Date Issued 4/27/77

Serial No. 0710

LA No. 12275

T. C. No. 055-321-26

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 Bumgardner, (LAST) David (FIRST) Richard (MIDDLE)

ADDRESS OF OWNER 7063 Lakeland Drive, Charlotte ZIP 28214

LOCATION OF LOT Lakeland Drive (STREET OR COUNTY ROAD)

SUBDIVISION White Forest LOT NO 2 BLOCK NO C

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 12275 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.

John R Atkisson

Environmentalist

Environmental Health Director, or Authorized Section Head

EHD-5-76

Environmental Health Department's Copy

WELL RECORD Well Permit No. 12226

MAIL COMPLETED FORM TO: WELL WATER SUPPLIES

MECKLENBURG COUNTY
DEPARTMENT OF ENVIRONMENTAL HEALTH

1200 BLYTHE BOULEVARD, CHARLOTTE, N. C. 28203

Drilling Contractor McCALL BROS.

1. Location of property OFF DIXIE RIVER RD. BRIAR COVE
2. Name of owner SHIREE MARIE BARTHEAU
   Address 1120 BURTON WOOD CIR. CHAR. NC 28212
3. Does this well replace an existing well? No
4. Topography (circle one): draw, slope, hilltop, valley, flat
5. Use of well Domestic Date completed 10-21-96
6. Rig type or method Air Total depth 200'
7. Casing:

	Depth		Inside Diam.	Wall thick. or Wt./ft.	Type
From	0	to 75 ft.	6	in.	

8. Grout:

	Depth		Material	Method
From	0	to 20 ft.	Cement	

9. Liner, if used: Depth _____ Diameter _____
   No. holes drilled and abandoned _____
10. Water zones (depth and gpm) 180' 40
11. Static water level: 14 ft. above below top of casing
    which is _____ ft. above land surface. Elev. _____
    Date _____
12. Yield (gpm) 2 Method of testing Estimate
13. Pumping water level: _____ ft. after _____ hrs.
    at _____ gpm.
14. Water quality _____ Temperature (°F) _____
15. Well sterilization method Chlorine
16. Permanent pump: _____ Type _____ Make _____
    Installed – Date _____ By _____
    Capacity _____ gpm. Hp _____ TDH _____
    Intake depth _____ Airline depth _____
17. Remarks: _____

DRILLING LOG

Depth From	To	Formation
0	5	Red Clay
5	25	Sand & Clay
25	200	Grey Sand

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

William L. Ferrell
SIGNATURE OF CONTRACTOR OR AGENT

EHD-S-76

Date Received 8/18/77 Apt. No. (S) _____ Application No. (W) 12276

T. C. No 113-2W1-16

Map Date (6-10-74) (April 6, 1977)

MECKLENBURG COUNTY
DEPARTMENT OF ENVIRONMENTAL HEALTH

APPLICATION FOR WELL WATER SUPPLY PERMIT

NAME OF OWNER Borthen, (LAST) Shirlee (FIRST) Marie (MIDDLE)

ADDRESS OF OWNER 1110 Burtonwood Circle, Charlotte, NC. ZIP 28212

PHONE NO. Home (704) 537-0695 Office Belk's - Southpark

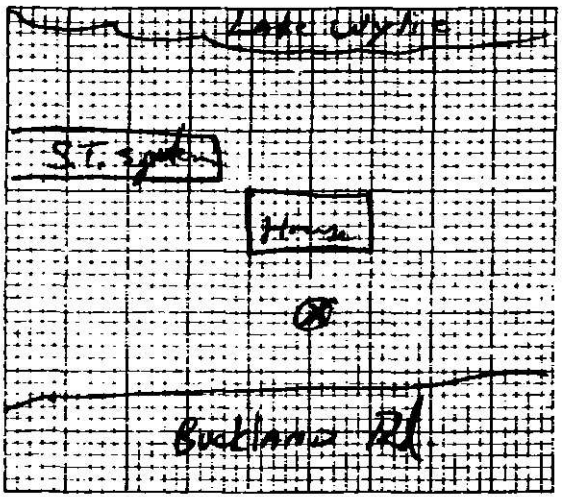
LOCATION OF PROPERTY Off: Sadler Road (STREET OR COUNTY ROAD)

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 X individual, _____ semi public, or _____ public water supply.

August 18, 1977
DATE OF APPLICATION

Shirlee M. Borthen
OWNER



ACCURATELY DIAGRAM & DIMENSION LOT

Remarks: Keep 50' from House - 13' from Rt of way

Application approved and permit hereby granted

Permit No: 12276

ENVIRONMENTALIST

EHC-5-76

Environmental Health Department's Copy

Date Received 4/27/77

MECK COUNTY DEPARTMENT OF
RECEIVED
APR 27 1977

APT No. 12276
T. C. No. 113-241-14
Map Date 6/10/74

MECKLENBURG COUNTY
DEPARTMENT OF ENVIRONMENTAL HEALTH

APPLICATION FOR SOIL INVESTIGATION

1) NAME OF OWNER Barthen (LAST) Hilton (FIRST) L (MIDDLE)

2) ADDRESS OF OWNER 1110 Carton wood Cir. Charlotte NC ZIP

3) PHONE NO. Home 5370625 Office 3330529

4) LOCATION OF PROPERTY Lake Wylie - Morgan Brown Tract (STREET OR COUNTY ROAD)

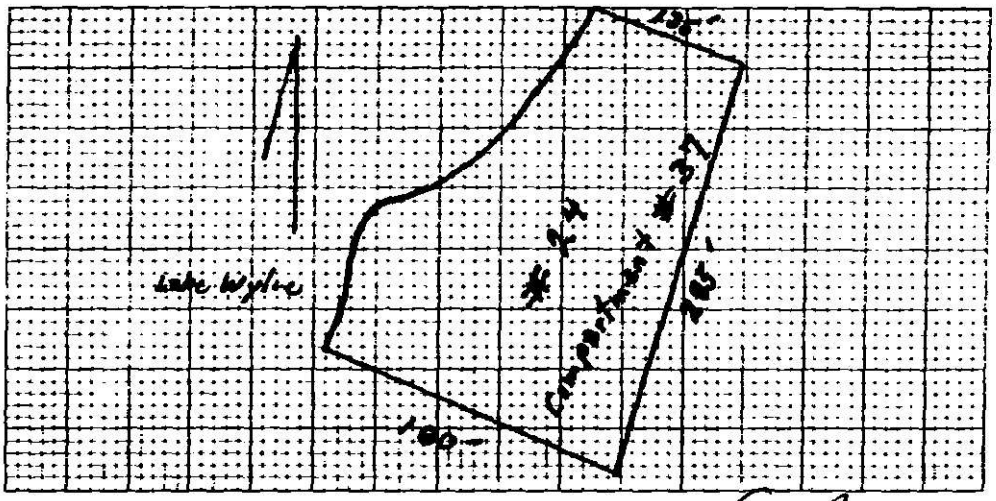
5) SUBDIVISION Compartment # 37 LOT NO. 24 BLOCK NO.

MAP BOOK NO. PAGE NO.

6) DEED REFERENCE. DEED BOOK PAGE NO. Phone 5237640

Please send copies to John Gaylord Box 11093 Charlotte 28209

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

Hilton L Barthen
OWNER

EHD-5-76

Environmental Health Department's Copy

SOIL INVESTIGATION REPORT

Date of Investigation May 3, 1977 AFT NO. 2296

Owner Wilton Borden T.C. 113-2H1-14

Location of Property Off Barrows Cross Rd

Soil Suitability Ratings

Soil Properties	Soil 1	Soil 2	Soil 3	Soil 4
1. Soil Series	Cecil	Pacolet		
2. Soil Slope	Suitable 10-15%	unsuitable 25-30%		
3. Soil Depth	Suitable 72"	suitable 40"		
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 >6'	Suitable water table >6'		
8. Soil Permeability (Percolation Rate)	Provisionally Suitable Moderate 60 min/in	Provisionally Suitable Moderate 60 min/in		
9. Other				
10. Overall Rating	Provisionally Suitable	unsuitable		

Recommendations Armor MS Based on this investigation, adequate area of provisionally suitable soil for the installation of a septic tank system was found on the lot. System design should be based on a percolation rate of 60 min/in and system located on the 10-15% Cecil soil.

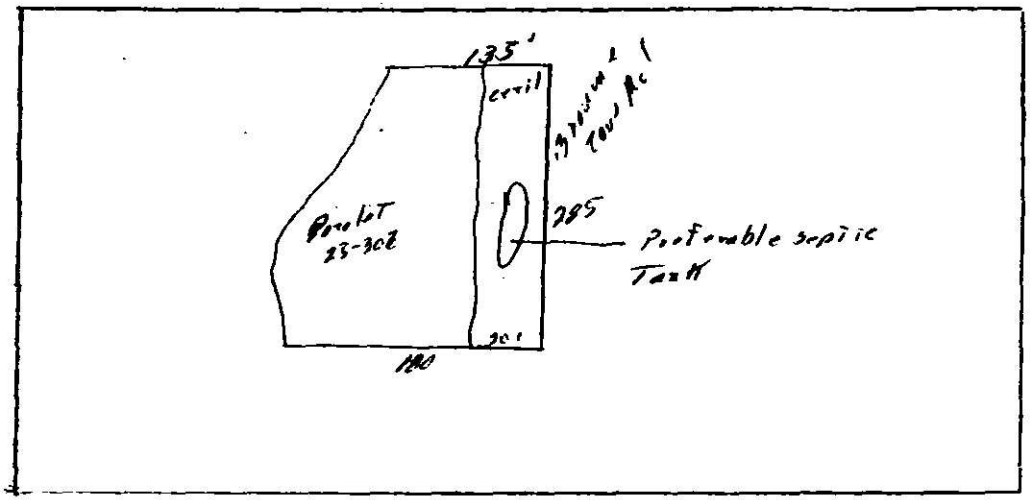
Soil Scientist

William A. Meeks

WAC

3/77/75
RID 209

DIAGRAM OF PROPERTY



3/18/75
EHD 539

Serial No. 0752

PTR No. 12276

T. C. No. 113-241-16

Date Issued May 17, 1977

Map Date 6-10-74

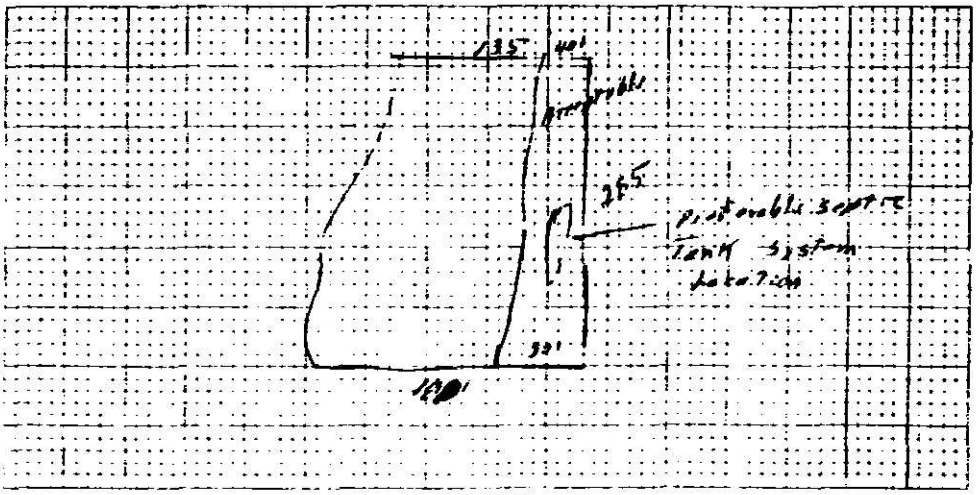
MECKLENBURG COUNTY
DEPARTMENT OF ENVIRONMENTAL HEALTH
SOIL INVESTIGATION REPORT

NAME OF OWNER Borthen (LAST) Hilton (FIRST) L. (MIDDLE)

ADDRESS OF OWNER 1110 Burtonwood Circle, Charlotte, NC ZIP

LOCATION OF PROPERTY Off Sadler Road (STREET OR COUNTY ROAD)

SUBDIVISION LOT NO 24 BLOCK NO



PLOT PLAN

This is to certify that a soil investigation on the property described above was made by the Mecklenburg County Department of Environmental Health and that the investigation was conducted on that portion of the lot so indicated on the plot plan. The said lot is rated **Provisionally Suitable** The permeability rate determined by the percolation test was **60 min./in.** The said lot is approved for the installation of an individual septic tank sewage treatment system with subsurface soil absorption effluent discharge subject to the following terms and conditions:

1. A permit must be obtained from the Mecklenburg County Department of Environmental Health prior to the construction of the wastewater treatment system on the said lot.
2. The size of the septic tank and the total length of the system will be determined by the Mecklenburg County Department of Environmental Health in accordance with the permeability rate obtained above and on the size and type of building to be constructed thereon.
3. This approval is valid only for the system location and area designated and dated as acceptable for system installation on the above plot.
4. This approval is void if the grading of the lot in the area of the system is altered from the grading that was present at the time the tests were 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 the use of the system or interferes with the 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.

William A. Marlin
Soil Scientist

John Atkinson
Environmental Health Director or Authorized Section Head

EHD-5-76

Environmental Health Department's Copy

SEE INSTRUCTIONS ON BACK

Date Received 8/18/77

ICAR(S) Application No. 12276

T. C. No. ~~113-2A3-16~~ (6-10-74)

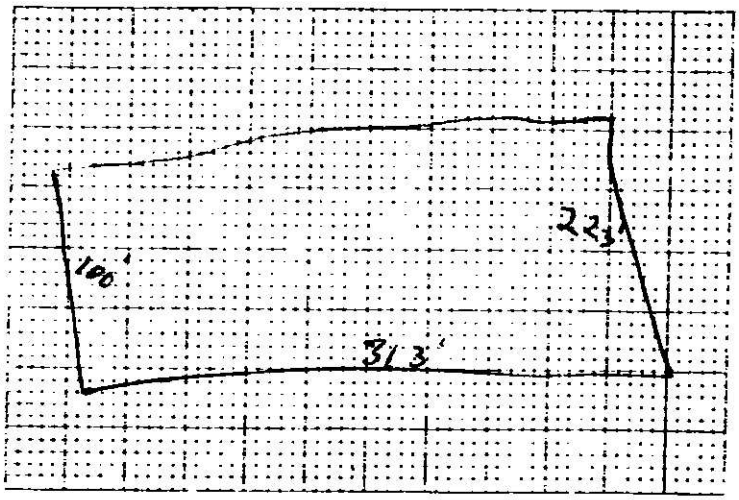
Map Date (April 6, 1977)

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)

4) Mobile Home X Yes __ No
Residence Yes __ No

4) No of Bedrooms ____

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 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 ✓ No
House located within 200 feet of community sewer __ Yes ✓ No

11) FHA Case No ____

12) VA Case No. ____

13) NAME OF OWNER Borthen, (LAST) Shirlee (FIRST) Marie (MIDDLE)

14) ADDRESS OF OWNER 1110 Burtonwood Circle, Charlotte, N. C. 28212

15) PHONE NO. Home (704) 537-0695 Office Belk's Southpark

16) LOCATION OF SYSTEM Off: Sadler Road (STREET OR COUNTY ROAD)

17) SUBDIVISION 37 Lot No. 24 Block No. ____

Map Book No. Plat Book 18 Page No. 49

18) DEED REFERENCE — DEED BOOK Plat Book 18 AT PAGE 49

19) HAS A SOIL INVESTIGATION BEEN RUN? X YES __ NO DATE RUN: May 17, 1977

20) PTR NUMBER (See Instructions) 12276

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 August 18, 1977

OWNER Shirlee Marie Borthen

EHD-5-76

Environmental Health Department's Copy

Date Issued August 18, 1977

Serial No. 1096

LA No. 12276

T. C. No. 113-241-16

Map Date 4-6-77

MECKLENBURG COUNTY
DEPARTMENT OF ENVIRONMENTAL HEALTH

IMPROVEMENT PERMIT
TO THE BUILDING INSPECTION DEPARTMENT

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

NAME OF OWNER Borthen (LAST) Shirlee (FIRST) Marie (MIDDLE)

ADDRESS OF OWNER 1110 Burtonwood Circle, Charlotte, NC ZIP 28212

LOCATION OF LOT Off: Sadler Road (STREET OR COUNTY ROAD)

SUBDIVISION _____ LOT NO. 24 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 12276. 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

Graham J. Wood
Environmentalist

John R. Atkisson
Environmental Health Director, or Authorized Section Head

EHD-S-76

Environmental Health Department's Copy

Date Issued 8/18/77

Serial No. 1015

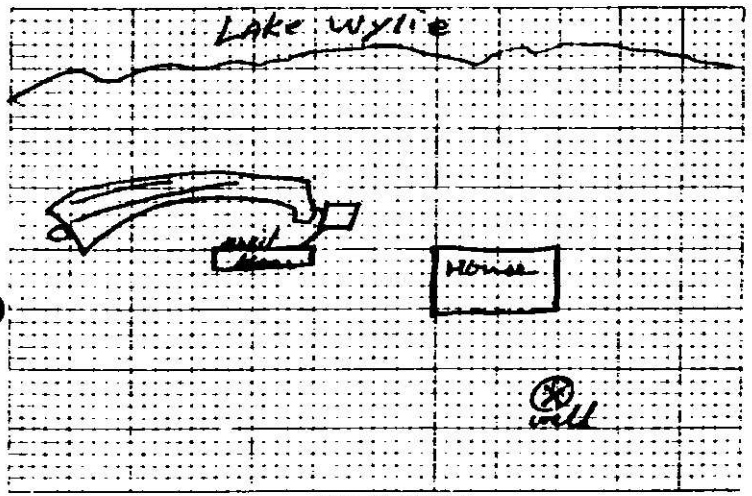
ICAR(S) Permit No. 12276

T. C. No. 113-241-16

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 12276, dated 8/18/77, 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 9/18/77, after which date this permit shall be null and void.



PLOT OF SYSTEM

Permeability Rate 60 m/in

Liquid Capacity of Tank 1500 gal.

Tank Construction PRECAST

Absorption and or Nitrification Line

Total Line Length 330'

Number of Lines 3

Distance from House 10'

Distance from Property Line 10'

Distance from Well 75'

NAME OF OWNER Shirley Marie BORTHEN

LOCATION OF PROPERTY off Buckland Rd (SADLER RD) - Lot #24

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: 9' x 110' x 17"

Division or Section Head _____

Environmentalist Stephen J. Wood

* 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-5-75

Environmental Health Department's Copy

Serial No. 1039

C of A (s) No. 12276

Date Issued 15 Sept 77

T. C. No. 113-241-0[illegible]

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 Bowman (LAST) Shirley (FIRST) Marie (MIDDLE)

Location of Property off Rucklans Rd. Lot # 24

Application Number 12276 Permit Number 12276

Inspection Date:

Liquid Capacity of Tank 1500 gal Tank Material Fire Coal

Total Length of Drain Tile 330' Number of Lines 5

Depth of Filter Material 12" Cover Depth 24"-30"

Water Supply Source well Distance from Water Source 75'+

Excavation Inspected 15 Sept 77 (DATE) Tank Inspected 15 Sept 77 (DATE)

Nitrification Field Inspected 15 Sept 77 (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 1

Environmentalist

EHD-5-76

Environmental Health Department's Copy