Date Received 10-22-84

MECK COUNTY DEPARTMENT OF
RECEIVED
OCT 19 1984
ENVIRONMENTAL HEALTH

SIR No. 21559

T/P No. 037-071-14

Map Date L

# MECKLENBURG COUNTY
# DEPARTMENT OF ENVIRONMENTAL HEALTH

## APPLICATION FOR SOIL INVESTIGATION

1) NAME OF OWNER Hoover George Robinson
LAST FIRST MIDDLE

2) ADDRESS OF OWNER [illegible] Charlotte ZIP 28216

3) PHONE NO. Home [illegible] Office

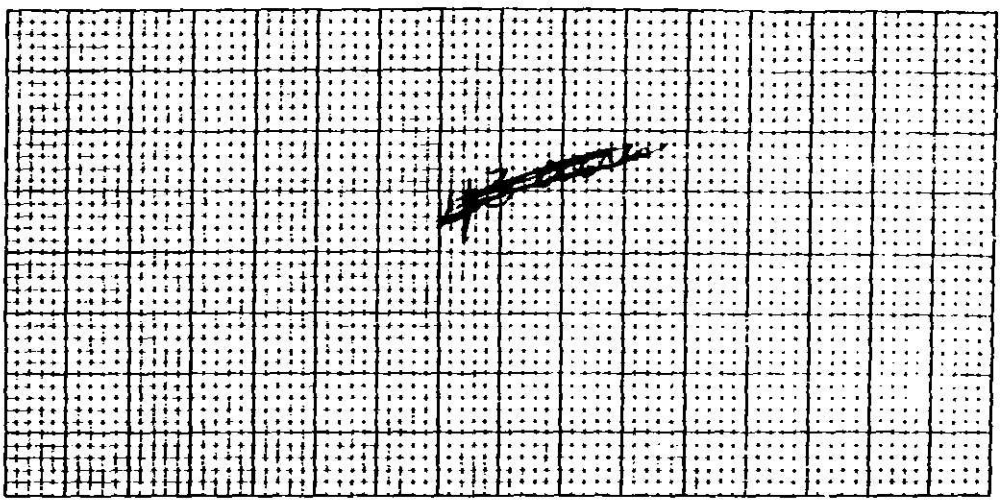
4) LOCATION OF PROPERTY 13150 Vance Ln
STREET OR COUNTY ROAD

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

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

George R. Hoover
OWNER

EHD-5-76

ENVIRONMENTAL HEALTH DEPARTMENT'S COPY

DEPARTMENT OF
ENVIRONMENTAL HEALTH
MECKLENBURG COUNTY,
NORTH CAROLINA

# SITE EVALUATION

S.I.R. NO. 21559

T.C. NO. PO 037-071-14

(Ground Absorption Sewage Disposal)

OWNER: George Hoover
ADDRESS: P.O. Box 3xxC
Charlotte 28216
LOCATION OF SITE: Sunset Road

PLAT NO:
LOT SIZE: 1A?

| FACTORS | AREA 1 | AREA 2 | AREA 3 | AREA 4 |
|---|---|---|---|---|
| 1. SLOPE (%) | S (PS) U 2 - 6 | S PS U | 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 | S PS U | S PS U |
| 3. SOIL STRUCTURE (12-36 inches) | S PS (U) weak Blocky | S PS U | S PS U | S PS U |
| 4. SOIL DEPTH (inches) | S PS (U) 18 - 20" | S PS U | S PS U | S PS U |
| 5. RESTRICTIVE HORIZONS (Inches) (Impervious strata, Rock) | S PS (U) Red PAN Cemented 18 - 24" | S PS U | S PS U | S PS U |
| 6. SOIL DRAINAGE/GROUNDWATER (external and internal) | S PS (U) slow | S PS U | S PS U | S PS U |
| 7. OTHER (Specify) | S PS U | S PS U | S PS U | S PS U |
| 8. SOIL GROUP | IV L | | | |
| 9. SITE CLASSIFICATION | Unsuitable | | | |
| 10. SOIL SERIES | Helena | | | |

S - Suitable PS - Provisionally Suitable U - Unsuitable

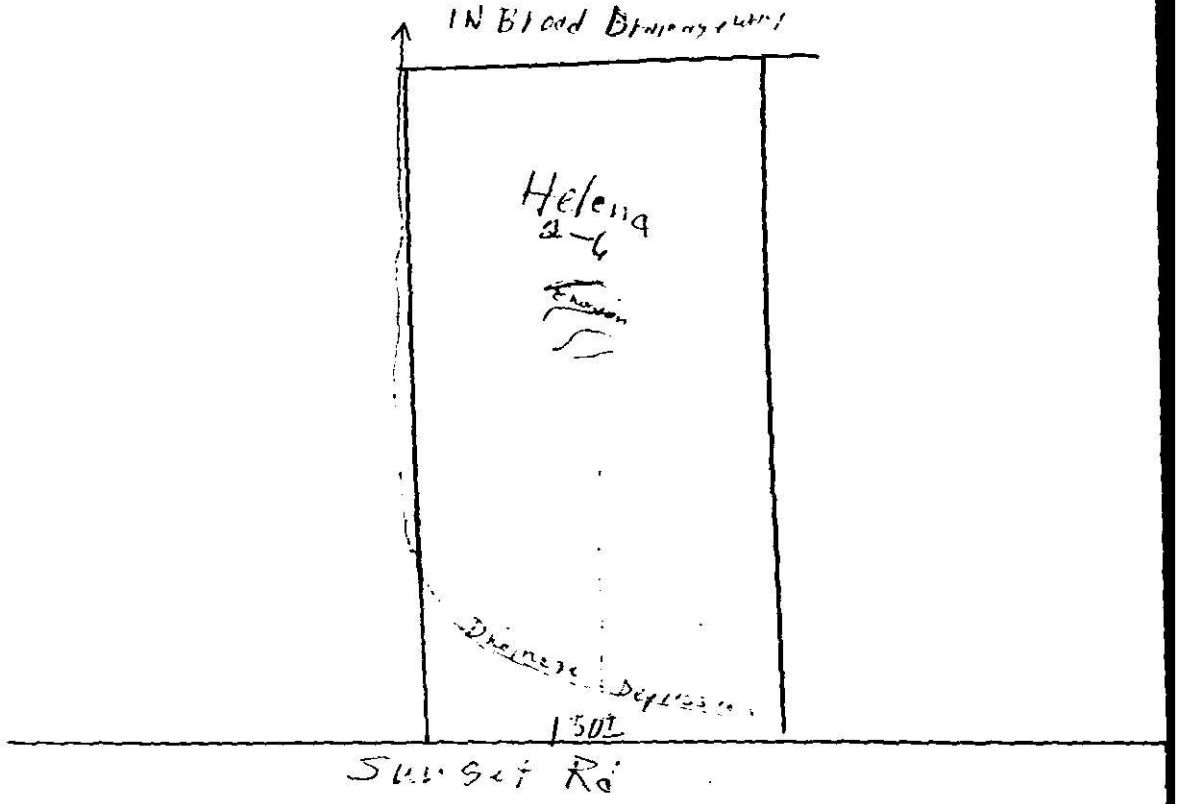
**See Diagram on Back (includes: soil areas, property lines, roads, streams, gullies, wet areas, fill areas, wells, water bodies, slopes)

Recommendations/Comments:

Described by: W. B. Kamsey
Title: Sanitarian

Date: 10-25-84

3H


IN Blood Drainage Ditch
Helena
a-4
Erosion
Drainage Depression
150'
Sunset Rd

# MECKLENBURG COUNTY
## Department of Environmental Health

October 26, 1984

George R. Hoover
Route 9, Box 388-C
Charlotte, NC 28216

Re: Property located at Sunset Road, SIR 21559, TC #PO 037-071-14

Dear Sir:

At your request a soils investigation was conducted on the property designated above. Results of this investigation showed the site to be classified as unsuitable under criteria as set forth in Section .1900 of the North Carolina Administrative Code, Title 10, Department of Human Resources, Chapter 10, Division of Health Services; Sanitary Engineering Section, Subchapter 10A, Sanitation.

The soil on this property is not suitable for use with any conventional system, modified or alternative, with which I am aware.

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

Sincerely,

Bill D. Hardister, Jr.

Bill D. Hardister, Jr.
Environmental Health Department

Enclosure

2nd Site

DEPARTMENT OF ENVIRONMENTAL HEALTH
MECKLENBURG COUNTY, NORTH CAROLINA

SITE EVALUATION

S.I.R. NO. 21559

T.C. NO. 70 037-071-14

(Ground Absorption Sewage Disposal)

OWNER: George Hoover
ADDRESS: R-9 Box 388C Charlotte 28216
PLAT NO:
LOT SIZE: 1A
LOCATION OF SITE: SUNSET ROAD

| FACTORS | AREA 1 | AREA 2 | AREA 3 | AREA 4 |
|---|---|---|---|---|
| 1. SLOPE (%) | (S) PS U 2-6 | (S) PS U 2-6 | 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) Mixed Clay | S PS U | S PS U |
| 3. SOIL STRUCTURE (12-36 inches) | S (PS) U Blocky | S PS (U) Weak Blocky | S PS U | S PS U |
| 4. SOIL DEPTH (inches) | S PS (U) 24-36" | S PS (U) 24-36" | S PS U | S PS U |
| 5. RESTRICTIVE HORIZONS (Inches) (Impervious strata, Rock) | S (PS) U None | S (PS) U None | 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 | IIIa | IIIe | | |
| 9. SITE CLASSIFICATION | Unsuitable | Unsuitable | | |
| 10. SOIL SERIES | Shallow Cecil | ENON & Helena | | |

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)

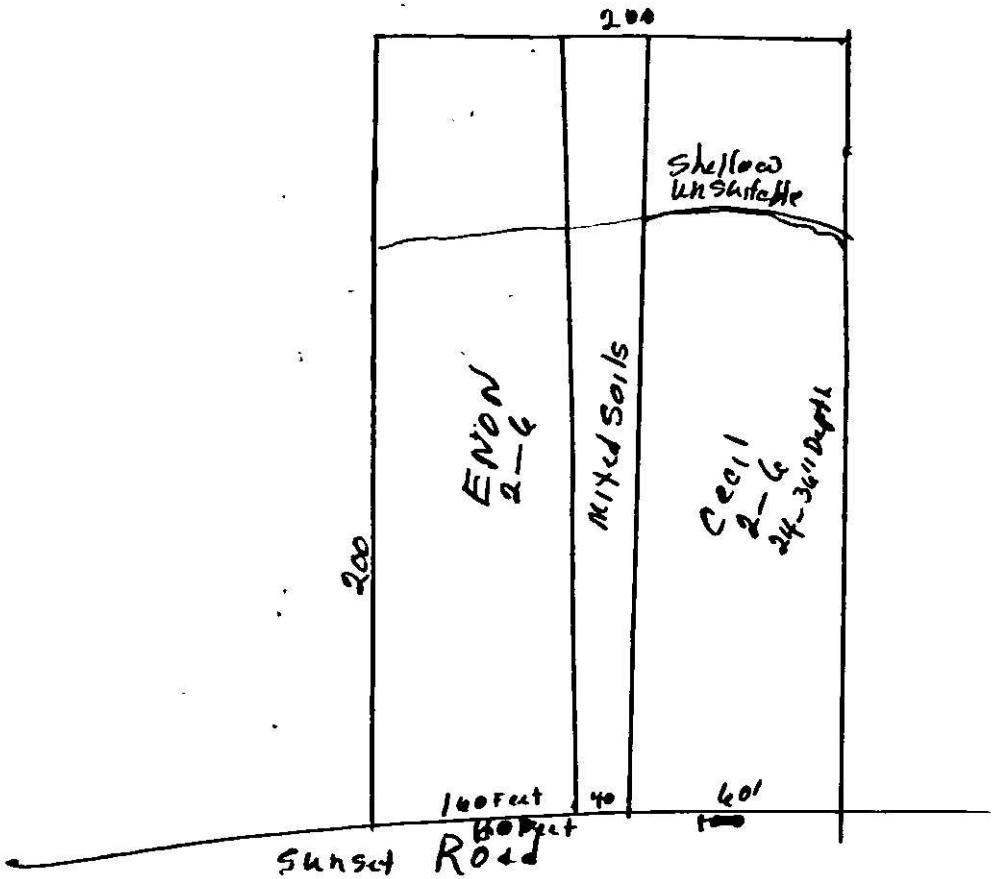
Recommendations/Comments:

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

Date: 11-2-84

2A

the Soil


200
Shallow
Unsuitable
ENON
2-6
Mixed Soils
Cecil
2-6
24-36" Depth
200
160 Feet
40
40'
Sunset Road

# MECKLENBURG COUNTY
## Department of Environmental Health

FILE NO. 21559

DATE 11-6-84

George R. Hoover
Route 9, Box 388-C
Charlotte, NC 28216

Re: Property located at Sunset Road, TC #PO 037-07o-14

Dear Sir:

At your request a soils investigation was conducted on the property designated above. Results of this investigation, showed the site to be classified unsuitable for the installation of a ground absorption sewage disposal system. A copy of the site evaluation report is enclosed for your information.

North Carolina General Statute 130A-335 and 10 NCAC 10A .1948 (c) provides that:

> Sites originally classified as UNSUITABLE may be used for soil absorption disposal systems, provided engineering, hydrogeologic, and soil studies indicate to the local health department that a suitable septic tank system or a suitable alternate system can reasonably be expected to function satisfactorily. Such sites may be reclassified as PROVISIONALLY SUITABLE upon submission to the local health department and when requested by the local health department to the state agency of the following:
>
> (1) Adequate substantiating data to indicate that a ground absorption system can be installed so that the effluent will receive adequate treatment;
>
> (2) Adequate substantiating data to indicate that the effluent will not contaminate any drinking water supply, ground water used for drinking water, or any surface water;
>
> (3) Adequate substantiating data to indicate that the effluent will not be exposed on the ground surface or be discharged to surface waters where it would come in contact with people, animals, or vectors.

Upon receipt of a request for reclassification as provided for above, the submission of plans and specifications for an applicable sewerage treatment system, and the approval of such system as submitted, the department will issue the appropriate permits.

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

Sincerely,

Bill D. Hardister, Jr.

Bill D. Hardister, Jr.
Environmental Health Supervisor

Enclosure

Call When Coming

Date Received 10-22-84

Ph-3925689

RECEIVED
OCT 19 1984
ENVIRONMENTAL HEALTH

LCAR(S) Application No. 21559

T. P. No. 037-071-14

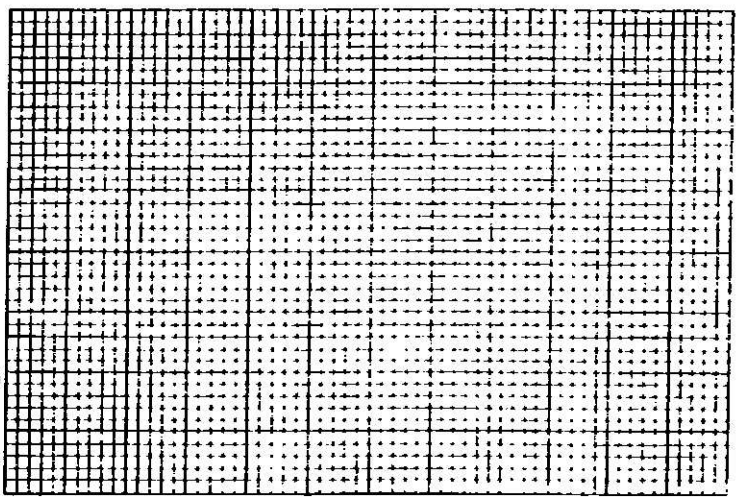
Map Date L

# 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) __ Y 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 __ (LAST) __ (FIRST) __ (MIDDLE)

14) ADDRESS OF OWNER __

15) PHONE NO. Home __ Office __

16) LOCATION OF SYSTEM __ (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 __

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.

10 - 17 - 84
DATE OF APPLICATION

OWNER

EHD-5-76

Environmental Health Department's Copy

Serial No. 8006

SIR No. 21559

Date Issued 11-20-84

T. C. No. PO 037-071-14

Map Date L CET

IMPROVEMENT PERMIT

# 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 Hoover, (LAST) Georgw (FIRST) Robinson (MIDDLE)

ADDRESS OF OWNER Rt. 9, Box 388-C, Charlotte, NC ZIP 28216

LOCATION OF LOT 1315 Sunset Road (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 21559. 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.
3. System to be LPP design.

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.

*** LIFT STATION MAY BE REQUIRED ***

Environmentalist

Environmental Health Director, or Authorized Section Head

HD-5-76

Environmental Health Department's Copy

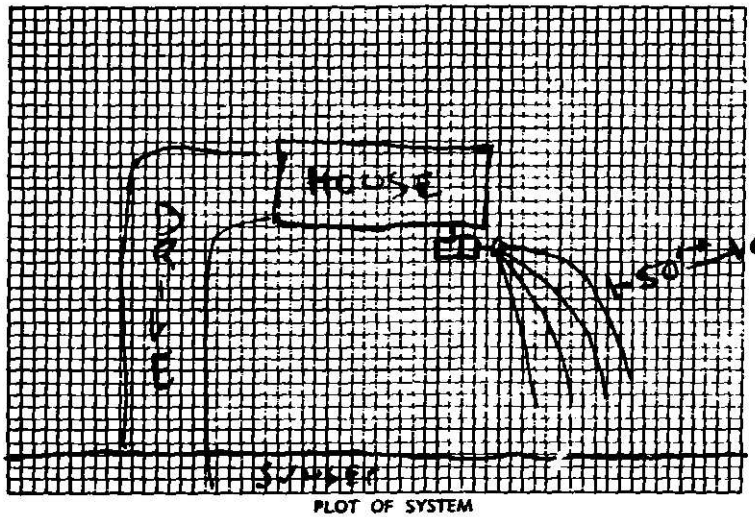
Date Issued 9-6-85 Serial No. 08481 ICAR(S) Permit No. 21559

T. C. No. 037-071-14

Map Date L

# 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 21559, dated 10-22-84 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 10-6-85, after which date this permit shall be null and void.




PLOT OF SYSTEM

Permeability Rate PS

Liquid Capacity of Tank 1500 gal

Tank Construction PCC

Absorption and/or Nitrification Lines.

Total Line Length 900'

Number of Lines 4

Distance from House 5'

Distance from Property Line 10'

Distance from Well 50'

NAME OF OWNER HOOVER GEORGE R.

LOCATION OF PROPERTY 1315 SUNSET RD

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 lines x 100' long x 3' wide x 12" bore x N. more than 36" deep

Comments:

B. Hardister
Division or Section Head

Kelly Randall
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-5-74

Environmental Health Department's Copy

C of A (s) No. 21559

Date Issued 9-9-85 **Serial** 7839 T. C. No PO 037-07E-4

L CLT.

# MECKLENBURG COUNTY
# DEPARTMENT OF ENVIRONMENTAL HEALTH

## CERTIFICATE OF APPROVAL

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

Name of Owner HOOVER (LAST) GEORGE (FIRST) R (MIDDLE)

Location of Property 1315 SUNSET RD

Application Number 21559 Permit Number 21554

**Inspection Data:**

Liquid Capacity of Tank 1500 gal Tank Material PCC

Total Length of Drain Tile 400 Number of Lines 4

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

Water Supply Source well Distance from Water Source 50'+

Excavation Inspected 9-9-85 (DATE) Tank Inspected 9-9-85 (DATE)

Nitrification Field Inspected 9-9-85 (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 ____

Environmentalist

EHD-S-76