MECK COUNTY DEPARTMENT OF
RECEIVED 8-9-82
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ENVIRONMENTAL HEALTH

MECK COUNTY DEPARTMENT OF
RECEIVED
AUG 9 19[illegible]
ENVIRONMENTAL HEALTH

SIR No. 18916 ✓

T. C. No. 007-111-09

Map Date _____

MECKLENBURG COUNTY
DEPARTMENT OF ENVIRONMENTAL HEALTH

APPLICATION FOR SOIL INVESTIGATION

1) NAME OF OWNER JULIAN, GEORGE BARRETT (LAST, FIRST, MIDDLE)

2) ADDRESS OF OWNER RT 2 Box 433A, HUNTERSVILLE ZIP 28078

3) PHONE NO. Home 892-0497 Office 892-7100

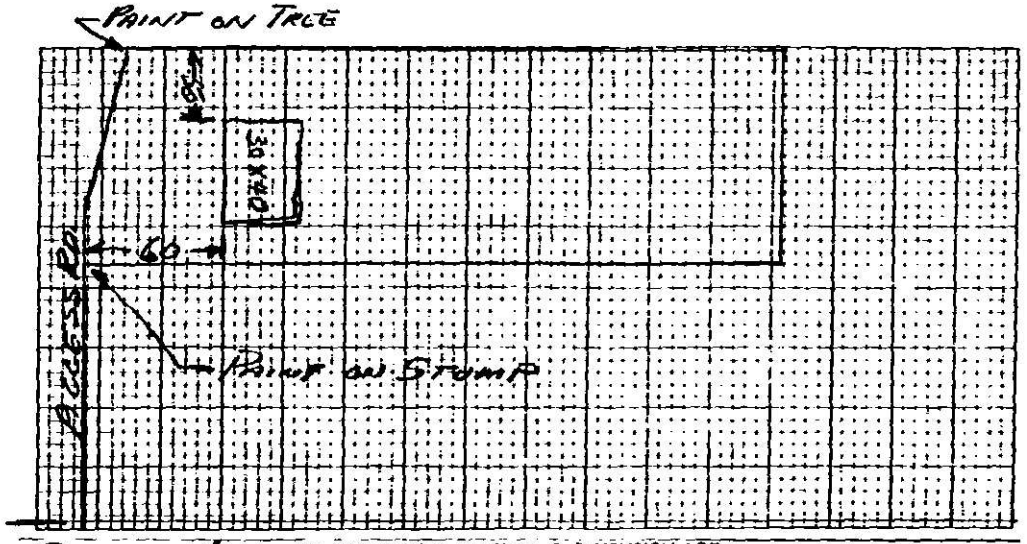
4) LOCATION OF PROPERTY BAILEY ROAD 12301 (STREET OR COUNTY ROAD)

5) SUBDIVISION _____ LOT NO 007-111-09 BLOCK NO. 1

MAP BOOK NO _____ PAGE NO. 11

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

G. Barrett Julian
OWNER

EHD-5-76

Environmental Health Department's Copy

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

S.I.R.# 18916

T.C.# 007-111-09

DATE: 8-12-82

NAME OF OWNER: Julian, George Barrett

ADDRESS OF OWNER: Rt. 2, Box 437-A, Huntersville, NC 28078

LOCATION OF LOT: 12301 Bailey Road

As determined under the Rules and Regulations promulgated by the Commission for Health Services, Division of Health Services, North Carolina Department of Human Resources, Raleigh, North Carolina, the soils on the lot described above were found to be unsuitable for the installation of an individual septic tank - soil absorption system, due to the following reason:

SOIL TEXTURE (2-1 clay)	UNSUITABLE
SOIL DEPTH (variable)	UNSUITABLE
RESTRICTIVE HORIZONS (20" or less)	UNSUITABLE
SOIL DRAINAGE/GROUNDWATER	UNSUITABLE

Mike Sexton

Michael A. Sexton
Environmentalist
On Premises Waste Disposal Section

DEPARTMENT OF ENVIRONMENTAL HEALTH
MECKLENBURG COUNTY, NORTH CAROLINA

SITE EVALUATION

S.I.R. NO. 1896

T.C. NO. PO 007-111-09

(Ground Absorption Sewage Disposal)

OWNER: George B. Julian
ADDRESS: Rt. 2, Box 437A Huntersville N.C.
LOCATION OF SITE: off Bailey Rd

PLAT NO:
LOT SIZE: Approx 2.5 acres

FACTORS	AREA 1	AREA 2	AREA 3	AREA 4
1. SLOPE (%)	S (PS) 2-10% U	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) 2-1 clay	S PS (U) 2-1 clay	S PS U	S PS U
3. SOIL STRUCTURE (12-36 inches)	S (PS) weak blocky U	S (PS) weak blocky U	S PS U	S PS U
4. SOIL DEPTH (inches)	S PS (U) 6-20" variable	S PS (U) 6-20" variable	S PS U	S PS U
5. RESTRICTIVE HORIZONS (Inches) (Impervious strata, Rock)	S saprolite PS @ (U) 20" or less	S PS (U) saprolite 20" or less	S PS U	S PS U
6. SOIL DRAINAGE/GROUNDWATER (external and internal)	S potential PS lateral (U) water movement	S PS (U) Eroded Areas channel water	S PS U	S PS U
7. OTHER (Specify)	S PS U	S PS U	S PS U	S PS U
8. SOIL GROUP	IVB	IVB		
9. SITE CLASSIFICATION	unsuitable	unsuitable		
10. SOIL SERIES	Wilkes	Eroded 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)

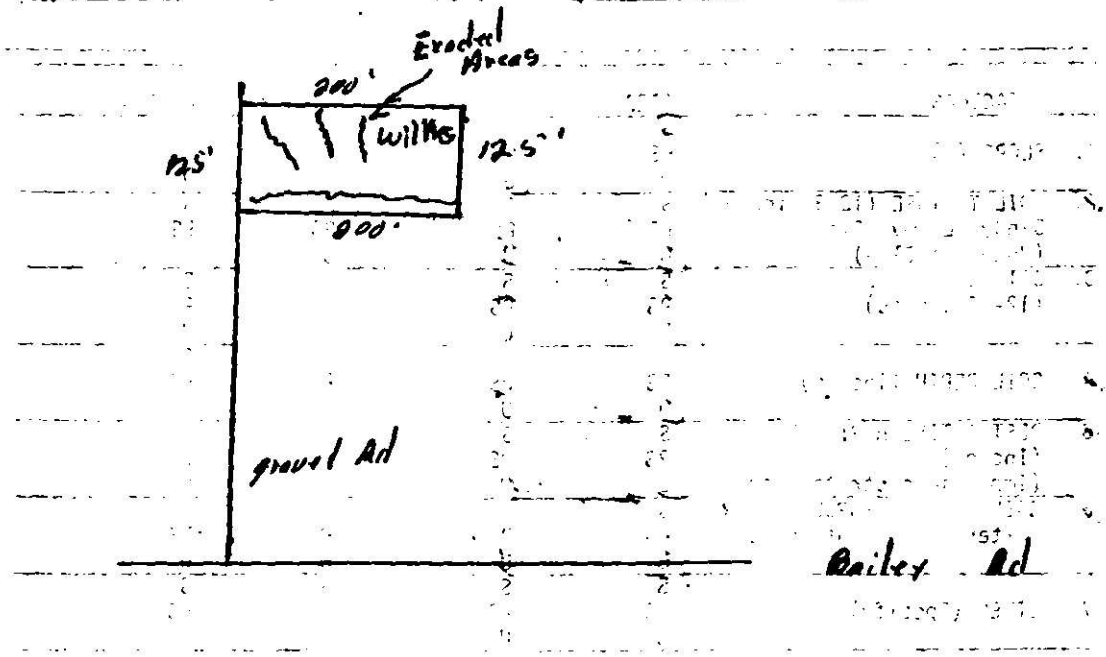
Recommendations/Comments:

Described by: William R. Marlin
Title: Soil Scientist

Date: 8-11-82

EHD 539 (Revised: 6/82)

2


Eroded Areas
200'
Willow
125'
125'
200'
gravel Rd
Bailey 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

S.I.R.# 18916

T. C.# 007-111-09

DATE: 10-18-82

NAME OF OWNER: Julian, George Barrett

ADDRESS OF OWNER: Rt. 2, Box 437-A, Huntersville, NC 28078

LOCATION OF LOT: 12301 Bailey Road

As determined under the Rules and Regulations promulgated by the Commission for Health Services, Division of Health Services, North Carolina Department of Human Resources, Raleigh, North Carolina, the soils on the lot described above were found to contain a limited area of provisionally suitable soil. Please submit plot plans of proposed construction, well, and septic tank system.

Mike Sexton

Michael A. Sexton
Environmentalist
On Premises Waste Disposal Section

DEPARTMENT OF ENVIRONMENTAL HEALTH
MECKLENBURG COUNTY, NORTH CAROLINA

SITE EVALUATION

S.I.R. NO. 18916

T.C. NO. Co 107-111-29

(Ground Absorption Sewage Disposal)

OWNER: George B. Julian
ADDRESS: Rt 2, Box 432B Huntersville, NC
LOCATION OF SITE: off Bailey Rd

PLAT NO:
LOT SIZE: Approx 30,000 sq ft

FACTORS	AREA 1	AREA 2	AREA 3	AREA 4
1. SLOPE (%)	S (PS) 2-10% U	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) clay U	S (PS) clay U	S PS U	S PS U
3. SOIL STRUCTURE (12-36 inches)	S (PS) Blocky U	S (PS) Blocky U	S PS U	S PS U
4. SOIL DEPTH (inches)	S (PS) 36-40" U	S PS (U) Depth Variable	S PS U	S PS U
5. RESTRICTIVE HORIZONS (Inches) (Impervious strata, Rock)	(S) None PS U	(S) None PS U	S PS U	S PS U
6. SOIL DRAINAGE/GROUNDWATER (external and internal)	(S) 74" to ground water PS U	S Eroded Areas / channel water PS (U)	S PS U	S PS U
7. OTHER (Specify)	S Limited Area PS (U)	S PS U	S PS U	S PS U
8. SOIL GROUP	IVA	IVA		
9. SITE CLASSIFICATION	unsuitable	unsuitable		
10. SOIL SERIES	Cecil	Eroded complex slopes		

S - Suitable PS - Provisionally Suitable U - Unsuitable

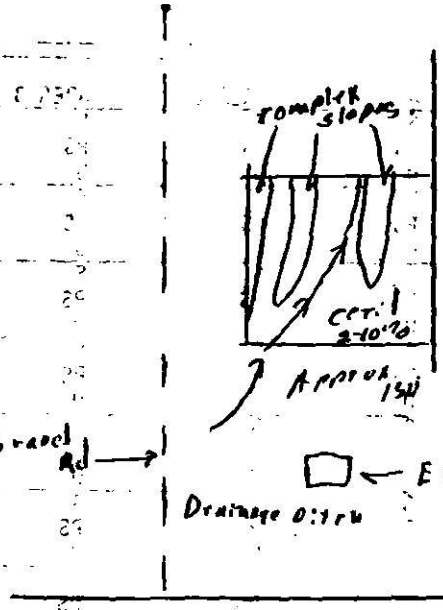
**See Diagram on Back (includes: soil areas, property lines, roads, streams, gullies, wet areas, fill areas, wells, water bodies, slopes)

Recommendations/Comments:

Described by: William R. Martin
Title: Soil Scientist

Date: 10-18-82

EHD 539 (Revised: 6/82)


Complex Slopes
Approx 2nd
Approx 1st
Gravel Rd
Existing Brick House
Drainage Ditch
Bailey Rd

BI. 10-28-82

Serial No. 6005

SIR No. 18916

Date Issued 10-28-82

T. C. No. PO 007-111-09

Map Date

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 Julian, (LAST) George (FIRST) Barrett (MIDDLE)

ADDRESS OF OWNER Rt. 2, Box 437-A, Huntersville, NC ZIP 28078

LOCATION OF LOT 12309 Bailey Road (STREET OR COUNTY ROAD)

SUBDIVISION _____ LOT NO._____ 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 18916. 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.

Mike Sexton

Environmentalist

Environmental Health Director, or Authorized Section Head

EHD-S-76

Environmental Health Department's Copy

SEE INSTRUCTIONS ON BACK

Date Received 10-28-82

ICAR(S) Application No. 18916

P.O. T. C. No. 007-111-09

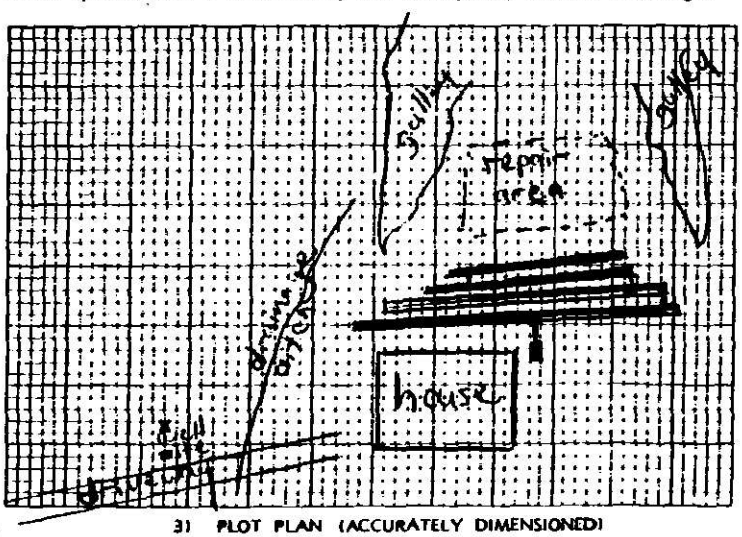
Map Date

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. ___

To Bailey Road

13) NAME OF OWNER Julian (LAST) George (FIRST) Barrett (MIDDLE)

14) ADDRESS OF OWNER Rt. 2 Box 432-D Huntersville, NC

15) PHONE NO. Home 892-0471 Office 542-7100

16) LOCATION OF SYSTEM 12304 Bailey Rd (STREET OR COUNTY ROAD)

17) SUBDIVISION ___ Lot No. ___ Block No. ___

Map Book No. ___ Page No. ___

18) DEED REFERENCE — DEED BOOK ___ AT PAGE ___

19) HAS A SOIL INVESTIGATION BEEN RUN? ✓ YES ___ NO DATE RUN 10/18/82

20) PTR NUMBER (See Instructions) 18916

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.

✓ 10-21-82
DATE OF APPLICATION

✓ George Barrett Julian
OWNER

EHD-S-76 ENVIRONMENTAL HEALTH DEPARTMENT'S COPY

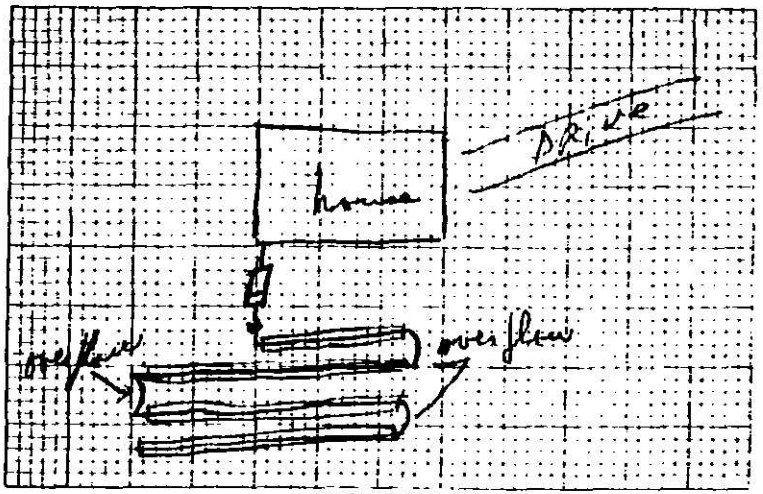
Date Issued 9-16-83 Serial No. 6614 ICAR(S) Permit No. 18916

P.C. No. 007-111-09

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 18916 dated 10-21-82 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 10-16-83, after which date this permit shall be null and void.



PLOT OF SYSTEM

Permeability Rate P.S.

Liquid Capacity of Tank 1500 gal

Tank Construction g/c Concrete

Absorption and or Nitrification Lines

Total Line Length 200'

Number of Lines 4

Distance from House 5'+

Distance from Property Line 10'+

Distance from Well 50'+

NAME OF OWNER George B. Julian

LOCATION OF PROPERTY 1239 Barley Rd.

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: 3' wide x 12" stone x as many trenches as needed to total 200' of line on 9' centers

Division or Section Head

Environmentalist R. Phelps.

* 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

1-23-84

C of A (s) No. 18916

Date Issued 1-20-84 Serial 6379 T. C. No. 007-111-09

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 JULIAN (LAST), GEORGE (FIRST) (MIDDLE)

Location of Property 12309 BAILEY RD

Application Number 18916 Permit Number 18916

Inspection Data:

Liquid Capacity of Tank 1500 gal Tank Material Pre Cast Concrete

Total Length of Drain Tile 200 lin FT Number of Lines Three

Depth of Filter Material 12 inches Cover Depth 12 inches

Water Supply Source well Distance from Water Source 100FT

Excavation Inspected 1-20-84 (DATE) Tank Inspected 1-20-84 (DATE)

Nitrification Field Inspected 1-20-84 (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: Three Trenches was Tested 67 FT each with Three way flows

Ralph Wilkes

Environmentalist

EHD-S-76

ENVIRONMENTAL HEALTH DEPARTMENT'S COPY