Date Received 6-20-84

SIR No. 21166

T. C. No 031-166-05,06

Map Date

MECKLENBURG COUNTY
DEPARTMENT OF ENVIRONMENTAL HEALTH

APPLICATION FOR SOIL INVESTIGATION

1) NAME OF OWNER OLIVER (LAST) Delton (FIRST) W (MIDDLE)

2) ADDRESS OF OWNER Rt 5 Box 247-3 LAKE DRIVE CHARLOTTE ZIP 28226

3) PHONE NO. Home 394-5540 Office

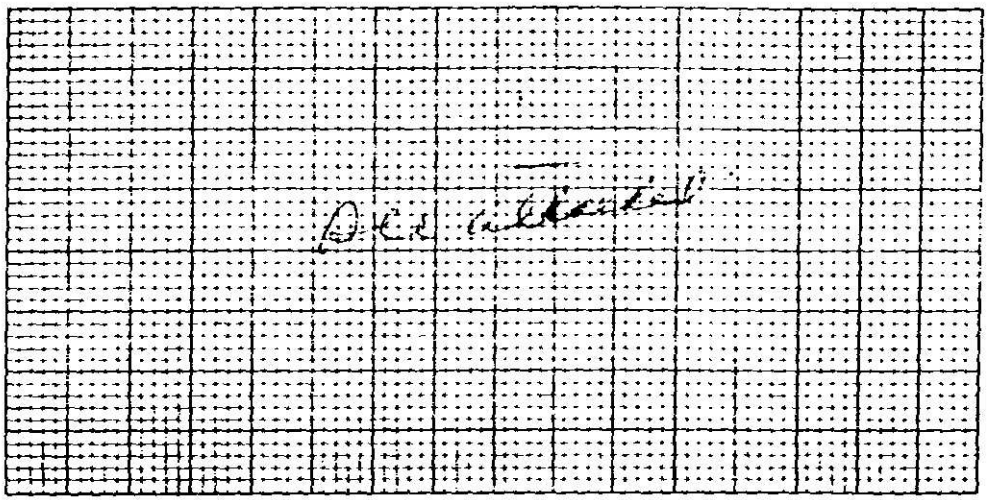
4) LOCATION OF PROPERTY LAKE DRIVE (STREET OR COUNTY ROAD) CHARLOTTE NC

5) SUBDIVISION LOT NO 3+4 BLOCK NO.

MAP BOOK NO 8 PAGE NO. 77

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 on 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

Delton N Oliver
OWNER

Rayford M. Haywood
HOME 866-0461
OFFICE 372-3751

EHO-S-76

Environmental Health Department's Copy

DEPARTMENT OF ENVIRONMENTAL HEALTH
MECKLENBURG COUNTY, NORTH CAROLINA

SITE EVALUATION

S.I.R. NO. 21166

T.C. NO. 031-166-05,06

(Ground Absorption Sewage Disposal)

OWNER: DELTON OLIVER
ADDRESS: Rt 6 Box 747-25
Charlotte 28208
LOCATION OF SITE: LAKE DRIVE

PLAT NO:
LOT SIZE: 21,000

Lot 3 + 4

FACTORS	AREA 1	AREA 2	AREA 3	AREA 4
1. SLOPE (%)	S (PS) 2-4 U	S (PS) 2-4 U	S PS U	S PS U
2. SOIL TEXTURE (12-36 inches) Sandy, Loamy, Clayey (Note 2-1 Clay)	(S) (PS) Sand 1 U	S PS U	S PS U	S PS U
3. SOIL STRUCTURE (12-36 inches)	(S) PS U Blocky Grains	S PS U	S PS U	S PS U
4. SOIL DEPTH (inches)	(S) 48+ PS U	S PS U	S PS U	S PS U
5. RESTRICTIVE HORIZONS (Inches) (Impervious strata, Rock)	S (PS) None U	S PS U	S PS U	S PS U
6. SOIL DRAINAGE/GROUNDWATER (external and internal)	S (PS) Adequate U	S PS U	S PS U	S PS U
7. OTHER (Specify) Restrictive Area	S PS (U)	S PS U	S PS U	S PS U
8. SOIL GROUP	IIa			
9. SITE CLASSIFICATION	LPR suitable	unsuitable		
10. SOIL SERIES	Deep sandy loam (series unknown)	Fill with saprolite Heavy clay		

S - Suitable PS - Provisionally Suitable U - Unsuitable

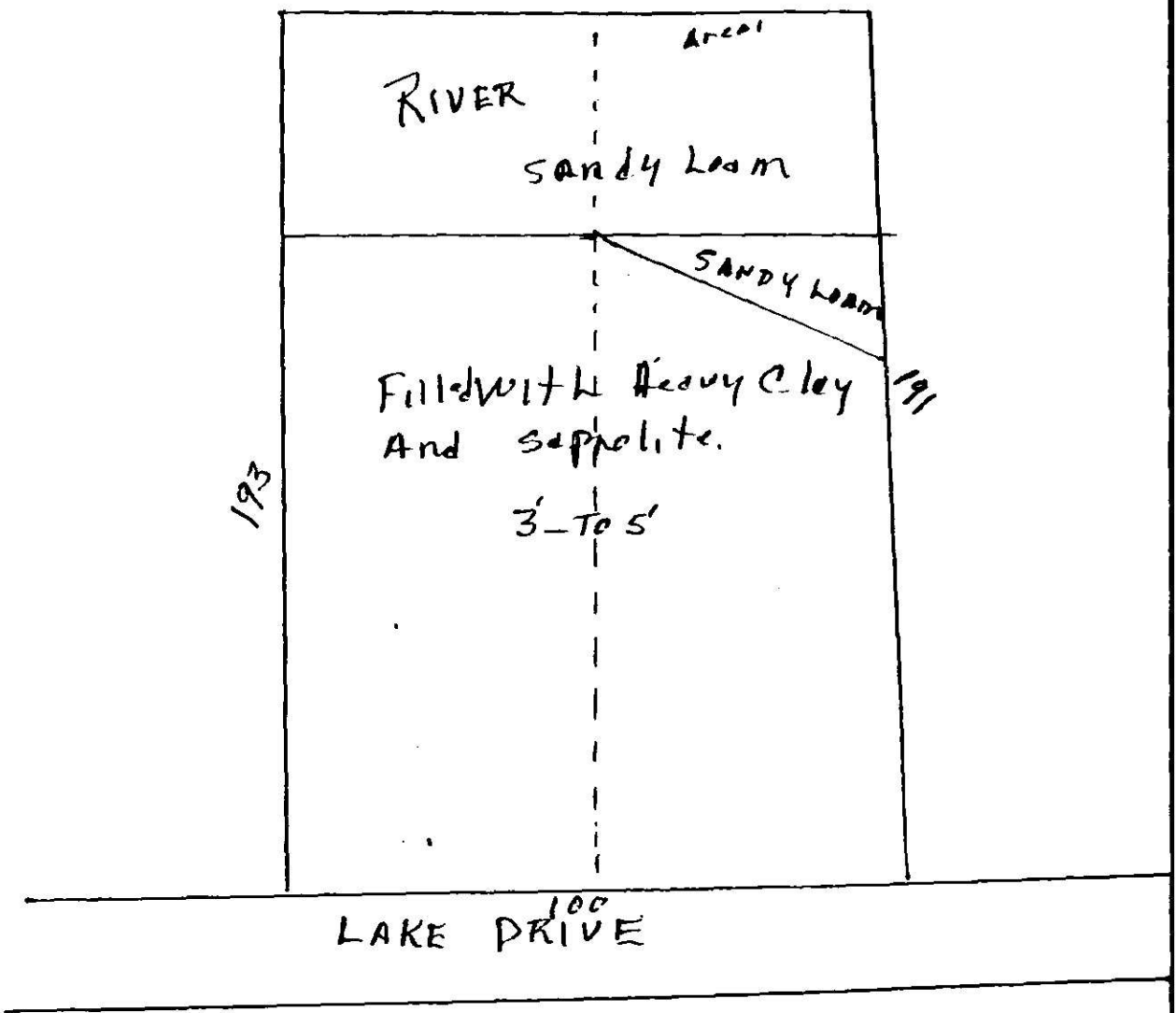
**See Diagram on Back (includes: soil areas, property lines, roads, streams, gullies, wet areas, fill areas, wells, water bodies, slopes)

Recommendations/Comments:

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

Date: 7-19-84

2H


RIVER
sandy Loam
SANDY LOAM
Filled with Heavy Clay
And sapolite.
3'-To 5'
193
191
100
LAKE DRIVE

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

SIR. NO. 21166
T.C. NO. 031-166-05,06
DATE: 7-20-84

Delton W. Oliver
Route 6, Box 747 2-S
Charlotte, NC 28208

RE: Property located at Lake Drive, Lots 3 & 4

Dear Mr. Oliver:

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

Sites classified as unsuitable may be utilized for soil absorption disposal systems provided engineering, hydrogeologic, soil and environmental studies indicate that a suitable septic tank system or a suitable alternate system can be reasonably expected to function satisfactorily.

Should you desire to file for permission to install an alternate system, plans and specifications prepared by a person with a demonstrated knowledge of ground absorption sewage treatment disposal systems, soil and rock characteristics, groundwater hydrology and drainage systems should be submitted to this office. They will be reviewed and if it is found that the system may be reasonably expected to function satisfactorily, approval will be given upon the execution by you of "Septic Tank Agreemnt Form" provided by this office.

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

Sincerely,

Bill D. Hardister, Jr.
Environmental Health Supervisor

BDH/kbg

Enclosure

DEPARTMENT OF ENVIRONMENTAL HEALTH
MECKLENBURG COUNTY,
NORTH CAROLINA

SITE EVALUATION

S.I.R. NO. 21166

T.C. NO. 031-166-05,06

(Ground Absorption Sewage Disposal)

OWNER: DELTON OLIVER
ADDRESS: R-6 Box 747-Z5 Charlotte 28208
PLAT NO:
LOT SIZE: 21,000
LOCATION OF SITE: Lot 344 Lake Drive

FACTORS	AREA 1	AREA 2	AREA 3	AREA 4
1. SLOPE (%)	(S) PS U — 2-4	S PS U	(PS) U — 2-4	S PS U
2. SOIL TEXTURE (12-36 inches) Sandy, Loamy, Clayey (Note 2-1 Clay)	(S) PS U — Sandy Loam	S PS U	S PS U — Filled With Suitable	S PS U
3. SOIL STRUCTURE (12-36 inches)	(S) PS U — Blocky to Single Grain	S PS U	S PS U — Material Over	S PS U
4. SOIL DEPTH (inches)	(S) PS U — over 60"	S PS U	S PS U — Sandy Loam	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) PS U — Adequate	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	II		IV L	
9. SITE CLASSIFICATION	Suitable		Unsuitable	
10. SOIL SERIES	SANDY LOAM ALLUVIUM Terrace (Series Unknown)		Fill Area over Sandy Material	

S - Suitable PS - Provisionally Suitable U - Unsuitable

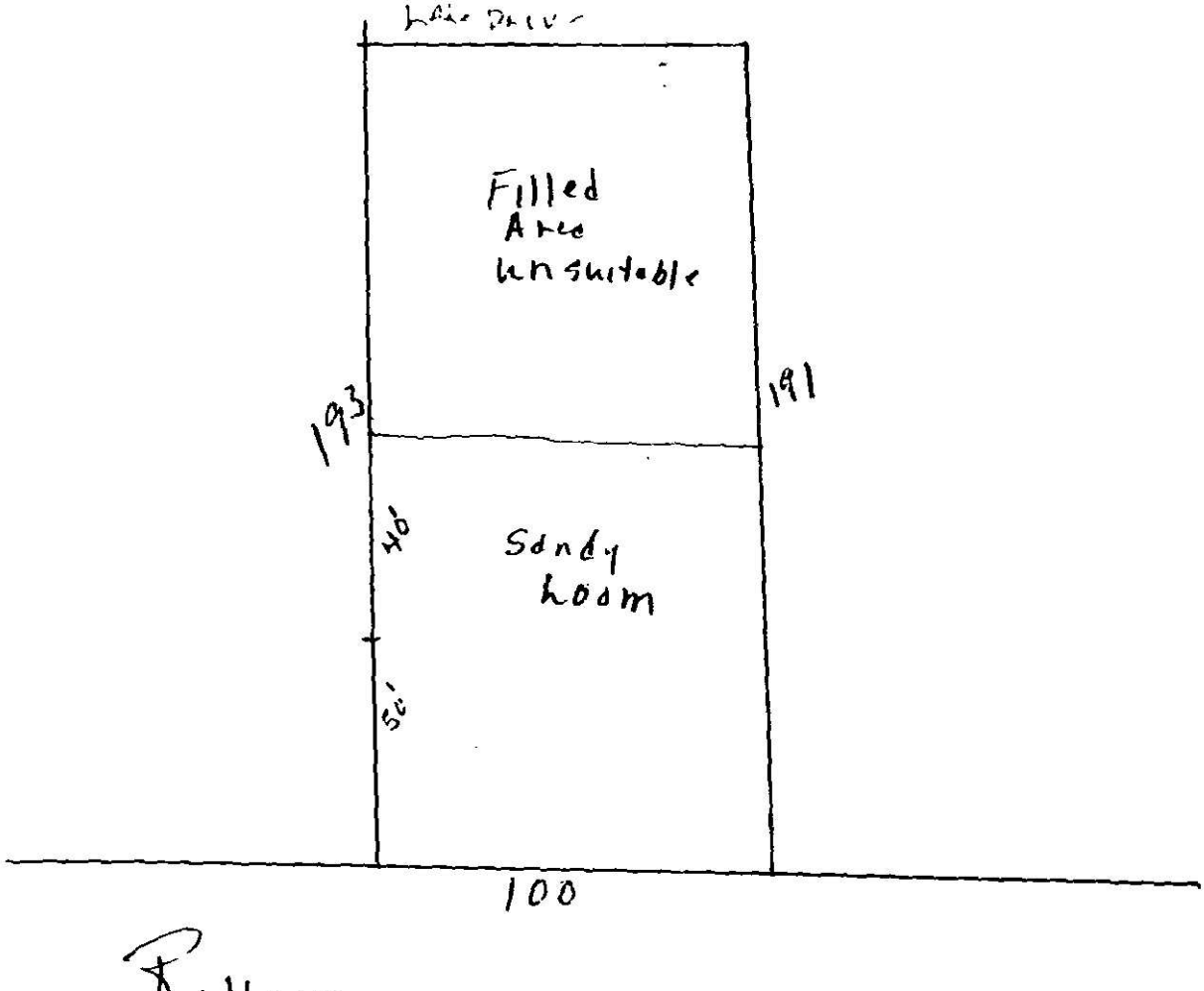
**See Diagram on Back (includes: soil areas, property lines, roads, streams, gullies, wet areas, fill areas, wells, water bodies, slopes)

Recommendations/Comments:

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

Date: 8-7-74

H


Lake Drive
Filled
Area
Unsuitable
193
191
40'
Sandy
loam
50'
100
River

Serial No. 5866

SIR No. 21166

T. C. No. 031-166-05,06

Date Issued 9-13-84

Map Date L

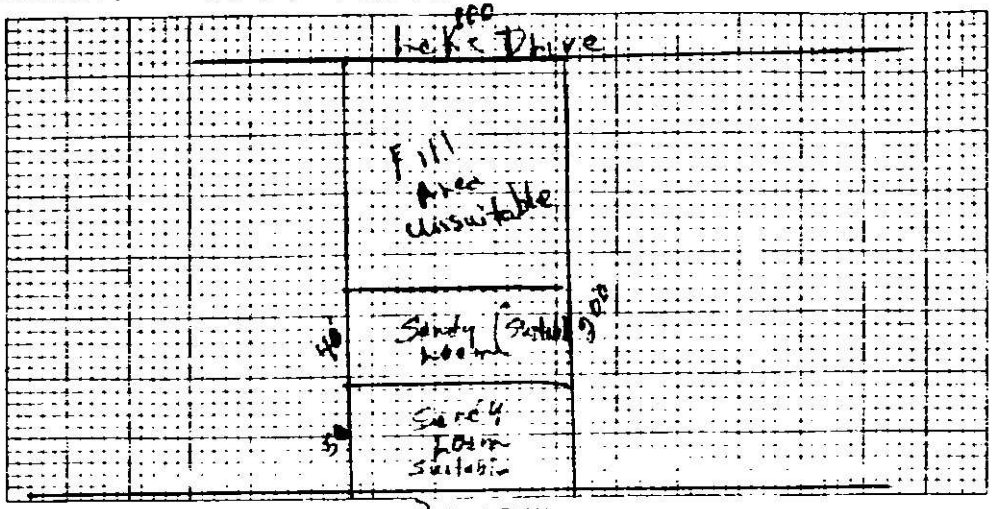
MECKLENBURG COUNTY
DEPARTMENT OF ENVIRONMENTAL HEALTH
SOIL INVESTIGATION REPORT

NAME OF OWNER Oliver, (LAST) Delton (FIRST) W. (MIDDLE)

ADDRESS OF OWNER Rt. 6, Box 747 2-S, Charlotte, NC ZIP 28208

LOCATION OF PROPERTY Lake Drive, Lots 3 & 4 (STREET OR COUNTY ROAD)

SUBDIVISION LOT NO 3 & 4 BLOCK NO



PLAN

This is to certify that a soil investigation [illegible] the Mecklenburg County Department of Environmental [illegible] investigation was conducted on that portion of the lot as indicated in the above plot. SUITABLE

The permeability rate determined by the investigation was [illegible] 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 [illegible] the Mecklenburg County Department of Environmental Health [illegible] the wastewater treatment system on the said lot.
2. The size of the septic tank wastewater treatment [illegible] be determined by the Mecklenburg County Department of Environmental Health [illegible] and on the size and type of building [illegible]
3. This approval [illegible] system installation on the above plot.
4. This approval [illegible] in the [illegible] Mecklenburg County Department of Environmental Health [illegible] acceptable for system installation [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 valid 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 [illegible] regulations been in effect on the issue date.

William Ramsey
Soil Scientist

Bill D. Harbster Jr.
Environmental Health Director or Authorized Section Head

EHD-5-76

APPLICATION FOR AN IMPROVEMENT PERMIT

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

MECK COUNTY DEPARTMENT OF ENVIRONMENTAL HEALTH
JAN

(OFFICE USE ONLY)
FILE: 21166
TC: 031-166-05.06

JOB LOCATION

① ADDRESS: 2027 (STREET NO) LALE (STREET) DRIVE, ~~LOTS 3+4~~ ② FILE: 21166
③ CITY: CHARLOTTE, NC 28208 ④ TAX PARCEL NO.: 031-166-05, 06
⑤ SUBDIVISION: — ⑥ LOT: 3 & 4 ⑦ BLOCK: —

OWNER

⑧ NAME: DAVID (FIRST) SCOTT (MIDDLE) & JEANETTE GILBERT HUMPHRIES (LAST)
⑨ MAILING ADDRESS: 2119 FERNCLIFF RD
⑩ CITY: CHARLOTTE ⑪ STATE: NC ⑫ ZIP: 28211
⑬ PHONE: (WORK) 372-8750 EXT 125 ⑭ HOME) 366-5236

REQUEST

This request is for a(n):

⑮ ☑ New installation permit
⑯ ☐ Repair or alteration permit
⑰ ☐ Authorization for mobile home exchange
⑱ ☐ Other (specify) _____

DESIGN CRITERIA

System will serve:

⑲ ☑ Residence ⑳ ☐ Mobile home
㉑ ☐ Business or place of public assembly
㉒ Number of bedrooms? 3
㉓ Maximum occupancy? 6
㉔ Basement? ☐ yes ☑ no
㉕ Type? _____
㉖ Maximum number of employees? _____
㉗ Maximum number of seats? _____

PECK COUNTY DEPARTMENT OF ENVIRONMENTAL HEALTH
JAN

WATER SUPPLY

㉙ Water supply from (present or proposed):

A ☐ Individual well
B ☐ Municipal system
C ☑ Community well
D ☐ Community system

㉚ 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: _____

Date: _____

㉘ Accurately dimensioned plot

WHITE - ENVIRONMENTAL HEALTH DEPARTMENT'S COPY • CANARY - ENVIRONMENTALIST'S COPY • PINK - OWNER'S COPY

Serial No. 9227

Date Issued 1/10/86

SIR No. 21166

T. C. No. 031-166-05,06

Map Date C CR7

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 Humphries, David Scott
(LAST, FIRST, MIDDLE)

ADDRESS OF OWNER 2119 Ferncliff Road ZIP 28211

LOCATION OF LOT 2027 Lake Drive
(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 21166. 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.

Environmentalist

Environmental Health Director, or Authorized Section Head

EHD-S-76

Environmental Health Department's Copy

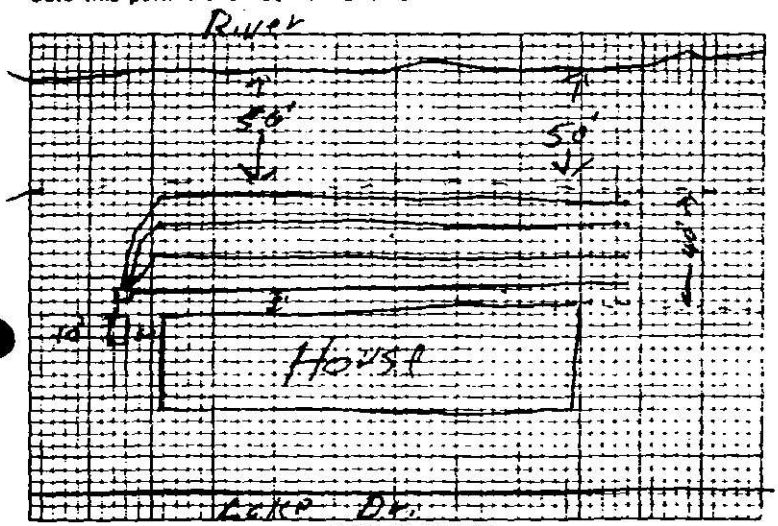
Date Issued 1-28-86 **Serial No.** 08928 ICAR(S) Permit No. 21166

T C No. 031-166-05,06

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 21166, 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 2-28-86, after which date this permit shall be null and void.



PLOT OF SYSTEM

Permeability Rate IV G

Liquid Capacity of Tank 1500

Tank Construction PCC

Absorption and or Nitrification Lines

Total Line Length 300'

Number of Lines Four

Distance from House 5'

Distance from Property Line 10'

Distance from Well Cornwell

NAME OF OWNER Humphreys, David & Jeanette

LOCATION OF PROPERTY 2027 Lake Dr.

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.

Four Trenches 100'X 3' X12" Stone

Comments:

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-S-76

Environmental Health Department's Copy

C of A (s) No [illegible]

Date Issued 2/13/86 **Serial** 8296 T C No [illegible]

U CK7

MECKLENBURG COUNTY
DEPARTMENT OF ENVIRONMENTAL HEALTH

CERTIFICATE OF APPROVAL

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

Name of Owner _____ (LAST) _____ (FIRST) _____ (MIDDLE)

Location of Property _____

Application Number _____ Permit Number _____

Inspection Data:

Liquid Capacity of Tank _____ Tank Material _____

Total Length of Drain Tile _____ Number of Lines _____

Depth of Filter Material _____ Cover Depth _____

Water Supply Source _____ Distance from Water Source _____

Excavation Inspected _____ (DATE) Tank Inspected _____ (DATE)

Nitrification Field Inspected _____ (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 _____

_____

_____

_____

_____

_____
Environmentalist

EHD-S-76

Environmental Health Department's Copy