SOIL INVESTIGATION REPORT

Date of Investigation May 20, 1977 APT NO. 12355

Owner J. R. Bastle

Location of Property Natalie Rd. Taxcode No. 001-091-26 lot NO. 22

Soil Suitability Ratings

Soil Properties	Soil 1	Soil 2	Soil 3	Soil 4
1. Soil Series	Cecil		HELENA	
2. Soil Slope	Suitable 2-6%		Suitable 2-6%	
3. Soil Depth	Suitable >48"		Suitable >48"	
4. Soil Texture	provisionally Suitable Clay		unsuitable Silt clay	
5. Soil Structure	provisionally suitable blocky		unsuitable massive	
6. Restrictive Horizons	—		—	
7. Soil Drainage	Suitable water table >6'		unsuitable perched high water table	
8. Soil Permeability (Percolation Rate)	provisionally Suitable 60 min/in		unsuitable Varies from >120 min/in	
9. Other	60 min/in. —		—	
10. Overall Rating	provisionally suitable		unsuitable	

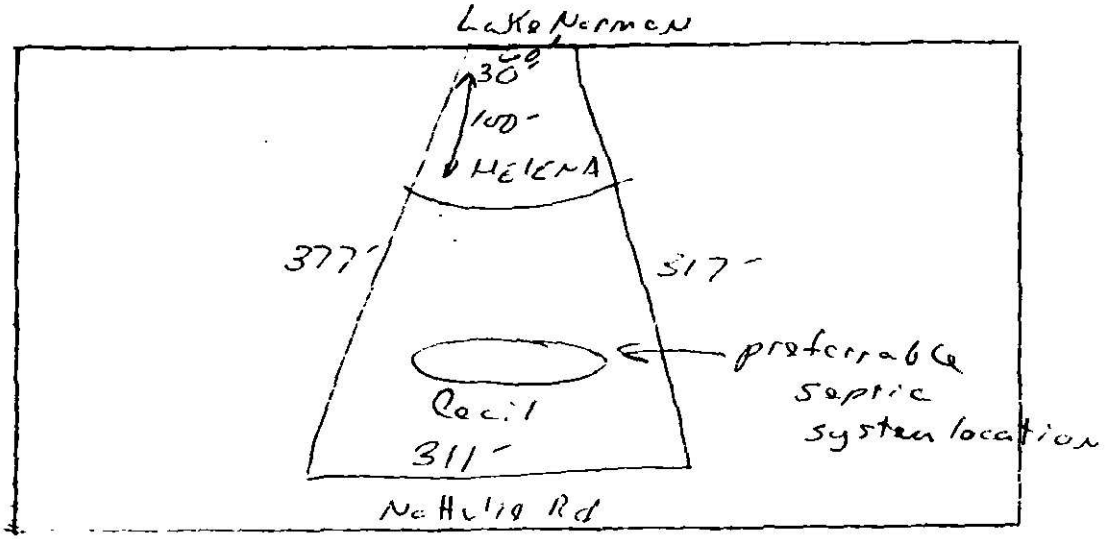
Recommendations Based on this investigation, the lot was found to have an acceptable area of provisionally suitable soils for installation of a septic tank system. System design should be based on a percolation rate of 60 min/in. and should be placed in the area of Cecil soils.

See Health Department

[illegible] Edward Grant
[illegible]

3/15/75
R.D. 339

DIAGRAM OF PROPERTY



3/18/75
EHD 539

Date Received _____

MECK COUNTY DEPARTMENT OF
RECEIVED
MAY 9 1977
ENVIRONMENTAL HEALTH

APT No. 12355

T. C. No. 001-091-26

Map Date 8-25-1966

MECKLENBURG COUNTY
DEPARTMENT OF ENVIRONMENTAL HEALTH

APPLICATION FOR SOIL INVESTIGATION

1) NAME OF OWNER Bustle (LAST) Johnny (FIRST) Ray (MIDDLE)

2) ADDRESS OF OWNER P O Box #21 Cornelius NC ZIP 28031

3) PHONE NO. Home 892-7801 Office 716

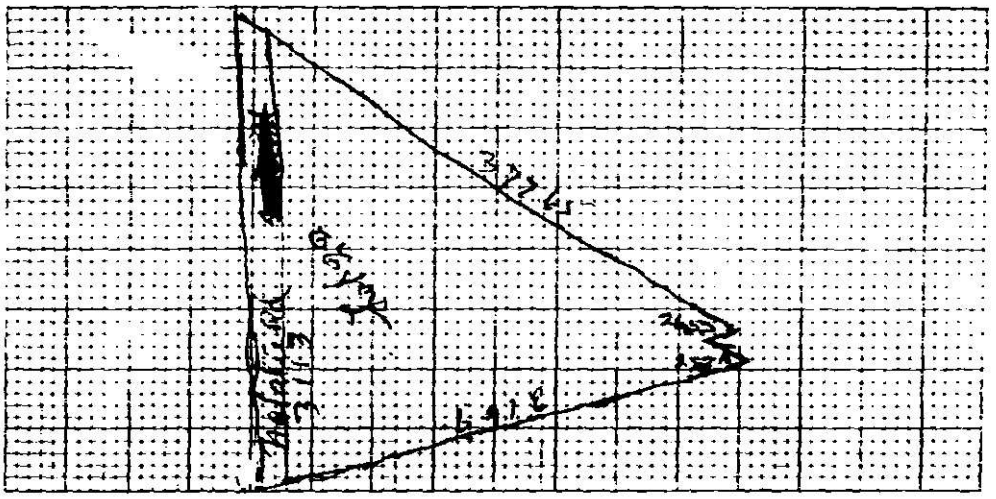
4) LOCATION OF PROPERTY Mecklenburg County on Hwy 21 (STREET OR COUNTY ROAD) 3 1/2 mi to Bailey Rd Turn Left

5) SUBDIVISION Linda Acres / LOT NO 22 BLOCK NO. _____

MAP BOOK NO _____ PAGE NO. _____

6) DEED REFERENCE DEED BOOK #14 PAGE NO 331

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

J R Bustle
OWNER

EHD-5-76

Environmental Health Department's Copy

Serial No. 0835

PTR No. 12355
001-091-26

Date Issued 5/27/77

T. C. No. 8-28-68

Map Date

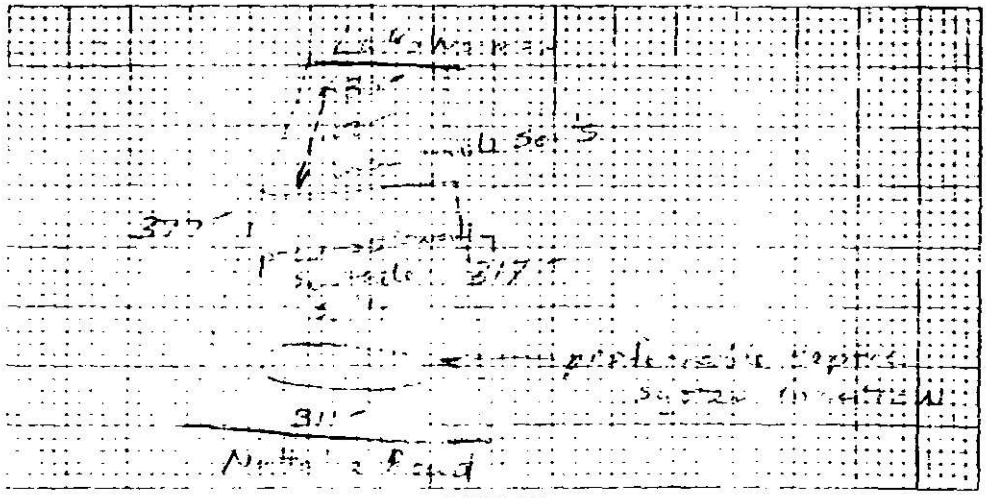
MECKLENBURG COUNTY
DEPARTMENT OF ENVIRONMENTAL HEALTH
SOIL INVESTIGATION REPORT

NAME OF OWNER Bustle, (LAST) Johnny (FIRST) Ray (MIDDLE)

ADDRESS OF OWNER P. O. Box 21, Corneluis, N. C. ZIP 28031

LOCATION OF PROPERTY Meta Road (STREET OR COUNTY ROAD)

SUBDIVISION Diana Shores LOT NO 22 BLOCK NO.



LOT PLAN

[illegible] Provisionally Suitable
60Min/In.

[illegible] said lot is approved [illegible] with subsurface soil ab-

[illegible] Mecklenburg County Depart- [illegible] wastewater treatment [illegible]

2. [illegible] the Mecklenburg [illegible] signed above or [illegible]

3. [illegible] for system installation [illegible]

4. [illegible] performed in the lot which [illegible] Department of Environmental Health [illegible] as acceptable for [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 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.

[signature] Soil Scientist

[signature] Environmental Health Director or Authorized Section Head

EHD-5-76

Environmental Health Department's Copy

Date Received 11-2-78 Apt. No. (S) _____ Application No. (W) 12355

T. C. No. 001-091-26

Map Date _____

MECKLENBURG COUNTY
DEPARTMENT OF ENVIRONMENTAL HEALTH

APPLICATION FOR WELL WATER SUPPLY PERMIT

NAME OF OWNER COATES (LAST), JAMES (FIRST) A. (MIDDLE)

ADDRESS OF OWNER RT. # 2 HUNTERSVILLE - NATALIE RD ZIP 28078

PHONE NO. Home 892-1993 Office 554-1508

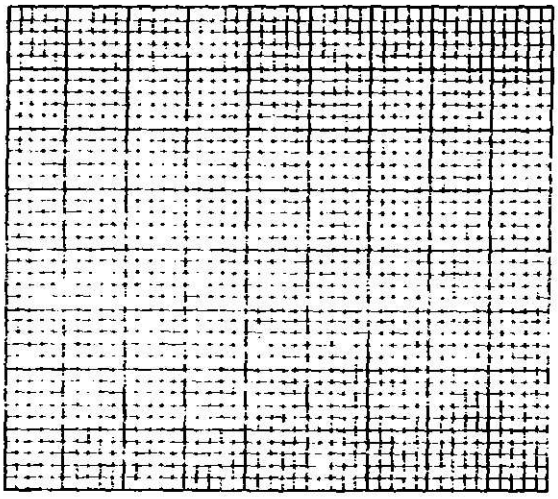
LOCATION OF PROPERTY 19513 NATALIE ROAD (STREET OR COUNTY ROAD)

WELL CONTRACTOR McCALL OF STEWART 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.

NOV. 2, 1978
DATE OF APPLICATION

J. A. Coates
OWNER



ACCURATELY DIAGRAM & DIMENSION LOT

Remarks

Application approved and permit hereby granted

Permit No. _____

Marshall Edwards
ENVIRONMENTALIST

Environmental Health Department's Copy

SEE INSTRUCTIONS ON BACK

Date Received 11-2-78

ICAR(S) Application No. 12355

T. C. No. 001-091-26

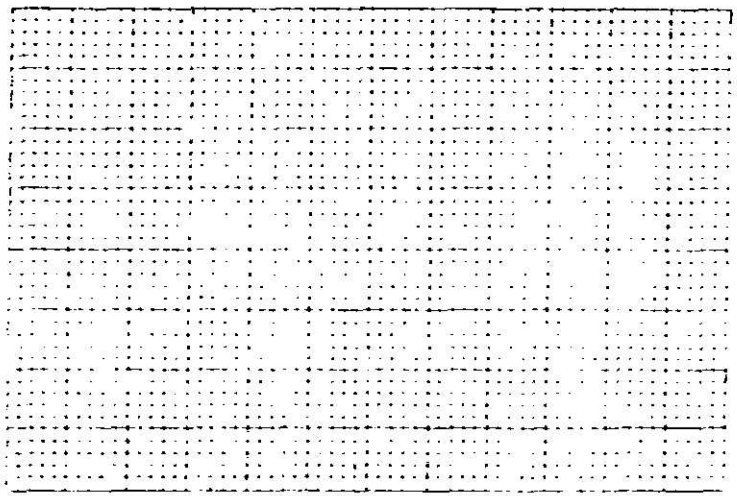
Map Date _____

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) X 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 X Yes _____ No
4 No of Bedrooms 3
5 Swimming Pool Max No
Emptying _____
6 Washing Machine X Yes _____ No
Garbage Disposal X Yes _____ No
7 Dishwasher X Yes _____ No
8 Water Supply
Approved Individual Well X
Governmental System _____
Community System
Well Source _____
Governmental Source _____
9 Sewage System
Property Located within 200 feet of public sewer _____ Yes X No
Property located within 200 feet of community sewer _____ Yes X No
Septic Tank Case No _____
LA Case No _____

13) NAME OF OWNER COATES (LAST), JAMES (FIRST), A. (MIDDLE)

14) ADDRESS OF OWNER RT. # 2 - 19513 NATALIE RD. - HUNTERSVILLE

15) PHONE NO Home 892-1993 Office 554-1508

16) LOCATION OF SYSTEM 19513 NATALIE RD. (STREET OR COUNTY ROAD)

17) SUBDIVISION J.R. BUSTLE PROP. Lot No 22 Block No _____

Map Book No 14 Page No. 331

18) DEED REFERENCE — DEED BOOK _____ AT PAGE _____

19) HAS A SOIL INVESTIGATION BEEN RUN? X YES NO DATE RUN 5-20-77

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.

Nov. 2, 1978
DATE OF APPLICATION

J.A. Coates
OWNER

EHD-5-76

Environmental Health Department's Copy

Serial No. 2389

LA No. 12355

Date Issued November 2, 1978

T. C. No. 001-091-26

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 Coates (LAST) James (FIRST) A. (MIDDLE)

ADDRESS OF OWNER Route 2, Box Huntersville, NC ZIP 28078

LOCATION OF LOT 19513 Natalie Road (Previously Meta Road) (STREET OR COUNTY ROAD)

SUBDIVISION _____ LOT NO. 22 BLOCK NO. _____

MAP BOOK NO. 14 PAGE NO. 331

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 12355. 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 R. Atkinson
Environmental Health Director, or Authorized Section Head

EHD-5-76

Environmental Health Department's Copy

Date Issued 4-6-79

Serial No. 2509

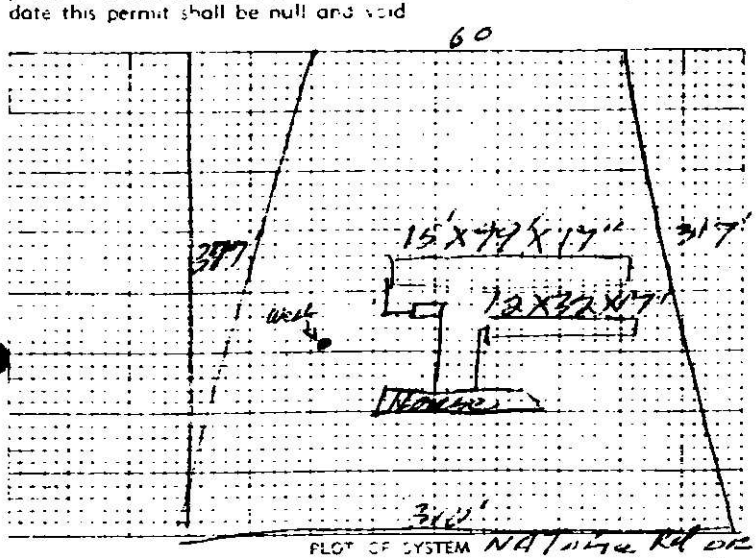
ICAR(S) Permit No. 12355

T. CAR 091-84

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 12355, dated 11-2-78, and this permit shall be void and of no effect if the information provided in the application is not true or is otherwise. All work shall be completed on or before 5-6-79, after which date this permit shall be null and void



PLOT OF SYSTEM NATALIE RD OR MOTA RD

Permeability Rate [redacted] P/S

Liquid Capacity of Tank 1500

Tank Construction PC

Absorption and or Nitrification Lines

Total Line Length 495-125

Number of Lines 5-4

Distance from House 10'+

Distance from Property Line 10'+

Distance from Well 50'+

NAME OF OWNER JAMES A COATES

LOCATION OF PROPERTY NATALIE RD OFF MOTA 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

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 4-6-79

Serial No. 2434

C of A (s) No 12355

T. C. No 81-091-2

MECKLENBURG COUNTY
DEPARTMENT OF ENVIRONMENTAL HEALTH

ENVIRONMENTAL HEALTH DIVISION

IMPROVEMENT PERMIT

CERTIFICATE OF APPROVAL

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

Name of Owner Cortes (LAST) James (FIRST) A (MIDDLE)

Location of Property Natalie Rd off Metra Rd

Application Number 12355 Permit Number 12355

Inspection Data:

Liquid Capacity of Tank 1500 Tank Material S/C

Total Length of Drain Tile 495'-135' Number of Lines 5-4

Depth of Filter Material 14" Cover Depth 30"

Water Supply Source Well Distance from Water Source 50'+

Excavation Inspected 4-6-79 (DATE) Tank Inspected 4-6-79 (DATE)

Nitrification Field Inspected 4-6-79 (DATE)

Washing Machine Line Inspected, If Applicable 4-6-79 (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 as 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

Marshall Edwards
Environmentalist

EHD-5-76

Environmental Health Department's Copy