Date Received 11-8-83

RECEIVED
NOV 7 1983
ENVIRONMENTAL HEALTH

SR No. 20282
T.C. No. 001-121-03
Map Date

MECKLENBURG COUNTY
DEPARTMENT OF ENVIRONMENTAL HEALTH

APPLICATION FOR SOIL INVESTIGATION

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

2) ADDRESS OF OWNER PO Box 4 DAVIDSON NC ZIP 28036

3) PHONE NO. Home 8920248 Office 8920196

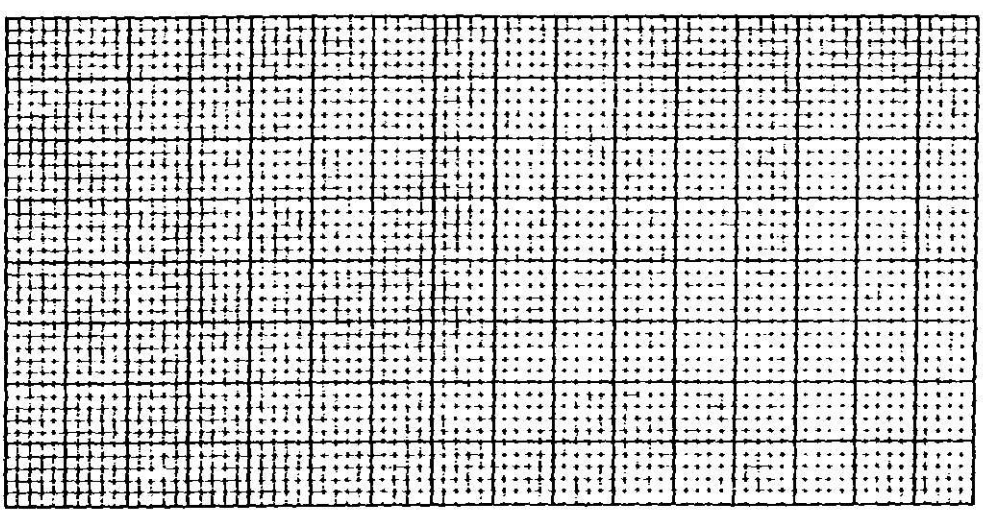
4) LOCATION OF PROPERTY Bethel Church Rd. (STREET OR COUNTY ROAD)

5) SUBDIVISION _____ LOT NO. 11 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. Knox
OWNER

EHD-5-76

ENVIRONMENTAL HEALTH DEPARTMENT'S COPY

[illegible] OF ENVIRONMENTAL HEALTH
[illegible] BLYTHE BOULEVARD
CHARLOTTE, NORTH CAROLINA [illegible]

SIR. NO. 20282
T.C. NO. 80 001-121-03
DATE: 12-15-83

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

Re: Property located at Bethel Church Road, Lot 11

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. 20202

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

(Ground Absorption Sewage Disposal)

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

PLAT NO: Lot #11
LOT SIZE: 37.897

FACTORS	AREA 1	AREA 2	AREA 3	AREA 4
1. SLOPE (%)	S PS 2-10% U	S PS Complex 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 PS < 36" U	S PS U	S PS U
6. SOIL DRAINAGE/GROUNDWATER (external and internal)	S > 48" PS To ground water U	S PS Eroded 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 Lake	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)

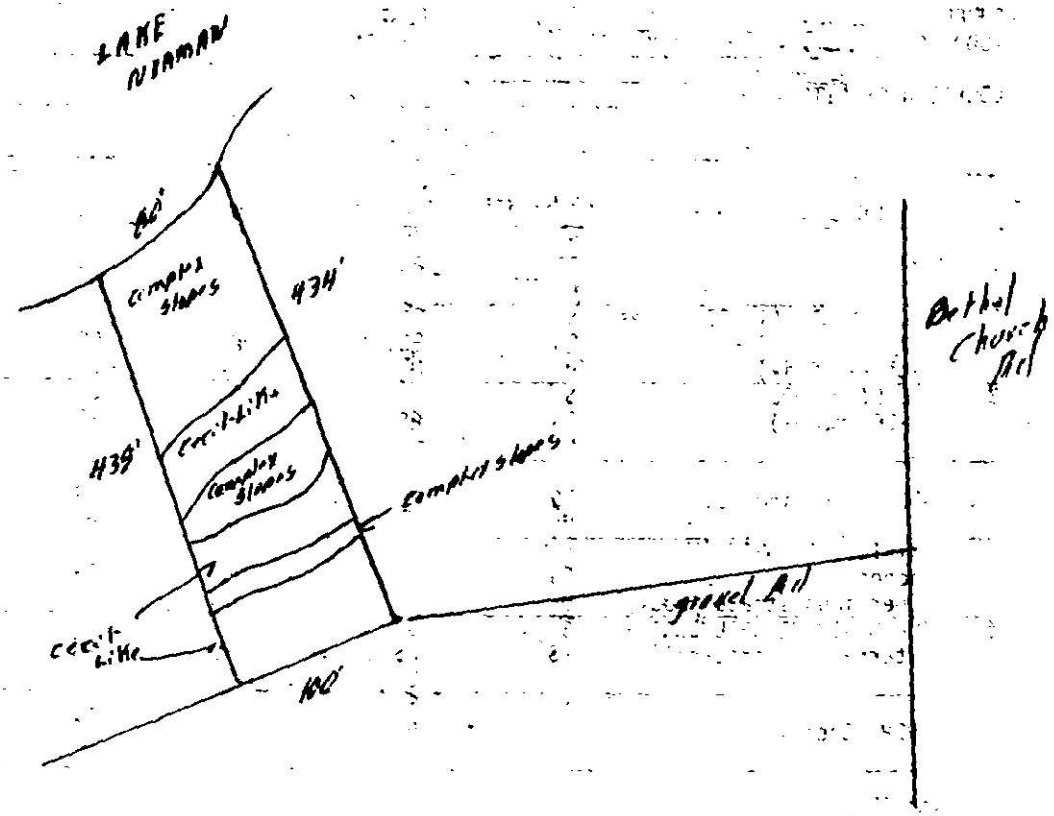
Recommendations/Comments: system May require lift station
Recommend plans for house & system location be submitted

Described by: William R. Martin
Title: Soil Scientist

Date: 12-14-83

EHD 539 (Revised: 6/82)

12


LAKE NIAMAN
80'
complex slopes
434'
cecil-like
439'
complex slopes
complex slopes
cecil-like
100'
gravel Rd
Bethel Church Rd

APPLICATION FOR AN IMPROVEMENT PERMIT

MECKLENBURG COUNTY · ENVIRONMENTAL HEALTH

1200 BLYTHE BOULEVARD
CHARLOTTE, NC 28203
PHONE (704) 376-4603

Mecklenburg County services are available without regard to ethnic origin, sex, or disability.

(OFFICE USE ONLY)
FILE: 20282
TC: _____
SERIAL: Nº 13067

☒ CL ☐ CRT

JOB LOCATION

① ADDRESS: 10422 (STREET NO) BETHELWOOD LANE (STREET) ② FILE: _____

③ JURISDICTION: _____ ④ TAX PARCEL NO.: 111-121-52

⑤ SUBDIVISION: BETHELWOOD ⑥ LOT: 11 ⑦ BLOCK: 1

OWNER

⑧ NAME: HANS (FIRST) — (MIDDLE) PLUER (LAST)

⑨ MAILING ADDRESS: P.O. BOX 805

⑩ CITY: CORNELIUS ⑪ STATE: N.C. ⑫ ZIP: 28031

⑬ PHONE: (WORK) 892-6556 ⑭ (HOME) 892-0411

REQUEST

This request is for a(n):

⑮ ☒ New permit ⑰ ☐ Authorization for mobile home exchange

⑯ ☐ Repair or alteration permit ⑱ ☐ Other (specify) _____

DESIGN CRITERIA

System will serve:

⑲ ☒ Residence ⑳ ☐ Mobile home ㉑ ☐ Business or place of public assembly

㉒ Number of bedrooms? 4 (FOUR) ㉕ Type? _____

㉓ Maximum occupancy? 4 (FOUR) ㉖ Maximum number of employees? _____

㉔ Basement? ☒ yes ☐ no ㉗ Maximum number of seats? _____

WATER SUPPLY

㉘ Water supply from (present or proposed):

A ☒ Individual well

B ☐ Municipal system

C ☐ Community well

D ☐ Community system

㉙ The undersigned, owner of the property described above as the "JOB LOCATION" has read the foregoing application, acknowledges that the contents of same are true, and authorizes agents of the MECKLENBURG COUNTY DEPARTMENT OF ENVIRONMENTAL HEALTH to enter onto the property for the purpose of processing this request.

Signed: Hans Pluer

Date: APRIL 29, 1987

IMPROVEMENT PERMIT

The undersigned, an authorized agent of the MECKLENBURG COUNTY DEPARTMENT OF ENVIRONMENTAL HEALTH, certifies that the Department has approved the Request for the Job Location contained in this document. This approval is granted in accordance with the provisions of Laws And Rules For Sanitary Sewage Collection, Treatment And Disposal in effect at the time of issuance of the permit and is subject to the following provisions . . . No work shall be conducted on the septic tank system until an Installation, Construction, Alteration and/or Repair permit is issued by this Department.

. . . This permit is not transferable, and shall become null and void 36 months from the date of issuance. Lift station will be required.

B.R. Ferguson — Environmentalist — 5-14-87 — Date

Director or Authorized Section Head — 5-14-87 — Date

*This permit must be signed by the Director of Environmental Health or an authorized section head in order to be valid.

MECK COUNTY DEPARTMENT OF
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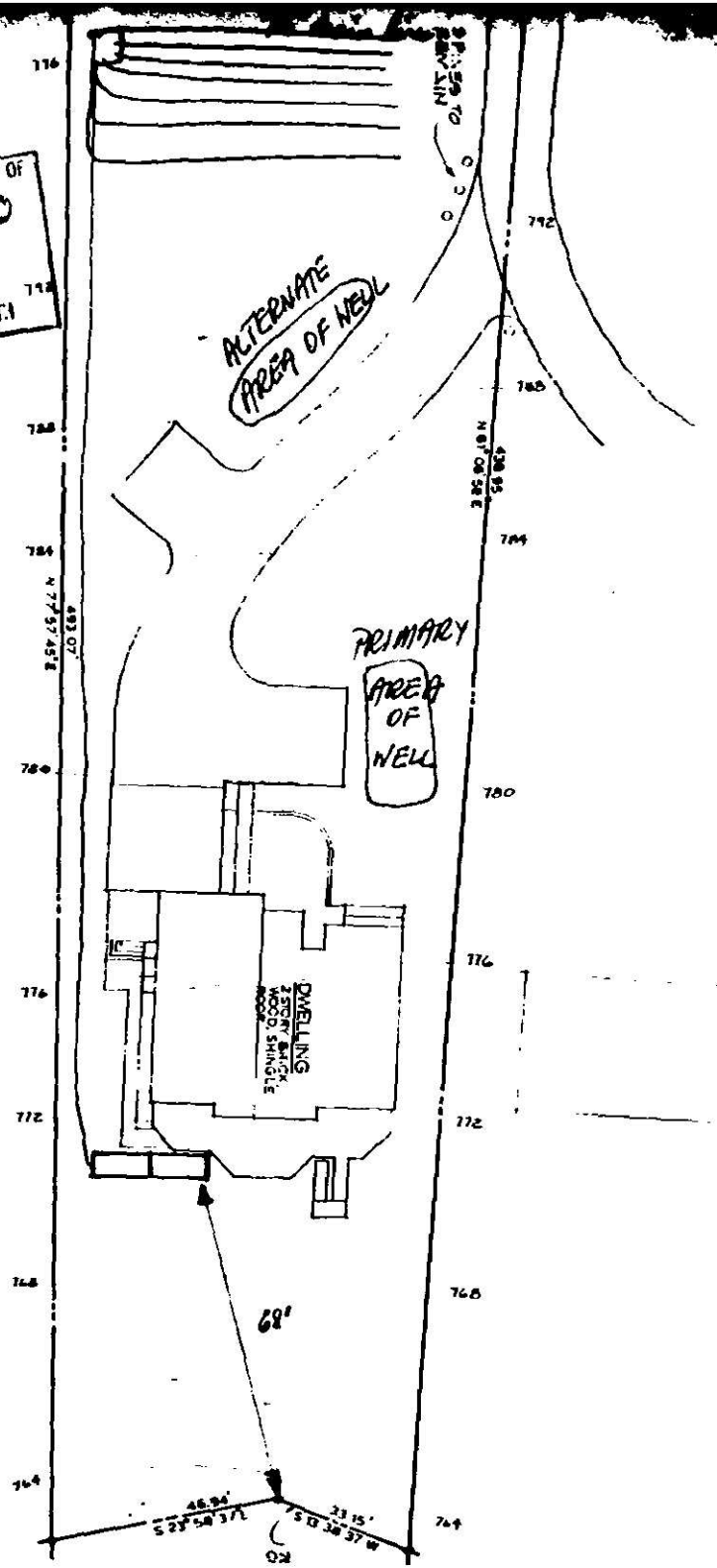
ENVIRONMENTAL HEALTH



INSTALLATION, CONSTRUCTION, ALTERATION, AND/OR REPAIR PERMIT

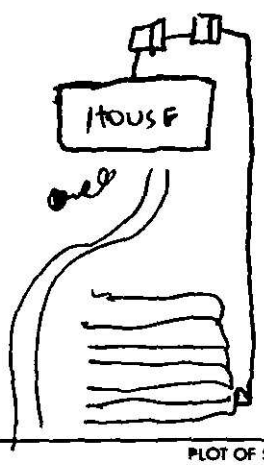
1200 BLYTHE BOULEVARD
CHARLOTTE, NC 28203
PHONE (704) 376-4603

FILE: 20282 DATE: 9-8-97

TC: 001-121-52 PL

SERIAL № 11042

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 the application dated 5-29-97. All work shall be completed on or before 10-9-97, after which date this permit shall be null and void. The system shall meet all of the construction requirements of 10 NCAC 10A .1900 which are in effect on the date of the granting of this permit. A Certificate of Completion or an Operation Permit must be obtained from the Mecklenburg County Department of Environmental Health before any system can be covered up or placed into service. 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.



PLOT OF SYSTEM

Liquid Capacity of Septic Tank 1500 gallons

Liquid Capacity of Dosing Tank 1000 gallons

Tank Construction PCC

Absorption and/or Nitrification Lines:

Trench Width 3 feet

Total Line Length 539 feet

Number of Lines 7 x 77

Depth of Stone 12 inches

Distance from House 15 feet

Distance from Property Line 10 feet

Distance from Well 50 feet

NAME OF OWNER PLUER HANS

LOCATION OF PROPERTY 20422 BETHELWOOD LN

Comments: 7 lines @ 77 long x 3' wide x 12" stone

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.

WHITE - ENVIRONMENTAL HEALTH DEPARTMENT'S COPY ● CANARY - ENVIRONMENTALIST'S COPY ● PINK - OWNER OR AGENTS COPY

CERTIFICATE OF COMPLETION/OPERATION PERMIT

MECKLENBURG COUNTY ENVIRONMENTAL HEALTH
1200 BLYTHE BOULEVARD
CHARLOTTE, NC 28203
PHONE (704) 376-4603

FILE: 20292 DATE: 11-4-87
TC: 001 121 52 ☐ L ☑ CRT
SERIAL № 10681

Name of Owner PLUER HANS Juris.:

Address of Property 20422 BETHELWOOD LN

Inspection Data:

Tank Material PCC

Total Length of Drainfield 536

Number of Lines 8 @ 67

Cover Depth 1

Water Supply Source well

Distance to Water Source 50'+

Excavation Inspected 11-4-87

Tank(s) Inspected 11-3-87

Wash Line Inspected

High Water Alarm Inspected 11-4-87

PLOT

Design: 19971500 ST KOOD DT PI CON 1200SFT 126 CTR# 74

The undersigned has inspected the Septic Tank System described above, and certifies it has been

☑ installed or constructed ☐ altered or repaired
☑ in accordance with the permit issued ☐ as detailed in the plot above

and meets the provisions of 10 NCAC 10A .1900, "Laws And Rules For Sanitary Sewage Collection, Treatment, And Disposal" in effect on the date of issuance of the permit. The issuance of this

☐ Certificate of Completion ☑ Operation Permit

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 document is issued subject to those restrictions and conditions shown on the permit(s) and the provisions of 10 NCAC 10A .1900 in addition to those listed below under "COMMENTS." This document 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:

Environmentalist

Mecklenburg County services are available without regard to ethnic origin, sex, or disability.