Date Received 10 Aug 1984

RECEIVED
AUG 9 1984
ENVIRONMENTAL HEALTH

SIR No. 21293
T. C. No. 0011017
Map Date

MECKLENBURG COUNTY
DEPARTMENT OF ENVIRONMENTAL HEALTH

APPLICATION FOR SOIL INVESTIGATION

1) NAME OF OWNER FOOTS (LAST) DALE (FIRST) M. (MIDDLE)

2) ADDRESS OF OWNER 2501 TUDOR VILLE RD. ZIP 28214

3) PHONE NO. Home 399-5364 Office SAME

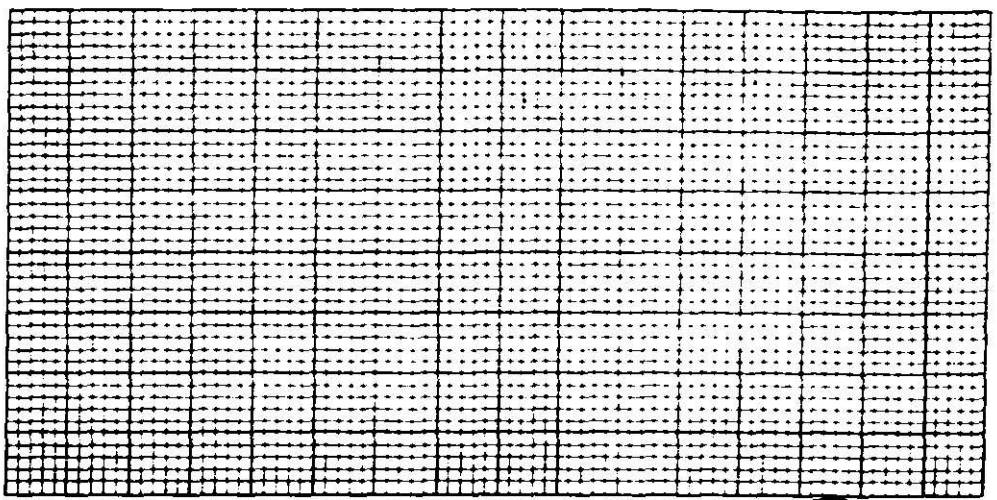
4) LOCATION OF PROPERTY 20519 BETHEL CHURCH RD.
STREET OR COUNTY ROAD

5) SUBDIVISION _____ LOT NO. _____ BLOCK NO. _____

MAP BOOK NO 12 PAGE NO 159

6) DEED REFERENCE DEED BOOK 2641 PAGE NO 225

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

EHB-S-76

Environmental Health Department's Copy

DEPARTMENT OF ENVIRONMENTAL HEALTH
MECKLENBURG COUNTY, NORTH CAROLINA

SITE EVALUATION

S.I.R. NO. 21293

T.C. NO. 001-101-07

(Ground Absorption Sewage Disposal)

OWNER: DALE M. POTTS
ADDRESS: 2501 Toddville Rd 28214
PLAT NO:
LOT SIZE: 2A
LOCATION OF SITE: Bethel Church Rd

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 inches) Sandy, Loamy, Clayey (Note 2-1 Clay)	S (PS) U Sandy Loam Clay Loam	S PS 3" U 16"	S PS U	S PS U
3. SOIL STRUCTURE (12-36 inches)	S (PS) U Blocky	S PS U	S PS U	S PS U
4. SOIL DEPTH (inches)	S PS (U) 24"	S PS U	S PS U	S PS U
5. RESTRICTIVE HORIZONS (Inches) (Impervious strata, Rock)	S (PS) U None	S PS U	S PS U	S PS U
6. SOIL DRAINAGE/GROUNDWATER (external and internal)	S (P) U Adequate If Blow Apart	S PS U	S PS U	S PS U
7. OTHER (Specify)	S PS U	S PS U	S PS U	S PS U
8. SOIL GROUP	IV. b			
9. SITE CLASSIFICATION	Unsuitable			
10. SOIL SERIES	Transitional Area With Erosion Down To 24" Saprolite. Helena with A Deep Top Soil			

S - Suitable PS - Provisionally Suitable U - Unsuitable

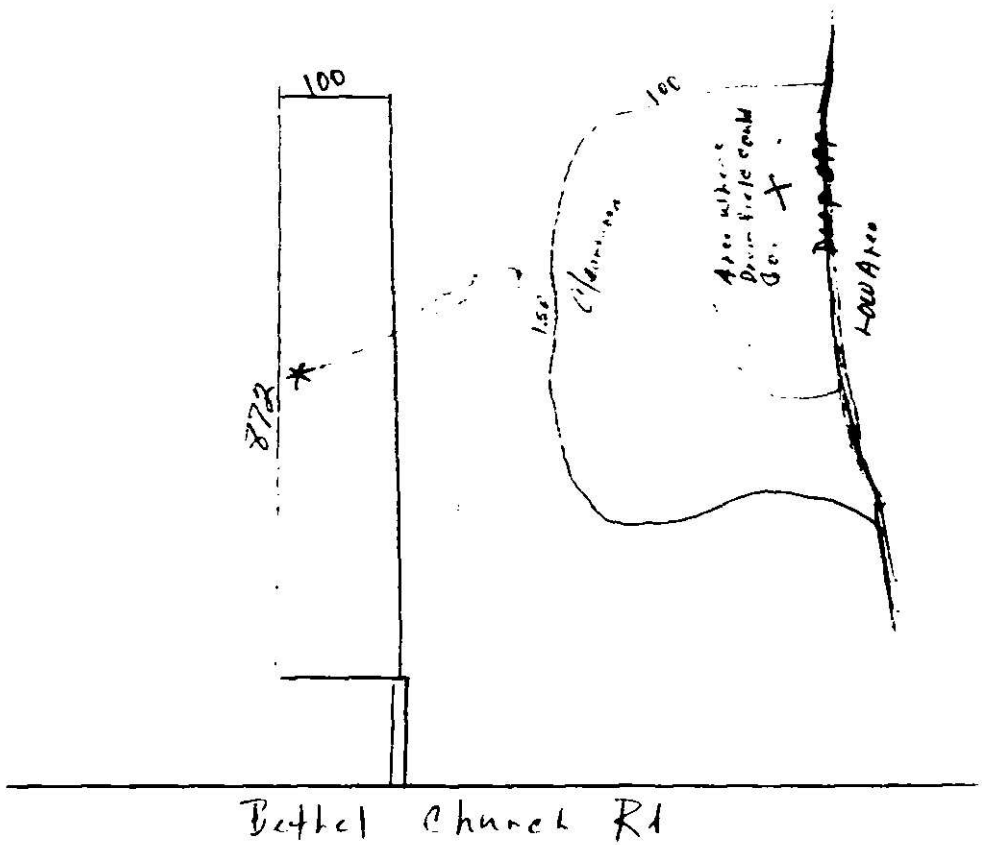
**See Diagram on Back (includes: soil areas, property lines, roads, streams, gullies, wet areas, fill areas, wells, water bodies, slopes)

Recommendations/Comments: Soil get deeper & Change to Cecil Near The Rd. The Home site Has 2 Feet of Provisionally Suitable, But Underneath It Is Poorly Drain saprolite.

Described by: W.B. Ramsey
Title: Soil Scientist

Date: 8-23-84

24


100
872
100
150
Low Area
Bethel Church Rd

DEPARTMENT OF ENVIRONMENTAL HEALTH
MECKLENBURG COUNTY,
NORTH CAROLINA

SITE EVALUATION

S.I.R. NO. 21293

T.C. NO. 004-101-07

(Ground Absorption Sewage Disposal)

OWNER: DALE M. PETTS
ADDRESS: 2501 Teddsville Rd 28214
PLAT NO:
LOT SIZE: 2A

LOCATION OF SITE: Bethel Church Rd

FACTORS	AREA 1	AREA 2	AREA 3	AREA 4
1. SLOPE (%)	S (PS) U 2-8	S (PS) U 2-6	S PS U	S PS U
2. SOIL TEXTURE (12-36 inches) Sandy, Loamy, Clayey (Note 2-1 Clay)	S (PS) U mixed clay	S (PS) U Clayey	S PS U	S PS U
3. SOIL STRUCTURE (12-36 inches)	S (PS) U weak blocky	S (PS) U Blocky	S PS U	S PS U
4. SOIL DEPTH (inches)	S PS (U) 24'	S (PS) U 36-45	S PS U	S PS U
5. RESTRICTIVE HORIZONS (Inches) (Impervious strata, Rock)	S (PS) U None	S (PS) U None	S PS U	S PS U
6. SOIL DRAINAGE/GROUNDWATER (external and internal)	S (PS) U Slow	S (PS) U Adequate	S PS U	S PS U
7. OTHER (Specify)	S PS U	S PS U	S PS U	S PS U
8. SOIL GROUP	IIIB	IVa		
9. SITE CLASSIFICATION	Unsuitable	Provisionally Suitable		
10. SOIL SERIES	Helena	Cecil		

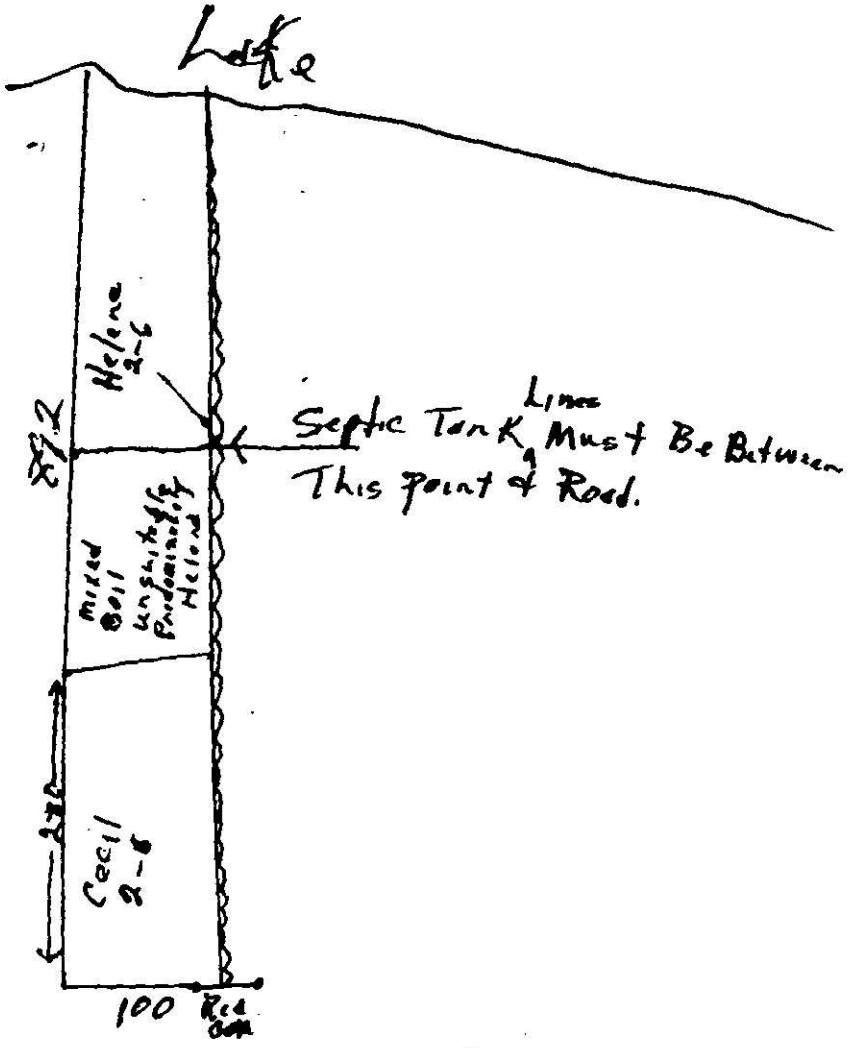
S - Suitable PS - Provisionally Suitable U - Unsuitable

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

Recommendations/Comments: Survey of Front Part of Lot.

Described by: W. B. Ramsey
Title: Sanitarian

Date: 9-25-84


Lake
Helena 2-6
Septic Tank Lines Must Be Between This Point & Road.
mixed soil unsuitable predominately Helena
Cecil 2-6
100
Bethel Church Rd

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

Dale M. Potts
2501 Toddville Road
Charlotte, NC 28214

August 27, 1984

Dear Mr. Potts:

Re: Property located at Bethel Church Road (Tax Code #001-101-07) Sir 21293

Dear Sir:

At your request a soils investigation was conducted on the property designated above. Results of this investigation, showed the site to be classified unsuitable for the installation of a ground absorption sewage disposal system. A copy of the site evaluation report is enclosed for your information.

North Carolina General Statute 130A-335 and 10 NCAC 10A .1948 (c) provides that:

> Sites originally classified as **UNSUITABLE** may be used for soil absorption disposal systems, provided engineering, hydrogeologic, and soil studies indicate to the local health department that a suitable septic tank system or a suitable alternate system can reasonably be expected to function satisfactorily. Such sites may be reclassified as **PROVISIONALLY SUITABLE** upon submission to the local health department and when requested by the local health department to the state agency of the following:
>
> (1) Adequate substantiating data to indicate that a ground absorption system can be installed so that the effluent will receive adequate treatment;
>
> (2) Adequate substantiating data to indicate that the effluent will not contaminate any drinking water supply, ground water used for drinking water, or any surface water;
>
> (3) Adequate substantiating data to indicate that the effluent will not be exposed on the ground surface or be discharged to surface waters where it could come in contact with people, animals, or vectors.

Upon receipt of a request for reclassification as provided for above, the submission of plans and specifications for an applicable sewerage treatment system, and the approval of such system as submitted, the department will issue the appropriate permits.

If I may be of any assistance, please feel free to call.

Sincerely,

Bill D. Hardester, Jr.

Enclosure

Date Received 10 Aug 1984

RECEIVED
AUG 9 1984
ENVIRONMENTAL HEALTH

ICAR(S) Application No. 21293
T.E. No. 00110107
Map Date L

MECKLENBURG COUNTY
DEPARTMENT OF ENVIRONMENTAL HEALTH

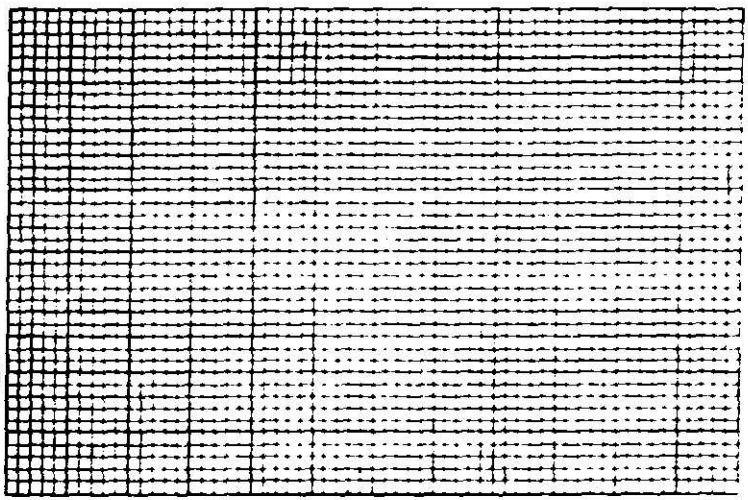
Application for an
Installation, Construction, Alteration, and/or Repair Permit
(Individual Septic Tank System with Subsurface, Soil Absorption, Effluent Discharge)

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

Mobile Home ✓ Yes ___ No
Residence ___ Yes ___ No

4) No of Bedrooms 2
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 ___



3) PLOT PLAN (ACCURATELY DIMENSIONED)

13) NAME OF OWNER [illegible] DALE M.
LAST FIRST MIDDLE

14) ADDRESS OF OWNER [illegible] RD.

15) PHONE NO. Home [illegible] Office SAME

16) LOCATION OF SYSTEM 20519 BETHEL CHURCH RD.
STREET OR COUNTY ROAD

17) SUBDIVISION ___ Lot No. ___ Block No. ___

Map Book No. 12 Page No. 159

18) DEED REFERENCE — DEED BOOK 2641 AT PAGE 225

19) HAS A SOIL INVESTIGATION BEEN RUN? ___ YES ✓ NO DATE RUN ___

20) PTR NUMBER (See Instructions) ___

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.

10 Aug 1984
DATE OF APPLICATION

[signature]
OWNER

BHD-5-76

Environmental Health Department's Copy

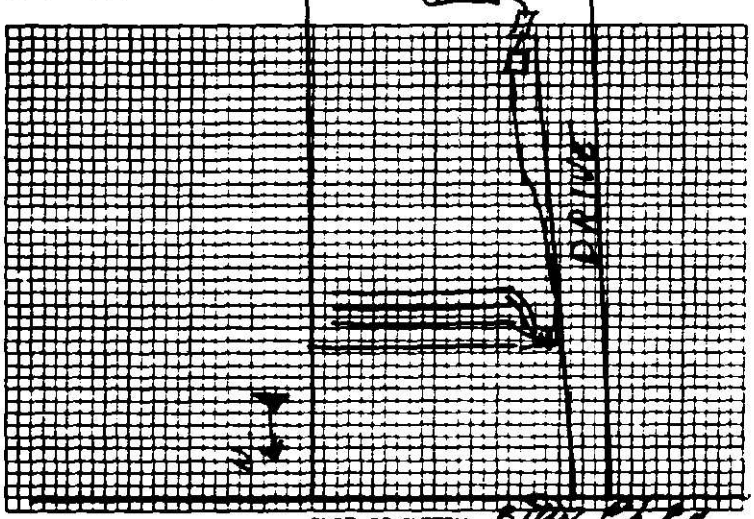
Date Issued 10-8-1984 Serial No. 07611 ICAR(S) Permit No. 21293

T. C. No. 001-101-07

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 X 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 21293, dated Aug 10th 1984 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 NOV 8th 1984, after which date this permit shall be null and void.



PLOT OF SYSTEM

Permeability Rate PS IIA

Liquid Capacity of Tank 1000 gal LS- 1500 gal ST.

Tank Construction Pre Cast Concrete

Absorption and or Nitrification Lines

Total Line Length 267 FT.

Number of Lines FOUR

Distance from House 5 FT

Distance from Property Line _____

Distance from Well KEEP 100 FT AWAY NOT IN YET

NAME OF OWNER POTTS, DALE

LOCATION OF PROPERTY 20519 BETHEL CHURCH RD

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.

Comments: FOUR Trenches to be 69 FT x 3 FT x 12 inches Stone - hay or Straw COVER - grade b/c - LIFT STATION

B. Lancaster
Division or Section Head

Ralph Miller
Environmentalist

* 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

Serial No. 5887

SIR No. 21293

T. C. No. PO 001-101-07

Date Issued 9-27-84

Map Date L

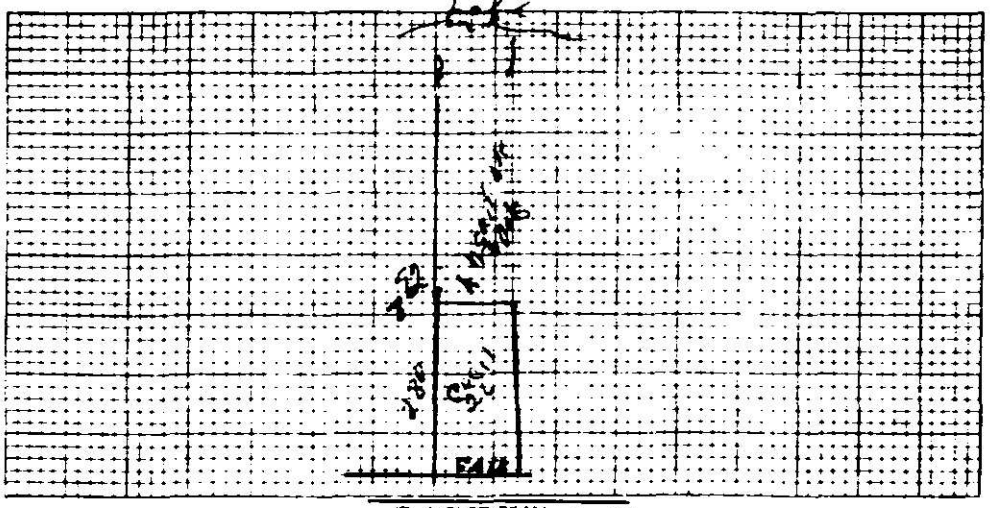
MECKLENBURG COUNTY
DEPARTMENT OF ENVIRONMENTAL HEALTH
SOIL INVESTIGATION REPORT

NAME OF OWNER Potts, (LAST) Dale (FIRST) M. (MIDDLE)

ADDRESS OF OWNER 2501 Toddville Road, Charlotte, NC ZIP 28214

LOCATION OF PROPERTY 20519 Bethel 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. 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. [illegible] the Mecklenburg County Department of Environmental Health [illegible] the wastewater treatment system on the said lot.
2. [illegible] the septic tank wastewater treatment [illegible] determined by the Mecklenburg County Department of Environmental Health [illegible] the size and type [illegible]
3. This approval [illegible] system installation on the above plot.
4. [illegible]

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.

W. B. Ramsey
Soil Scientist

Bill D. Harlister
Environmental Health Director or Authorized Section Head

EHD-5-76

Environmental Health Department's Copy

SIR No. 21293

Serial No. 7878

Date Issued 9-27-84

T. C. No. PO 001-101-07

Map Date L CRT

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 Potts, (LAST) Dale (FIRST) M. (MIDDLE)

ADDRESS OF OWNER 2501 Toddville Road, Charlotte, NC ZIP 28214

LOCATION OF LOT 20519 Bethel Church Road (STREET OR COUNTY ROAD)

SUBDIVISION _____ LOT NO _____ BLOCK NO _____

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 21293. 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, altered, 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.

Ralph Miller
Environmentalist

Eric D. Hardister Jr.
Environmental Health Director, or Authorized Section Head

EHD-5-76

Environmental Health Department's Copy

C of A (s) No. 21293

Date Issued 10-11-94 Serial 7041 T. C No. 001-101-07 L CRT

MECKLENBURG COUNTY
DEPARTMENT OF ENVIRONMENTAL HEALTH

OPERATION PERMIT

CERTIFICATE OF APPROVAL

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

Name of Owner Potts, Dale
LAST FIRST MIDDLE

Location of Property 20519 Bethel Church Rd.

Application Number 21293 Permit Number 21293

Inspection Data:

Liquid Capacity of Tank 1000 gal LS 1000 gal ST Tank Material PCC

Total Length of Drain Tile 267' Number of Lines Four

Depth of Filter Material 12" Cover Depth 12"

Water Supply Source well Distance from Water Source 50'

Excavation Inspected 10-11-94 DATE Tank Inspected 10-11-94 DATE

Nitrification Field Inspected 10-11-94 DATE

Washing Machine Line Inspected If Applicable ____ 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 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

Jim Ericson
Environmentalist

EHD-S-76

Environmental Health Department's Copy