Date Received 11-8-83

MECK[illegible]Y DEPARTMENT OF
RECEIVED
NOV 7 1983
ENVIRONMENTAL HEALTH

SIR No. 20280
T.E. No. 001-121-03
Map Date

MECKLENBURG COUNTY
DEPARTMENT OF ENVIRONMENTAL HEALTH

APPLICATION FOR SOIL INVESTIGATION

1) NAME OF OWNER Russell (LAST) Bobby (FIRST) B (MIDDLE)

2) ADDRESS OF OWNER P.O. Box 4 DAVIDSON ZIP 28036

3) PHONE NO. Home 892-0248 Office 892-0146

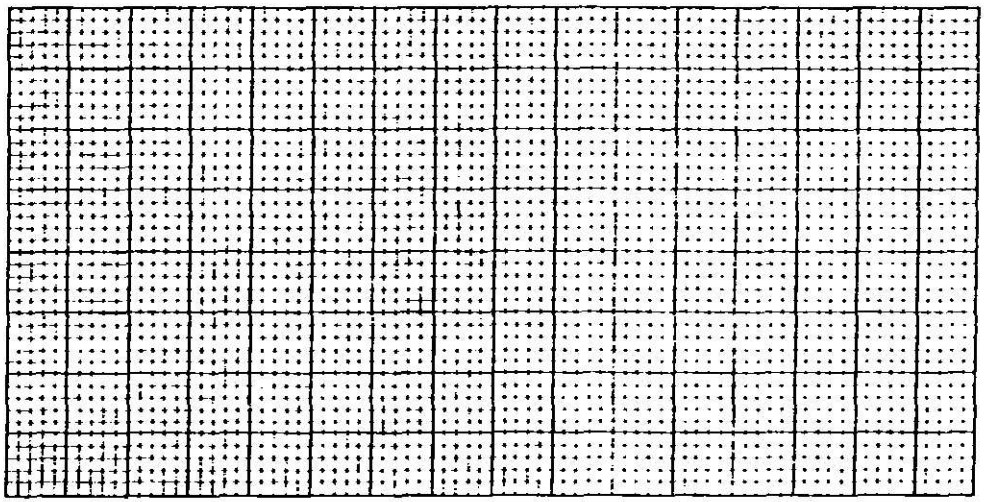
4) LOCATION OF PROPERTY Bethel Church Rd. (STREET OR COUNTY ROAD)

5) SUBDIVISION _____ LOT NO. 9 BLOCK NO. _____

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

Bobby B Russell
OWNER

EHD-5-76

ENVIRONMENTAL HEALTH DEPARTMENT'S COPY

DEPARTMENT OF ENVIRONMENTAL HEALTH
1000 BLYTHE BOULEVARD
CHARLOTTE, NORTH CAROLINA 28203

SIR. NO. 20280
T.C. NO. PO 001-121-03
DATE: 12-15-83

Russell B. Knox
P.O. Box 4
Davidson, NC 28036

Re: Property located at Bethel Church Road, Lot 9

Dear Mr. Knox:

At your request, a field investigation was conducted on the property designated above. The soils on the property were found to contain a limited area of provisionally suitable soil for the installation of a ground absorption sewage disposal system. A copy of the site evaluation report is enclosed for your information.

Should you desire to file for permission to install a ground absorption sewage disposal system, please submit plot plans for the proposed construction, well, and ground absorption sewage disposal system to this office. They will be reviewed and if it is found that there is an adequate area of provisionally suitable soil to accommodate the proposed installation, an Improvements Permit will be issued by this office.

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

Sincerely,

Bill D. Hardister, Jr.

Bill D. Hardister, Jr.
Environmental Health Supervisor

BDH/kbg

Enclosure

DEPARTMENT OF
ENVIRONMENTAL HEALTH
MECKLENBURG COUNTY,
NORTH CAROLINA

SITE EVALUATION

S.I.R. NO. 20280

T.C. NO. PO 001-12103

(Ground Absorption Sewage Disposal)

OWNER: Russell & Bobby Kreef
ADDRESS: PO Box 4
Davidson N.C. 28036
LOCATION OF SITE: off Bethel Church Road

PLAT NO: Lot #9
LOT SIZE: 46,173

FACTORS	AREA 1	AREA 2	AREA 3	AREA 4
1. SLOPE (%)	S PS 2-[illegible] U	S Complex PS slopes U	S PS U	S PS U
2. SOIL TEXTURE (12-36 inches) Sandy, Loamy, Clayey (Note 2-1 Clay)	S PS Clay U	S PS clay U	S PS U	S PS U
3. SOIL STRUCTURE (12-36 inches)	S PS Blocky U	S PS Blocky U	S PS U	S PS U
4. SOIL DEPTH (inches)	S PS 36-48" U	S PS < 36" U	S PS U	S PS U
5. RESTRICTIVE HORIZONS (Inches) (Impervious strata, Rock)	S PS > 36" U	S < 36" PS U	S PS U	S PS U
6. SOIL DRAINAGE/GROUNDWATER (external and internal)	S > 48" to PS ground U water	S Eroded PS Areas U channel runoff	S PS U	S PS U
7. OTHER (Specify)	S PS see Note U	S PS U	S PS U	S PS U
8. SOIL GROUP	IVA	IVA		
9. SITE CLASSIFICATION	Provisionally suitable	unsuitable		
10. SOIL SERIES	Cecil Lite	Complex slopes		

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)

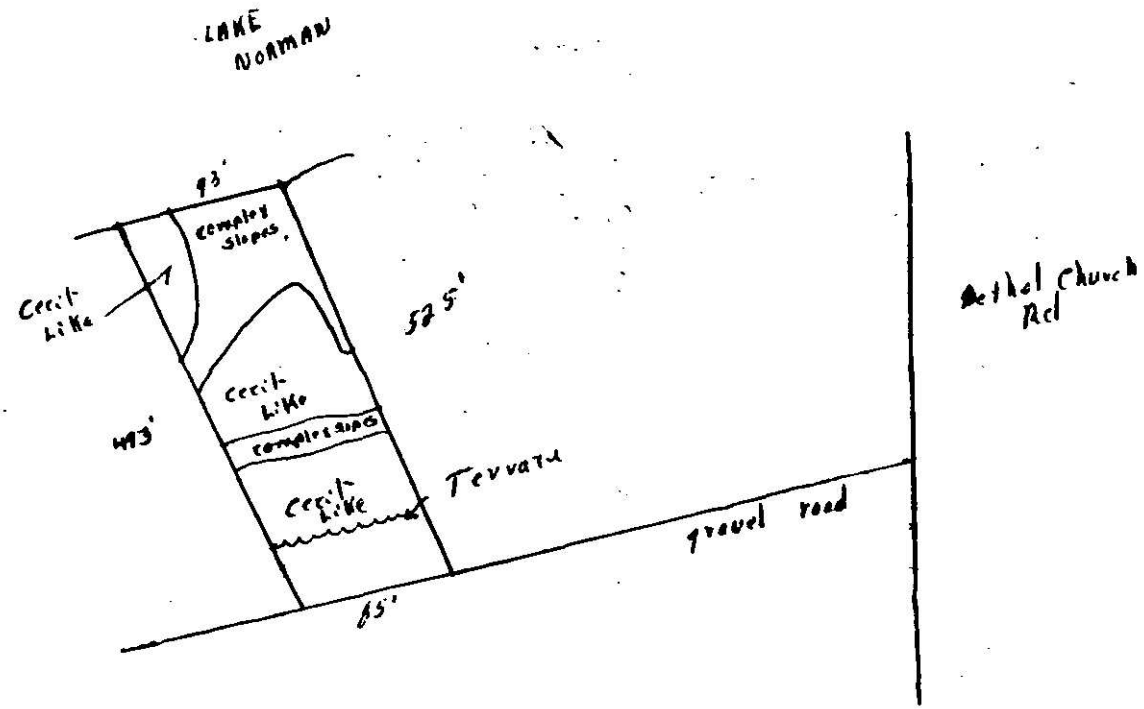
Recommendations/Comments: System Alloy based lift station - Recommend plans for house & system location be submitted

Described by: William A. Martin
Title: Soil Scientist

Date: 12-14-83

EHD 539 (Revised: 6/82)

14


LAKE
NORMAN
93'
complex slopes
Cecil-Like
525'
Cecil-Like
413'
complex slopes
Cecil-Like
Tevvard
travel road
65'
Bethel Church Rd

SEE INSTRUCTIONS ON BACK

Date Received 4-25-84

ICAR(S) Application No. 20280

T.C. No. 001-121-03

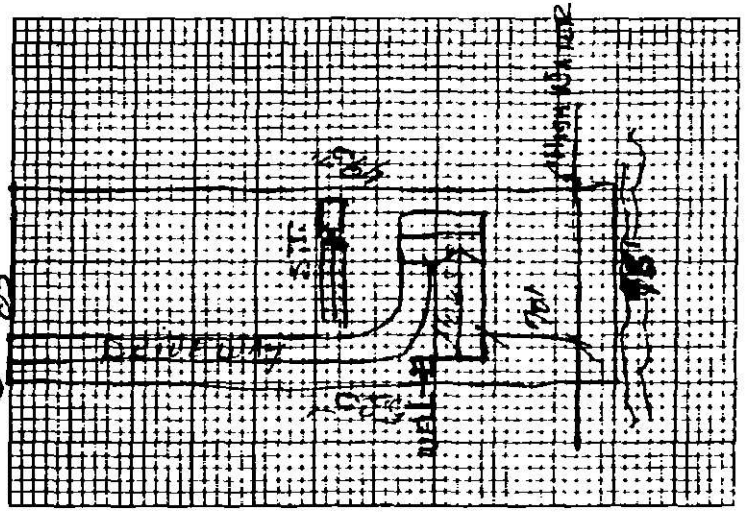
Map Date _____

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 3

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 Howison (LAST) Conrad (FIRST) R (MIDDLE)

14) ADDRESS OF OWNER 27032 Ishleh Ct. Fort Mill, S.C. 29715

15) PHONE NO. Home 803-548-3940 Office 704-527-2661

16) LOCATION OF SYSTEM 20406 ZZ Bethel Church Rd. (STREET OR COUNTY ROAD)

17) SUBDIVISION _____ Lot No. _____ Block No. _____

Map Book No. _____ Page No. _____

18) DEED REFERENCE — DEED BOOK _____ AT PAGE _____

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.

4-25-84
DATE OF APPLICATION

Conrad R. Howison
OWNER

EHD-5-76

Environmental Health Department's Copy

Date Issued 5-4-84

Serial No. 7469

SIR No. 20280

T. C. No. PO 001-121-03

Map Date L CET

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 Howison, (LAST) Conrad (FIRST) R. (MIDDLE)

ADDRESS OF OWNER 27032 Fahleh Court, Fort Mill, SC ZIP 29715

LOCATION OF LOT 20406 ZZ Bethel Church Road (STREET OR COUNTY ROAD)

SUBDIVISION _____ LOT NO 7 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 20280. 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.

*** LIFT STATION MAY BE NEEDED ***

Ralph Riddle
Environmentalist

Environmental Health Director, or Authorized Section Head

EHD-5-76

Environmental Health Department's Copy

Date Issued 8-21-84

Serial No. 07385

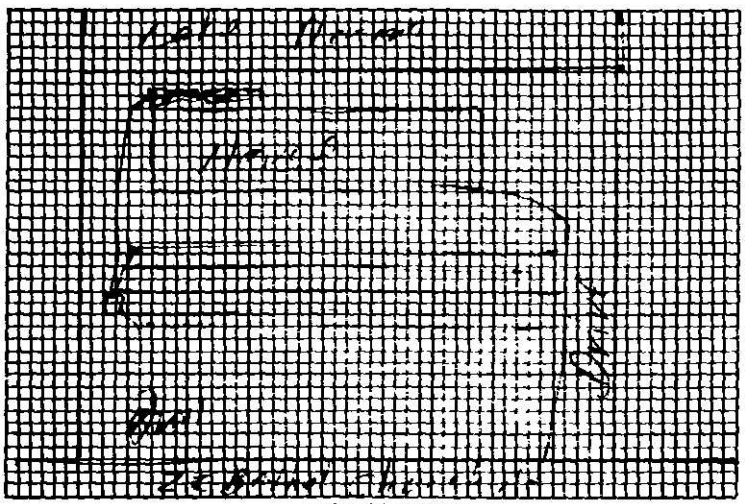
ICAR(S) Permit No. 20280

T. C. No. 001-121-03

Map Date L

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 20280, dated 4-25-84 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 9-20-84, after which date this permit shall be null and void.



PLOT OF SYSTEM

Permeability Rate IVa

Liquid Capacity of Tank 1500 st 1000 lift station

Tank Construction PCC

Absorption and/or Nitrification Lines:

Total Line Length 300'

Number of Lines 5'X

Distance from House 5'

Distance from Property Line 10'

Distance from Well 100'

NAME OF OWNER Howison, Conrad

LOCATION OF PROPERTY 2040 ~~ZZ~~ Bethel Wood Lane ~~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.

5'X Trenches 50'X 3'X 5' Stone, L.S. station required, high water

Comments: None

Division or Section Head

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

C of A (s) No. 20280

Date Issued 10-1-84 Serial 7009 T C. No. 001-121-03 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 HOWISON, CONRAD (LAST, FIRST, MIDDLE)

Location of Property 20406 ~~22~~. BETHEL CHURCH ROAD

Application Number 20280 Permit Number 20280

Inspection Data:

Liquid Capacity of Tank 1000 gal L.S. 1500 gal S.T. Tank Material Pre Cast Concrete

Total Length of Drain Tile 300 Lin FT. Number of Lines SIX

Depth of Filter Material 12 inches Cover Depth 12 inches

Water Supply Source Well Distance from Water Source 100 FT.

Excavation Inspected 9-28-84 (DATE) Tank Inspected 10-1-84 (DATE)

Nitrification Field Inspected 9-28-84 (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 X 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 SIX concrete dams put at two of each Trench between solid & perforated line to keep any leakage down hill from occurring & one At half way Point Between 1st Station & "D" Box

Ralph Miller
Environmentalist

EHD-5-74

Environmental Health Department