Date Received 4-15-83

RECEIVED
APR 15 1983
ENVIRONMENTAL HEALTH

SIR No. 19570

T. C. No. 193-181-61

Map Date _____

MECKLENBURG COUNTY
DEPARTMENT OF ENVIRONMENTAL HEALTH

APPLICATION FOR SOIL INVESTIGATION

1) NAME OF OWNER Crump (LAST) Ronald (FIRST) Lee (MIDDLE)

2) ADDRESS OF OWNER [redacted] 8517 Idlewild Rd. ZIP 28212

3) PHONE NO Home 537-4101 Office _____

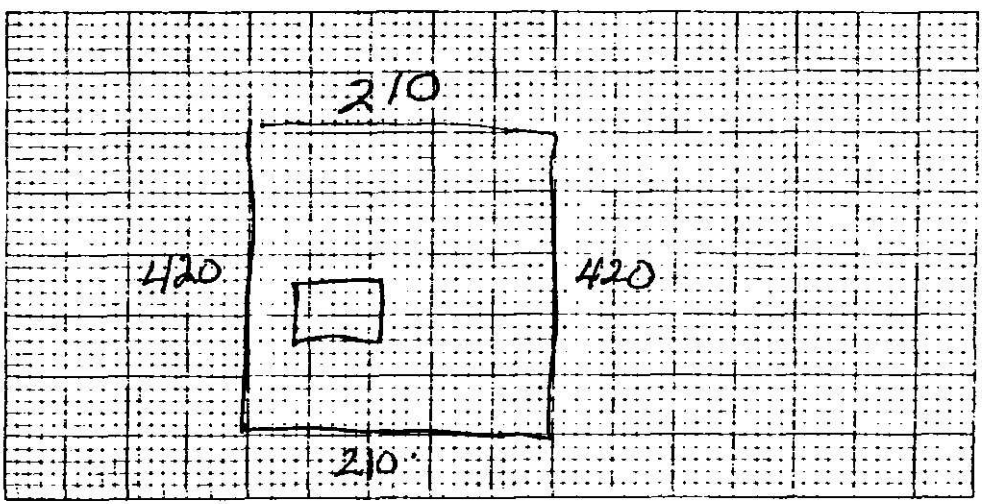
4) LOCATION OF PROPERTY 3012 Williams Rd (STREET OR COUNTY ROAD)

5) SUBDIVISION _____ LOT NO _____ BLOCK NO. _____

MAP BOOK NO _____ PAGE NO _____

6) DEED REFERENCE DEED BOOK 4574 PAGE NO 0262

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

Ronald Lee Crump
OWNER

EHD-5-76

Environmental Health Department's Copy

MECKLENBURG COUNTY
DEPARTMENT OF ENVIRONMENTAL HEALTH
[illegible]

SIR. NO. 19570
T. C. NO. 193-181-61
DATE: 4-21-83

Mr. Ronald L. Crump
8517 Idlewild Road
Charlotte, NC 28212

Re: Property located at 3012 Williams Road

Dear Mr. Crump:

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,

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. 19570

T.C. NO. 193-181-61

(Ground Absorption Sewage Disposal)

OWNER: Ronald Lee Crump
ADDRESS: 8517 Idlewild Rd 28212
PLAT NO:
LOT SIZE: 2A
LOCATION OF SITE: Williams Rd

FACTORS	AREA 1	AREA 2	AREA 3	AREA 4
1. SLOPE (%)	S (PS) U 2-5	S (PS) U 0-4	S PS U	S PS U
2. SOIL TEXTURE (12-36 inches) Sandy, Loamy, Clayey (Note 2-1 Clay)	S PS (U) mixed cky	S PS (U) mixed Cky	S PS U	S PS U
3. SOIL STRUCTURE (12-36 inches)	S PS (U) weak Blocky Cmoosish	S PS (U) weak Blocky	S PS U	S PS U
4. SOIL DEPTH (inches)	S PS (U) <20"	S PS (U) <15"	S PS U	S PS U
5. RESTRICTIVE HORIZONS (Inches) (Impervious strata, Rock)	S PS (U) Cky	S PS (U) Cky	S PS U	S PS U
6. SOIL DRAINAGE/GROUNDWATER (external and internal)	S PS (U) Graying at 3" Slow	S PS (U) Has <6"	S PS U	S PS U
7. OTHER (Specify)	S PS U	S PS U many Grey Fish Holes	S PS U	S PS U
8. SOIL GROUP	IIIb	IIIb		
9. SITE CLASSIFICATION	Unsuitable	Unsuitable		
10. SOIL SERIES	ENON	Helene		

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)

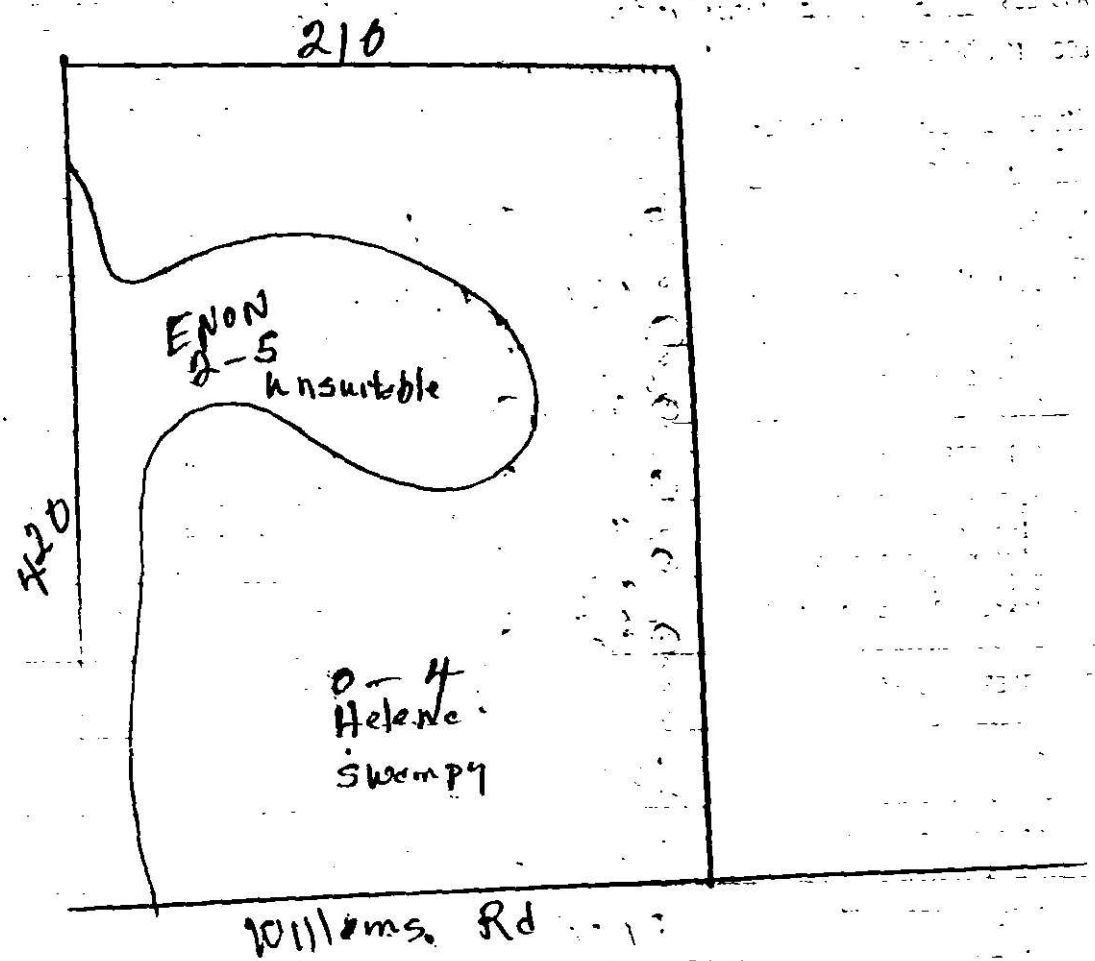
Recommendations/Comments:

Described by: W. B. Ramsey
Title: Soil Scientist

Date: 4-20-83

EHD 539 (Revised: 6/82)

3


210
ENON
2-5
unsuitable
420
0-4
Helene
swampy
Williams Rd

Date Received 6-17-83

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JUN 21 1983
ENVIRONMENTAL HEALTH

ICAR (S) Application No. 19570

T. C. No 93-181-61

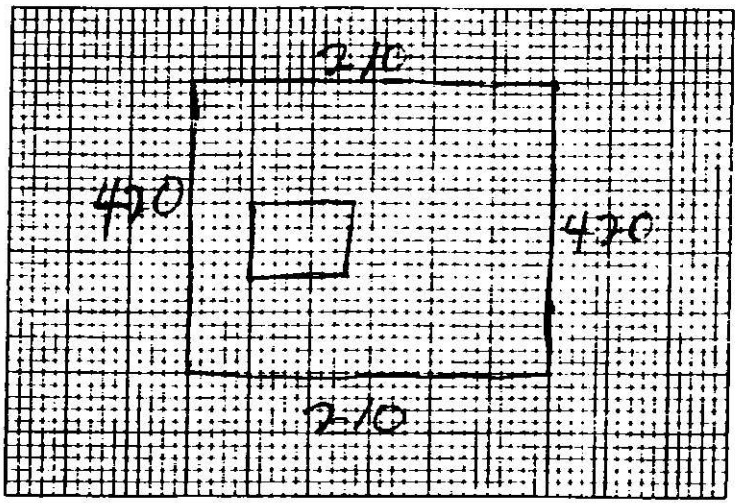
Map Date

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 Camp (LAST) Ronald (FIRST) Lee (MIDDLE)

14) ADDRESS OF OWNER 8517 Idlewild Rd 28212

15) PHONE NO. Home 537-4101 Office ___

16) LOCATION OF SYSTEM 3012 Williams RD (STREET OR COUNTY ROAD)

17) SUBDIVISION Camp, Ronald G. Lot No. ___ Block No. ___

Map Book No. 4574 Page No. 0262

18) DEED REFERENCE — DEED BOOK 4574 AT PAGE 0262

19) HAS A SOIL INVESTIGATION BEEN RUN? ✓ YES ___ NO DATE RUN 4/83

20) PTR NUMBER (See Instructions) N/A

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.

6/21/83
DATE OF APPLICATION

Ronald Lee Camp
OWNER

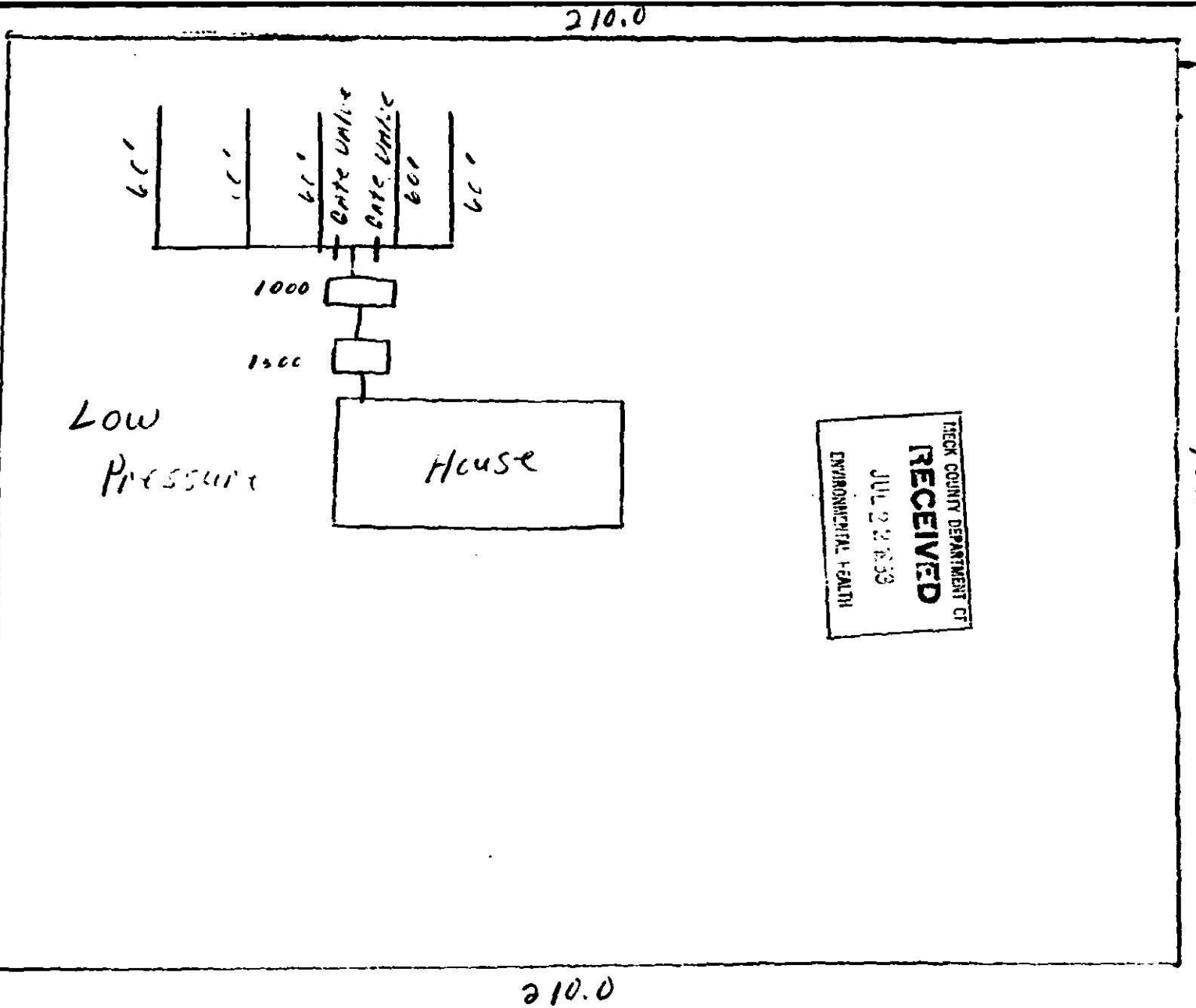
EHD-S-76

ENVIRONMENTAL HEALTH DEPARTMENT'S COPY

Low Pressure System Design Criteria

1. Pump Tank
   (a) Tank with minimum capacity of 750 gallons.
   (b) Effluent pump capable of delivering 30 gallons per minute at 20 ft. total dynamic head.
   (c) Controls to consist of high water alarm, dual, buoyant, wighted floats or mercury float switches. High water alarms to be on separate electrical curcuit.
   (d) Pump tank shall have a check value.
   (e) All electrical connections to be outside of the pump chamber and shall be protected from the weather.
   (f) Tank shall be of a watertight design and have access manhole to surface.
2. Distribution System
   (a) 5 laterals off of distribution manifold. Laterals to be arranged 1 groups with 5 laterals in group.
   (b) Laterals to be 1¼ inches diameter PVC, 160 PSI and to be 60ft. long.
   (c) Each lateral to be capped at the end with a 3 foot stand pipe. Standpipe can be cut and capped at 2 inches after pressure has bee set.
   (d) Laterals to be installed level on contour of slope on five foot centers.
   (e) Laterals to be installed in trenches o in. wide and 8 in deep with 1 in of stone under and 1 in over laterals.
   (f) Earthen dam to be at the head of each lateral to prevent back-flow into other l ines.
   (g) Supply manifold to be slightly higher than distribution manifold.
   (h) Supply manifold to be 2 diameter PVC, 160 PSI.
   (I) Distribution manifold to be 1½ diameter PVC.160 PSI.
   (j) Each lateral to have 12 holes 1/8 inch diameter. Holes to be spaced 60 iches apart with the first hole in each line to be 30 in ches from the end of the lateral.
   (k) Pressure to be set at 3 feet of head using gate vales. Pressure to be reset after 6 weeks of use.
   (l) Stabilize area with grass as soon as possible after completion of the system.
   (m) Backfilling of trenches should be done by hand or by light equipment in order to minimize compaction of the soil in the disposal area.

MECK COUNTY DEPARTMENT OF
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210.0
60'
60'
60'
Gate Valve
Gate Valve
60'
60'
1000
1500
Low
Pressure
House
RECEIVED
JUL
ENVIRONMENTAL HEALTH
210.0