Date Received 7-12-83

MECK COUNTY DEPARTMENT OF
RECEIVED
JUL 12 1983
ENVIRONMENTAL HEALTH

SIR No. 19854

T. C. No. 105-162-29

Map Date

MECKLENBURG COUNTY
DEPARTMENT OF ENVIRONMENTAL HEALTH

APPLICATION FOR SOIL INVESTIGATION

1) NAME OF OWNER Tyler (LAST) Gregory (FIRST) Mark (MIDDLE)

2) ADDRESS OF OWNER Pt. 10 Dry 463 D Cha. ZIP 28213

3) PHONE NO. Home 565-4754 Office

4) LOCATION OF PROPERTY 1.88 ac Caldwell Rd (STREET OR COUNTY ROAD)

5) SUBDIVISION LOT NO 29 BLOCK NO.

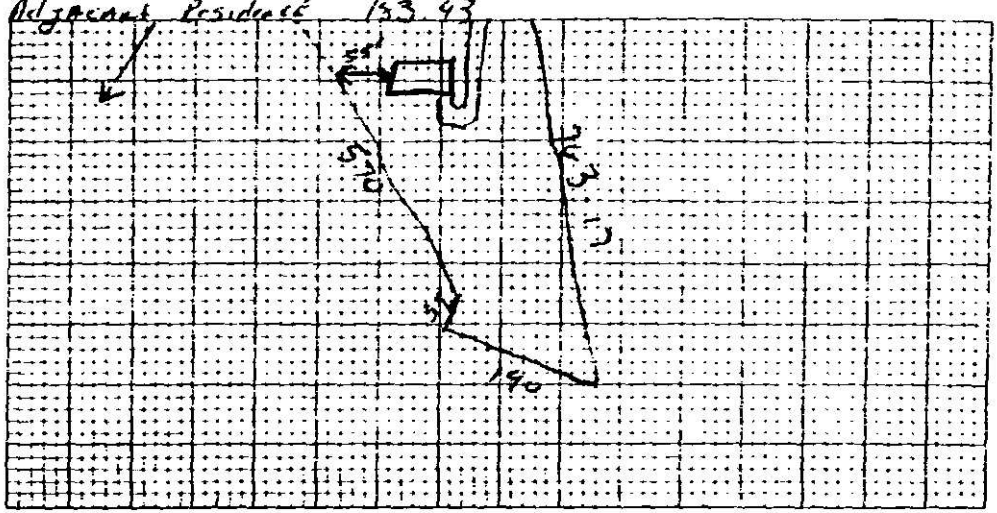
MAP BOOK NO PAGE NO

6) DEED REFERENCE DEED BOOK PAGE NO.

Parcell # 10516229

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

Set Back to match Adjacent Residence 133.43



7) ACCURATELY DIAGRAM & DIMENSION LOT

Mark Gregory Tyler
OWNER

EHD-S-76

Environmental Health Department's Copy

DEPARTMENT OF ENVIRONMENTAL HEALTH
MECKLENBURG COUNTY, NORTH CAROLINA

SITE EVALUATION

S.I.R. NO. 12854

T.C. NO. 105-162-29

(Ground Absorption Sewage Disposal)

OWNER: Gregory M. Tyler
ADDRESS: P.O. Box 463-D Cradolph, N.C. 28213
PLAT NO:
LOT SIZE: Approx 45,000
LOCATION OF SITE: Caldwell Rd

FACTORS	AREA 1	AREA 2	AREA 3	AREA 4
1. SLOPE (%)	(S) PS U 2 to 6%	(S) PS U 2-8%	S PS — U	S PS U
2. SOIL TEXTURE (12-36 inches) Sandy, Loamy, Clayey (Note 2-1 Clay)	S PS (U) 2-1 clay	S PS (U) 2-1 Clay	S PS — U	S PS U
3. SOIL STRUCTURE (12-36 inches)	S (PS) Weak Blocky U	S (PS) Blocky U	S PS — U	S PS U
4. SOIL DEPTH (inches)	S PS (U) 30-36"	S (PS) 30-38" U	S PS — U	S PS U
5. RESTRICTIVE HORIZONS (Inches) (Impervious strata, Rock)	S PS (U) Saprolite ∠ 36"	S (PS) 36"-38" U	S PS — U	S PS U
6. SOIL DRAINAGE/GROUNDWATER (external and internal)	S Perched water PS (U) Total = 36"	S perched water PS (U) Total = 18-24"	S Depression PS U	S PS U
7. OTHER (Specify)	S PS U	S PS U	S PS U	S PS U
8. SOIL GROUP	IIB	IIB	IIB	
9. SITE CLASSIFICATION	unsuitable	unsuitable	unsuitable	
10. SOIL SERIES	Iredell L. Mc	Helena L. Mc	Depression	

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)

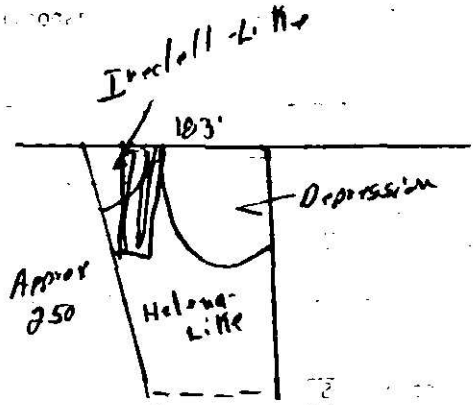
Recommendations/Comments:

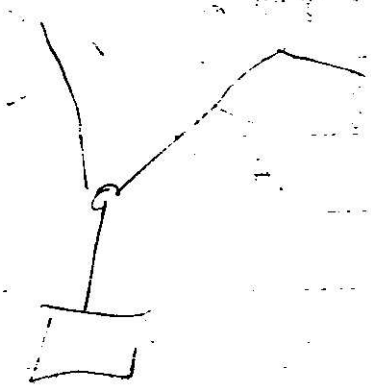
Described by: William A. Martin
Title: Soil Scientist

Date: July 19, 1983

EHD 539 (Revised: 6/82)

2H


Inwell Line
103'
Depression
Approx
250
Helena
Line



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

SIR. NO. 19854
T.C. NO. 105-162-29
DATE: 7-18-83

Mr. Gregory M. Tyler
Route 10, Box 463-P
Charlotte, NC 28213

RE: Property located at Caldwell Road

Dear Mr. Tyler:

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.

Bill D. Hardister, Jr.
Environmental Health Supervisor

BDH/kbg

Enclosure

SEE INSTRUCTIONS ON BACK

Date Received 29 July 1983

ICAR(S) Application No. 19454

T. C. No. 105-162-29

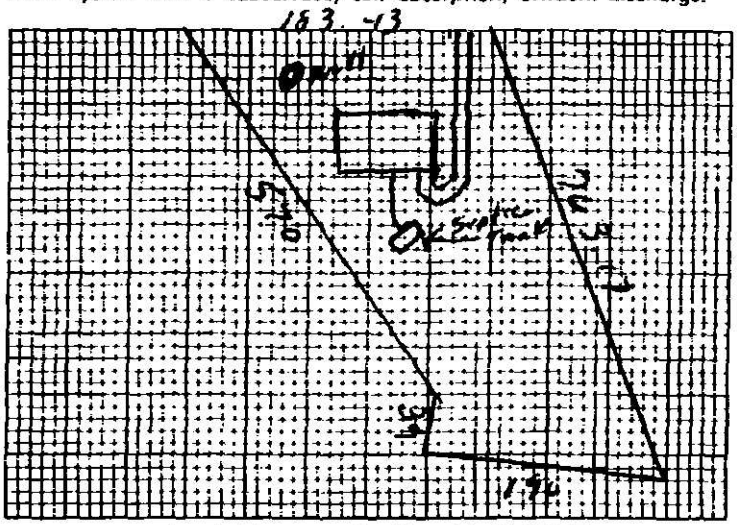
Map Date _____

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.


183-43
Drive
50'
1.5%
1.5%
1.5%

STATE OF NORTH CAROLINA
COUNTY OF MECKLENBURG

COPY

SEPTIC TANK AGREEMENT 19854

The undersigned, Gregory M. Tyler, owner of property located at 12520 Caldwell Rd, ("the site") and described in instrument recorded in Book 4641 at Page 478, Mecklenburg Public Registry, hereby acknowledges that he applied to the Department of Environmental Health for a permit to install a septic tank sewage disposal system on the site; the Department evaluated the site for suitability for such a system in accord with the regulations promulgated by the North Carolina Commission for Health Services as 10 NCAC 10A .1900 et seq; that the Department classified the site as unsuitable and an appropriate permit was issued by the Department.

The undersigned further acknowledges that the proper design, construction, and maintenance of such septic tank system is his responsibility and that neither the Department nor its officials, employees or agents warrant or guarantee that the said system installed pursuant to the permit issued by the Department will function in a satisfactory manner for any given period of time or that the Department, its officials, employees or agents assume any liability for damages, consequential or direct, which are caused, or which may be caused by a malfunction of such system.

This document shall be placed on the public records of the Register of Deeds of Mecklenburg County and indexed therein under the Grantor Index in the name or names of the undersigned, and the foregoing acknowledgements shall henceforth be binding on [illegible] claiming any right, title, or interest in the site.

And the undersigned further agrees for himself, his heirs and assigns that he shall indemnify and hold harmless the Department and its successors, as well as Mecklenburg County, for any damages or other claims of any person or persons whatsoever arising out of the installation operation, or failure of said septic tank system.

And the undersigned further agrees for his heirs and assigns that, in the event any septic tank system installed under authority of the aforesaid permit fails to perform adequately, in any respect, he will take whatever measures are required to correct same; or if such is impossible he will discontinue use of said system immediately.

Use of the singular masculine pronoun forms herein shall be deemed to also include the plural and feminine forms as the context may require.

This 26 day of Aug, 1983.

Gregory M. Tyler (Seal)
Gregory Mark Tyler (Seal)

STATE OF NORTH CAROLINA
COUNTY OF MECKLENBURG

I, ERNEST NEAL, a Notary Public for said County and State, do hereby certify that GREGORY MARK TYLER personally appeared before me this date and acknowledged the due execution of the foregoing instrument.

WITNESS my hand and notarial seal, this 26TH day of AUGUST, 1983

Ernest Neal
Notary Public
My Commission Expires July 27, 1986
My Commission Expires: _____

STATE OF NORTH CAROLINA
COUNTY OF MECKLENBURG

I, _____, a Notary Public for said County and State, do hereby certify that _____ personally came before me this day and acknowledged that he is _____ of _____, and that by authority duly given and as the act and deed of said corporation, the foregoing instrument was signed in its name by its _____, sealed with its corporate seal and attested by _____.

WITNESS my hand and notarial seal, this _____ day of _____, 19 ___.

Notary Public
My Commission Expires: _____

Date Issued 8-26-83

Serial No. 6720

SIR No. 19854

T. C. No. 105-162-29

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 Tyler, (LAST) Gregory (FIRST) M. (MIDDLE)

ADDRESS OF OWNER Rt. 10, Box 463-D, Charlotte, NC ZIP 28213

LOCATION OF LOT 12520 Caldwell 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 19854 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.

*** AGREEMENT FORM ON FILE ***

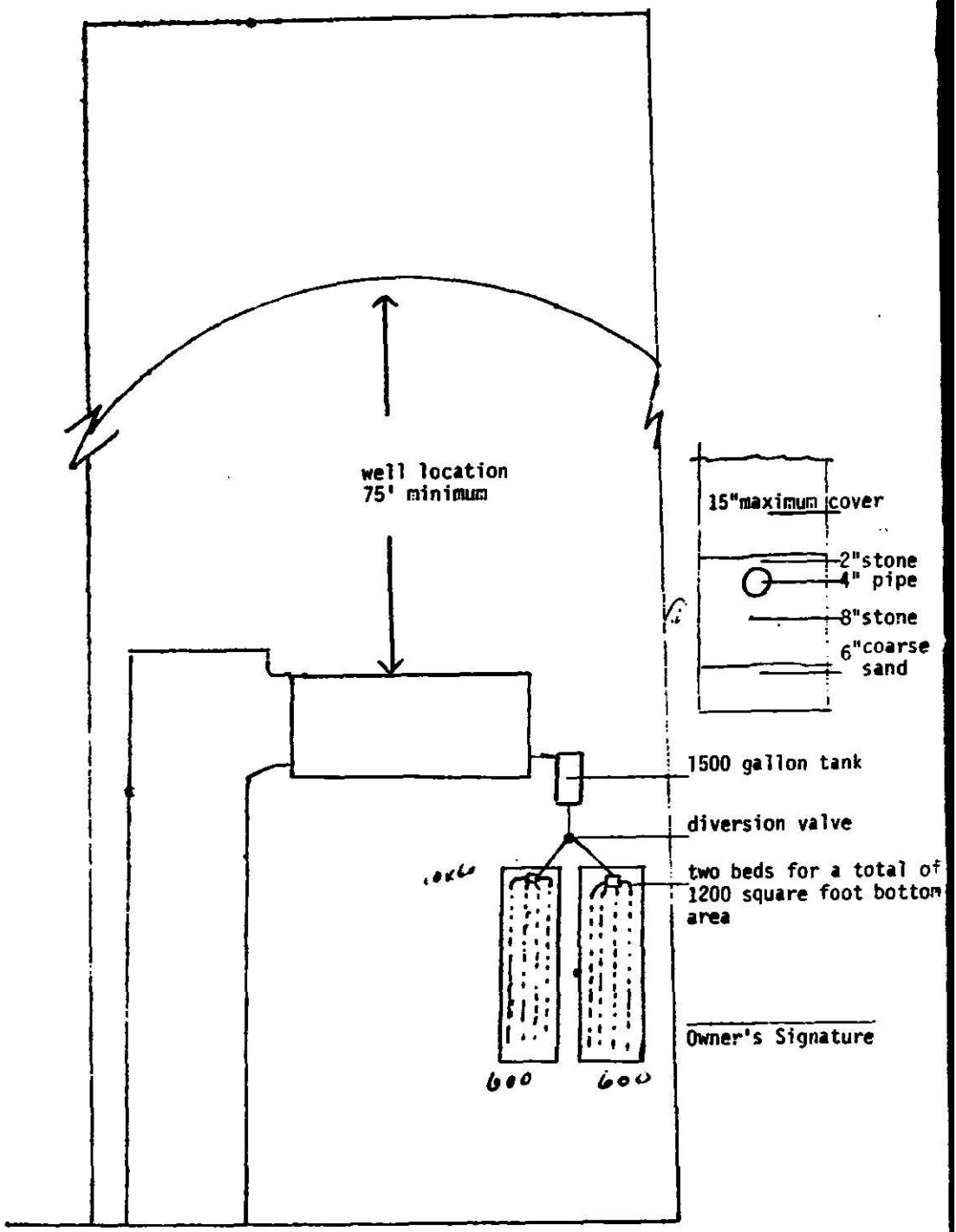
Environmentalist

Environmental Health Director, or Authorized Section Head

EHD-5-76

Environmental Health Department's Copy

SIR NUMBER_____


well location
75' minimum
15"maximum cover
2"stone
4" pipe
8"stone
6"coarse
sand
1500 gallon tank
diversion valve
two beds for a total of
1200 square foot bottom
area
Owner's Signature
600
600

Date Issued 12-8-83

Serial No. 6830

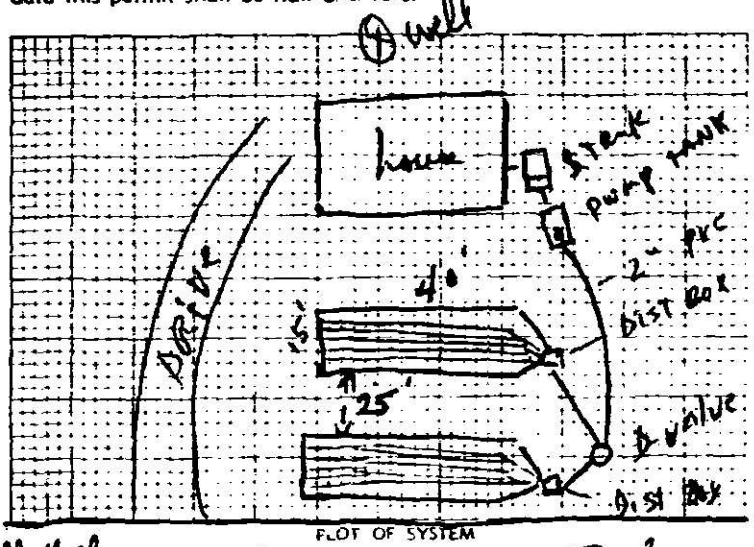
ICAR(S) Permit No. 19854

T. C. No 105-162-29

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 19854, dated 7-29-83 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 1-15-84, after which date this permit shall be null and void.



PLOT OF SYSTEM

Permeability Rate U.S.

Liquid Capacity of Tank 1500 gal + 1000 gal tight

Tank Construction PVC Concrete

Absorption and/or Nitrification Line

Total Line Length 600'

Number of Lines 5+5

Distance from House 5'+

Distance from Property Line 10'+

Distance from Well 50'+

Caldwell Rd.

NAME OF OWNER Gregory M. Tyler

LOCATION OF PROPERTY 1252 0 Caldwell 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: pump up to Ball Gate Valve to 2-Dist Boxes to 2-Beds 15'x40'x 12" stone + 6" sand. alt pump @ 9"-10"

B Hardesty
Division or Section Head

R S Helps
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

Date Received 9-13-84

RECEIVED
SEP 13 1984
ENVIRONMENTAL HEALTH

ICAR(S) Application No. 1985

T. C. No. 105-162-29

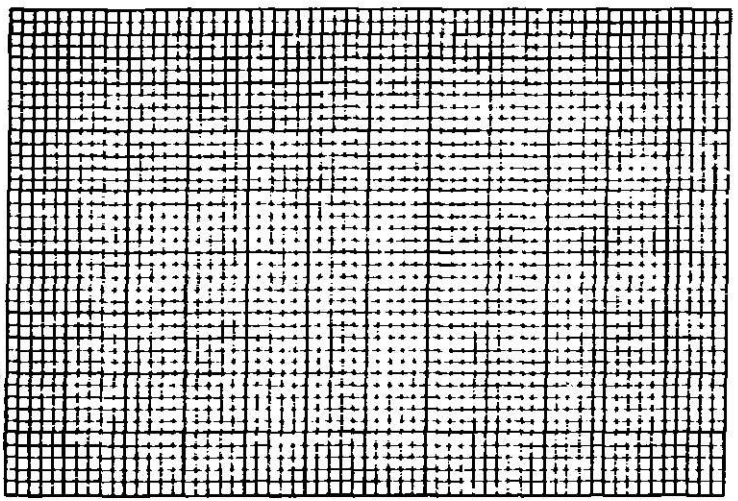
Map Date

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) V 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 V Yes ___No

4) No of Bedrooms 3
5) Business Use — Max No Employees ___
6) Washing Machine V Yes ___No
7) Garbage Disposal ___Yes ___No
8) Dishwasher V Yes ___No
9) Water Supply:
A) Individual Well V
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 SANDERS (LAST) E (FIRST) GORDON (MIDDLE)

14) ADDRESS OF OWNER 512 MUSEUM DR

15) PHONE NO. Home 372-5198 Office 372-5198

16) LOCATION OF SYSTEM 12520 CALDWELL RD. (STREET OR COUNTY ROAD)

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

Map Book No. ___ Page No. ___ Parcell # 105-162-29

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.

September 13, 1984
DATE OF APPLICATION

E Gordon Sanders
OWNER

EHD-S-76

Environmental Health Department's Copy

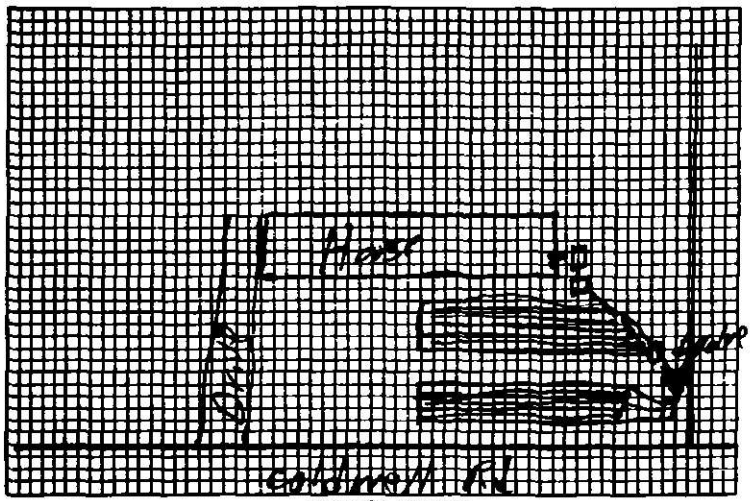
Date Issued 9-11-84 Serial No. 07539 ICAR(S) Permit No. 19854

T. C. No. 105-162-29

Map Date 1

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 19854, dated 9-13-84 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 10-14-84, after which date this permit shall be null and void.



PLOT OF SYSTEM

Permeability Rate IV b

Liquid Capacity of Tank 1500 gal 1000 l.ft

Tank Construction PCC

Absorption and/or Nitrification Lines:

Total Line Length 600'

Number of Lines 5+5

Distance from House 5'

Distance from Property Line 10'

Distance from Well 50'

NAME OF OWNER Sanders E. Gordon

LOCATION OF PROPERTY 12520 Caldwell 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: Two Beds 60' X 15' X 12" stone 6" Sand; Lift station with diversion valve Step down if required

B. Sanders
Division or Section Head

Jim Ericson
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. 19854

Date Issued 11-2-84 **Serial** 7078 T. C. No. 105-162-29

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 Sanders (LAST) Gordon (FIRST) E (MIDDLE)

Location of Property 12520 Caldwell Rd

Application Number 19854 Permit Number 19854

Inspection Data:

Liquid Capacity of Tank 1500 ST gal 1000 L.S. gal Tank Material PCC

Total Length of Drain Tile 600' Number of Lines 5 & 5

Depth of Filter Material 12" stone 6" Sand Cover Depth 12"

Water Supply Source well Distance from Water Source ~~100'~~ +50'

Excavation Inspected 11-2-84 (DATE) Tank Inspected 11-2-84 (DATE)

Nitrification Field Inspected 11-2-84 (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 ✓ 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 _____

Jim Ericson
Environmentalist

EHD-5-76

Environmental Health Department's Copy