Date Received 2/4/80

RECEIVED
JAN 25 19

APT No. 16543

T. C. Map 231-101-04

Map Date

MECKLENBURG COUNTY
DEPARTMENT OF ENVIRONMENTAL HEALTH

APPLICATION FOR SOIL INVESTIGATION

1) NAME OF OWNER Ash Development Company
(LAST / FIRST / MIDDLE)

2) ADDRESS OF OWNER 5511 Monroe Road, Charlotte, North Carolina ZIP 28218

3) PHONE NO. Home _____ Office 568-5517

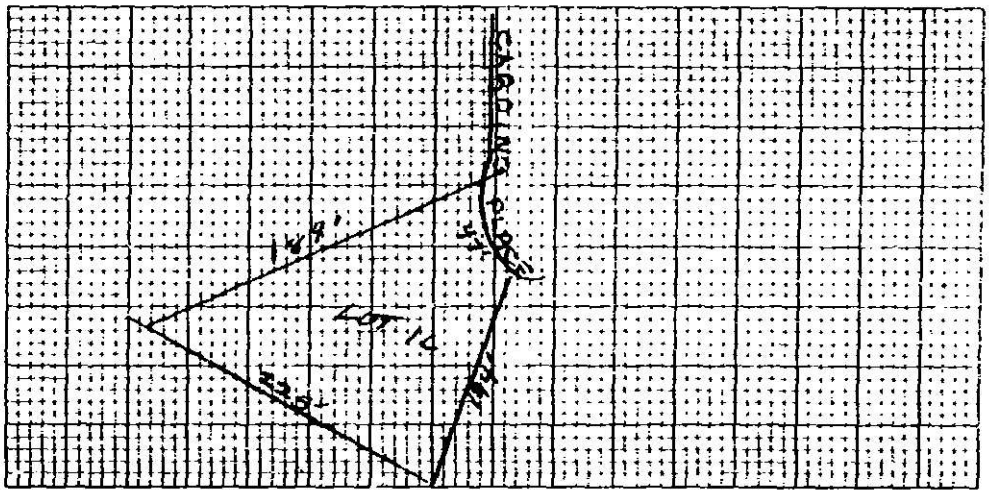
4) LOCATION OF PROPERTY Carding Place
(STREET OR COUNTY ROAD)

5) SUBDIVISION Hearthstone #2 LOT NO 16 BLOCK NO. 4

MAP BOOK NO _____ PAGE NO. _____

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

N B Holtzclaw
OWNER

EHD-5-76

Environmental Health Department's Copy

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

APPENDIX II
SITE EVALUATION

S.I.R. No. 16543
T.C. No. PO 231-101-04

(Ground Absorption Sewage Disposal)

OWNER: Neal Development Co.
ADDRESS: 5511 Monroe Road
COUNTY: Carlotte, N.C.
LOCATION OF SITE: Carolina Place

DATE REQUESTED:
PLAT NO: 416-84
LOT SIZE: Approx 22,000

FACTORS	AREA 1	AREA 2	AREA 3	AREA 4
1. SLOPE (%)	(S) PS 2-8% U	(S) PS 2-8% U	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) Some 2:1 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 48" U	(S) PS 48" U	S PS U	S PS U
5. RESTRICTIVE HORIZONS (inches) (Impervious strata, Rock)	(S) PS None U	(S) None PS U	S PS U	S PS U
6. SOIL DRAINAGE/GROUNDWATER (external and internal)	(S) 76" To ground water PS U	S Shallow Depression PS (U)	S PS U	S PS U
7. SOIL PERMEABILITY (percolation rate)	S (PS) Moderate U	S PS (U) slow	S PS U	S PS U
8. OTHER (specify)	S PS U	S PS U	S PS U	S PS U
9. SITE CLASSIFICATION	✓ Provisionally suitable	unsuitable		
10. SOIL SERIES	Cecil	Cecil-Enon Drainageway		

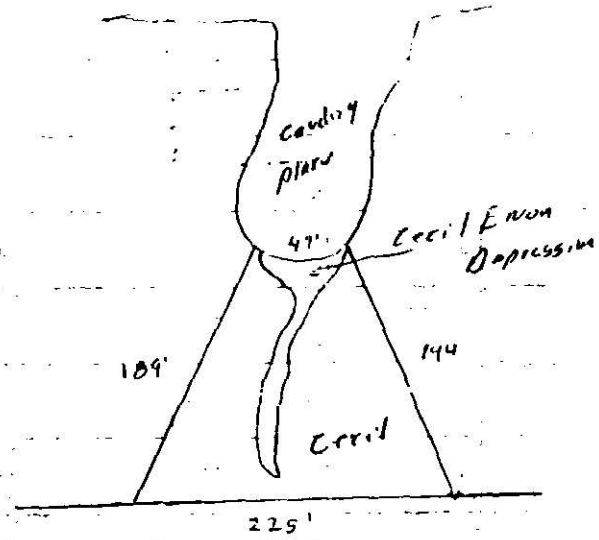
S - Suitable PS - Provisionally Suitable U - Unsuitable

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

Recommendations/Comments: Recommend plans for house and system location be submitted

Described By: William A. Marlin
Title: Soil Scientist
Date: 11-21-80

DHS Form 2601
Sanitation
EHD 539 (2/80)


Caudate
plane
47°
Cecil Erosion
Depression
189'
144
Cecil
225'

Serial No. 3866

PTR No. 16543

Date Issued Nov. 25, 1980

T C No po 231-101-04

Map Date

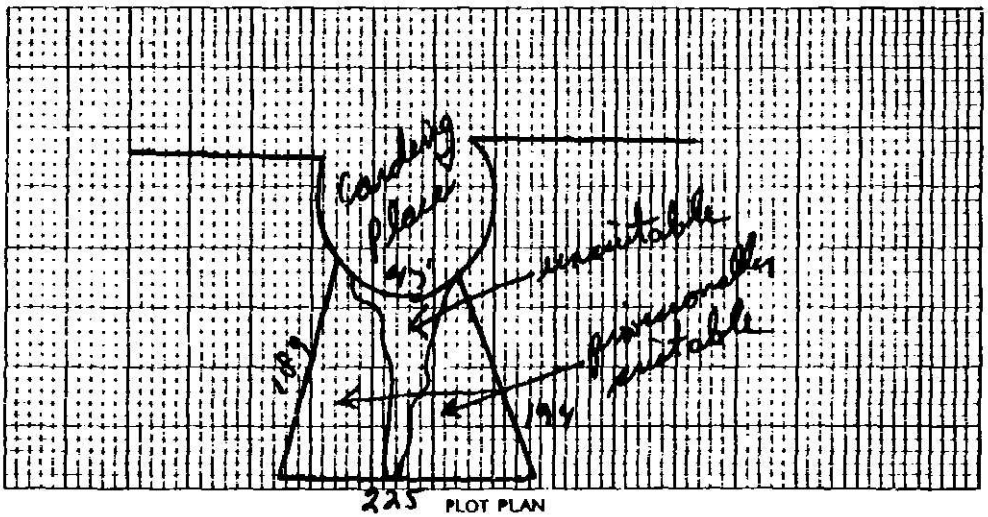
MECKLENBURG COUNTY
DEPARTMENT OF ENVIRONMENTAL HEALTH
SOIL INVESTIGATION REPORT

NAME OF OWNER (LAST) (FIRST) Ash Development Company (MIDDLE)

ADDRESS OF OWNER 5511 Monroe Road, Charlotte, NC ZIP 28212

LOCATION OF PROPERTY Carding Place (STREET OR COUNTY ROAD)

SUBDIVISION Hearthstone II LOT NO #16 BLOCK NO. 4



PLOT PLAN

This is to certify that a soil investigation and on-site investigation was made by the Mecklenburg County Department of Environmental Health on the lot described above. The said investigation was conducted on that portion of the lot as indicated on the above plot. The permeability rate determined by the investigation was Provisionally Suitable. The said lot is approved for the installation of an individual septic tank wastewater treatment system with subsurface, soil absorption effluent discharge subject to the following terms and conditions:

1. A permit to install, construct, alter or repair the specific system shall be obtained from the Mecklenburg County Department of Environmental Health prior to the beginning of any construction of buildings or of the wastewater treatment system on the said lot.
2. The size of the septic tank wastewater treatment system which must be installed will be determined by the Mecklenburg County Department of Environmental Health prior to installation based on the permeability rate obtained above, and on the size and type of building constructed thereon.
3. This approval is valid only if the system is installed in the immediate area indicated as acceptable for system installation on the above plot.
4. This approval is void if any grading, filling or construction (including the drilling of a well) is performed on the lot which in the opinion of the Mecklenburg County Department of Environmental Health renders the area indicated as acceptable for system installation unsuitable for installation, construction, alteration and/or repair of such a system.

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.

Soil Scientist

John R Adkisson

Environmental Health Director or Authorized Section Head

EHD-5-76

Environmental Health Department's Copy

SEE INSTRUCTIONS ON BACK

Date Received 1/26/81

ICAR(S) Application No. 16543

T C No. PO 231-106

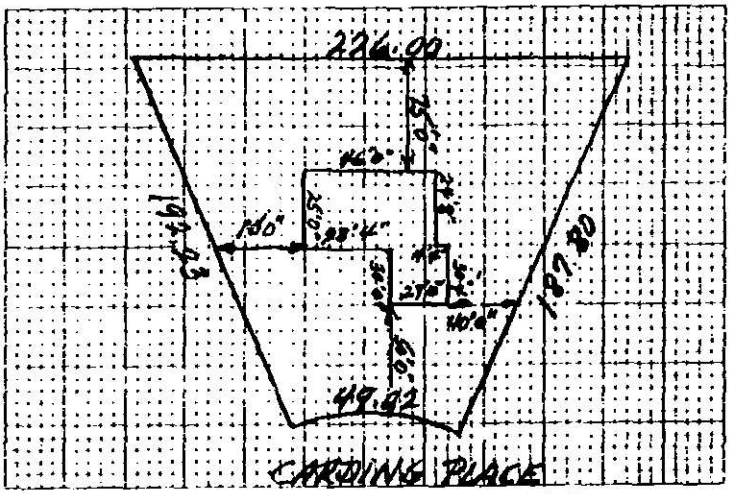
Map Date

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 4
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 SMITH ALLEN CO, INC. (LAST / FIRST / MIDDLE)

14) ADDRESS OF OWNER 5507 MONROE RD

15) PHONE NO. Home ___ Office 568-5517

16) LOCATION OF SYSTEM CARDING PLACE (STREET OR COUNTY ROAD)

17) SUBDIVISION HEARTHSTONE II Lot No. 16 Block No. 4

Map Book No. ___ Page No. ___

18) DEED REFERENCE — DEED BOOK ___ AT PAGE ___

19) HAS A SOIL INVESTIGATION BEEN RUN? ✓ YES ___ NO DATE RUN 11/25/80

20) PTR NUMBER (See Instructions) 16543

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.

DATE OF APPLICATION 1/23/81

OWNER Brian N Byrum

EHD-5-76

ENVIRONMENTAL HEALTH DEPARTMENT'S COPY

Serial No. 4714

LA No. 16543

Date Issued January 26, 1981

T C No. po 231-106-02

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 Smith-Allen Company, Inc.
(LAST / FIRST / MIDDLE)

ADDRESS OF OWNER 5507 Monroe Road, Charlotte, North Carolina 28212
(ZIP)

LOCATION OF LOT CARDING PLACE
(STREET OR COUNTY ROAD)

SUBDIVISION Hearthstone II LOT NO. #16 BLOCK NO. :4:

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 16543. 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 Adkisson
Environmental Health Director, or Authorized Section Head

EHD-5-74

Environmental Health Department's Copy

Date Issued 2-11-82

Serial No. 5271

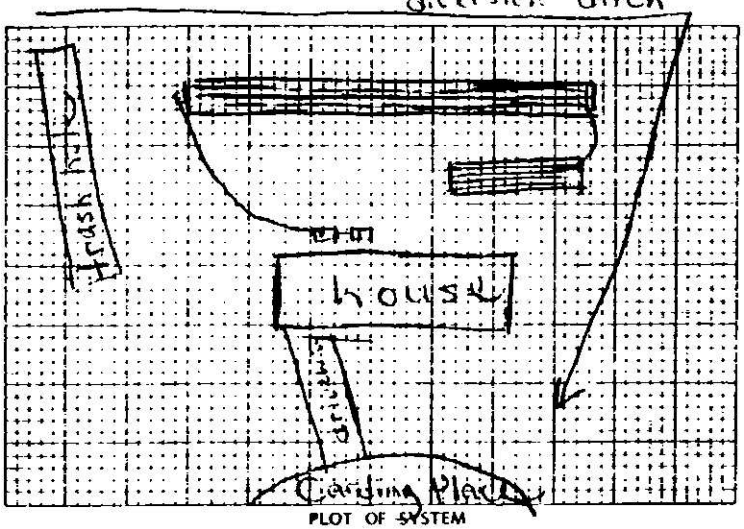
ICAR(S) Permit No. 16543

P.O. T C No 231-106 02

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 16543, dated 1-23-82 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 4-11-82, after which date this permit shall be null and void.



PLOT OF SYSTEM

Permeability Rate P.S.

Liquid Capacity of Tank Lift Station and 1500 gallons

Tank Construction P/C conc

Absorption and/or Nitrification Lines

Total Line Length 827'

Number of Lines 5+5

Distance from House >10'

Distance from Property Line >10'

Distance from Well >100'

NAME OF OWNER Smith Allen Company, Inc.

LOCATION OF PROPERTY 2904 Carding Place

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.

pump up to two beds 15' wide x 17" of stone totaling 166' long

Comments: Keep 10' between beds

Keep 25' from trash hole and 15' from diversion ditch to drainfields

Division or Section Head

Mike Sexton
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

RT-3-19-82

C of A (s) No 16543

Date Issued 3-19-82 Serial 4982 P.O. T C No 231-106-02

MECKLENBURG COUNTY
DEPARTMENT OF ENVIRONMENTAL HEALTH
ENVIRONMENTAL HEALTH DIVISION

CERTIFICATE OF COMPLETION
CERTIFICATE OF APPROVAL

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

Name of Owner Smith (LAST) - Allen (FIRST) Company, Inc. (MIDDLE)

Location of Property 2904 Carding Place

Application Number 16543 Permit Number 16543

Inspection Data: 1000 gallon lift station

Liquid Capacity of Tank 1500 gallons Tank Material p/c concrete

Total Length of Drain Tile 830' Number of Lines 5+5

Depth of Filter Material 17" Cover Depth 4' to 20"

Water Supply Source Community well Distance from Water Source >100'

Excavation Inspected — (DATE) Tank Inspected 3-19-82 (DATE)

Nitrification Field Inspected 3-19-82 (DATE)

Washing Machine Line Inspected, If Applicable 3-19-82 (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 1/2 horsepower Goulds pump

Mike Sexton
Environmentalist

EHD-5-76

Environmental Health Department's Copy