Date Received 9-17-84

SIR No. 21458

T. C. No. 205 16 01 Plat

Map Date

CALL FIRST
Bob Baker
377-4186

MECKLENBURG COUNTY
DEPARTMENT OF ENVIRONMENTAL HEALTH

APPLICATION FOR SOIL INVESTIGATION

1) NAME OF OWNER Norris (LAST) Edgar (FIRST) Lee (MIDDLE)

2) ADDRESS OF OWNER 5326 Haney Rd ZIP 29745

3) PHONE NO. Home 831-7741 Office 523-1174

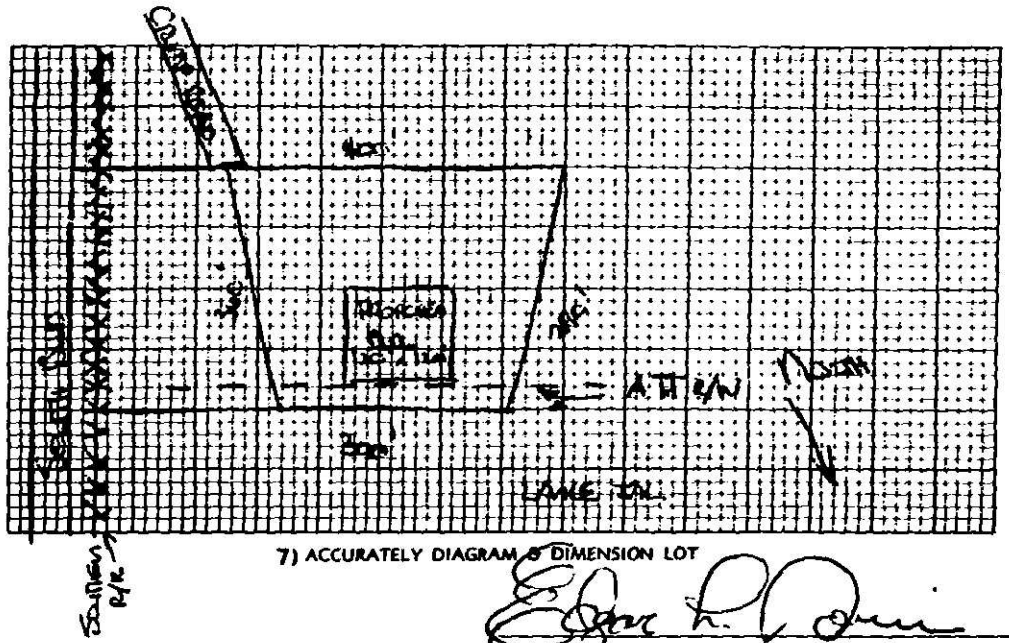
4) LOCATION OF PROPERTY ~~State Rt. 5 Box~~ 8832 Crump Road (STREET OR COUNTY ROAD)

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

Edgar L. Norris
OWNER

EHD-S-76

Environmental Health Department's Copy

DEPARTMENT OF
ENVIRONMENTAL HEALTH
MECKLENBURG COUNTY,
NORTH CAROLINA

SITE EVALUATION

S.I.R. NO. 21458

T.C. NO. PO 205-161-01

(Ground Absorption Sewage Disposal)

OWNER: Edgar Lee Norris
ADDRESS: 5326 Haney Road
York, N.C. 29745
LOCATION OF SITE: 8832 Crump Road

PLAT NO:
LOT SIZE: Approx 10000 inc

FACTORS	AREA 1 .25	AREA 2	AREA 3	AREA 4
1. SLOPE (%)	S 8-15% PS U	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 Some 2-1 Clay	S PS U	S PS U	S PS U
3. SOIL STRUCTURE (12-36 inches)	S PS U Blocky	S PS U	S PS U	S PS U
4. SOIL DEPTH (inches)	S PS U 36-38"	S PS U	S PS U	S PS U
5. RESTRICTIVE HORIZONS (Inches) (Impervious strata, Rock)	S PS U >36"	S PS U	S PS U	S PS U
6. SOIL DRAINAGE/GROUNDWATER (external and internal)	S PS U >36" To ground water	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 IVA

9. SITE CLASSIFICATION Provisionally Suitable

10. SOIL SERIES Cecil Mecklenburg

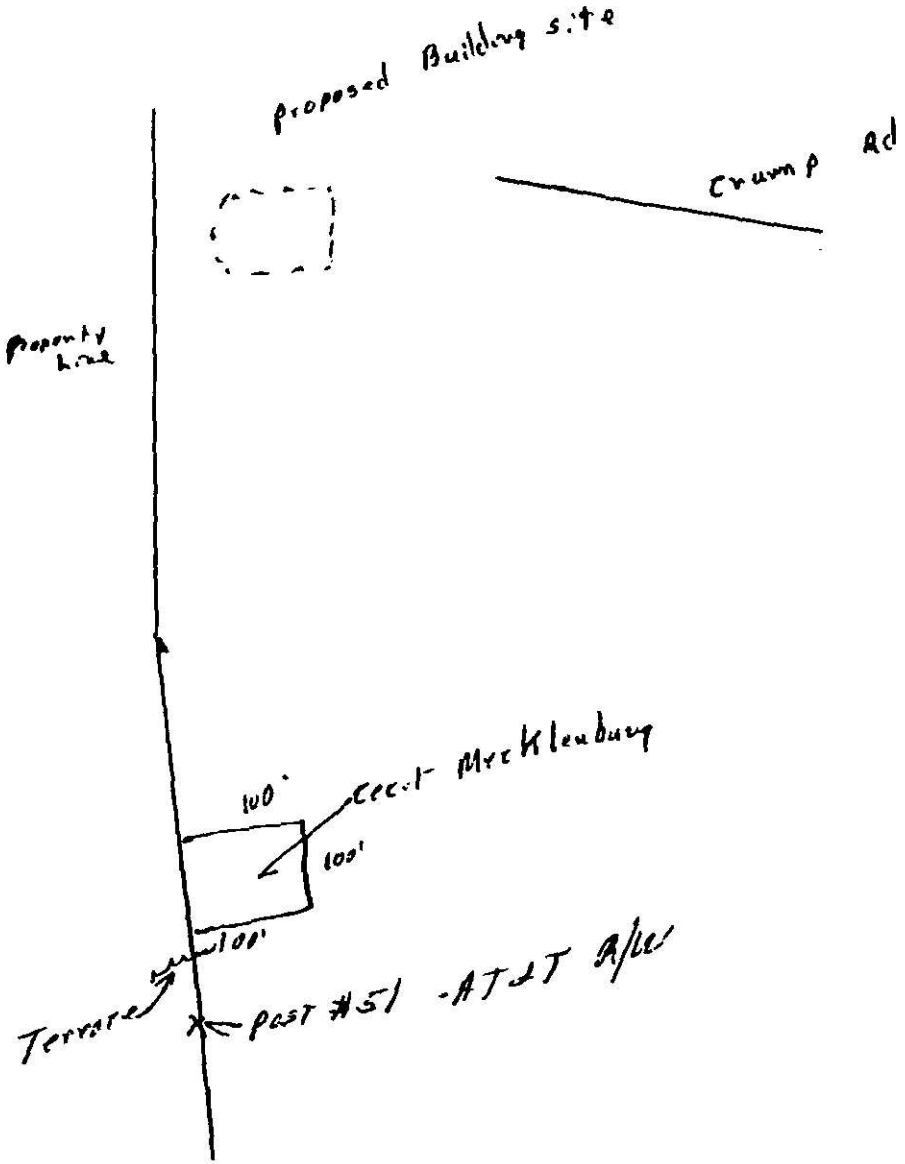
S - Suitable PS - Provisionally Suitable U - Unsuitable

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

Recommendations/Comments: site w/ acceptable soils 800-1000' feet away from building site

Described by: William R. Marlin
Title: Soil Scientist

Date: 11-9-84


proposed Building site
Crump Rd
Property Line
100'
Cecil Mecklenburg
100'
100'
Terrace
post #51 - AT&T R/W

MECKLENBURG COUNTY
Department of Environmental Health

FILE NO. 21458

DATE PO 205-161-01

Edgar L. Norris
5326 Haney Road
York, SC 29745

Re: Property located at 8832 Crump Road

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 could 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

DEPARTMENT OF
ENVIRONMENTAL HEALTH
MECKLENBURG COUNTY,
NORTH CAROLINA

SITE EVALUATION

S.I.R. NO. 21458

T.C. NO. P0205-161-01

(Ground Absorption Sewage Disposal)

OWNER: Edgar Lee Norris
ADDRESS: 5326 Haney Road
York, SC 29745
LOCATION OF SITE: 8832 Crump Road

PLAT NO:
LOT SIZE: Approx 131,000

FACTORS	AREA 1	AREA 2	AREA 3	AREA 4
1. SLOPE (%)	S / PS 2-6% / U	S / PS 2-9% / 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 clay loam to sandy clay loam / U	S / PS / U	S / PS / U
3. SOIL STRUCTURE (12-36 inches)	S / PS compacted / U	S / PS Weak Blocky / U	S / PS / U	S / PS / U
4. SOIL DEPTH (inches)	S <36" / PS undisturbed / U soil	S 12-18" / PS / U	S / PS / U	S / PS / U
5. RESTRICTIVE HORIZONS (Inches) (Impervious strata, Rock)	S <30" / PS / U	S 12-18" / PS / U	S / PS / U	S / PS / U
6. SOIL DRAINAGE/GROUNDWATER (external and internal)	S >30" to / PS ground / U water	S Depression / 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	WA	WA		
9. SITE CLASSIFICATION	unsuitable	unsuitable		
10. SOIL SERIES	Filled Area	Shallow AC Material		

S - Suitable PS - Provisionally Suitable U - Unsuitable

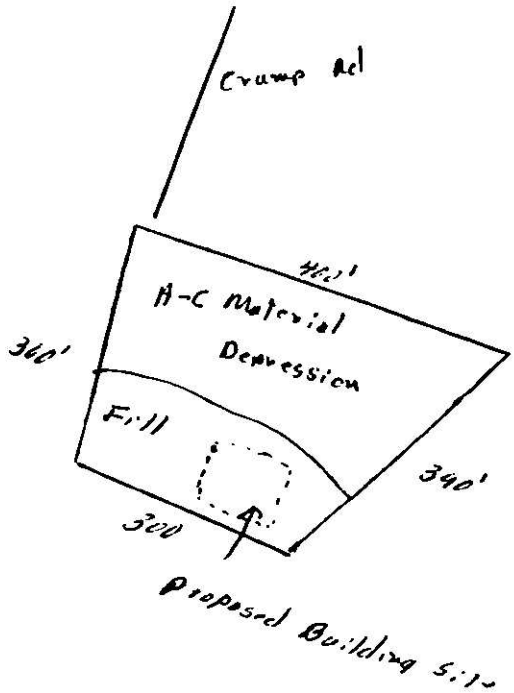
**See Diagram on Back (includes: soil areas, property lines, roads, streams, gullies, wet areas, fill areas, wells, water bodies, slopes)

Recommendations/Comments: additional area below building site checked 10-25-94 w/ Ed Norris - No provisionally suitable soils found. WAM

Described by: William A. Martin
Title: Soil Scientist

Date: 10-9-94

24


Cramp Rd
400'
A-C Material
Depression
360'
Fill
340'
300
Proposed Building Site

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

October 25, 1984

Edgar L. Norris
5326 Hangy Road
York, SC 29745

Reference: Property located at 8832 Crump Road

Dear Mr. Norris:

Receipt of your plan for an alternate system of liquid waste disposal on the above referenced property, is hereby acknowledged. Upon receipt of the plan, a review was made of the soil evaluation conducted on October 9, 1984. A separate site evaluation was made on October 24, 1984. The plan was then reviewed in conjunction with "Laws And Rules For Sanitary Sewage Collection, Treatment, And Disposal", 10 NCAC 10A .1900. Our comments are listed below:

1) As presented, the system would require fifty inches of soil depth for the installation (including the twelve inches of naturally occurring soil required beneath the nitrification trench). The soils on the lot range from twelve to eighteen inches deep.

2) State regulations require the soil in the installation area to be provisionally suitable as to structure and texture. Due to cut and fill operations on the site, any soils which might have been usable have been destroyed by compaction.

3) Substantiating data has not been presented to indicate that the proposed system (1) would be expected to properly treat the effluent, (2) would not allow effluent to be exposed on the surface of the ground, and (3) would not allow effluent to contact any surface or groundwater supplies.

For these reasons, the plan as submitted has been disapproved.

Sincerely,

Bill D. Hardister, Jr.

Bill D. Hardister, Jr.
Environmental Health Supervisor
On Premises Waste Disposal Section

BDH/kbg

cc: File 21458

Serial No. 5940

SIR No. 21458

Date Issued 11-13-84

T. C. No. PO 205-161-01

Map Date L

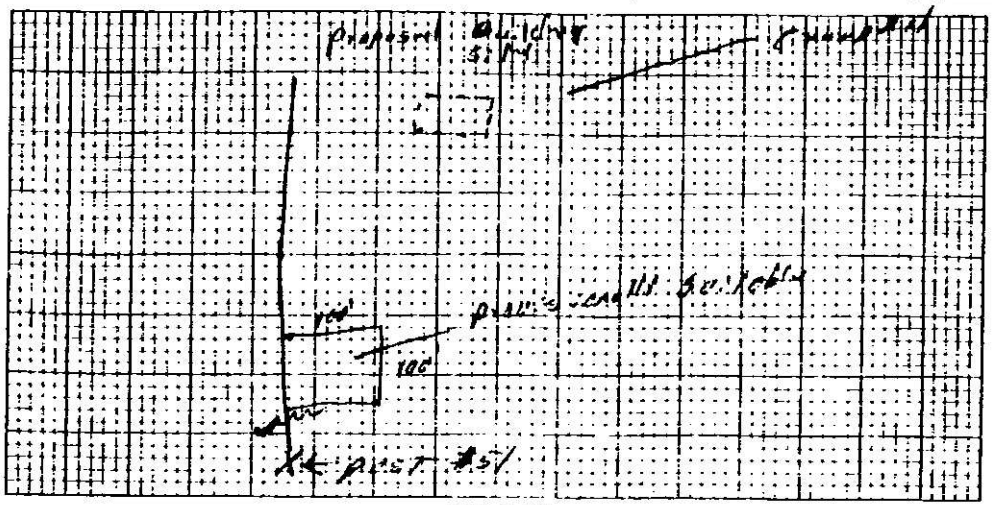
MECKLENBURG COUNTY
DEPARTMENT OF ENVIRONMENTAL HEALTH
SOIL INVESTIGATION REPORT

NAME OF OWNER Norris, (LAST) Edgar (FIRST) L. (MIDDLE)

ADDRESS OF OWNER 5326 Haney Road, York, SC ZIP 29745

LOCATION OF PROPERTY 8832 Crump Road (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 said 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, 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 and based on the permeability rate obtained above, and on the size and type of building constructed therein.
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 paving, has been 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, or for 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.

William C. Martin
Soil Scientist

Eric D. Hardister
Environmental Health Director or
Authorized Section Head

EHD-5-76

Environmental Health Department's Copy

SEE INSTRUCTIONS ON BACK

Date Received 9/7/84

ICAR(S) Application No. 21458

T.C. No. 205 16101 PART OF

Map Date L

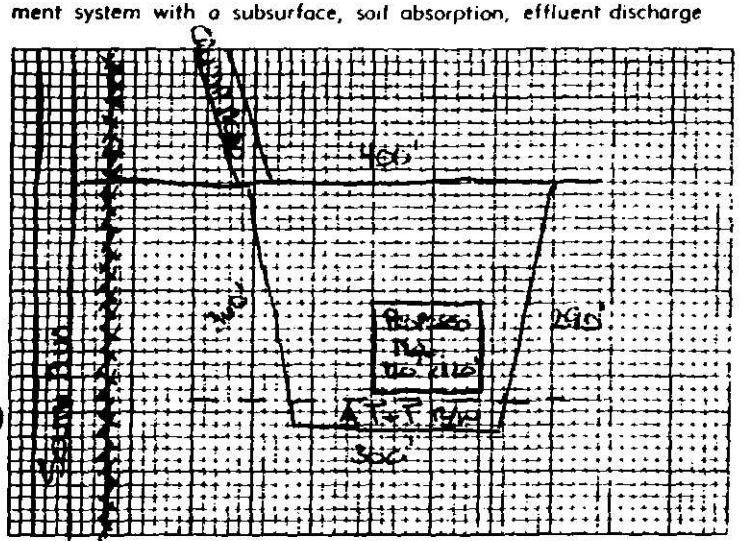
CALL FIRST
BOB BAKER
377-4186

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
Business ___ ✓ Yes ___ No

4) No of Bedrooms 0
5) Business Use — Max No Employees 16
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 NORRIS (LAST) EDGAR (FIRST) LEE (MIDDLE)

14) ADDRESS OF OWNER 5326 HANEY RD YORK, S.C. 29745

15) PHONE NO. Home 831-7741 Office 523-1174

16) LOCATION OF SYSTEM ~~8832 CRUMP ROAD~~ 8900 South Blvd (add chg) per Eng Dept
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.

9-4-84
DATE OF APPLICATION

[signature]
OWNER

EHD-5-76

Environmental Health Department's Copy

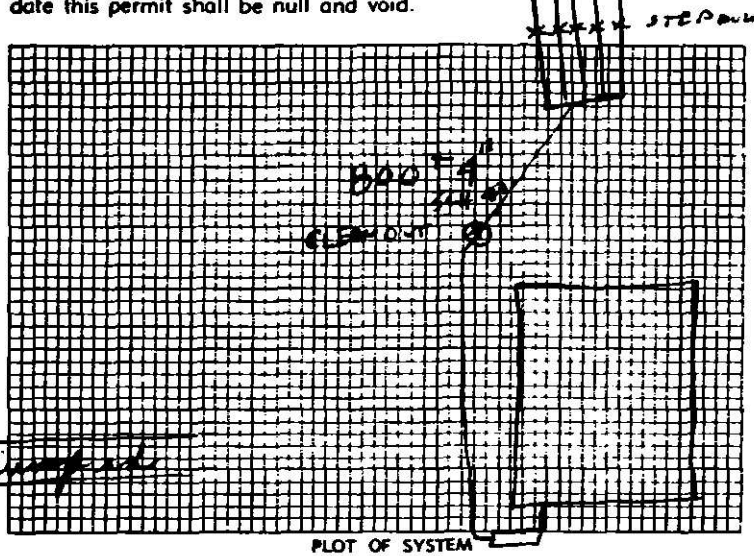
Date Issued 12-26-84

Serial No. 07781

ICAR(S) Permit No. 21458
T. C. No. 205-161-01
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 21458, dated 9-4-84 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 1-26-85, after which date this permit shall be null and void.



PLOT OF SYSTEM

Permeability Rate Pd

Liquid Capacity of Tank 1500

Tank Construction PCC

Absorption and/or Nitrification Lines:

Total Line Length 445 500'

Number of Lines 5

Distance from House 5'

Distance from Property Line 10'

Distance from Well not in yet

NAME OF OWNER Edgar Norris

LOCATION OF PROPERTY 8832 Twango Rd 89 or South Blvd

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.

5 lines 3'x100'x12" stone

Comments:

Division or Section Head

D. R. Ferguson
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

C of A (s) No. 21458

Date Issued 1-31-85 **Serial** 7275 T. C. No. PO 205-161-01

L [redacted] CET

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 Norris (LAST) Edgar (FIRST) (MIDDLE)

Location of Property ~~8832 Crump Rd.~~ 8900 South Blvd.

Application Number 21458 Permit Number 21458

Inspection Data:

Liquid Capacity of Tank 1500 Tank Material PVC

Total Length of Drain Tile 500' (KR) Number of Lines 5 x 100' (KR)

Depth of Filter Material 12" rock (KR) Cover Depth 1-2' (KR)

Water Supply Source not in yet Distance from Water Source —

Excavation Inspected 1-9-85 (DATE) Tank Inspected 1-9-85 (DATE) B.F.

Nitrification Field Inspected 1-18-85 (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 _____

B. K. Ferguson
Environmentalist

EHD-5-76

Environmental Health Department's Copy