Date Received 3-28-83

MECK COUNTY DEPARTMENT OF
RECEIVED
MAR 28 1983
ENVIRONMENTAL HEALTH

APT No. 19491

T. C. No. 199-331-09

Map Date

MECKLENBURG COUNTY
DEPARTMENT OF ENVIRONMENTAL HEALTH

APPLICATION FOR SOIL INVESTIGATION

1) NAME OF OWNER Mecklenburg County Parks and Recreation Department
(LAST / FIRST / MIDDLE)

2) ADDRESS OF OWNER 700 North Tryon, Charlotte NC ZIP 28202

3) PHONE NO. Home _____ Office 374-3208

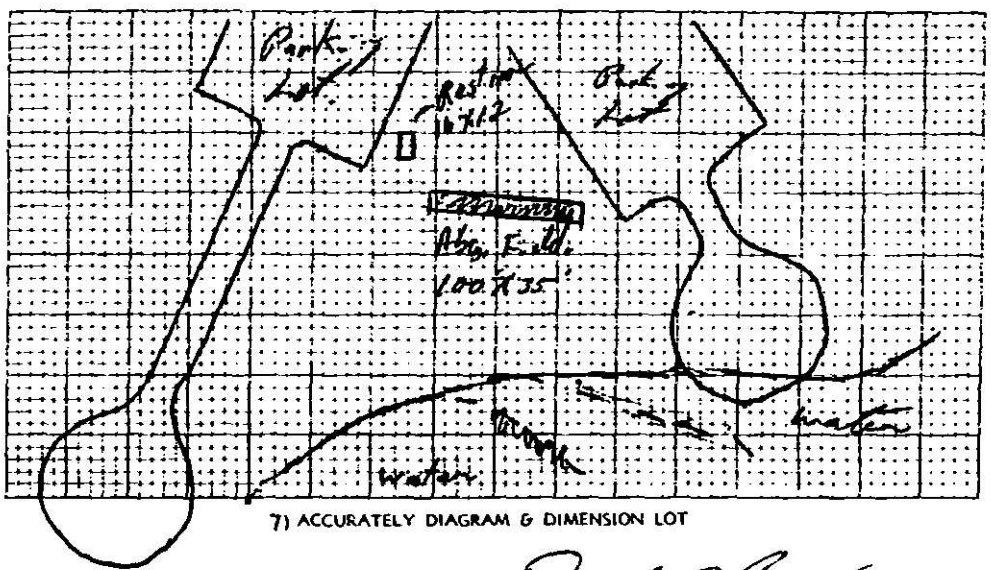
4) LOCATION OF PROPERTY 13221 Elena Dr.
(STREET OR COUNTY ROAD)

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

MAP BOOK NO 17 PAGE NO. 598

6) DEED REFERENCE: DEED BOOK 173 PAGE NO. 173

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

DEPARTMENT OF ENVIRONMENTAL HEALTH
MECKLENBURG COUNTY, NORTH CAROLINA

SITE EVALUATION

S.I.R. NO. 19491

T.C. NO. 199-331-09

(Ground Absorption Sewage Disposal)

OWNER: Meck. Co. Park & Recreation Dept. PLAT NO:
ADDRESS: 700 N. Tryon St. 28201 LOT SIZE: 1A±

LOCATION OF SITE: 13221 Blend Dr. (Copper Head Boat Landing End of Soldier Rd)

FACTORS	AREA 1	AREA 2	AREA 3	AREA 4
1. SLOPE (%)	S (PS) U — 2-10	S PS (U) — Complex Slopes	S PS U	S PS U
2. SOIL TEXTURE (12-36 inches) Sandy, Loamy, Clayey (Note 2-1 Clay)	S (PS) U — Clayey	S (PS) U — Clayey	S PS U	S PS U
3. SOIL STRUCTURE (12-36 inches)	S (PS) U — Blocky	S (PS) U — Blocky	S PS U	S PS U
4. SOIL DEPTH (inches)	S (PS) U — 40-46	S PS (U) — 30-40	S PS U	S PS U
5. RESTRICTIVE HORIZONS (Inches) (Impervious strata, Rock)	S (PS) U — None	S PS (U) — Saprolite	S PS U	S PS U
6. SOIL DRAINAGE/GROUNDWATER (external and internal)	S (PS) U — Adequate	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	IIa	IIa		
9. SITE CLASSIFICATION	PSuitable	Unsuitable		
10. SOIL SERIES	Cecil	Eroded Area IN Cecil		

S - Suitable PS - Provisionally Suitable U - Unsuitable

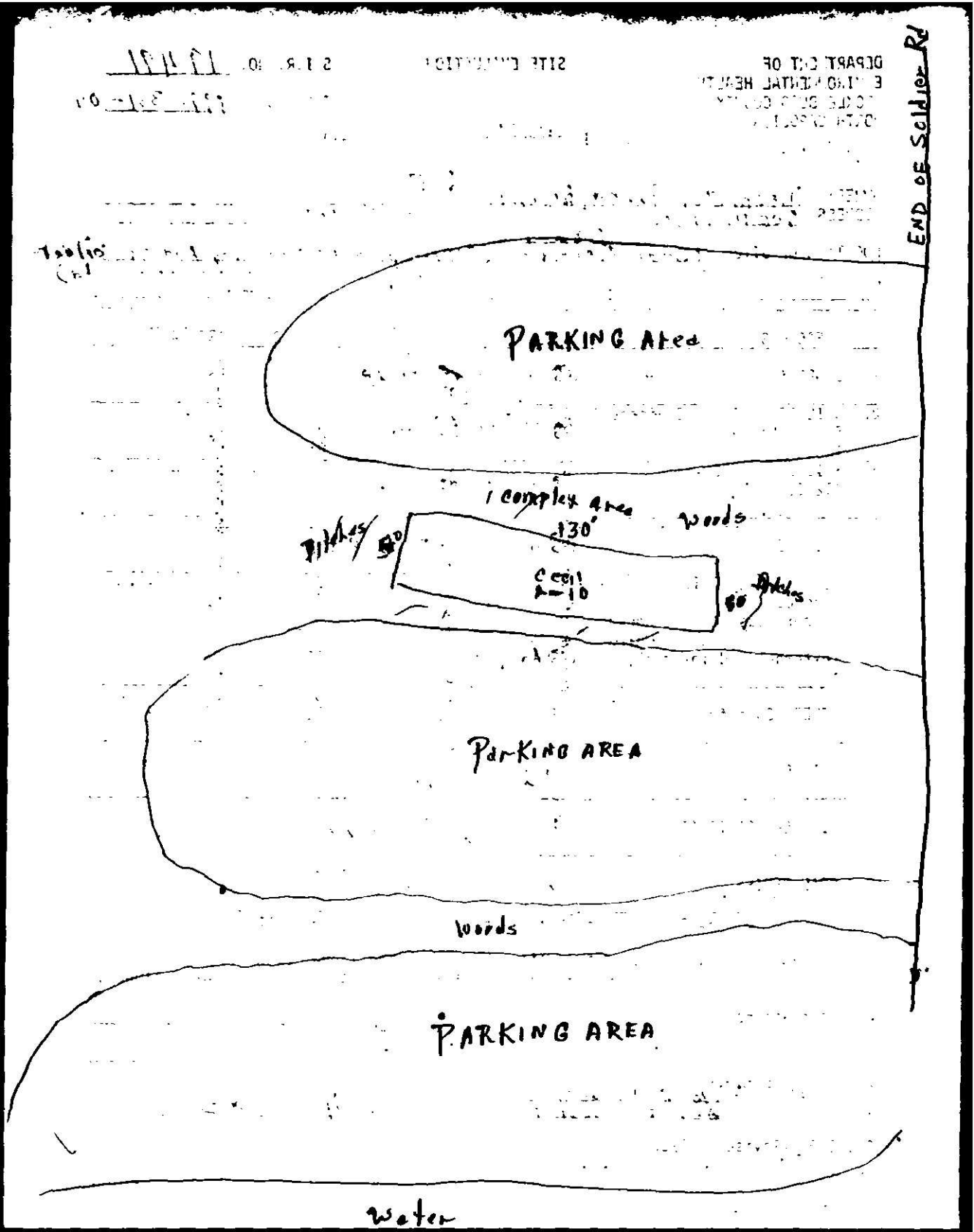
**See Diagram on Back (includes: soil areas, property lines, roads, streams, gullies, wet areas, fill areas, wells, water bodies, slopes)

Recommendations/Comments:

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

Date: 4-1-83

EHD 539 (Revised: 6/82)


END OF Soldier Rd
PARKING Area
1 complex Area
Woods
130'
Pilings
50'
Cecil
A-10
60'
Pilings
PARKING AREA
Woods
PARKING AREA
Water

Serial No. 4945

PTR No. 19491

T. C. No. 199-331-09

Date Issued 4-7-83

Map Date

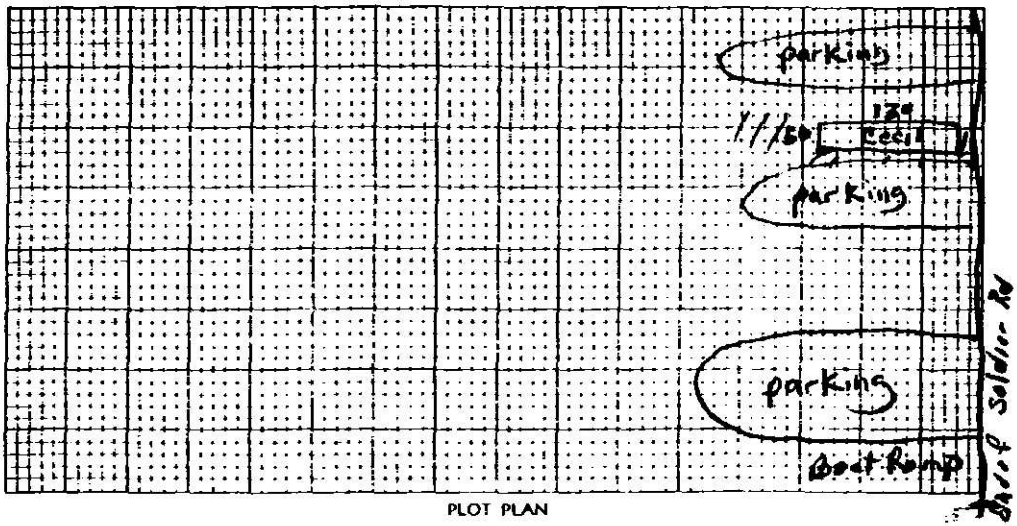
MECKLENBURG COUNTY
DEPARTMENT OF ENVIRONMENTAL HEALTH
SOIL INVESTIGATION REPORT

NAME OF OWNER Mecklenburg County Parks & Recreation Dept.
(LAST FIRST MIDDLE)

ADDRESS OF OWNER 700 N. Tryon St., Charlotte, NC ZIP 28202

LOCATION OF PROPERTY 13221 Elena Drive
(STREET OR COUNTY ROAD)

SUBDIVISION LOT NO. BLOCK NO.



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 soil investigation was conducted on that portion of the lot as indicated on the above plot **Provisionally Suitable**

The permeability rate determined by the investigation was 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 repair the septic system shall be obtained from the Mecklenburg County Department of Environmental Health prior to the beginning of any construction of the septic tank wastewater treatment system on the said lot
2. The size of the septic tank wastewater treatment system which must be installed shall be determined by the Mecklenburg County Department of Environmental Health prior to issuance of the permit to install based above, and on the size and type of building to be located therein
3. This approval is valid only at the system as installed in the immediate area of the said lot at the time of system installation on the above plot
4. This approval is void if any grading filling or construction including the placement of impervious surfaces 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 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.

W. B. Ramsey
Soil Scientist

Mike Sekton
Environmental Health Director or Authorized Section Head

Environmental Health Department's Copy

ST 4-20-83

SIR No. 19491

Serial No. 6357

Date Issued 4-20-83

T. C. No. 199-331-09

Map Date

MECKLENBURG COUNTY
DEPARTMENT OF ENVIRONMENTAL HEALTH
IMPROVEMENT PERMIT

TO THE BUILDING INSPECTION DEPARTMENT

APPROVAL OF LOT FOR INSTALLATION OF AN INDIVIDUAL SEPTIC TANK WITH SUBSURFACE, SOIL ABSORPTION, EFFLUENT DISCHARGE

NAME OF OWNER Mecklenburg County Parks & Recreation Dept.
(LAST / FIRST / MIDDLE)

ADDRESS OF OWNER 700 N. Tryon St., Charlotte, NC ZIP 28202

LOCATION OF LOT 13221 Elena Drive
(STREET OR COUNTY ROAD)

SUBDIVISION _____ LOT NO._____ BLOCK NO._____

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 19491 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,altered, 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.

Environmentalist

Mike Sexton
Environmental Health Director, or Authorized Section Head

EHD-5-76

Environmental Health Department's Copy

SEE INSTRUCTIONS ON BACK

Date Received 4-19-83

ICAR(S) Application No. 19491

T. C. No 199-331-09

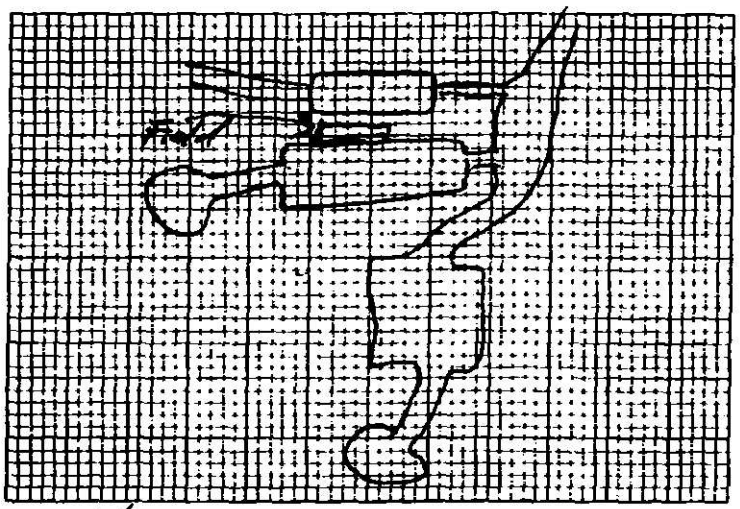
Map Date _____

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.



See Attach map. 3) PLOT PLAN (ACCURATELY DIMENSIONED)

Mobile Home ____Yes X No
Residence Park ____Yes ____No

4) No. of Bedrooms _____
5) Business Use — Max No Employees _____
6) Washing Machine ____Yes X No
7) Garbage Disposal ____Yes X No
8) Dishwasher ____Yes X No
9) Water Supply:
A) Individual Well ✓
B) Governmental System _____
C) Community System: Park
1. Well source _____
2. Governmental source _____
10) Sewage System.
House located within 200 feet of public sewer ____Yes X No
House located within 200 feet of community sewer ____Yes X No
11) FHA Case No. _____
12) VA Case No. _____

13) NAME OF OWNER Mecklenburg County Parks & Rec. (Attn: Douglas Buchanan)
LAST FIRST MIDDLE

14) ADDRESS OF OWNER 700 North Tryon St, Charlotte NC 28202

15) PHONE NO. Home 374-2220 Office _____

16) LOCATION OF SYSTEM Cayen Head Access Area - 13221 Elem Dr.
STREET OR COUNTY ROAD

17) SUBDIVISION _____ Lot No. _____ Block No. _____

Map Book No. _____ Page No. _____

18) DEED REFERENCE — DEED BOOK _____ AT PAGE _____

19) HAS A SOIL INVESTIGATION BEEN RUN? ✓ YES _____ NO DATE RUN Apr. 1-7-83

20) PTR NUMBER (See Instructions) 19491

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.

4-19-83
DATE OF APPLICATION

Douglas E. Buchanan
OWNER

Buchanan

EHD-5-76

ENVIRONMENTAL HEALTH DEPARTMENT'S COPY

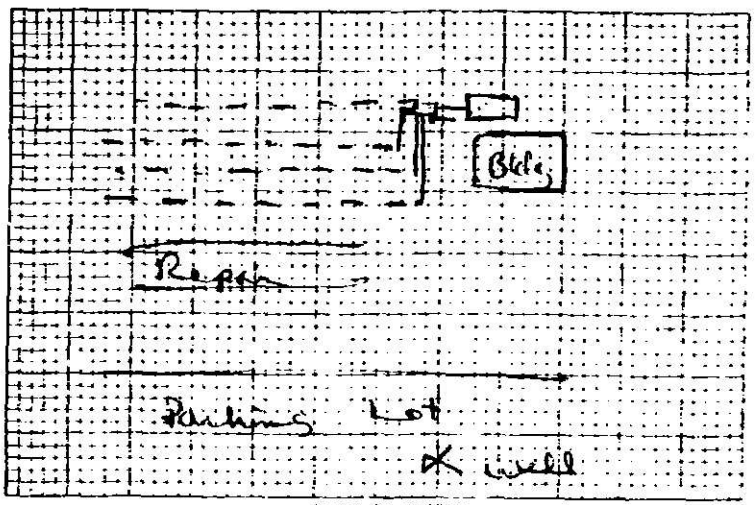
Date Issued 8/12/83 Serial No. 6526 ICAR(S) Permit No. 19491

T. C. No. 199-331-09

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 19491, dated 4/8/83 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 9/12/83, after which date this permit shall be null and void



PLOT OF SYSTEM

Permeability Rate PS

Liquid Capacity of Tank 1000

Tank Construction PC Concrete

Absorption and/or Nitrification Lines

Total Line Length 360' Per Site

Number of Lines 4

Distance from House >5'

Distance from Property Line >10'

Distance from Well >100'

NAME OF OWNER Mecklenburg Co Parks & Rec

LOCATION OF PROPERTY ~~7830 N. Tryon~~ Copperhead Access 13221 Elena Dr

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.

4) 3' wide x 90' long 12" stone min. 3' cover max set D box level

Comments:

Division or Section Head

Randy C Poole RS
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

BE 9-13-83

C of A (s) No. 19491

Date Issued 9/9/83 **Serial** 6085 T. C. No. 199-331-09

MECKLENBURG COUNTY
DEPARTMENT OF ENVIRONMENTAL HEALTH

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

Name of Owner Mecklenburg Co Parks & Recreation (LAST, FIRST, MIDDLE)

Location of Property Coppuhead Access 13221 Elena Dr

Application Number 19491 Permit Number 19491

Inspection Data:

Liquid Capacity of Tank 1000 gal Tank Material PC concrete

Total Length of Drain Tile 360' Number of Lines 4

Depth of Filter Material 12" Cover Depth 1-2'

Water Supply Source Well Distance from Water Source 100'+

Excavation Inspected Final 9/9/83 (DATE) Tank Inspected 9/9/83 (DATE)

Nitrification Field Inspected 9/9/83 (DATE)

Washing Machine Line Inspected, If Applicable N/A (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: Dose step down = 30' each line

Randy C Poole RS
Environmentalist

EHD-S-76

ENVIRONMENTAL HEALTH DEPARTMENT'S COPY