Date Received 3-15-83

SIR No. 19445

T. P. No. 225-041-11

Map Date

Call & he will meet you there

MECKLENBURG COUNTY
DEPARTMENT OF ENVIRONMENTAL HEALTH

APPLICATION FOR SOIL INVESTIGATION

1) NAME OF OWNER Wallace (LAST) Reginald (FIRST) Steven (MIDDLE)

2) ADDRESS OF OWNER 5807 E Sharon Rd Charlotte NC ZIP 28210

3) PHONE NO. Home 5529049 Office 5426025

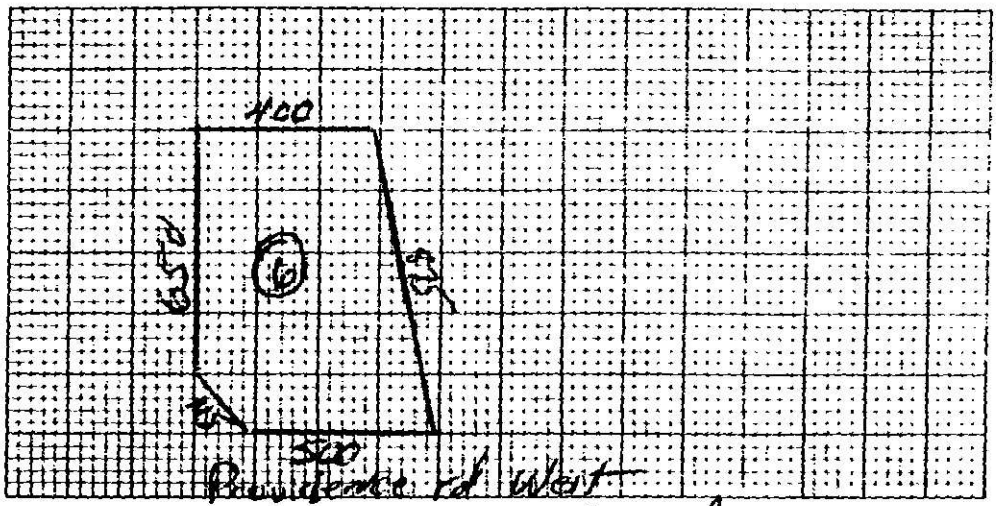
4) LOCATION OF PROPERTY Providence rd West (STREET OR COUNTY ROAD)

5) SUBDIVISION _____ LOT NO. 6 BLOCK NO. _____

MAP BOOK NO. 225 PAGE NO. 04

6) DEED REFERENCE DEED BOOK 4251 PAGE NO. 697

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

OWNER

EHD-5-76

Environmental Health Department's Copy

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

SIR. NO. 19445
T. C. NO. PO 225-041-11
DATE: 3-30-83

Mr. Reginald Wallace
5807 E. Sharon Road
Charlotte, NC 28210

Re: Property located at Providence Road West, Lot 6.

Dear Mr. Wallace:

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, please submit your proposals, in the form of plans and specifications, 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 a "Septic Tank Agreement Form" provided by this office.

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

Sincerely,

Mike Sexton

Michael A. Sexton
Environmentalist
On Premises Waste Disposal Section

Enclosure

EHD #37 (11-82)

DEPARTMENT OF ENVIRONMENTAL HEALTH
MECKLENBURG COUNTY, NORTH CAROLINA

SITE EVALUATION

S.I.R. NO. 19445

T.C. NO. P0225-041-11

(Ground Absorption Sewage Disposal)

OWNER: Reginald Steven Wallace
ADDRESS: 5807 E SHARON Rd 28210
LOCATION OF SITE: Providence Rd West Lot 6

PLAT NO:
LOT SIZE: 7.4A

FACTORS	AREA 1	AREA 2	AREA 3	AREA 4
1. SLOPE (%)	S (PS) U 2-4	S (PS) U 2-8	S PS U	S PS U
2. SOIL TEXTURE (12-36 inches) Sandy, Loamy, Clayey (Note 2-1 Clay)	S PS (U) Mixed Clay	S PS (U) Mixed Clay	S PS U	S PS U
3. SOIL STRUCTURE (12-36 inches)	S PS (U) Light Blocky	S PS (U) Light Blocky	S PS U	S PS U
4. SOIL DEPTH (inches)	S PS (U) 20-36"	S PS (U) 16-25	S PS U	S PS U
5. RESTRICTIVE HORIZONS (Inches) (Impervious strata, Rock)	S PS (U) Clay	S PS (U) Clay	S PS U	S PS U
6. SOIL DRAINAGE/GROUNDWATER (external and internal)	S PS (U) Slow	S PS (U) Slow	S PS U	S PS U
7. OTHER (Specify)	S PS U	S PS U	S PS U	S PS U
8. SOIL GROUP	IVL	IVL		
9. SITE CLASSIFICATION	Unsuitable	Unsuitable		
10. SOIL SERIES	Mecklenburg	Mecklenburg		

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)

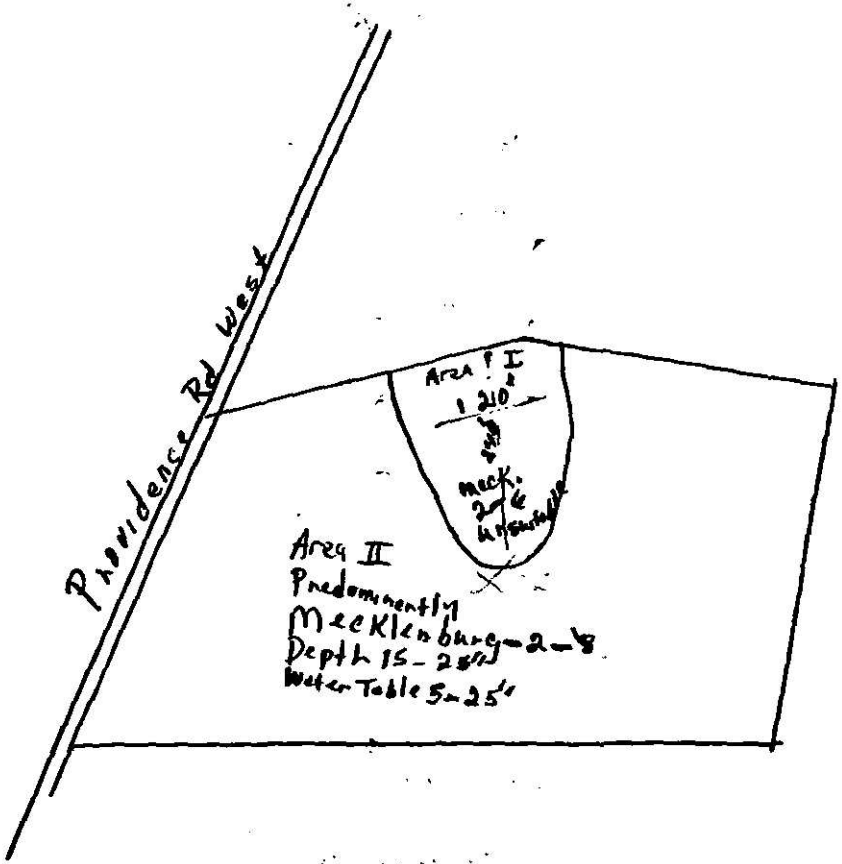
Recommendations/Comments:

Described by: William B. Ramsey
Title: Sanitarian

Date: 3-23-88

EHD 539 (Revised: 6/82)

DEPARTMENT OF
ENVIRONMENTAL HEALTH



6

Date Received 4-29-83

RECEIVED
APR 29 1983
ENVIRONMENTAL HEALTH

ICAR(S) Application No. 19445

T. C. No. P.O 225-041-11

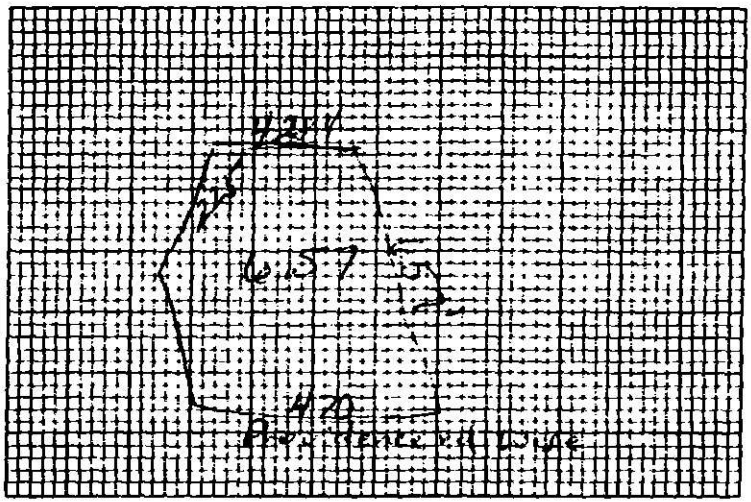
Map Date

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 3
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 Lane (LAST) James (FIRST) Earl (MIDDLE)

14) ADDRESS OF OWNER 5807 E Sharon rd

15) PHONE NO. Home 552 9014 Office 542 6025

16) LOCATION OF SYSTEM 7932 Providence rd West (STREET OR COUNTY ROAD)

17) SUBDIVISION ____ Lot No. ____ Block No. ____

Map Book No. 225 Page No. 4

18) DEED REFERENCE — DEED BOOK 221-41-11 AT PAGE ____

19) HAS A SOIL INVESTIGATION BEEN RUN? ✓ YES ____ NO DATE RUN 3-23-83

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.

29 Apr 83
DATE OF APPLICATION

James Earl Lane
OWNER

EHD-5-76

ENVIRONMENTAL HEALTH DEPARTMENT'S COPY

File 19445

Daily waste flow	360 gallons
Septic tank size	1500 gallons
Pumping tank size	1000 gallons
Effluent loading rate	0.08 gallons/ft^2/day
Absorption area	4500 feet
Total lenght of laterals	900 feet - 5 feet on centers
Lateral diameter	1¼ inches
Lateral configuration	5 lines - 90 feet long
Supply line length	200 feet
Supply line diameter	2 inches
Manifold placement	center
Total flow	31.2 gallons per minute
Elevation head	15 feet
Friction head	3 feet
Pressure head	1 foot
Total head	19 feet
Pumprequirements	32 gallons per minute at 19' head
Storage volume in laterals	57.6 gallons
Storage volume in supply line	32.4 gallons
Total storage volume	90 gallons
Dosing volume	250 gallons per cycle
Dosing depth	10 inches
Check valve needed?	NO