SOIL INVESTIGATION REPORT

Date of Investigation April 25, 1977 AFT NO. 12236

Owner Bethel Presbyterian Church

Location of Property Bethel Church Road Tax Code No. 001-141-02

Soil Properties	Soil Suitability Ratings Soil 1	Soil 2	Soil 3	Soil 4
1. Soil Series	Cecil			
2. Soil Slope	suitable 2-6%			
3. Soil Depth	suitable >48"			
4. Soil Texture	provisionally suitable clay			
5. Soil Structure	provisionally suitable blocky			
6. Restrictive Horizons	—			
7. Soil Drainage	suitable water table 66 76"			
8. Soil Permeability (Percolation Rate)	provisionally suitable moderate			
9. Other	60 min/in			
10. Overall Rating	provisionally suitable			

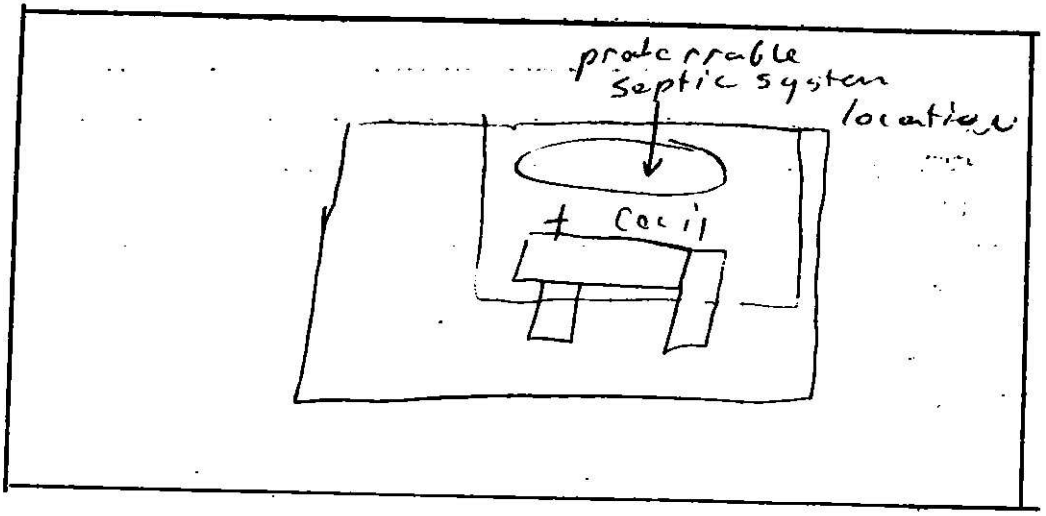
Remarks Recommendations Based on this investigation, the lot was found to have an adequate area of acceptable soils for installation of a septic tank system. System design should be based on a percolation rate of 60 min/in.

See diagram on back

W. Edward Casement
Soil Scientist

3/18/75
END 539

DIAGRAM OF PROPERTY



3/18/75

339

Serial No. 0686

PTR No. 12236

T. C. No. 001-141-02

Date Issued 4/27/77

Map Date -

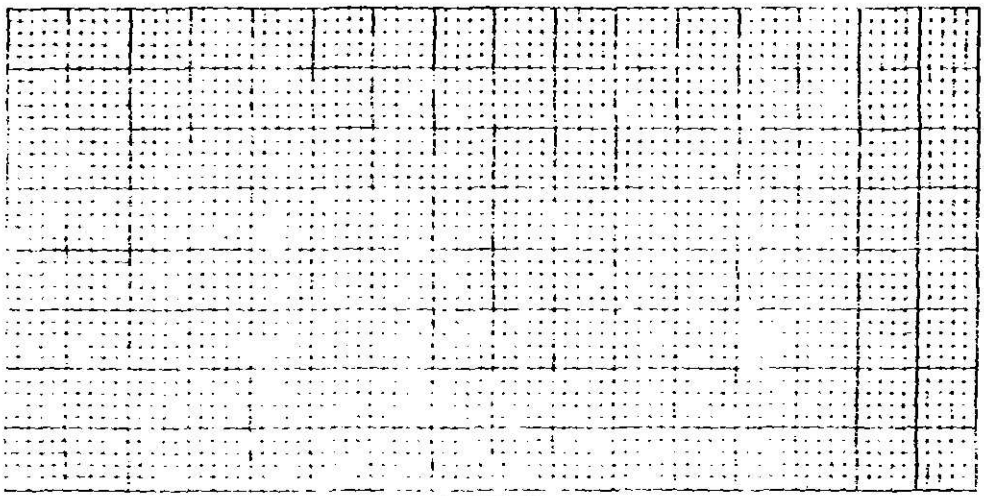
MECKLENBURG COUNTY
DEPARTMENT OF ENVIRONMENTAL HEALTH
SOIL INVESTIGATION REPORT

NAME OF OWNER Bethel Presbyterian Church
LAST FIRST MIDDLE

ADDRESS OF OWNER Bethel Church Road, Cornelius ZIP

LOCATION OF PROPERTY Bethel Church Road
STREET OR COUNTY ROAD

SUBDIVISION - LOT NO - BLOCK NO.



PLOT PLAN

This is to certify that the investigation of the site and soil conditions on the property described above was conducted by the Mecklenburg County Department of Environmental Health and that said investigation was conducted on the date indicated on the face of this report. Provisonally Suitable

The permeability rate determined by this investigation was 60Min./In. 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 must be obtained from the Mecklenburg County Department of Environmental Health prior to the construction of the wastewater treatment system or the use of the lot.
2. The septic tank and water treatment system which must be installed is to be determined by the Mecklenburg County Department of Environmental Health prior to issuance of the permit. The rate obtained above is for the use of type of building construction therein.
3. This approval is only for the system as installed on the immediate area indicated as acceptable for system installation on the plot plan.
4. This approval is void and pending if any changes, modifications and/or additions are performed on the property by the owner, the Mecklenburg County Department of Environmental Health considers the area indicated as acceptable for system installation unsuitable for installation, construction or alteration of the approved wastewater 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.

John R. Dickerson
Environmental Health Director or Authorized Section Head

EHD-5-74 Soil Scientist

Environmental Health Department's Copy

SEE INSTRUCTIONS ON BACK

ICAR (S) Application No. 12236

Date Received 22 April 1977

T. C. No. 001-141-02

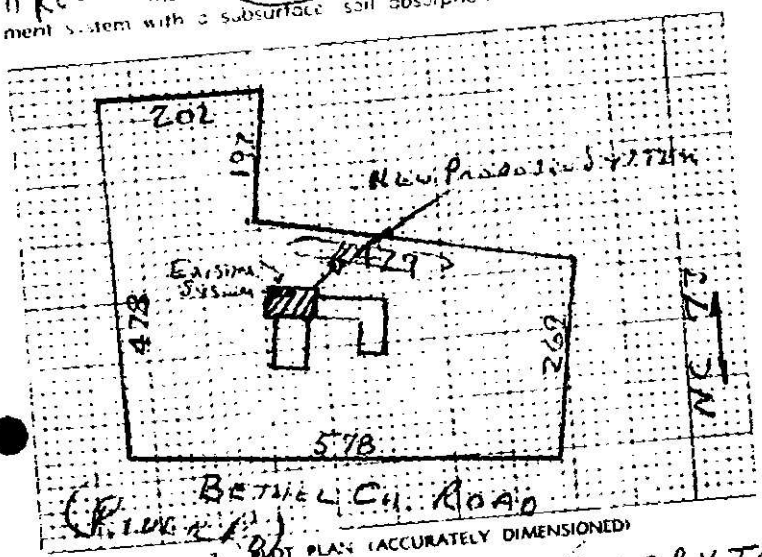
Map Date ____

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) Relocate 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)

4) Mobile Home Yes X No
Residence Yes X No
5) No. of Bedrooms 4 COUNCIL
Business Use Max No. Employees SEATING CAP 50
6) Washing Machine Yes X No
7) Garbage Disposal Yes X No
8) Dishwasher Yes X No
9) Water Supply:
A. Individual Well X
B. Governmental System
C. Community System
1. Well source
2. Governmental source
10) Sewage System
House located within 200 feet of public sewer Yes X No
House located within 200 feet of community sewer Yes X No
11) EHA Case No.
12) LA Case No.

13) NAME OF OWNER BETHEL PRESBYTERIAN CHURCH (LAST, FIRST, MIDDLE)

14) ADDRESS OF OWNER BETHEL CHURCH ROAD - CORNELIUS

15) PHONE NO. Home CORNELIUS 892-2664 Office 892-0546

16) LOCATION OF SYSTEM ____ (STREET OR COUNTY ROAD) Block No. ____

17) SUBDIVISION ____ Lot No. ____ PARCEL NO. 001-141-02

Map Book No. ____ Page No. ____

18) DEED REFERENCE — DEED BOOK ____ AT PAGE ____

19) HAS A SOIL INVESTIGATION BEEN RUN? YES X 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 some 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.

OWNER Chairman of Building Committee Bethel Church

DATE OF APPLICATION ____

Environmental Health Department's Copy

EHD-S-76

Serial No. 0704

LA No. 12236

T. C. No. 001-141-02

Date Issued 4/27/77

Map Date -

MECKLENBURG COUNTY
DEPARTMENT OF ENVIRONMENTAL HEALTH

TO THE BUILDING INSPECTION DEPARTMENT

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

NAME OF OWNER Bethel Presbyterian Church
(LAST / FIRST / MIDDLE)

ADDRESS OF OWNER Bethel Church Road ZIP

LOCATION OF LOT Bethel Church Road, Cornelius
(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 12236 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.

John R Adkisson
Environmentalist

Environmental Health Director, or Authorized Section Head

EHD-S-76

Environmental Health Department's Copy

Date Issued 21 Aug 11

Serial No. 1040

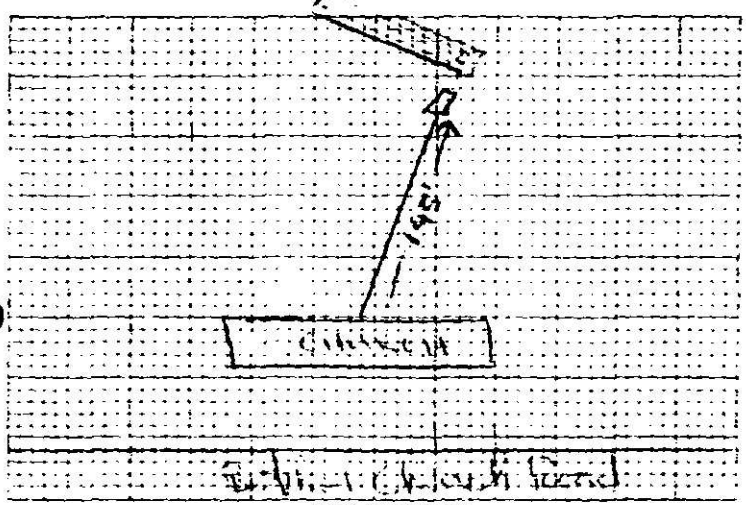
ICAR(S) Permit No. 12236

T. C. No. 501-141-03

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 12236, dated _____ 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 21 Sept 11, after which date this permit shall be null and void.



PLOT OF SYSTEM

Permeability Rate: CC

Liquid Capacity of Tank: 1500 gal

Tank Construction: Precast Concrete

Absorption and/or Nitrification Lines:

Total Line Length: 415'

Number of Lines: 5 (5 feet)

Distance from House: 15'+

Distance from Property Line: 10'+

Distance from Well: 100'+

NAME OF OWNER: Bethel Presbyterian Church

LOCATION OF PROPERTY: Ebenezer Church 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.**

Comments:

Division or Section Head

E M Reynolds
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

Date Issued 23 Aug 77 Serial No. 0996

C of A (s) No. 12236

T. C. No. 021-141-02

MECKLENBURG COUNTY
DEPARTMENT OF ENVIRONMENTAL HEALTH
ENVIRONMENTAL HEALTH DIVISION

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

Name of Owner Bethel Church (LAST, FIRST, MIDDLE)

Location of Property Bethel Church Road

Application Number 12236 Permit Number 12236

Inspection Data:

Liquid Capacity of Tank 1500 gal Tank Material Precast Concrete

Total Length of Drain Tile 495 ft Number of Lines 5 - 15' x 2

Depth of Filter Material 12" Cover Depth 24"

Water Supply Source well Distance from Water Source 136'

Excavation Inspected 23 Aug 77 (DATE) Tank Inspected 23 Aug 77 (DATE)

Nitrification Field Inspected 23 Aug 77 (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(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

J. McCaughan
Environmentalist

EHD-5-76

Environmental Health Department's Copy