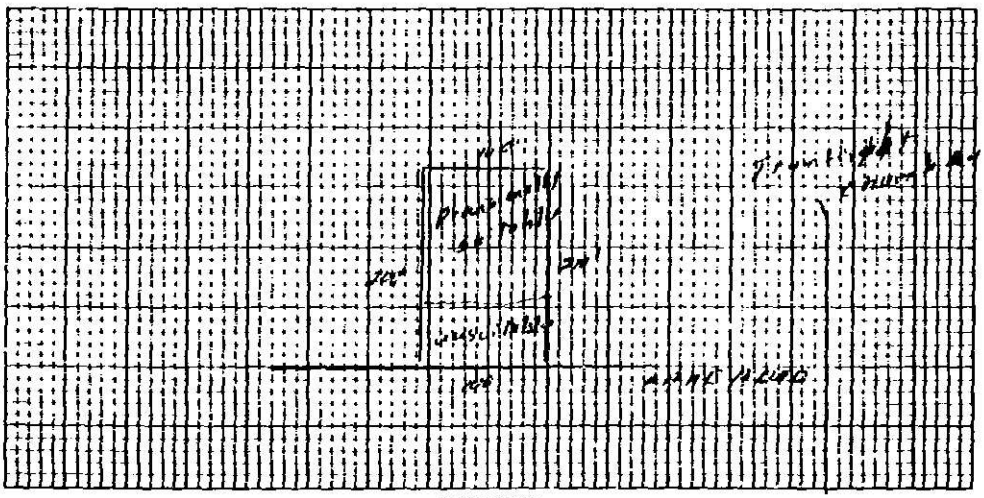
MECKLENBURG COUNTY
DEPARTMENT OF ENVIRONMENTAL HEALTH
SOIL INVESTIGATION REPORT

NAME OF OWNER Downs, (LAST) Tom (FIRST) R. (MIDDLE)

ADDRESS OF OWNER 1411 Richlane Avenue, Charlotte, NC (ZIP) 28205

LOCATION OF PROPERTY LAKE ROAD (off: Trulight Church Road)
(STREET OR COUNTY ROAD)

SUBDIVISION LOT NO. BLOCK NO



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. The permeability rate determined by the investigation was **Provisionally Suitable**. 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. Martin
Soil Scientist

John R. Adkisson
Environmental Health Director or Authorized Section Head

EHD-S-78

Environmental Health Department's Copy

Date Received 4/21/80

SEE REVERSE SIDE FOR BACK

APR 21 1980

ENVIRONMENTAL HEALTH

ICAR (S) Application No 16633

T. C. No. PD 137-058 26

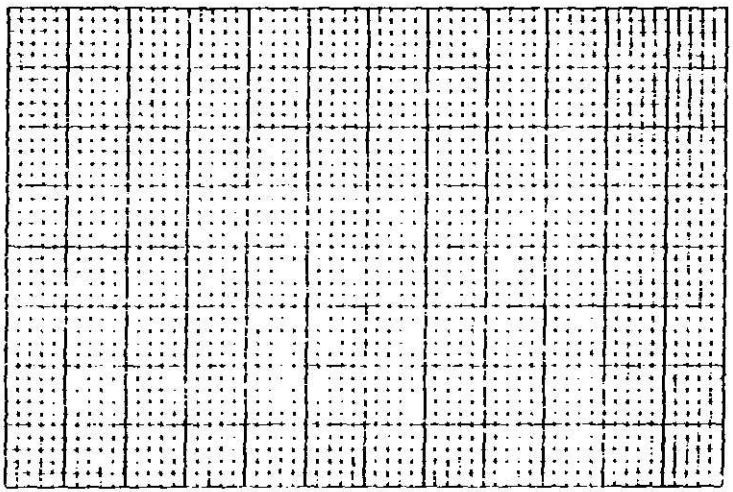
Map Date 9/4/79

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 Install or Construct 2) New 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 3 bedrooms
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 Downs (LAST) Thomas (FIRST) Ree (MIDDLE)

14) ADDRESS OF OWNER 1411 Richland Ave 28205

15) PHONE NO Home 568-0373 Office 332-5027

16) LOCATION OF SYSTEM Lake Rd (STREET OR COUNTY ROAD)

17) SUBDIVISION Wilgrove Farm Lot No. 8, 9 Block No. L

Map Book No. 6 Page No. 395

18) DEED REFERENCE — DEED BOOK 4174 / 4200 AT PAGE 974 / 368

19) HAS A SOIL INVESTIGATION BEEN RUN? ✓ YES ___ NO DATE RUN 2/26/80

20) PTR NUMBER (See Instructions) 16633

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.

4-16-80
DATE OF APPLICATION

J. Norman R Downs
OWNER

EHO-5-76

ENVIRONMENTAL HEALTH DEPARTMENT'S COPY

Serial No. 4057

LA No. 16633

Date Issued April 21, 1980

T C. No. po 137-098-26

Map Date 9/4/79

MECKLENBURG COUNTY
DEPARTMENT OF ENVIRONMENTAL HEALTH

IMPROVEMENT PERMIT

TO THE BUILDING INSPECTION DEPARTMENT

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

NAME OF OWNER Downs, (LAST) Thomas (FIRST) Rea (MIDDLE)

ADDRESS OF OWNER 1411 Richland Avenue, Charlotte, NC ZIP 28205

LOCATION OF LOT Lake Road (STREET OR COUNTY ROAD)

SUBDIVISION Wilgrove Farm LOT NO. 8 & 9 BLOCK NO. "L"

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 16633 — 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.

Adam Wigfield
Environmentalist

Mike Sexton
Environmental Health Director, or Authorized Section Head

EHD-5-76

Environmental Health Department's Copy

Date Issued 6/4/80

Serial No. 4008

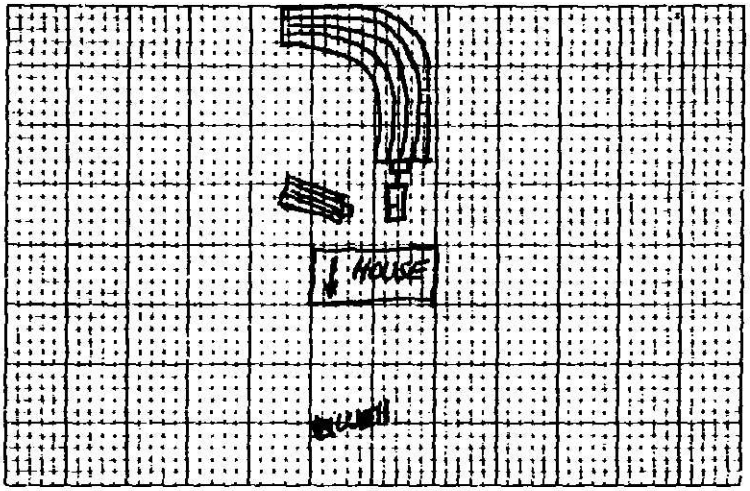
ICAR(S) Permit No 166633

T C No 137-098-26

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 166633, dated 4/21/80 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 7/10/80, after which date this permit shall be null and void.



PLOT OF SYSTEM

Permeability Rate P.S.I.

Liquid Capacity of Tank 1000 gal

Tank Construction P.C. CONC.

Absorption and/or Nitrification Lines.

Total Line Length 330'+125'

Number of Lines 5+4

Distance from House >10'

Distance from Property Line >10'

Distance from Well 100'

NAME OF OWNER Thomas Downs

LOCATION OF PROPERTY Lake Road

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.

15'X66'X17" of STONE for SEPTIC TANK

Comments: 12'X32'X17" of STONE for WASHING MACHINE

Division or Section Head

Environmentalist Adam Wyfield

* 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. 16633

Date Issued 13 June 1980 Serial 3611

T C No 137-098-96

MECKLENBURG COUNTY
DEPARTMENT OF ENVIRONMENTAL HEALTH

ENVIRONMENTAL HEALTH DIVISION

CERTIFICATE OF COMPLIANCE

CERTIFICATE OF APPROVAL

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

Name of Owner Downs, Thomas (LAST, FIRST, MIDDLE)

Location of Property Lake Road

Application Number _____ Permit Number 16633

Inspection Date: 1500 dtt

Liquid Capacity of Tank ~~1000~~ gal Tank Material precast

Total Length of Drain Tile 330 ft 125 Number of Lines 5 ft 4

Depth of Filter Material 17" Cover Depth 24"

Water Supply Source well Distance from Water Source 350'

Excavation Inspected — (DATE) Tank Inspected 6-13-80 (DATE)

Nitrification Field Inspected 6-13-80 (DATE)

Washing Machine Line Inspected, If Applicable 6-13-80 (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

John R Atkinson
Environmentalist

EHD-5-76

Environmental Health Department's Copy