Date Received 3-19-84

MECK COUNTY ... RECEIVED MAR 19 1984 ENVIRONMENTAL HEALTH

SIR No. 20809

P.C. No. 227-141-02

Map Date

MECKLENBURG COUNTY
DEPARTMENT OF ENVIRONMENTAL HEALTH

APPLICATION FOR SOIL INVESTIGATION

1) NAME OF OWNER Gino (FIRST) Michael (MIDDLE) Elliott (LAST)

2) ADDRESS OF OWNER 2618 Lawton Bluff Rd Mathews, NC ZIP 28105

3) PHONE NO. Home 704 365 2881 Office 704 287-6428

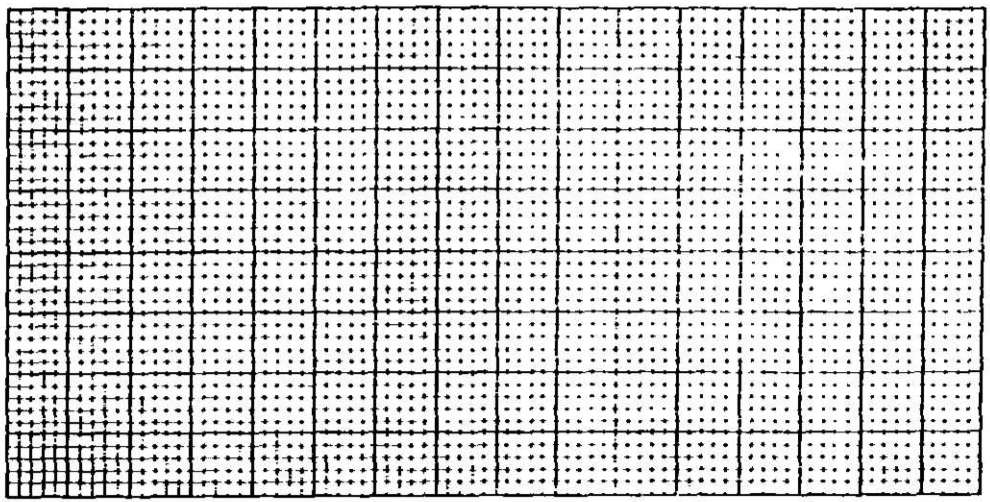
4) LOCATION OF PROPERTY 3107 Anvil Lane (STREET OR COUNTY ROAD)

5) SUBDIVISION Hardware Plantation LOT NO 54 BLOCK NO. E

MAP BOOK NO 32 PAGE NO 403

6) DEED REFERENCE DEED BOOK 3946 PAGE NO 477

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

Gino Michael Elliott
OWNER

EHD-S-76

ENVIRONMENTAL HEALTH DEPARTMENT'S COPY

DEPARTMENT OF ENVIRONMENTAL HEALTH
MECKLENBURG COUNTY, NORTH CAROLINA

SITE EVALUATION

S.I.R. NO. 20819

T.C. NO. PO 227-141-27

(Ground Absorption Sewage Disposal)

OWNER: Michael E. Jones
ADDRESS: 2616 Taunton Bluff Rd Matthews N.C. 28105
LOCATION OF SITE: 3107 Arrol Terr

PLAT NO: Lot 34 BE
LOT SIZE: Approx 43,560

FACTORS	AREA 1	AREA 2	AREA 3	AREA 4
1. SLOPE (%)	S (PS) U — 12-15%	S PS U — complex slopes	S PS U	S PS U
2. SOIL TEXTURE (12-36 inches) Sandy, Loamy, Clayey (Note 2-1 Clay)	S (PS) U — Clay	S PS U	S PS U	S PS U
3. SOIL STRUCTURE (12-36 inches)	S (PS) U — Blocky	S PS U	S PS U	S PS U
4. SOIL DEPTH (inches)	S (PS) U — 36-38"	S PS U	S PS U	S PS U
5. RESTRICTIVE HORIZONS (Inches) (Impervious strata, Rock)	S (PS) U — 730"	S PS U	S PS U	S PS U
6. SOIL DRAINAGE/GROUNDWATER (external and internal)	S (PS) U — 730" to ground water	S PS U	S PS U	S PS U
7. OTHER (Specify)	S PS U — See Sketch	S PS U	S PS U	S PS U
8. SOIL GROUP	IIA	—		
9. SITE CLASSIFICATION	Provisionally Suitable	Unsuitable		
10. SOIL SERIES	Cecil Silt	complex slopes		

S - Suitable PS - Provisionally Suitable U - Unsuitable

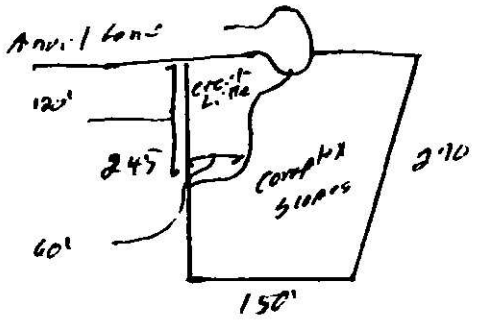
**See Diagram on Back (includes: soil areas, property lines, roads, streams, gullies, wet areas, fill areas, wells, water bodies, slopes)

Recommendations/Comments: Area in right front corner of lot needs to be reserved for drainfield - system may require pump.

Described by: William R. Martin
Title: Soil Scientist

Date: 4/8/84

#


Anvil Lane
120'
245'
60'
Electric Line
Complex Slopes
210'
150'

DEPARTMENT OF ENVIRONMENTAL HEALTH
MECKLENBURG COUNTY, NORTH CAROLINA

SITE EVALUATION

S.I.R. NO. 20809

T.C. NO. 227-141-02

(Ground Absorption Sewage Disposal)

OWNER: Michael E. Fairs
ADDRESS: 2615 Lawyton Bluff Rd 28105
LOCATION OF SITE: Hill Lane

PLAT NO:
LOT SIZE: 43,560 - 1 AC

FACTORS	AREA 1	AREA 2	AREA 3	AREA 4
1. SLOPE (%)	S Complex Slopes PS U	S PS U	S PS U	S PS U
2. SOIL TEXTURE (12-36 inches) Sandy, Loamy, Clayey (Note 2-1 Clay)	S PS U	S PS U	S PS U	S PS U
3. SOIL STRUCTURE (12-36 inches)	S PS U	S PS U	S PS U	S PS U
4. SOIL DEPTH (inches)	S PS U	S PS U	S PS U	S PS U
5. RESTRICTIVE HORIZONS (Inches) (Impervious strata, Rock)	S PS U	S PS U	S PS U	S PS U
6. SOIL DRAINAGE/GROUNDWATER (external and internal)	S PS U	S PS U	S PS U	S PS U
7. OTHER (Specify)	S PS U	S PS U	S PS U	S PS U
8. SOIL GROUP				
9. SITE CLASSIFICATION	Unsuitable Complex Slopes			
10. SOIL SERIES	NCecil Appalachian			

S - Suitable PS - Provisionally Suitable U - Unsuitable

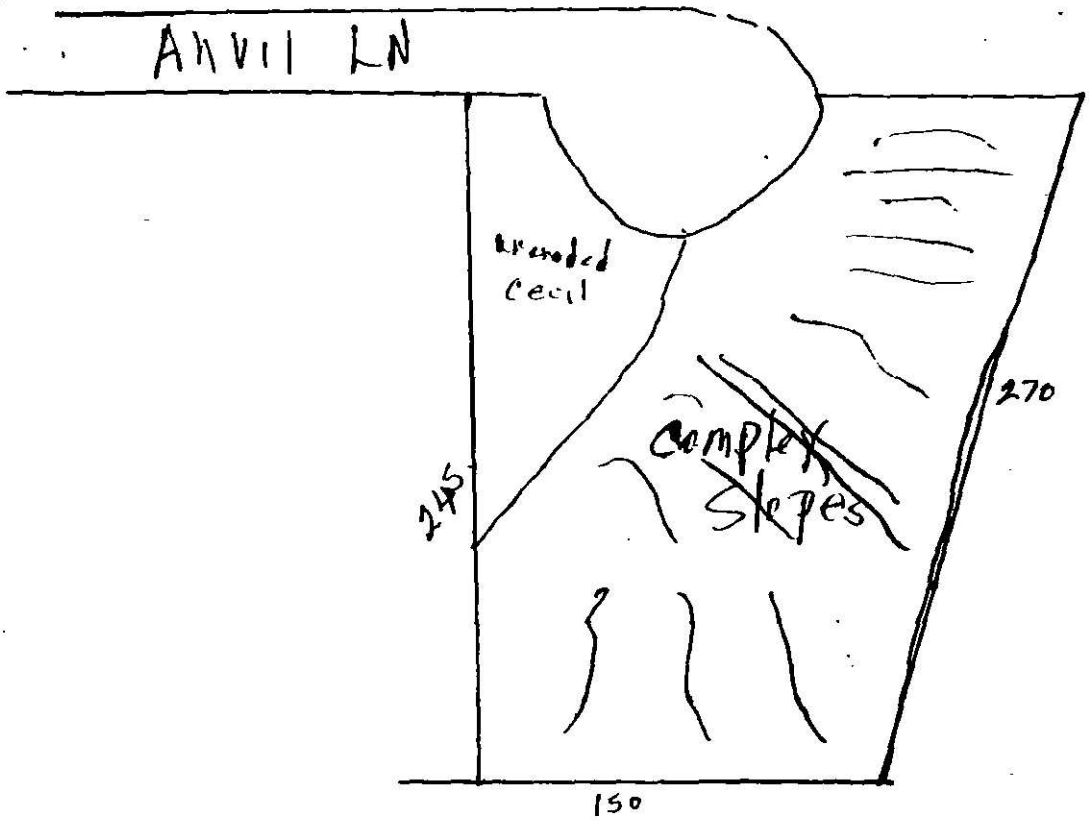
**See Diagram on Back (includes: soil areas, property lines, roads, streams, gullies, wet areas, fill areas, wells, water bodies, slopes)

Recommendations/Comments:

Described by: W. B. Ramsey
Title: Sanitarian

Date: 3-29-84

EHD 539 (Revised: 6/82)


ANVIL LN
Eroded Cecil
270
Complex Slopes
245
150

Serial No. 5693

SIR No. 20809

T. C. No. PO 227-141-02

Date Issued 4-18-84

Map Date

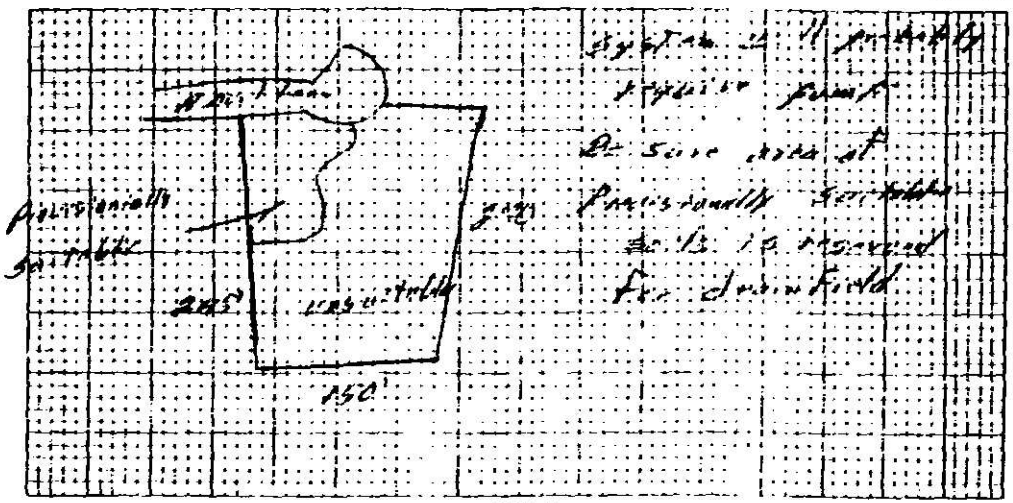
MECKLENBURG COUNTY
DEPARTMENT OF ENVIRONMENTAL HEALTH
SOIL INVESTIGATION REPORT

NAME OF OWNER Gins, Michael E. (LAST / FIRST / MIDDLE)

ADDRESS OF OWNER 2618 Lawton Bluff Road, Matthews, N. C. ZIP 28105

LOCATION OF PROPERTY 3107 Anvil Lane (STREET OR COUNTY ROAD)

SUBDIVISION Providence Plantation LOT NO 34 BLOCK NO. E



PLOT PLAN

This is to certify that a soil investigation and on-site evaluation was made by the Mecklenburg County Department of Environmental Health on the lot described above. The soil investigation was conducted on that portion of the lot as indicated on the above plot **provisionally**

The permeability rate determined by the investigation was **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 the wastewater treatment system must be obtained from the Mecklenburg County Department of Environmental Health prior to the installation of the wastewater treatment system on the said lot.
2. The size of the septic tank and the total square footage of the absorption area must be determined by the Mecklenburg County Department of Environmental Health at the time application is made for a permit and on the size and type of building proposed to be served.
3. This approval is only for the location shown on the above plot. Any proposed system installation in the above plot
4. This approval is [illegible] in the [illegible] system installation [illegible] acceptable for system installation [illegible]

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 at 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. Marlow
EHD-5-76 Soil Scientist

John R. Adkisson
Environmental Health Director or
Authorized Section Head

Environmental Health Systems Co.

Date Received 3-19-84

MECKLENBURG COUNTY DEPARTMENT OF ENVIRONMENTAL HEALTH RECEIVED MAR 19 1984 JUN 2 0 1984

ICARUS Application No. 20809

T. C. No. 227-141-02

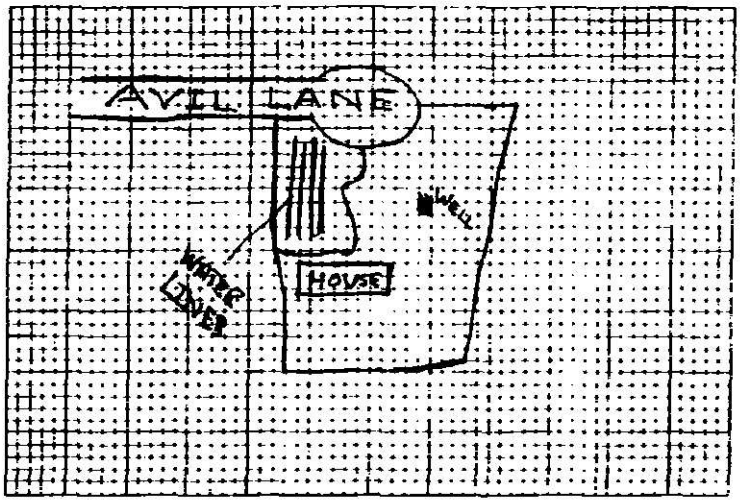
Map Date E

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



31 PLOT PLAN (ACCURATELY DIMENSIONED)

Mobile Home ___ Yes ___ No
Residence ✓ Yes ___ No
4) No of Bedrooms 4
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) IHA Case No ___
12) SA Case No ___

13) NAME OF OWNER Gus Michael Elliott (LAST FIRST MIDDLE)

14) ADDRESS OF OWNER 2618 Lawyers Bluff Rd Matthews, NC

15) PHONE NO. Home 704 366 2881 Office 704 289-6428

16) LOCATION OF SYSTEM 4137 Avil Lane (STREET OR COUNTY ROAD)

17) SUBDIVISION Providence Plantation Lot No. 34 Block No. E

Map Book No. 52 Page No. 543

18) DEED REFERENCE — DEED BOOK 3754 AT PAGE 277

19) HAS A SOIL INVESTIGATION BEEN RUN? ✓ YES ___ NO DATE RUN 4/18/84

20) PTR NUMBER (See Instructions) 20809

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.

3/12/84 4/19/84
DATE OF APPLICATION

Gus Michael Elliott
OWNER

EHD-5-76

ENVIRONMENTAL HEALTH DEPARTMENT'S COPY

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

SIR. NO. 20809
T.C. NO. 227-141-02
DATE: 4-2-84

Michael E. Gins
2618 Lawton Bluff Road
Matthews, NC 28105

RE: Property located at Anvil Lane, Lot 34, Blk. E

Dear Mr. Gins:

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.
Environmental Health Supervisor

BDH/kbg

Enclosure

Date Issued 8-22-84 Serial No. 7785 SIR No. 20809

T. C. No. 227-144-02

Map Date L, CRT

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 Gins (LAST) Michael (FIRST) Elliott (MIDDLE)

ADDRESS OF OWNER 2618 Lawton Bluff Rd., Matthews, NC ZIP 28105

LOCATION OF LOT 3107 Anvil Lane (STREET OR COUNTY RD. #)

SUBDIVISION Providence Plantation LOT NO. 34 BLOCK NO.

MAP BOOK NO. 20 PAGE NO. 343

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, 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.

Kelly Ridell
Environmentalist

William B. Ramsey
Environmental Health Director, or Authorized Section Head

EHD-5-76

Environmental Health Department's Copy

Serial No. 07996

ICAR (S) Permit No. 20809

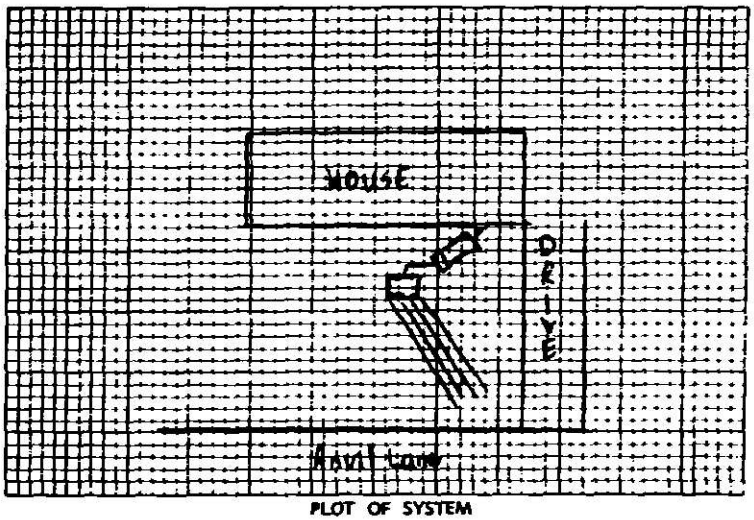
Date Issued 3/21/85

T. C. No. 227-141-02

Map Date C

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 20809, dated 4/18/84 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 4/21/85, after which date this permit shall be null and void.



PLOT OF SYSTEM

Permeability Rate PS

Liquid Capacity of Tank 1500

Tank Construction PCC

Absorption and/or Nitrification Lines

Total Line Length 400'

Number of Lines 4

Distance from House 5'

Distance from Property Line 10'

Distance from Well 80'

NAME OF OWNER Gins, Michael E.

LOCATION OF PROPERTY 3107 Anvil Lane

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.

4 Trenches x 3' x 100' x 12" stone with gradeboards and straw as cover

Comments

Division or Section Head

Cynthia G. Bass
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.

BHD-5-76

Environmental Health Department's Copy

L

C of A (s) No. 20809

Date Issued 3/29/85 **Serial** 7375 T. C. No. 227-141-02

L CRT

MECKLENBURG COUNTY
DEPARTMENT OF ENVIRONMENTAL HEALTH

CERTIFICATE OF COMPLETION

CERTIFICATE OF APPROVAL

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

Name of Owner Gins (LAST) Michael (FIRST) E. (MIDDLE)

Location of Property 3107 Anvil Lane

Application Number 20809 Permit Number 20809

Inspection Data:

Liquid Capacity of Tank 1500 gal Tank Material PCC

Total Length of Drain Tile 400' Number of Lines 4

Depth of Filter Material 12" Cover Depth 2'

Water Supply Source well Distance from Water Source 80'

Excavation Inspected 3/27/85, 3/29/85 (DATE) Tank Inspected 3/29/85 (DATE)

Nitrification Field Inspected 3/27/85, 3/29/85 (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 Slagle

Cynthia G. Bass
Environmentalist

EHD-S-76

Environmental Health Department's Copy