Date Received July 11, 1978

APT No. 14280

T. C. No. 001-221-01A

Map Date 6/4/76

MECKLENBURG COUNTY
DEPARTMENT OF ENVIRONMENTAL HEALTH

APPLICATION FOR SOIL INVESTIGATION

1) NAME OF OWNER McGraw (LAST) Marcia (FIRST) L. (MIDDLE)

2) ADDRESS OF OWNER 5925 Perkins Rd. Charlotte NC ZIP 28213

3) PHONE NO. Home 596-6980 Office

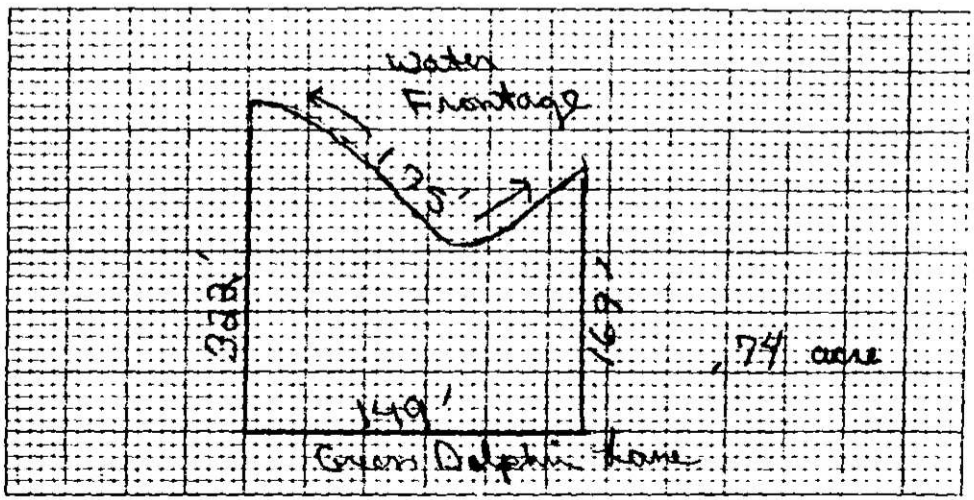
4) LOCATION OF PROPERTY Green Dolphin Lane - Lake Norman - off Jetton Rd & off old Beatties Ford Rd. (STREET OR COUNTY ROAD)

5) SUBDIVISION Section 2 LOT NO. 108 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

Marcia L. McGraw
OWNER

EHD-5-76

Environmental Health Department's Copy

NORTH CAROLINA
DEPARTMENT OF HUMAN RESOURCES
DIVISION OF HEALTH SERVICES
RALEIGH, NORTH CAROLINA

APPENDIX H
SITE EVALUATION

#14280

(Ground Absorption Sewage Disposal)

OWNER: McGRAW, Marcia
ADDRESS: 5925 PERKINS RD 28213
COUNTY: Mock
LOCATION OF SITE: GREEN OLAM LANE

DATE REQUESTED:
PLAT NO.: 001-221-049
LOT SIZE: 31,807

FACTORS	AREA 1	AREA 2	AREA 3	AREA 4
1. SLOPE (%)	(S) PS U 5%	S PS U	S PS U	S PS U
2. SOIL TEXTURE (12-36 in.) (Sandy, loamy, clayey, Note 2:1, Clay)	S (PS) CLAY U	S PS U	S PS U	S PS U
3. SOIL STRUCTURE (12.36 in.) (Clayey Soils)	S (PS) BLOCKY U	S PS U	S PS U	S PS U
4. SOIL DEPTH (In.)	(S) PS 48" U	S PS U	S PS U	S PS U
5. RESTRICTIVE HORIZONS (In.) (Imprevious Strata, Rock)	(S) 76" to ROCK PS U	S PS U	S PS U	S PS U
6. SOIL DRAINAGE/GROUNDWATER (External & Internal)	(S) 76" to water PS U	S PS U	S PS U	S PS U
7. SOIL PERMEABILITY (Percolation Rate)	S (PS) moderate U	S PS U	S PS U	S PS U
8. OTHER (Specify)	(S) adequate soil PS U	S PS U	S PS U	S PS U
9. SITE CLASSIFICATION	Provisionally Suitable			
SOIL SERIES	Cecil			

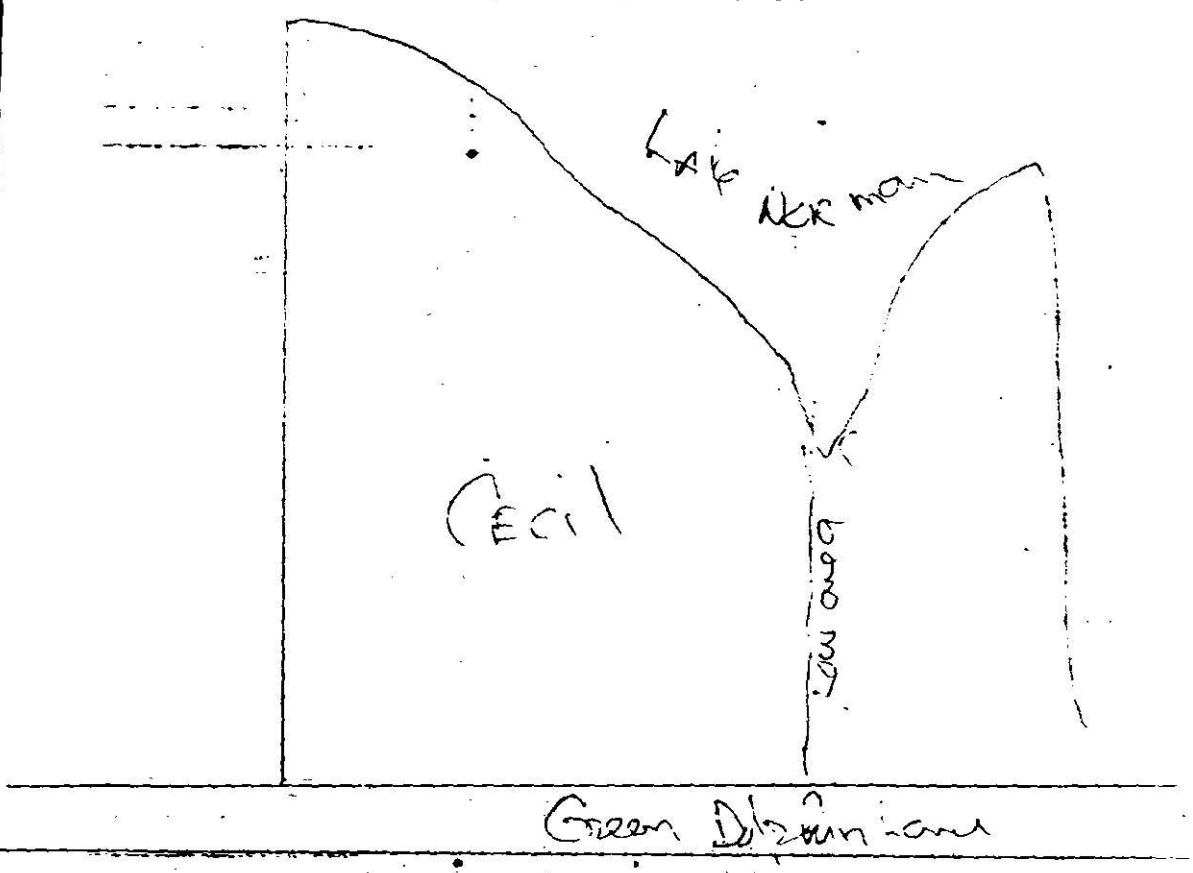
S - Suitable PS - Provisionally Suitable U - Unsuitable

* See Diagram on Back (Include: Soil areas, property lines, roads, streams, gullies, wet areas, fill areas, wells, water bodies, slope patterns, etc)

Recommendations/Comments:

Described By: [signature]
Title: Environmentalist Date: 19 July 78

DHS Form 2601 (2/77)
Sanitation


Lake Norman
Cecil
Lincoln
Green Drainage

Serial No. 2063

PTR No. 14280

T. C. No. 001-221-04A

Date Issued July 19, 1978

Map Date

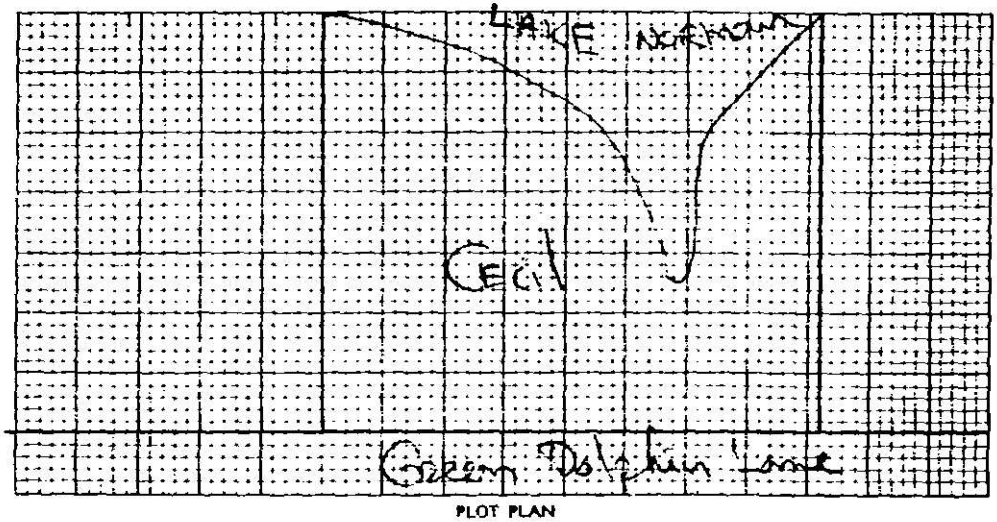
MECKLENBURG COUNTY
DEPARTMENT OF ENVIRONMENTAL HEALTH
SOIL INVESTIGATION REPORT

NAME OF OWNER McGraw, Marcie
(LAST, FIRST, MIDDLE)

ADDRESS OF OWNER 5925 Perkins Road, Charlotte, N.C. ZIP 28213

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

SUBDIVISION LOT NO BLOCK NO.



PLOT PLAN

This is to certify that a soil investigation and on-site investigation was made by the Mecklenburg County Department of Environmental Health on the lot described above. The said investigation was conducted on that portion of the lot as indicated on the above plot. The permeability rate determined by the investigation was provisionally suitable. 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 permit to install, construct, alter or repair the specific system shall be obtained from the Mecklenburg County Department of Environmental Health prior to the beginning of any construction of buildings or of the wastewater treatment system on the said lot.
2. The size of the septic tank wastewater treatment system which must be installed will be determined by the Mecklenburg County Department of Environmental Health prior to installation based on the permeability rate obtained above, and on the size and type of building constructed thereon.
3. This approval is valid only if the system is installed in the immediate area indicated as acceptable for system installation on the above plot.
4. This approval is void if any grading, filling, or construction (including the drilling of a well) is performed on the lot which, in the opinion of the Mecklenburg County Department of Environmental Health, renders the area indicated as acceptable for system installation unsuitable for installation, construction, alteration and or repair of such a 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.

R.M. Reynolds, Environmentalist

Environmental Health Director or Authorized Section Head

EHD-S-7/6

Environmental Health Department's Copy

Date Received _____ Apt. No. (S) _____ Application No. (W) 14280

T. C. No. 001-221-04A

Map Date _____

MECKLENBURG COUNTY
DEPARTMENT OF ENVIRONMENTAL HEALTH

APPLICATION FOR WELL WATER SUPPLY PERMIT

NAME OF OWNER Collins (LAST) Charles (FIRST) William (MIDDLE)

ADDRESS OF OWNER PO Box 11382, Winston-Salem, NC ZIP 27106

PHONE NO. Home 919-767-4007 Office 919-727-6662

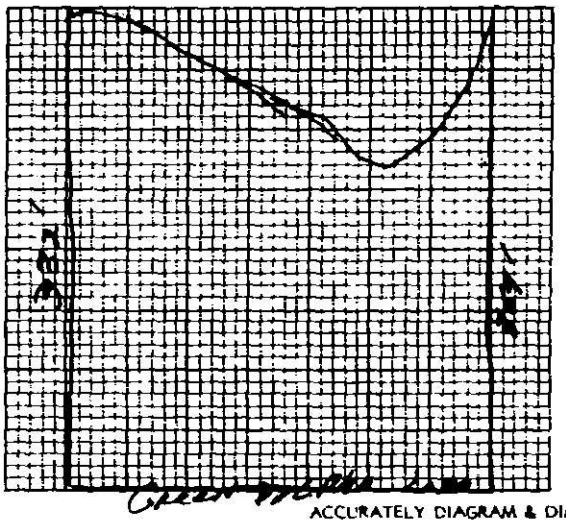
LOCATION OF PROPERTY Green Dolphin Lane, Section 2 Lot 108
STREET OR COUNTY ROAD

WELL CONTRACTOR _____ LICENSE NO. _____

Application is hereby made to the Mecklenburg County Department of Environmental Health for a permit to drill a water well on the hereinabove described lot to be used as a source of ✓ individual, _____ semi public, or _____ public water supply.

September 15 1978
DATE OF APPLICATION

Charles William Collins
OWNER



ACCURATELY DIAGRAM & DIMENSION LOT

Remarks: _____

Application approved and permit hereby granted

Permit No: _____

Marshall Edwards
ENVIRONMENTALIST

EHD-S-76

Environmental Health Department's Copy

SEE INSTRUCTIONS ON BACK

Date Received 9/18/78

ICAR(S) Application No. 14280

T. C. No. 001-221-044

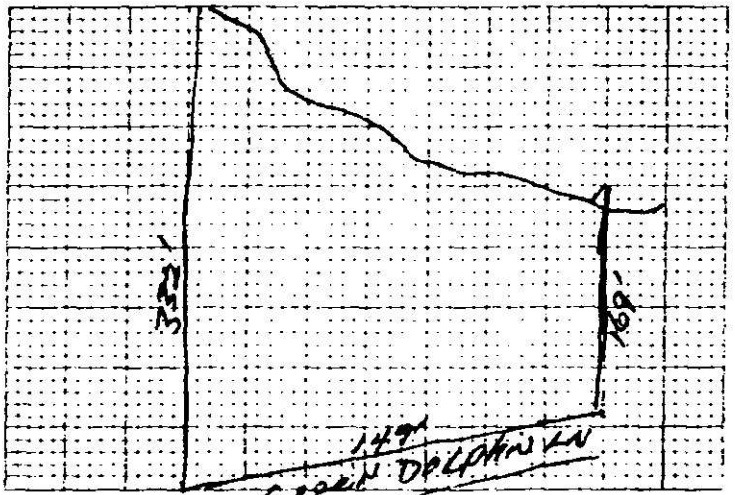
Map Date _____

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 2
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 Collins (LAST) Charles (FIRST) William (MIDDLE)

14) ADDRESS OF OWNER Po Box 11382, Winston-Salem, N.C. 27106

15) PHONE NO. Home 919-767-4007 Office 919-727-6662

16) LOCATION OF SYSTEM Green Dolphin Lane, Section 2 Lot 108
STREET OR COUNTY ROAD

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

Map Book No. 17 Page No. 542

18) DEED REFERENCE — DEED BOOK _____ AT PAGE _____

19) HAS A SOIL INVESTIGATION BEEN RUN? ✓ YES ___ NO DATE RUN 7-19-78

20) PTR NUMBER (See Instructions) 14280

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 15, 1978
DATE OF APPLICATION

Charles William Collins
OWNER

EHD-5-76

Environmental Health Department's Copy

Serial No. 2224

LA No. 14280

Date Issued September 18, 1978

T. C. No. 001-221-04A

Map Date

MECKLENBURG COUNTY
DEPARTMENT OF ENVIRONMENTAL HEALTH

TO THE BUILDING INSPECTION DEPARTMENT

IMPROVEMENT PERMIT

APPROVAL OF LOT FOR INSTALLATION OF AN INDIVIDUAL SEPTIC TANK WITH SUBSURFACE, SOIL ABSORPTION, EFFLUENT DISCHARGE

NAME OF OWNER Collins (LAST) Charles (FIRST) William (MIDDLE)

ADDRESS OF OWNER P.O. Box 11382, Winston-Salem, NC ZIP 27106

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

SUBDIVISION _____ LOT NO. 108 BLOCK NO. Section 2

MAP BOOK NO. 17 PAGE NO. 542

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 14280. 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

Marshall Edwards
Environmentalist

John A Hudson
Environmental Health Director, or Authorized Section Head

EHD-5-76

Environmental Health Department's Copy

Serial No. 2095

Date Issued 10-23-78

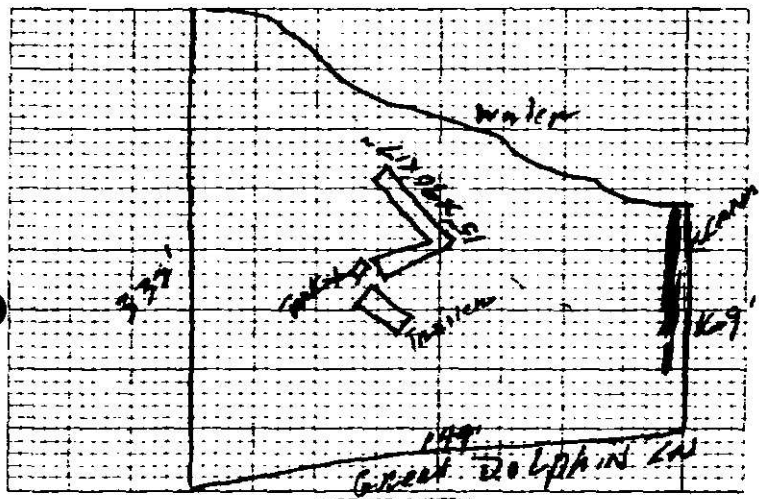
ICAR(S) Permit No. 14280

T C No. 91-221-044

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 14280, dated 9-18-78 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 11-23-78 after which date this permit shall be null and void.



PLOT OF SYSTEM

Permeability Rate P/S

Liquid Capacity of Tank 1500

Tank Construction Precast

Absorption and/or Nitrification Lines

Total Line Length 455

Number of Lines 5

Distance from House 10'

Distance from Property Line 10'

Distance from Well 100'

NAME OF OWNER Charles William Collins

LOCATION OF PROPERTY Green Dolphin Ln section 2 Lot 108

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.

Comments: 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:

Division or Section Head

Environmentalist Michael Edwards

* 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

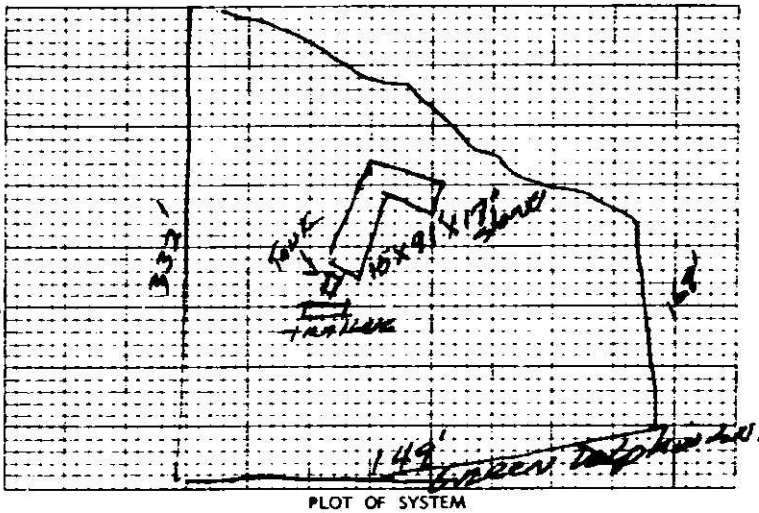
Date Issued 10-27-78 Serial No. 2124 ICAR(S) Permit No. 14280

T.C.M. 98-1-221-044

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 14286, dated 9-13-78 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 11-26-78, after which date this permit shall be null and void.



PLOT OF SYSTEM

Permeability Rate 0/3

Liquid Capacity of Tank 1500

Tank Construction PRECAST

Absorption and or Nitrification Lines.

Total Line Length 455

Number of Lines 5

Distance from House 10'+

Distance from Property Line 10'+

Distance from Well 50'+

NAME OF OWNER Charles Wilkinson Collins

LOCATION OF PROPERTY Green Dolphin 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.**

COMMENTS: one unit (15'x9'x17" stone)

Division or Section Head

Environmentalist Marshall Edwards

* 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 10-27-78 Serial No. 2060 C of A (s) No. 14280

T.C. 001-221-044

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 COLLINS (LAST) CHARLES (FIRST) WILLIAM (MIDDLE)

Location of Property Green Dolphin Ln. Section 2 Lot 10B

Application Number 14280 Permit Number 14280

Inspection Data:

Liquid Capacity of Tank 1500 Tank Material PRECAST

Total Length of Drain Tile 455 Number of Lines 5

Depth of Filter Material 17" Cover Depth 30"

Water Supply Source WELL Distance from Water Source 50'+

Excavation Inspected 10-27-78 (DATE) Tank Inspected 10-27-78 (DATE)

Nitrification Field Inspected 10-27-78 (DATE)

Washing Machine Line Inspected, If Applicable N.A. (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: _____

Norbert Edwards
Environmentalist

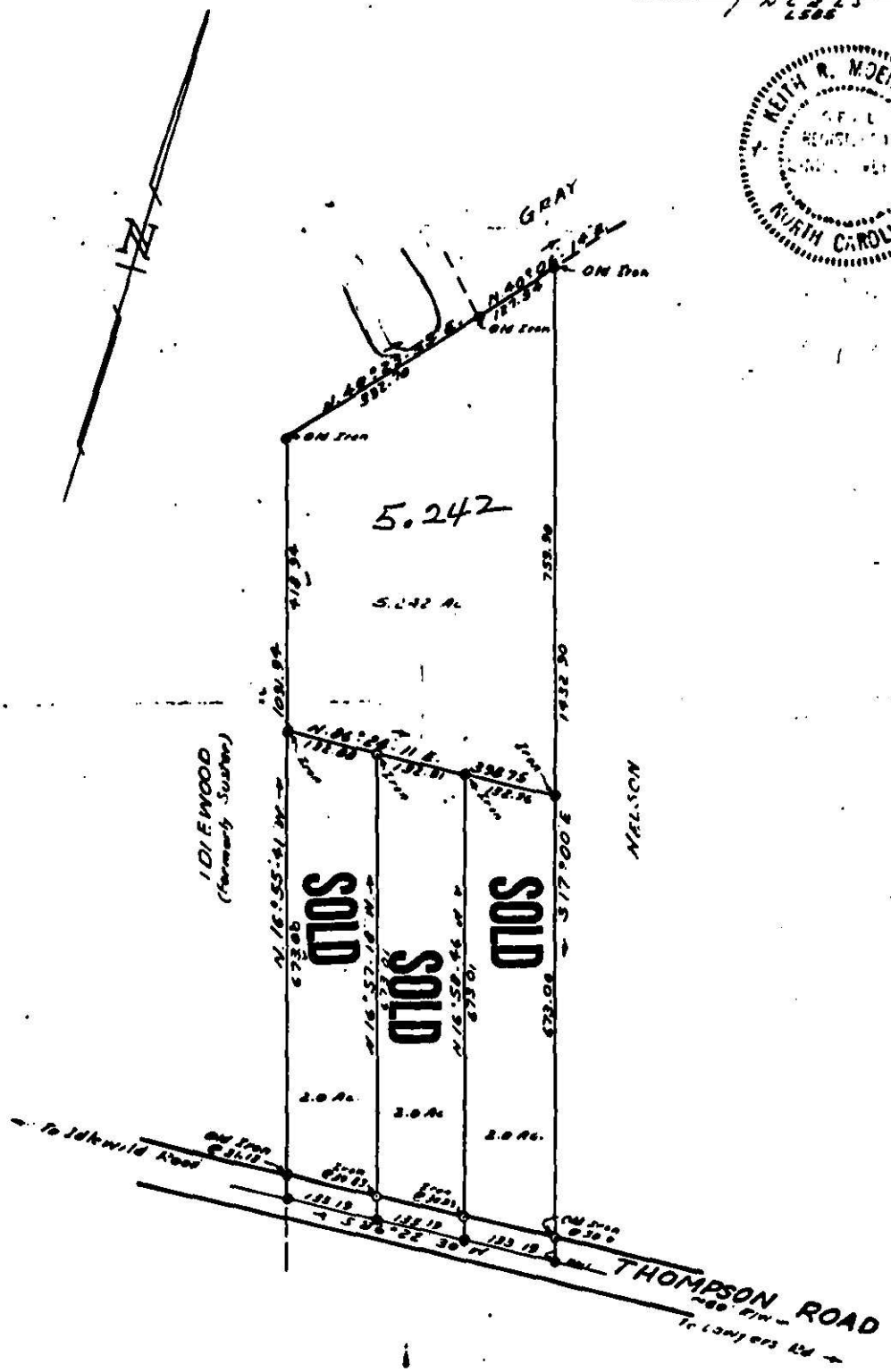
EHD-5-76

Environmental Health Department's Copy

APT 14281

SIGNED Keith R. Moen
N.C. R.L.S.
L-506

KEITH R. MOEN L-506
REGISTERED
LAND SURVEYOR
NORTH CAROLINA



PHYSICAL SURVEY

OF

11.242 ACRE TRACT ON THOMPSON ROAD

CHARLOTTE, N. C.

PROPERTY OF

BYRON C WILLIAMS & KAREN B WILLIAMS

SCALE 1" = 200' DEED RECORDED _____ MAP RECORDED _____

MORNING STAR TWP. MECKLENBURG CO. NC

SOIL INVESTIGATION REPORT

Date of Investigation June 24, 1976 APT NO. 11102

Owner B. C. Cole P.O.

Location of Property Thompson Road Tax Lot No. 145-017-10

Soil Suitability Ratings

Soil Properties	Soil 1	Soil 2	Soil 3	Soil 4
1. Soil Series	Cecil	~~Helena~~	Helena	Chewacla
2. Soil Slope	acceptable 2-6%		acceptable 2-6%	———
3. Soil Depth	acceptable >48"		acceptable 48"	———
4. Soil Texture	acceptable clay		unacceptable 2:1 Expanding Clay	———
5. Soil Structure	acceptable Subangular blocky		unacceptable massive	———
6. Restrictive Horizons	———	———	———	———
7. Soil Drainage	acceptable water table >6'		unacceptable perched high water table	unacceptable seasonal high water table <18" from surface
8. Soil Permeability (Percolation Rate)	acceptable 60 min/in		unacceptable >200 min/in	unacceptable poorly drained
9. Other	———	———	———	unacceptable floods
10. Overall Rating	acceptable	~~unacceptable~~	unacceptable	unacceptable

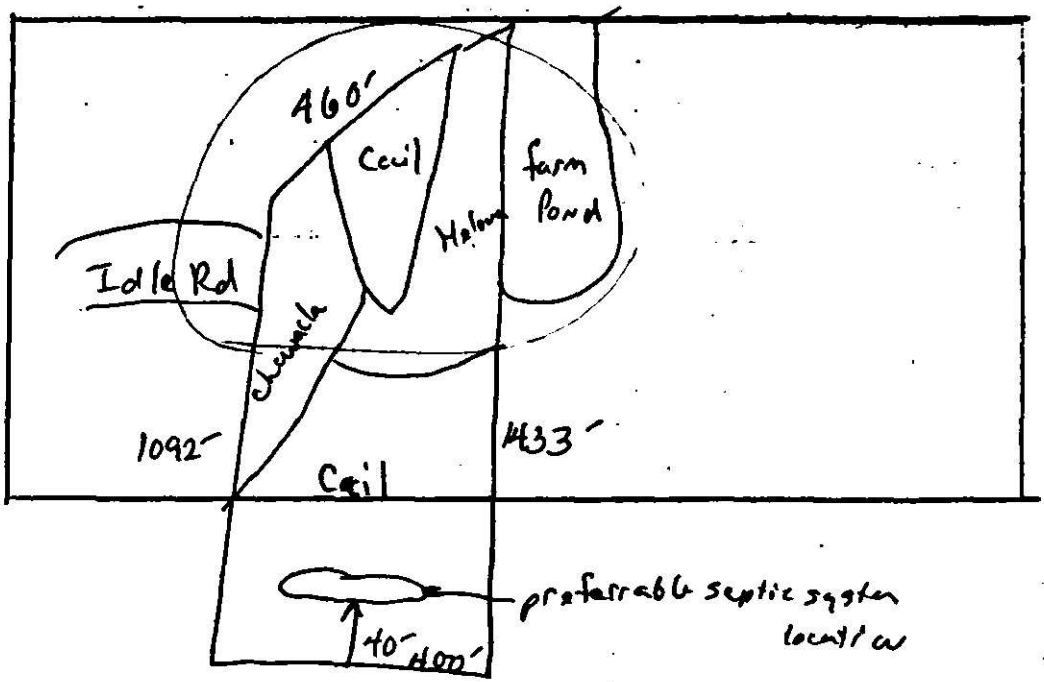
Recommendations Based on this investigation, the lot is recommended for approval for installation of a septic tank system. System design should be based on 60 min/in and should be placed in the area of Cecil soils.

See diagram on back

W. Edward Casavant
Soil Scientist

3/18/75
HMD 539

DIAGRAM OF PROPERTY



3/18/75

939