Date Received 8/9/79

MECK COUNTY DEPARTMENT OF
RECEIVED
AUG 6 1979
ENVIRONMENTAL HEALTH

APT No. 16039

T. C. No. 091-103-

Map Date

MECKLENBURG COUNTY
DEPARTMENT OF ENVIRONMENTAL HEALTH

APPLICATION FOR SOIL INVESTIGATION

1) NAME OF OWNER Reeves (LAST) Roy (FIRST) Vonnie (MIDDLE) and wife Carole

2) ADDRESS OF OWNER Rt. 14 Box 300 Charlotte ZIP 28208

3) PHONE NO. Home 394-1905 Office 399-5618

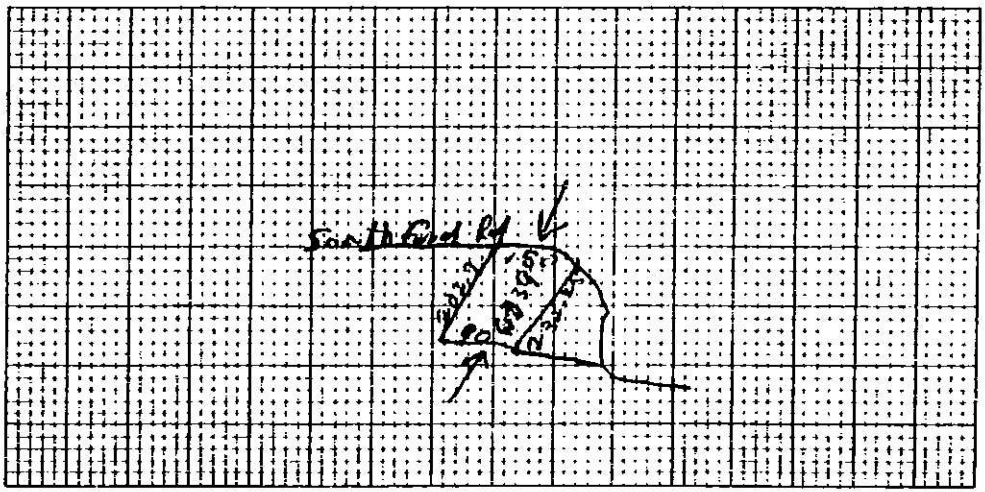
4) LOCATION OF PROPERTY South Ford Rd. (STREET OR COUNTY ROAD)

5) SUBDIVISION Five Island LOT NO 47 BLOCK NO. 4

MAP BOOK NO 14 PAGE NO 265

6) DEED REFERENCE DEED BOOK 3301 PAGE NO 489 Lot 39

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

Vonnie Reeves
OWNER

EHD-5-76

Environmental Health Department's Copy

Anne l

S. I. R. NO. 16039

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

APPENDIX II
SITE EVALUATION

T. C. # 031-103-39

(Ground Absorption Sewage Disposal)

OWNER: Roy Reeves
ADDRESS: R-14 Box 300
COUNTY: Charlotte 28208
LOCATION OF SITE: Southford Rd Lot 47

DATE REQUESTED: 8-9-79
PLAT NO.:
LOT SIZE: .5 (23,100)

FACTORS	AREA 1	AREA 2	AREA 3	AREA 4
1. SLOPE (%)	S (PS) 2-10 U	S PS U	S PS U	S PS U
2. SOIL TEXTURE (12-36 in.) (Sandy, loamy, clayey, Note 2:1 Clay)	S PS (U) Predominately 2-1 Clays	S PS U	S PS U	S PS U
3. SOIL STRUCTURE (12.36 in.) (Clayey Soils)	S PS (U) MASSIVE	S PS U	S PS U	S PS U
4. SOIL DEPTH (In.)	S PS (U) <48	S PS U	S PS U	S PS U
5. RESTRICTIVE HORIZONS (In.) (Impervious Strata, Rock)	S PS (U) 2-1 Clays	S PS U	S PS U	S PS U
6. SOIL DRAINAGE/GROUNDWATER (External & internal)	S PS (U) slow	S PS U	S PS U	S PS U
7. SOIL PERMEABILITY (Percolation Rate)	S PS (U) slow	S PS 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			
SOIL SERIES	WILKES			

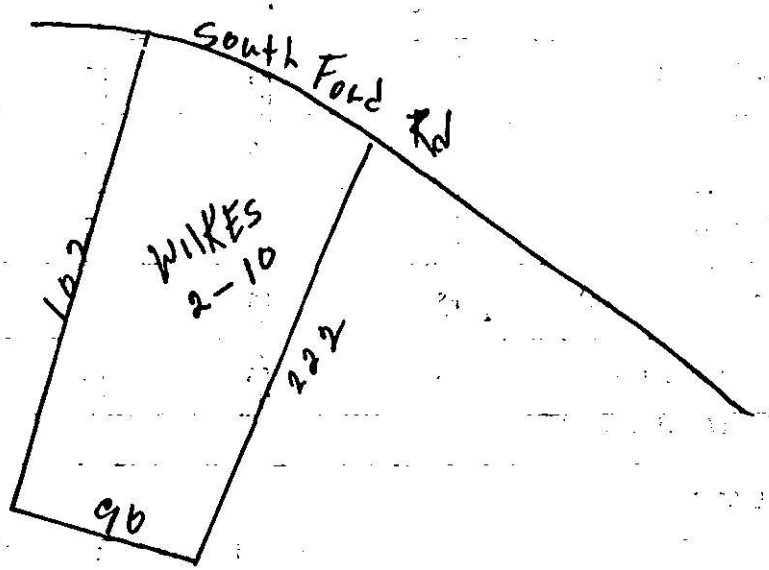
S - Suitable PS - Provisionally Suitable U - Unsuitable

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

Recommendations/Comments: CONDITIONS ARE SEVERE DUE TO RATHER DEEP LAYERS OF 2-1 Clay over Saprolite

Described By: W. B. Ramsey
Title: Soil Scientist Date: 8-15-79.

DHS Form 2601
Sanitation
EHD 539 (3/79)


South Ford Rd
WILKES
2-10
102
232
96

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. 16039
T.C.NO. 031-103-39
MAP DATE
DATE 8/16/79

NAME OF OWNER Reeves, Roy Denver

ADDRESS OF OWNER Route 14, Box 300, Charlotte, NC 28208

LOCATION OF LOT Southford Road, Pine Island subdivision, Lot No. 47, Block No. 4

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 Structure Massive
Soil Permeability Unsuitable

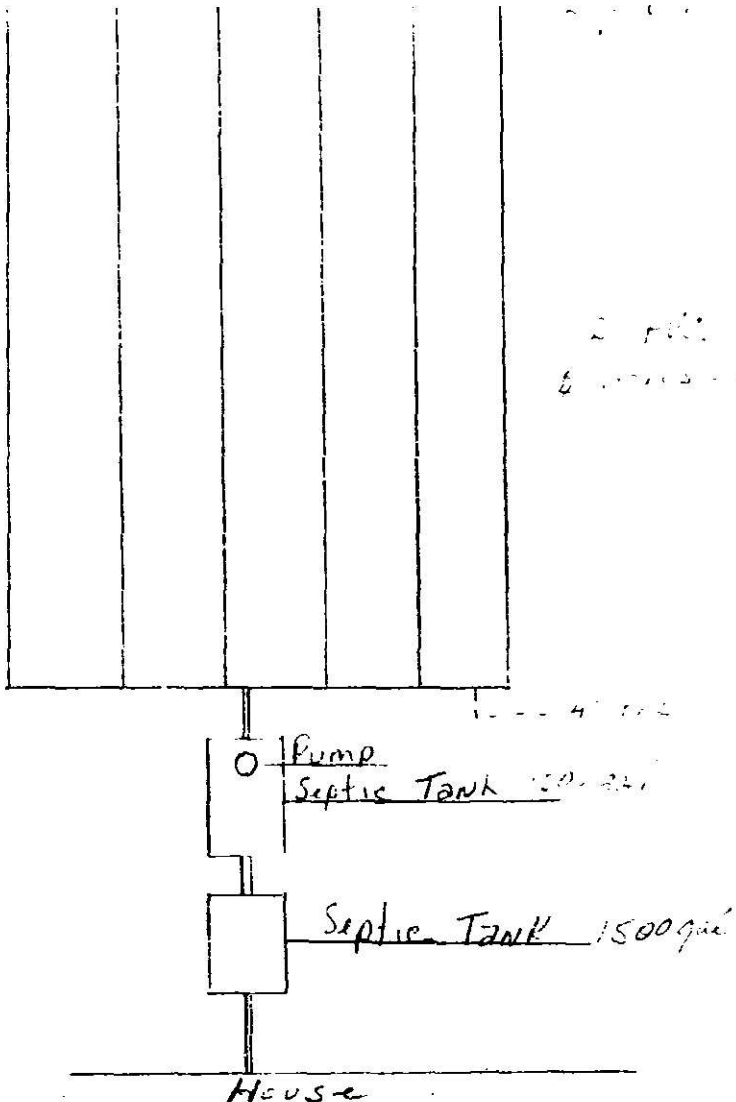
Sites classified as Unsuitable are not acceptable for soil absorption of sewage effluent. However, if engineering, geologic, soil, and environmental studies indicate that a suitable septic tank system or a suitable alternate system can be expected to function satisfactorily, such sites may be re-classified as Provisionally Suitable. (Section 10 of the North Carolina Administrative Code 10 A,.1910)

If you desire to file for permission to install an "alternate or modified" 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. Adkisson

John R. Adkisson, Environmentalist

Six lines 100' long
lines on 3' center.



Stone - 18 yds

Sand - 21 yds

Pipe - 600' 2" + 4" Iron

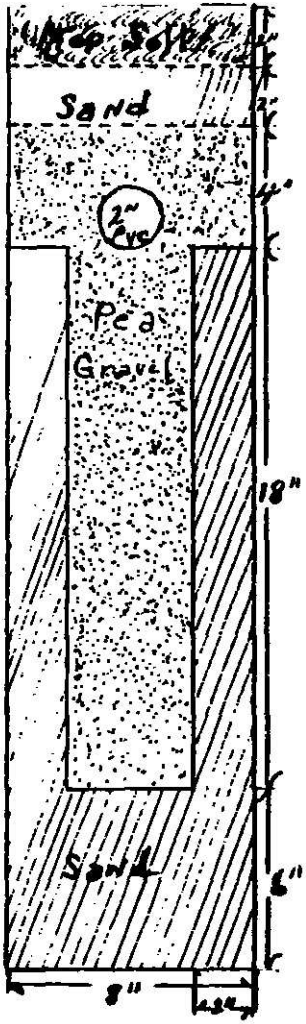
Elbows 6 - 2"

2 - 4"

Tees 5 - 6"

Reducers 7 - 2"

Plugs - 6 - for 2" line


No Soil
Sand
2"
Pea
Gravel
18"
Sand
6"
8"

Larry D Stewart
South 2nd Rd.
1500 gal tank
1000 gal tank
Pump Info
6 lines ~~3' wide~~ 8" wide
spaced ~~3' centers~~ 100 ft. long.

Pump are/day @ 200-250 gal.
lines to be ~~4' deep~~ ~~3' wide~~
32" deep - 8" wide
3' 8" centers

6" sand in bottom
3' pea gravel
6" sand on top of pea gravel
3" top soil on top of sand

lines are to be 2" pvc with
4" holes on 5' centers
placed on top of pea gravel.

RICHARD A. PENISTON
Attorney At Law

Suite 89
5311 Seventy-Seven Center Drive
Charlotte, N C 28210

704/525-4236

MECK COUNTY DEPARTMENT OF
RECEIVED
APR 28 1980
ENVIRONMENTAL HEALTH

April 25, 1980

Mr. R.L. McMillan
Environmental Health Department
1200 Blythe Blvd.
Charlotte, North Carolina 28203

Re: Larry D. Stewart Septic Tank Agreement

Dear Mr. McMillan:

Please find enclosed recorded Septic Tank Agreement for Mr. Larry D. Stewart. It is my understanding that this is all you need to issue the appropriate permit in order that he may obtain his building permit.

Please contact me if more requirements need to be met or if there are any problems.

Yours very truly,

Richard A. Peniston
Attorney at Law

RAP/pge
Enclosure

As a condition of the building permit, require:

--Low flush toilets approved by the N. C. Building Code Council
--Low flow shower heads
--Water conserving devices on faucets (aerators, etc.)
--No garbage grinder
--Water saving clothes washer (if purchase a new machine).

Specify:

--skillful installation of system
--continuous oversight by staff engineer to assure proper installation
--both tanks to be pumped out at least every three years or more often (discharge of excess solids or entrainment of sludge buildup could be critical)
--obtain permission for access at intervals by environmentalist for monitoring system (R & D might be interested in monitoring and data collection on the system)

Water Saving Toilet

One-gallon flush, water saving toilets empty the bowl in one flush. Manufactured from lightweight plastic, the low silhouette toilets can be installed on existing



plumbing standard fittings. The toilets feature a quick and quiet seat-lid flush and a "no-sweat" tank. —International Water Saver Toilets Inc., Box 416, Valley City, OH 44256

Circle 452 on Reader Service Card

STATE OF NORTH CAROLINA
COUNTY OF MECKLENBURG

BOOK PAGE

SEPTIC TANK AGREEMENT

4298 0482

APR 18 3 52 PM '80

031-103-39

The undersigned, Larry D. Stewart, owner of property located at South Ford Rd Pine Island Lot # 47 Blk 4 ("the site") and described in instrument recorded in Book _____ at Page _____, Mecklenburg Public Registry, hereby acknowledges that he applied to the Department of Environmental Health for a permit to install a septic tank sewage disposal system on the site; the Department evaluated the site for suitability for such a system in accord with the regulations promulgated by the North Carolina Commission for Health Services as 10 NCAC 10A .1900 et seq; that the Department classified the site as 031-1a9-39-Prov. Suitable and an appropriate permit was issued by the Department.

The undersigned further acknowledges that the proper design, construction and maintenance of such septic tank system is his responsibility and that neither the Department nor its officials, employees, or agents warrant or guarantee that the said system installed pursuant to the permit issued by the Department will function in a satisfactory manner for any given period of time, or that the Department, its officials, employees or agents assume any liability for damages, consequential or direct, which are caused, or which may be caused, by a malfunction of such system.

This document shall be placed on the public records of the Register of Deeds of Mecklenburg County and indexed therein under the Grantor Index in the name or names of the undersigned, and the foregoing acknowledgements shall henceforth be binding on all persons claiming any right, title, or interest in the site.

And the undersigned further agrees for himself, his heirs and assigns, that he shall idemnify and hold harmless the Department and its successors, as well as Mecklenburg County, for any damages or other claims of any person or persons whatsoever arising out of the installation, operation, or failure, of said septic tank system.

And the undersigned further agrees for his heirs and assigns that, in the event any septic tank system installed under authority of the aforesaid permit fails to perform adequately, in any respect, he will take whatever measures are required to correct same; or if such is impossible he will discontinue use of said system immediately.

Use of the singular masculine pronoun forms herein shall be deemed to also include the plural and feminine forms as the context may require.

This 8 day of April, 1980

Drawn By Enviromental Health Dept.

Larry D. Stewart (Seal)

_____ (Seal)

STATE OF NORTH CAROLINA,
COUNTY OF MECKLENBURG

I, Patricia Carl Edwards, a Notary Public for said County and State, do hereby certify that Larry D. Stewart, personally appeared before me this date and acknowledged the due execution of the foregoing instrument.

WITNESS my hand and notarial seal, this 8 day of April, 1980.

Patricia Carl Edwards
Notary Public

My Commission Expires: My Commission Expires 10-30-84

STATE OF NORTH CAROLINA,
COUNTY OF MECKLENBURG

I, _____, a Notary Public for said County and State, do hereby certify that _____ personally came before me this day and acknowledged that he is _____ of _____, and that by authority duly given and as the act and deed of said corporation, the foregoing instrument was signed in its name by its _____, sealed with its corporate seal and attested by _____ as its _____.

WITNESS my hand and notarial seal, this ____ day of _____, 19 ___.

_____
Notary Public

My Commission Expires _____

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

May 9, 1980

Mr. Larry D. Stewart
6912 Glenmoor Dr.
Charlotte, NC 28214

Re: Building Permit South Ford Road
Pine Island Subdivision - Lot No. 47

Dear Mr. Stewart:

In the considerations for the issuance of a building permit with respect to Lot 47, certain agreements have been obtained by this office which I would like to outline so there will be no misunderstandings.

First, we need to understand the need for water conservation in order that the septic tank system will be afforded its greatest potential to perform its task. In order to conserve all the water possible, you will be required to use low-flush toilets which are approved by the N. C. Building Code Council, low-flow shower heads, water conserving devices on all faucets, such as aerators; and there will be no garbage grinder installed. If you propose to purchase a new clothes washer, it should be one of the water-saver types.

It will be necessary upon the installation of this system that the utmost skill be used in its construction with continuous oversight from this office to assure proper installation. Both tanks are to be pumped at least every three years to eliminate the buildup of solids. Permission will be granted by you for access to the system during normal hours in order that an environmentalist may monitor the system to ascertain the effectiveness of treatment. You must also understand that if this system fails to keep the waste off the surface of the ground that you will be required to connect to the sanitary sewer immediately.

If care is used in the amount of water used in this system, it should operate satisfactorily in years to come.

If I may be of any assistance, please feel free to call.

Sincerely,

R. L. McMillan
Chief
Water Quality Section

RLM:ldh

Serial No. 4082

LA No. _____

Date Issued _____

T C No. _____

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 Stewart (LAST) Larry (FIRST) D (MIDDLE)

ADDRESS OF OWNER 6912 Glenmore ZIP 28214

LOCATION OF LOT South Ford Rd. (STREET OR COUNTY ROAD)

SUBDIVISION Pine Island LOT NO. 47 BLOCK NO. 4

MAP BOOK NO. 14 PAGE NO. 265

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, 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 it 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.

R. L. McMillan

Environmentalist

Environmental Health Director or Authorized Section Head

EHD-S-76

Environmental Health Department's Copy

Date Issued 10/31/80 Serial 4122 C of A (s) No. _____ T C No _____

MECKLENBURG COUNTY
DEPARTMENT OF ENVIRONMENTAL HEALTH
ENVIRONMENTAL HEALTH DIVISION

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

Name of Owner Stewart (LAST) Leroy (FIRST) D (MIDDLE)

Location of Property South Ford Rd., Lot 47 - 4

Application Number _____ Permit Number _____

Inspection Data:

Liquid Capacity of Tank 2500 gallons Tank Material Concrete

Total Length of Drain Tile 1000' Number of Lines 6

Depth of Filter Material 30" Cover Depth 6"

Water Supply Source Well Distance from Water Source 200'

Excavation Inspected 10-29-80 (DATE) Tank Inspected 10-29-80 (DATE)

Nitrification Field Inspected _____ (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 _____

R. L. McMillan
Environmentalist

EHD-5-76

Environmental Health Department's Copy