T. C. No. _____

MECKLENBURG COUNTY HEALTH DEPARTMENT

ENVIRONMENTAL HEALTH DIVISION

WELL RECORD

Drilling Contractor McCall Bros Reg. No 30 Well Permit No. 12313

1. Town Cornelius County Mecklenburg
2. Location _____ Quadrangle No. C-67
   Show a sketch of location on back of form
3. Owner J. D. Graham Jefferson
   Address Rt 1 Box 117 Davidson
4. Topography: draw, slope, hilltop, valley, flat Gently Sloping
5. Use of Well Home Date Completed 7-14-77
6. Rig type or method Air Total Depth 130 ft
7. Casing: Depth From 0 to 40 ft. Diam. 6¼ in. Type Steel
8. Grout: Depth From 0 to 20 ft. Material Cement Method Poured
9. Screen: Depth From _____ to _____ ft. Diam. _____ in. Type and Opening _____
10. Water Zones (depth) 30 gpm at 45 ft
    20 gpm at 65 ft
11. Static Water Level: 10 ft. above / below top of casing
    which is _____ ft. above land surface. Elev _____
    Date _____
12. Yield (gpm) 50 Method of testing Blow
13. Pumping Water Level: _____ ft. after _____ hrs.
    at _____ gpm.
14. Water Quality _____ Temperature (°F) _____
15. Well sterilization method _____
16. Permanent Pump: _____ Type _____ Make _____
    Installed — Date _____ By _____
    Capacity _____ (gpm) Hp. _____
    Intake depth _____ Airline depth _____
17. Remarks: _____

I do hereby certify that this well record is true and exact.

William Stevens
SIGNATURE OF CONTRACTOR OR AGENT

DRILLING LOG

Depth From	Depth To	Formation
0	5	Top Soil
5	110	Granite
110	130	Type C Water

FORM NO. E-22-9-1-72

Date Received 5/3/77

APT No. 2313

T. C. No. 001-221-4C

Map Date 6-4-76

MECK COUNTY DEPARTMENT OF RECEIVED MAY 3 1977 ENVIRONMENTAL HEALTH

MECKLENBURG COUNTY
DEPARTMENT OF ENVIRONMENTAL HEALTH

APPLICATION FOR SOIL INVESTIGATION

1) NAME OF OWNER Graham (LAST) James (FIRST) Donald (MIDDLE)

2) ADDRESS OF OWNER Rt 1 Box 117 Davidson NC ZIP 28036

3) PHONE NO. Home 704-892-0179 Office 704-873-2581

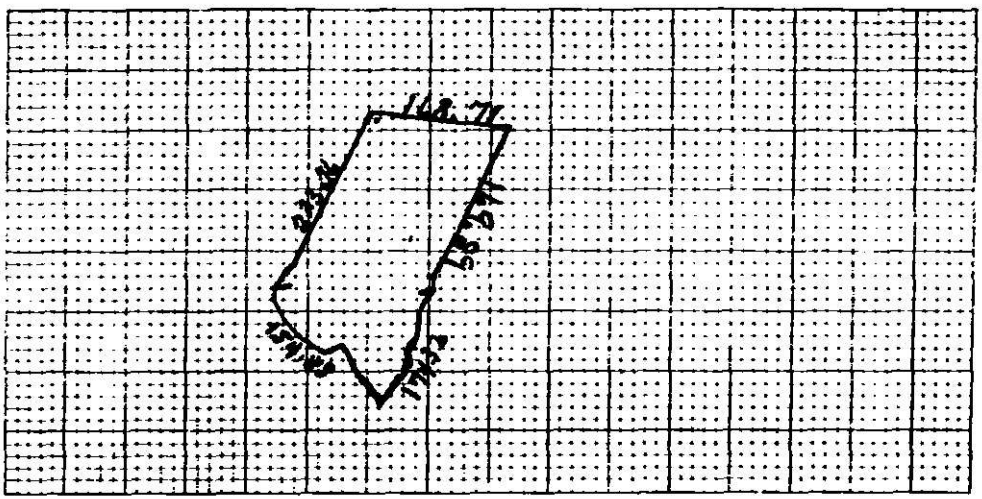
4) LOCATION OF PROPERTY Green Dolphin Ln., (STREET OR COUNTY ROAD) Lake Norman

5) SUBDIVISION _____ LOT NO. 109 BLOCK NO. _____

MAP BOOK NO Plot Book 17 PAGE NO. 542

6) DEED REFERENCE DEED BOOK 1A PAGE NO. XXX

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

James Donald Graham
OWNER

EHD-5-76

Environmental Health Department's Copy

SOIL INVESTIGATION REPORT

Date of Investigation May 6, 1977 AFT NO. 12313

Owner James C. Graham T.C.001-221-4C

Location of Property Green Dolphin Lane

Soil Suitability Ratings

Soil Properties	Soil 1	Soil 2	Soil 3	Soil 4
1. Soil Series	Cecil	Cecil gullied		
2. Soil Slope	Suitable 6-10%	unsuitable complex slopes		
3. Soil Depth	Suitable >48"	unsuitable depth variable <48"		
4. Soil Texture	Provisionally suitable clay	Provisionally suitable clay		
5. Soil Structure	Provisionally Suitable Blocky	Provisionally Suitable Blocky		
6. Restrictive Horizons	-	-		
7. Soil Drainage	Suitable water Table 70'	Suitable water Table 70'		
8. Soil Permeability (Percolation Rate)	Provisionally suitable Moderate 60 min/in	unsuitable >120 min/in slow		
9. Other				
10. Overall Rating	Provisionally suitable	unsuitable		

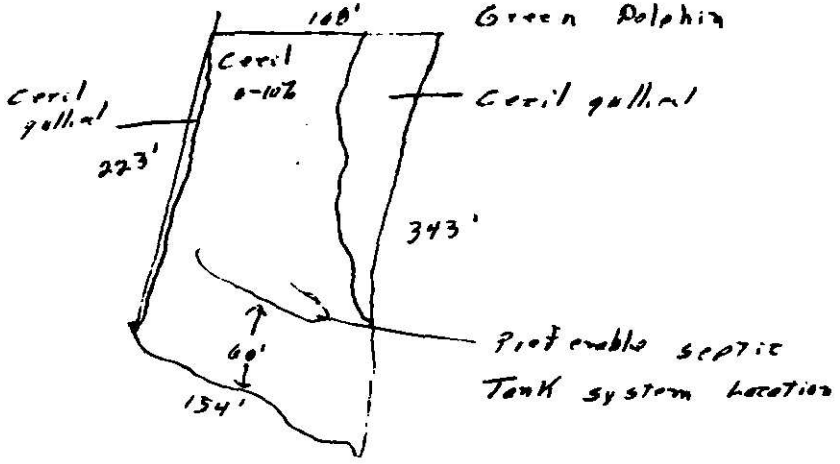
Remarks
~~Recommendations~~ Based on this investigation, an adequate area of provisionally suitable soil for the installation of a septic tank system was found on the lot

See Map [illegible]

William R. Medlin
[illegible]

WEC

3/75
[illegible]


168'
Green Dolphin
Coral
0-10%
Coral gallinal
Coral gallinal
223'
343'
60'
154'
Preferable septic
Tank system location

Serial No. 0726

PTR No. 12313

Date Issued May 9, 1977

T. C. No. 001-221-40

Map Date 6-4-76

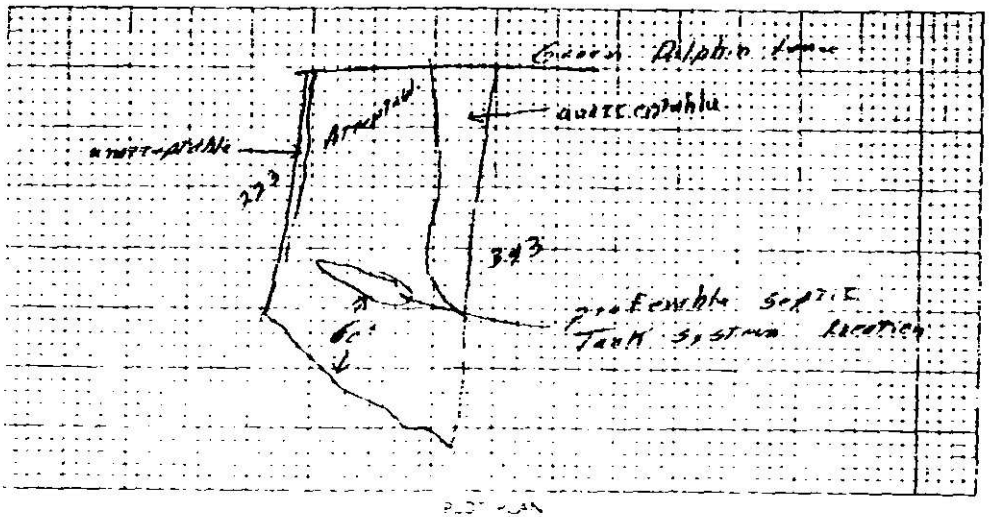
MECKLENBURG COUNTY
DEPARTMENT OF ENVIRONMENTAL HEALTH
SOIL INVESTIGATION REPORT

NAME OF OWNER Graham (LAST) James (FIRST) Donald (MIDDLE)

ADDRESS OF OWNER Rt. 1, Box 117, Davidson, NC ZIP 28036

LOCATION OF PROPERTY Green Dolphin Lane, Lake Norman (STREET OR COUNTY ROAD)

SUBDIVISION LOT NO 109 BLOCK NO



PLOT PLAN

...enburg County ... was conducted ... Provisionally Suitable 60 min/in. ... is approved ... soil ab...

...ng County Depart... ...water treatment ...

...the Mecklenburg ... ...above, and ...

... system installation ...

... performance of the lot sh... ...Mecklenburg County Department of Environmental Health ... and ... as acceptable for ... 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.

William A. Merlin
SOILSCIENTIST

John A. Adkisson
Environmental Health Director or Authorized Section Head

EHD-5-76

Environmental Health Department's Copy

SEE INSTRUCTIONS ON BACK

Date Received 5/24/77

ICAR (S) Application No. 12313

T. C. No. 061-221-40

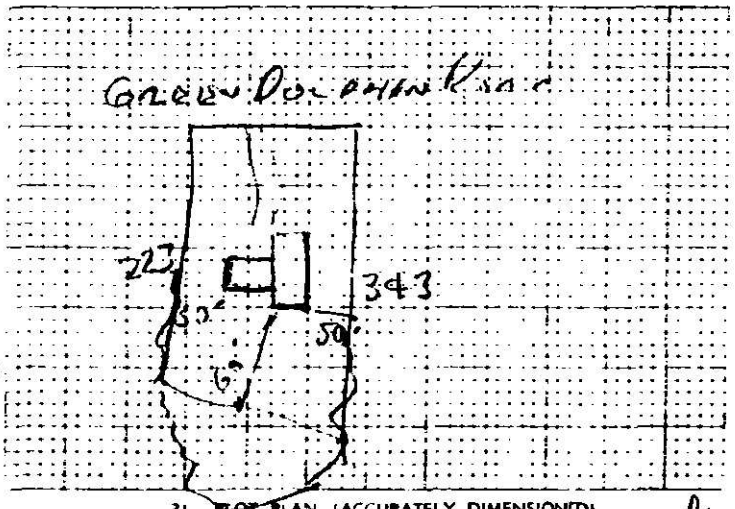
Map Date 6-4-76

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) X 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 X Yes ____ No
4) No. of Bedrooms 3
5) Business Use ____ Max No Employees NS
6) Washing Machine X Yes ____ No
7) Garbage Disposal X Yes ____ No
8) Dishwasher X Yes ____ 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) FHA Case No. ____
12) VA Case No. ____

13) NAME OF OWNER JAMES D. GRAHAM JAMES D. McMANN
LAST FIRST MIDDLE

14) ADDRESS OF OWNER RT 1 BOX 111 HUNTERSVILLE NC 28078

15) PHONE NO Home 892-2111 Office Conn. 875-2854

16) LOCATION OF SYSTEM GREEN OAK PARK ROAD
STREET OR COUNTY ROAD

17) SUBDIVISION LEMLEY MANOR Lot No. 227 Block No. SEC 2

Map Book No. ____ Page No. ____

18) DEED REFERENCE — DEED BOOK ____ AT PAGE ____

19) HAS A SOIL INVESTIGATION BEEN RUN? ✓ YES ____ NO DATE RUN 5/9/77 → 60

20) PTR NUMBER (See Instructions) 12313

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.

DATE OF APPLICATION ____ OWNER James D. Graham

EHD-5-76

Environmental Health Department's Copy

Serial No. 0821

Date Issued May 24, 1977

LA No. 12313

T. C. No. 001-221-4C

Map Date 6-4-76

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 Graham (LAST) James (FIRST) D. (MIDDLE)

ADDRESS OF OWNER Rt.1, Box 117, Davidson, NC ZIP 28036

LOCATION OF LOT Green Dolphin Road (STREET OR COUNTY ROAD)

SUBDIVISION _____ LOT NO 109 BLOCK NO. Section 2

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 _____ 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.

T M Aiyer Eds
Environmentalist

Environmental Health Director, or Authorized Section Head

EHD-5-74

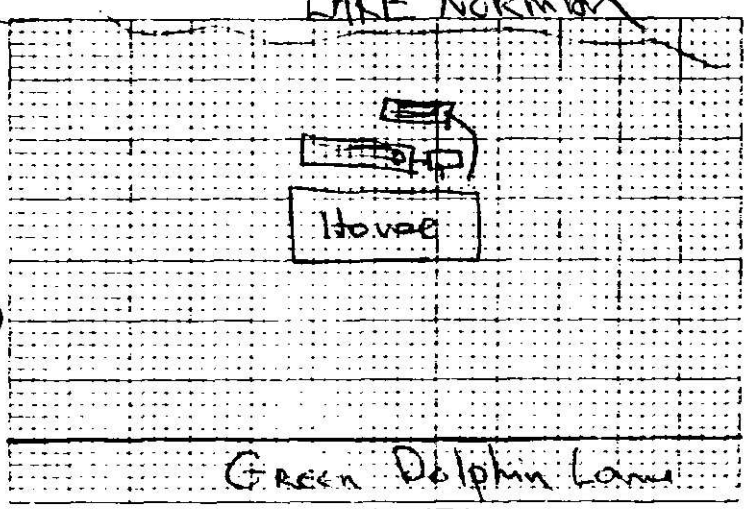
Environmental Health Department's Copy

Date Issued 3 June 77 Serial No. 0803

ICAR(S) Permit No. 12318
T. C. No. 001-071-39
Map Date 001-331-4C

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 ___, 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 3 JUNE 77, after which date this permit shall be null and void.



PLOT OF SYSTEM

Permeability Rate 60

Liquid Capacity of Tank 1500 gal

Tank Construction Precast Concrete

Absorption and/or Nitrification Lines:

Total Line Length 600'-150'

Number of Lines 6-3

Distance from House 10'

Distance from Property Line 10'

Distance from Well 100'

NAME OF OWNER Graham, James

LOCATION OF PROPERTY 17030 Green Dolphin Line

The system shall meet all 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 34" stone

J. M. Reynolds
Environmentalist

___
Division or Section Head

* 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 10 June '77

Serial No. 0776

C of A (s) No. 12318

T. C. No. 001-01-39 (001-221-40)

MECKLENBURG COUNTY
DEPARTMENT OF ENVIRONMENTAL HEALTH

ENVIRONMENTAL HEALTH DIVISION

CERTIFICATE OF COMPLETION
CERTIFICATE OF APPROVAL

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

Name of Owner GRAHAM (LAST) James (FIRST) (MIDDLE)

Location of Property 12030 Green Dolphin Lane

Application Number 12318 Permit Number 12318

Inspection Date:

Liquid Capacity of Tank 1500 gal Tank Material Precast Concrete

Total Length of Drain Tile 600' - 150' Number of Lines 6 - 3

Depth of Filter Material 54" Cover Depth 24"

Water Supply Source well Distance from Water Source 100'

Excavation Inspected 10 June 77 (DATE) Tank Inspected 10 June '77 (DATE)

Nitrification Field Inspected 10 June '77 (DATE)

Washing Machine Line Inspected, If Applicable 10 June '77 (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 Count. 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-5-76

Environmental Health Department's Copy