Date Received 5/3/78

APT No. 1405

T. C. No. 217-232-18

Map Date 11-9-77

MECKLENBURG COUNTY
DEPARTMENT OF ENVIRONMENTAL HEALTH

APPLICATION FOR SOIL INVESTIGATION

1) NAME OF OWNER Mc Connell (LAST) Harry (FIRST) J (MIDDLE)

2) ADDRESS OF OWNER Rt 6 Box 651 ZIP 28208

3) PHONE NO. Home 394-0881 Office 372-5210

4) LOCATION OF PROPERTY Forest Home Rd. (STREET OR COUNTY ROAD)

5) SUBDIVISION Lake Wylie LOT NO 71 BLOCK NO Sect 42

MAP BOOK NO 17 PAGE NO 508

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

Harry J. McConnell
OWNER

EHB-5-76

Environmental Health Department's Copy

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

APPENDIX H
SITE EVALUATION

(Ground Absorption Sewage Disposal)

APT 1400B
TC 217-232-18

OWNER: Henry J. McConnel
ADDRESS: Rt. 6, Box 651
COUNTY: Charlotte
LOCATION OF SITE: Forest Home Rd

DATE REQUESTED: Lot 78, Sect. #2
PLAT NO.:
LOT SIZE: 65,000

FACTORS	AREA 1	AREA 2	AREA 3	AREA 4
1. SLOPE (%)	(S) PS 8-15% U	S PS 2-8% U	S PS U	S PS U +
2. SOIL TEXTURE (12-36 in.) (Sandy, loamy, clayey, Note 2:1, Clay)	S PS 2:1 (U)	S PS 2-1 Clay (U)	S PS U	S PS U
3. SOIL STRUCTURE (12.36 in.) (Clayey Soils)	S PS Massive (U)	S (PS) Blocky U	S PS U	S PS U
4. SOIL DEPTH (In.)	(S) L48" PS (U)	(S) 40" PS U	S PS U	S PS U
5. RESTRICTIVE HORIZONS (In.) (Imprevious Strata, Rock)	S Saprolite (PS) @ L48" U	S Rock PS U	S PS U	S PS U
6. SOIL DRAINAGE/GROUNDWATER (External & Internal)	(S) 7Ft to PS ground U water	S Seasonal PS perched (U) water table	S PS U	S PS U
7. SOIL PERMEABILITY (Percolation Rate)	S PS 1 Slow (U)	S PS Slow (U)	S PS U	S PS U
8. OTHER (Specify)	S PS U	S PS U	S PS U	S PS U
9. SITE CLASSIFICATION	unsuitable	unsuitable		
SOIL SERIES	Enon - in Mrs	Helena		

S - Suitable PS - Provisionally Suitable U - Unsuitable

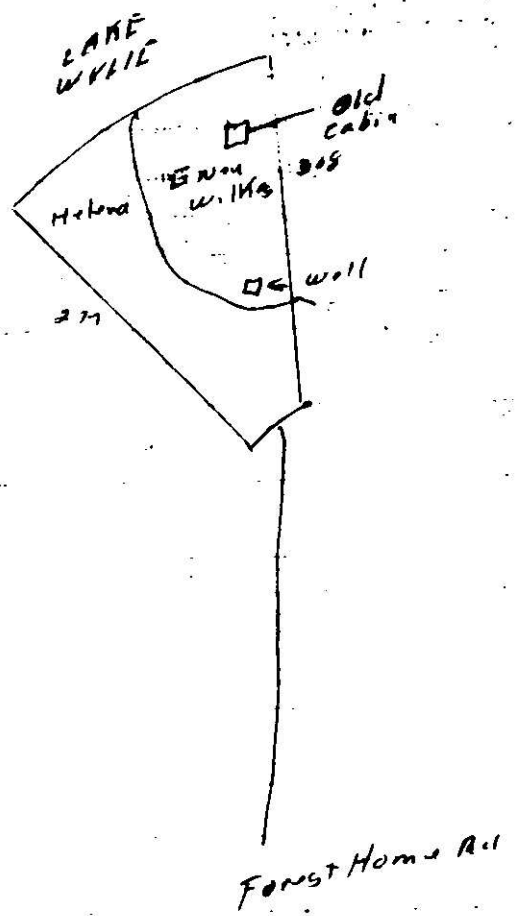
* See Diagram on Back (Include: Soil areas, property lines, roads, streams, gullies, wet areas, fill areas, wells, water bodies, slope patterns, etc)

Recommendations/Comments:

Described By: William B Marlin

Title: Soil Scientist Date: 5-11-78

DHS Form 2604 (2/77)
Sanitation


LAKE WYLIE
Old cabin
Gnarled Wilks
Holland
wall
Forest Home Rd

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

SITE INVESTIGATION REPORT
INDIVIDUAL SEPTIC TANK SYSTEM
WITH SUBSURFACE,
SOIL ABSORPTION,
EFFLUENT DISCHARGE

SIR.NO. 14006
T. C.NO. 217-232-18
MAP DATE 11-9-77
DATE 5-15-78

NAME OF OWNER McConnell, Harry J.

ADDRESS OF OWNER Route 6, Box 651, Charlotte, N. C. 28208

LOCATION OF LOT Forest Home Road, Lake Wylie Lot 71, Section 42

At your request and pursuant to Section. 1900 of the North Carolina Administrative Code, Title 10, Department of Human Resources, Chapter 10, Health Services, Subchapter 10A, a site evaluation has been made for an on premises ground absorption sewage disposal system on the property designated above and the following conditions were found:

Soil strucaure massive
Soil Permeability unsuitable

Section 10 of the North Carolina Administrative Code 10A, .1910 of these regulations states "Sites originally classified as unsuitable may be used for soil absorption disposal systems, provided engineering, hydrogeologic, and soils studies indicate to the local agency that a suitable alternate system can reasonably be expected to function satisfactorily.

Section 10, North Carolina Administrative Code 10A, .1916 states that "The design, construction, and maintenance of ground absorption sewage systems, whether septic tank systems or alternate systems shall be the responsibility of the owner, developer. installer, and user of the system as applicable in the circumstances."

We would also advise you that according to Regulation 10, North Carolina Administrative Code 10A, . 1916(b), "Actions of representatives of state or local agencies engaged in the evaluation and determination of measures required to effect compliance with the provisions of this section shall in no way be taken as a guarantee that sewage disposal systems approved and permitted will function in a satisfactory manner for any given period of time or that such employees assume any liability for damages, consequential or direct, which are caused or which may be caused, by a malfunction of such system.

These regulations became effective July 1, 1977. Since that time the second sentence of Section .1910(c) has been found to be nugatory. For this reason, if you desire to file for permission to install an "alternate" system you should present this office with your proposals in the form of plans and specifications. These would be reviewed and if it is found that the system may reasonably be expected to function satisfactorily approval may be given on the execution by you of a "Septic Tank Agreement Form" available in this office.

John R. Atkinson, [illegible]
On Premises Waste Disposal [illegible]

EHD #584

R

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

APPENDIX H
SITE EVALUATION
corrected

APT 14005
TT 217-232-18

(Ground Absorption Sewage Disposal)

OWNER: Harry J. McConnell
ADDRESS: Rt 4 Box 651
COUNTY: Charlotte N.C.
LOCATION OF SITE: Forest Home Rd Lot 71, Section 4B

DATE REQUESTED:
PLAT NO.:
LOT SIZE: 0.51000

FACTORS	AREA 1	AREA 2	AREA 3	AREA 4
1. SLOPE (%)	(S) PS U 8-15%	(S) PS U 2-8%	(S) PS U 2 10%	S PS U +
2. SOIL TEXTURE (12-36 in.) (Sandy, loamy, clayey, Note 2:1, Clay)	S PS 2-1 clay (U)	S PS 2-1 clay (U)	S same (PS) 2-1 clay U	S PS U
3. SOIL STRUCTURE (12.36 in.) (Clayey Soils)	S Massive PS (U)	S (PS) Blocky U	S (PS) Blocky U	S PS U
4. SOIL DEPTH (In.)	S PS 48" (U)	(S) 48" PS U	(S) PS 48" U	S PS U
5. RESTRICTIVE HORIZONS (In.) (Imprevious Strata, Rock)	S Saprolite PS @ 48" (U)	(S) None PS U	(S) None PS U	S PS U
6. SOIL DRAINAGE/GROUNDWATER (External & Internal)	(S) 7+' To PS ground U	S Seasonal perched water (U) Table	(S) 7+' To PS ground U water	S PS U
7. SOIL PERMEABILITY (Percolation Rate)	S PS U.Slow (U)	S PS Slow (U)	S Moderate (PS) To Slow U	S PS U
8. OTHER (Specify)	S PS U	S PS U	S PS U	S PS U
9. SITE CLASSIFICATION	unsuitable	unsuitable →	Provisionally Suitable	
SOIL SERIES	Enon-W. Hills	Helena	Cecil-Helena Intergrade	

S - Suitable PS - Provisionally Suitable U - Unsuitable

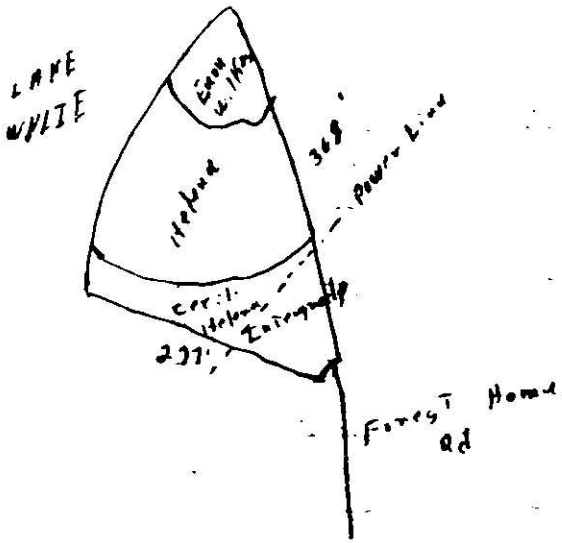
* See Diagram on Back (Include: Soil areas, property lines, roads, streams, gullies, wet areas, fill areas, wells, water bodies, slope patterns, etc)

Recommendations/Comments:

Described By: William R Marlin

Title: Soil Scientist Date: 5-23-88

DHS Form 2604 (2/77)
Sanitation


LAKE
WYLIE
Existing
Wetland
368'
Power Line
Forest Home
Rd

Serial No. 1882

PTR No. 14005

Date Issued 5/23/78

T. C. No. 217-232-18

Map Date 11-9-77

MECKLENBURG COUNTY
DEPARTMENT OF ENVIRONMENTAL HEALTH

SOIL INVESTIGATION REPORT

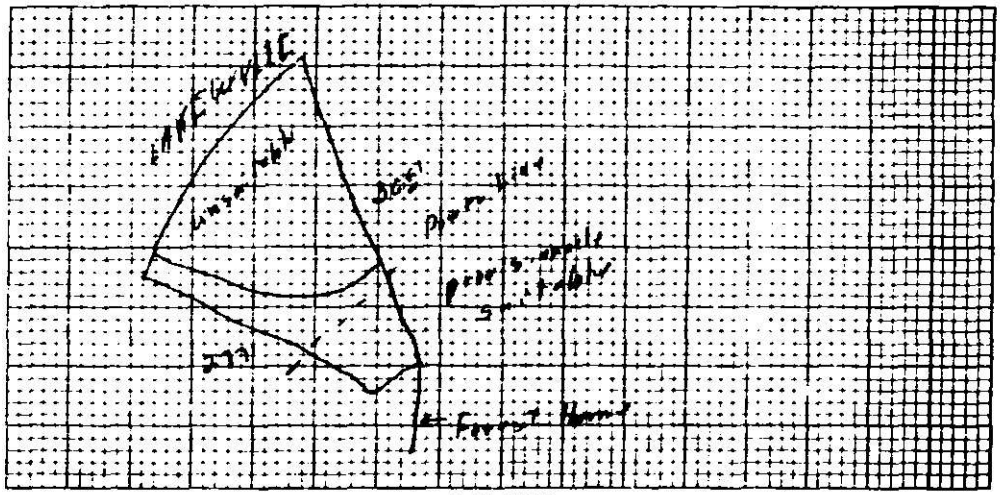
(Corrected) 5/23/78

NAME OF OWNER McConnell, Harry J.
LAST FIRST MIDDLE

ADDRESS OF OWNER Route 6, Box 651, Charlotte, N. C. 28208 ZIP

LOCATION OF PROPERTY Forest Home Road, Lot 71, Section 42
STREET OR COUNTY ROAD

SUBDIVISION LOT NO 71 BLOCK NO Sect. 42



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. **Provisionally Suitable**

The permeability rate determined by the investigation was _____. 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.

William A. Marlin
Soil Scientist

John K. Hutchison
Environmental Health Director or Authorized Section Head

EHD-5-76

Environmental Health Department's Copy

SEE INSTRUCTIONS ON BACK

Date Received Dec 28, 1978

ICAR (S) Application No. 14005

T C No. 217-232-18

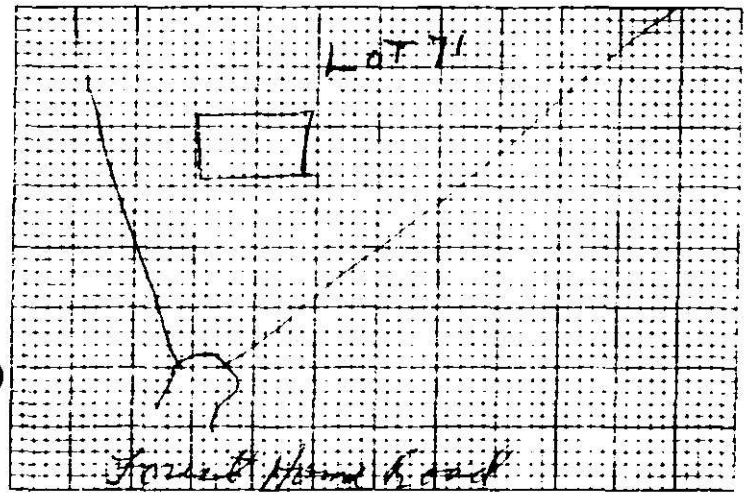
Map Date 11/9/77

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 McConnell (LAST) Harry (FIRST) J. (MIDDLE)

14) ADDRESS OF OWNER Rt 1 - Box 125-E

15) PHONE NO. Home 394-0885 Office _____

16) LOCATION OF SYSTEM Forest Home Road (STREET OR COUNTY ROAD)

17) SUBDIVISION Lake Wylie Lot No. 71 Block No. Sect 42

Map Book No. _____ Page No. _____

18) DEED REFERENCE — DEED BOOK 17 AT PAGE 528

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.

12-23-1978
DATE OF APPLICATION

Harry McConnell
OWNER

EHD-5-76

Environmental Health Department's Copy

Serial No. 2563

LA No. 14005

T. C. No. 217-232-18

Date Issued December 28, 1978

Map Date 11/9/77

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 McConnell, (LAST) Harry (FIRST) J. (MIDDLE)

ADDRESS OF OWNER Rt. 1, Box 125 E (Forest Home Road-lot location) ZIP _____

LOCATION OF LOT Forest Home Road (STREET OR COUNTY ROAD)

SUBDIVISION Lake Wylie LOT NO. 71 BLOCK NO. Sect. 42

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 14005. 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.

Michael A Sexton
Environmentalist

John R Atkisson
Environmental Health Director, or Authorized Section Head

EHD-5-76

Environmental Health Department's Copy

R

Date Issued 29 May 1979

Serial No 2783

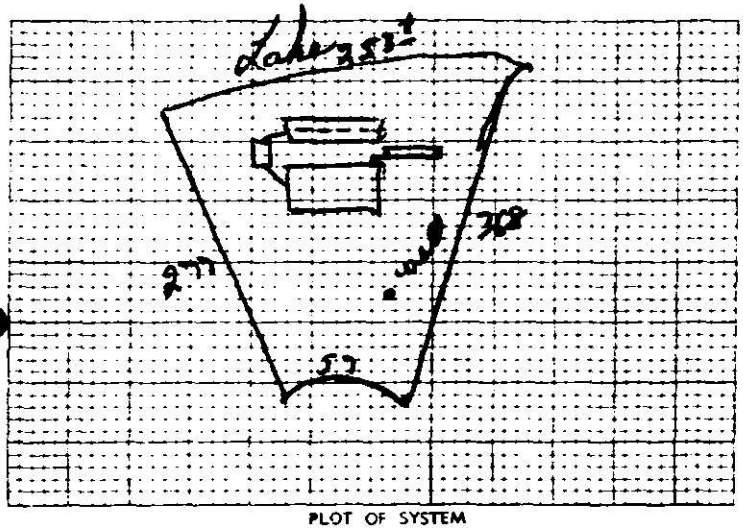
ICAR(S) Permit No. 14005

T C No 817-232-11A

Map Date 11-9-77

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 14005, dated 12-23-79 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 July 79, after which date this permit shall be null and void.



PLOT OF SYSTEM

Permeability Rate per suitable

Liquid Capacity of Tank 1500 gal

Tank Construction pre cast

Absorption and or Nitrification Lines

Total Line Length 330

Number of Lines 4 @ 2

Distance from House 10'

Distance from Property Line 10'

Distance from Well 50'

NAME OF OWNER McConnell, Harry J.

LOCATION OF PROPERTY Forest Home Road Wylie 71-Lot 42

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: 12 x 85 x 12" wash line in bed 6' x 25' x 3'2"

John R Atkinson
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-5-76

Environmental Health Department's Copy

Date Issued 14 June 79

Serial No. 2751

C of A (s) No. 14005

T C No 217-232 / P

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 McConnell, Harry A.
(LAST, FIRST, MIDDLE)

Location of Property Forest Home Rd 71 Lot 2

Application Number _____ Permit Number _____

Inspection Data:

Liquid Capacity of Tank 1500 gal Tank Material pre cast

Total Length of Drain Tile 330 & 100 Number of Lines 4 & 2

Depth of Filter Material 17" & 36" Cover Depth 18"

Water Supply Source well Distance from Water Source 50'

Excavation Inspected — (DATE) Tank Inspected 6-14-79 (DATE)

Nitrification Field Inspected 6-14-79 (DATE)

Washing Machine Line Inspected, If Applicable 6-14-79 (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

John R. Robinson
Sanitarian

EHD-5-76

Environmental Health Department's Copy