DEPARTMENT OF
ENVIRONMENTAL HEALTH
MECKLENBURG COUNTY,
NORTH CAROLINA

SITE EVALUATION

S.I.R. NO. 1990 7

T.C. NO. PO229-00103

(Ground Absorption Sewage Disposal)

OWNER: Eudora B. Garrison
ADDRESS: 4216 Stuart-223 Fairbrig Charlotte, NC.
LOCATION OF SITE: Blakeney Heath Area

PLAT NO: Lot A
LOT SIZE: 43,750

FACTORS	AREA 1	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 (2-1 clay) U	S PS U	S PS U	S PS U
3. SOIL STRUCTURE (12-36 inches)	S (PS) Blocky U	S PS U	S PS U	S PS U
4. SOIL DEPTH (inches)	S PS 24-36" (U)	S PS U	S PS U	S PS U
5. RESTRICTIVE HORIZONS (Inches) (Impervious strata, Rock)	S Saprolite PS 24" U	S PS U	S PS U	S PS U
6. SOIL DRAINAGE/GROUNDWATER (external and internal)	S >36" PS Ground water U	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	IIB			
9. SITE CLASSIFICATION	Class I Soils			
10. SOIL SERIES	Mecklenburg-Lloyd			

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)

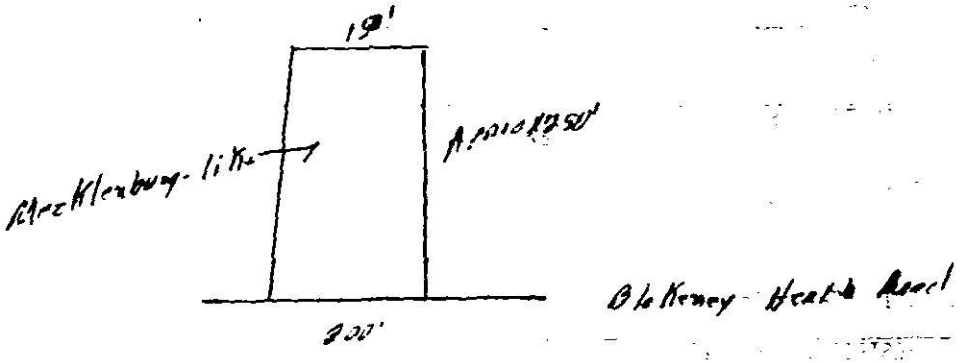
Recommendations/Comments: _____

Described by: William D'Angelo
Title: Soil Scientist

Date: 7-28-83

EHD 539 (Revised: 6/82)

1/2


19'
MacKlenburg-like
Oldkenney-Heath Road

MECK COUNTY DEPARTMENT OF
RECEIVED
JUL 25 1983
ENVIRONMENTAL HEALTH

HICKS & STERRETT
ATTORNEYS AT LAW
823 LAW BUILDING
CHARLOTTE NORTH CAROLINA 28202

EUGENE C HICKS III
TATE K STERRETT

CARLTON S CLARBY, JR

TELEPHONE
AREA CODE 704
333-5075

July 22, 1983

Mr. William R. Marlin
Mecklenburg County Department
of Environmental Health
1200 Blythe Boulevard
Charlotte, North Carolina 28203

RE: Septic tank location

Dear Mr. Marlin:

As Attorney and Agent for Eudora B. Garrison, and Lina B. Ardrey, the owners of a tract of land containing approximately 41.8 acres, which is located on Blakeney Heath Road in Mecklenburg County and is designated as tax parcel #229-051-04 (shown in red on the attached map), this is to request that you conduct an environmental study of said tract of land, to determine where septic tanks can be placed thereon.

Also, as Attorney and Agent for Eudora B. Garrison, Trustee, one of the owners of that certain tract of land containing approximately 15.4 acres of land, located across Blakeney Heath Road from the 41.8 acre tract, and designated as tax parcel #229-081-03 (shown in red on the attached map), this is to request that you also make an environmental study of said 15.4 acre tract, to determine where a septic tank may be placed on same. It is my impression that this tract of land is going to be divided into approximately three separate tracts consisting of five acres each; Sam Roper can explain this to you in more detail.

Very truly yours,

HICKS & STERRETT

Tate K. Sterrett

Tate K. Sterrett

TKS:vhg
Enclosures
cc: Mr. Sam Roper
5301 Hardison Road
Charlotte, North Carolina 28211

Date Received Aug 11, 1983

ICAR (S) Application No. 1990 7

T C. No. 4-C229-CC-03

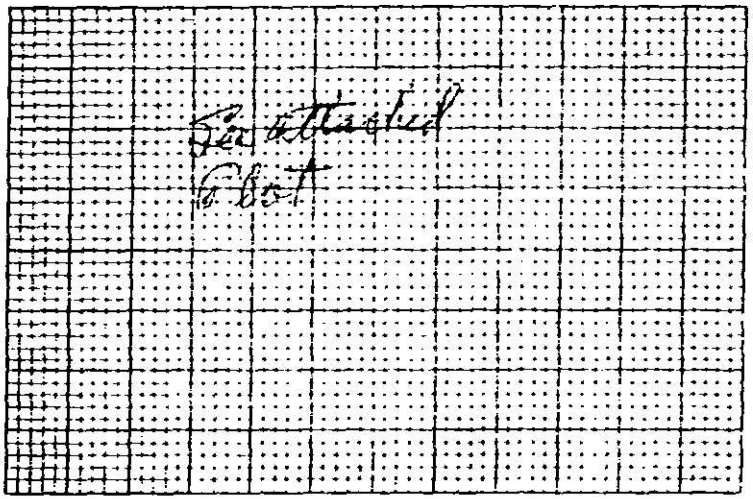
Map Date 7-22-83

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 Tuckwiller (LAST) John (FIRST) S (MIDDLE)

14) ADDRESS OF OWNER 131 Princeton Rd 28207

15) PHONE NO. Home 527-4509 Office 333-0171

16) LOCATION OF SYSTEM 9213 Pickering Heath Road (STREET OR COUNTY ROAD)

17) SUBDIVISION ____ Lot No. ____ Block No. ____

Map Book No. 229 Page No. 021

18) DEED REFERENCE — DEED BOOK 4641 AT PAGE 952

19) HAS A SOIL INVESTIGATION BEEN RUN? ✓ YES ____ NO DATE RUN 7/25/83

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.

8/2/83
DATE OF APPLICATION

John S. Tuckwiller
OWNER

EHS-S-76 ENVIRONMENTAL HEALTH DEPARTMENT'S COPY

STATE OF NORTH CAROLINA
COUNTY OF MECKLENBURG

BOOK PAGE

4708 0259

SEPTIC TANK AGREEMENT 19907

The undersigned, John S. Touchberry, owner of property located at 9803 Mahony Heath Road ("the site") and described in instrument recorded in Book 4641 at Page 222, Mecklenburg Public Registry, hereby acknowledges that he applied to the Department of Environmental Health for a permit to install a septic tank sewage disposal system on the site; the Department evaluated the site for suitability for such a system in accord with the regulations promulgated by the North Carolina Commission for Health Services as 10 NCAC 10A .1900 et seq; that the Department classified the site as unsuitable and an appropriate permit was issued by the Department. 130

The undersigned further acknowledges that the proper design, construction, and maintenance of such septic tank system is his responsibility and that neither the Department nor its officials, employees or agents warrant or guarantee that the said system installed pursuant to the permit issued by the Department will function in a satisfactory manner for any given period of time or that the Department, its officials, employees or agents assume any liability for damages, consequential or direct, which are caused, or which may be caused by a malfunction of such system.

This document shall be placed on the public records of the Register of Deeds of Mecklenburg County and indexed therein under the Grantor Index in the name or names of the undersigned, and the foregoing acknowledgements shall henceforth be binding on all persons claiming any right, title, or interest in the site.

And the undersigned further agrees for himself, his heirs and assigns that he shall indemnify and hold harmless the Department and its successors, as well as Mecklenburg County, for any damages or other claims of any person or persons whatsoever arising out of the installation operation, or failure of said septic tank system.

And the undersigned further agrees for his heirs and assigns that, in the event any septic tank system installed under authority of the aforesaid permit fails to perform adequately, in any respect, he will take whatever measures are required to correct same; or if such is impossible he will discontinue use of said system immediately.

Use of the singular masculine pronoun forms herein shall be deemed to also include the plural and feminine forms as the context may require.

This 12 day of August, 1983.

John Stephen Touchberry (Seal)

PRESENTED FOR REGISTRATION 2 30 PM '83 MARLIEL L. SCHNEIDER REGISTER OF DEEDS MECKLENBURG COUNTY

FEE 5.00
CASH 5.00

STATE OF NORTH CAROLINA
COUNTY OF MECKLENBURG

I, Mary B. Mathis, a Notary Public for said County and State, do hereby certify that John S. Touchberry personally appeared before me this date and acknowledged the due execution of the foregoing instrument.

16:26 88749 000 08/15/83

WITNESS my hand and notarial seal, this 8th day of August, 1983.

Mary B Mathis
Notary Public
My Commission Expires: 7-29-85

STATE OF NORTH CAROLINA
COUNTY OF MECKLENBURG

I, _____, a Notary Public for said County and State, do hereby certify that _____ personally came before me this day and acknowledged that he is _____ of _____, and that by authority duly given and as the act and deed of said corporation, the foregoing instrument was signed in its name by its _____, sealed with its corporate seal and attested by _____.

WITNESS my hand and notarial seal, this _____ day of _____, 19___.

Notary Public
My Commission Expires: _____

Mail To: [redacted] Sam Roper
Roper Land Co. Charlotte N.C.
8301 Hardison Rd 28226
Drawn By: Environmental Health

BOOK ESTATE PAGE
4708 0260

State of North Carolina, County of Mecklenburg
The foregoing certificate(s) of Mary B. Mathis

a Notary(ies) Public of said County and State
is/are certified to be correct. This 15 day of August 1983
Charles E. Crowder, Register of Deeds, By: Mary M. Posey DEPUTY

BT 9-1-83

SIR No. 19907

Date Issued 8-30-83 Serial No. 6731

T. C. No. PO 229-081-03

Map Date CRT

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 Touchberry, (LAST) John (FIRST) S (MIDDLE)

ADDRESS OF OWNER 131 Providence Road, Charlotte, NC ZIP 28207

LOCATION OF LOT 9803 Blakeney Heath 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 ~~19907~~. 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.

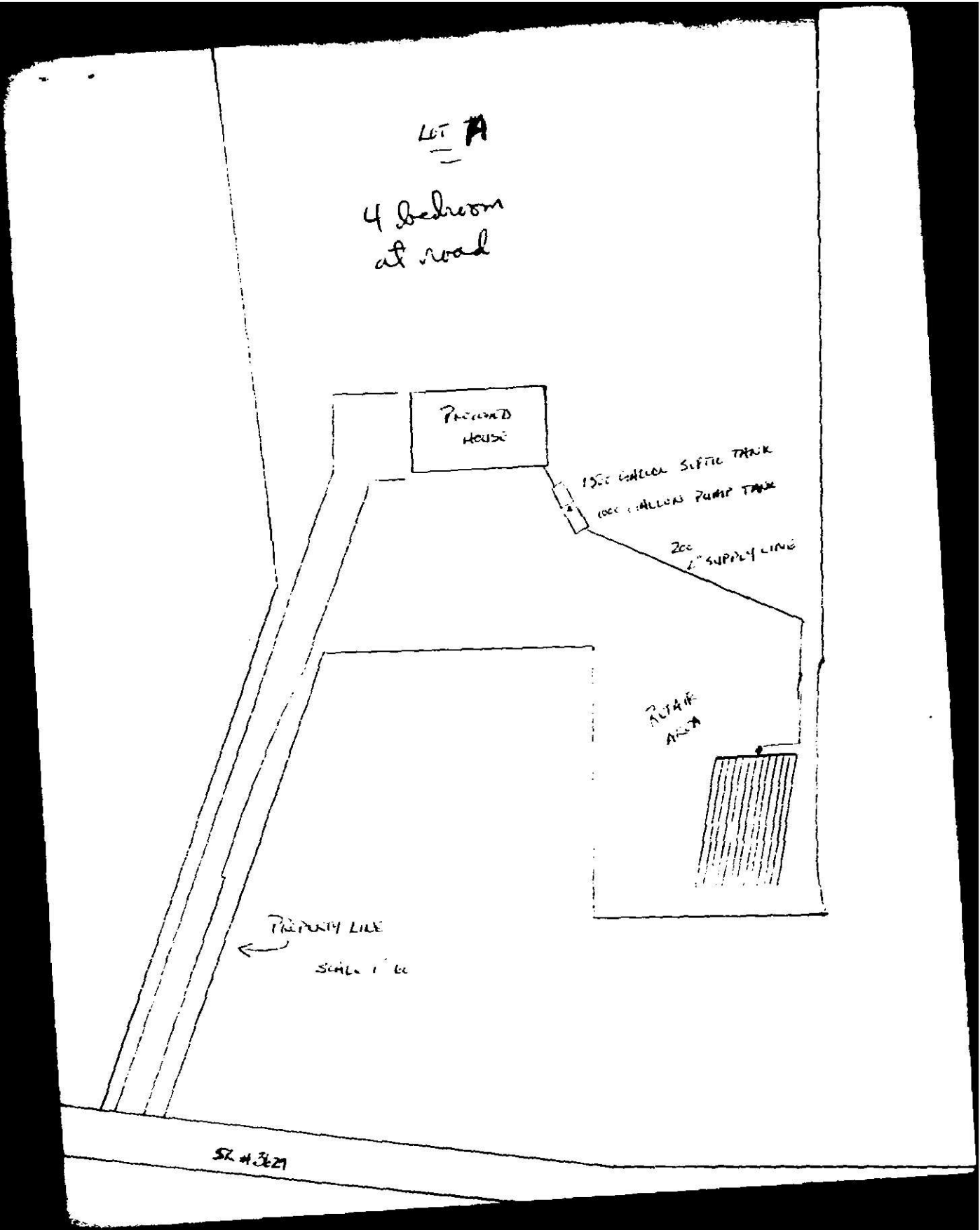
*** AGREEMENT FORM ON FILE ***

Environmentalist

Bill D. Underhill Jr.
Environmental Health Director, or Authorized Section Head

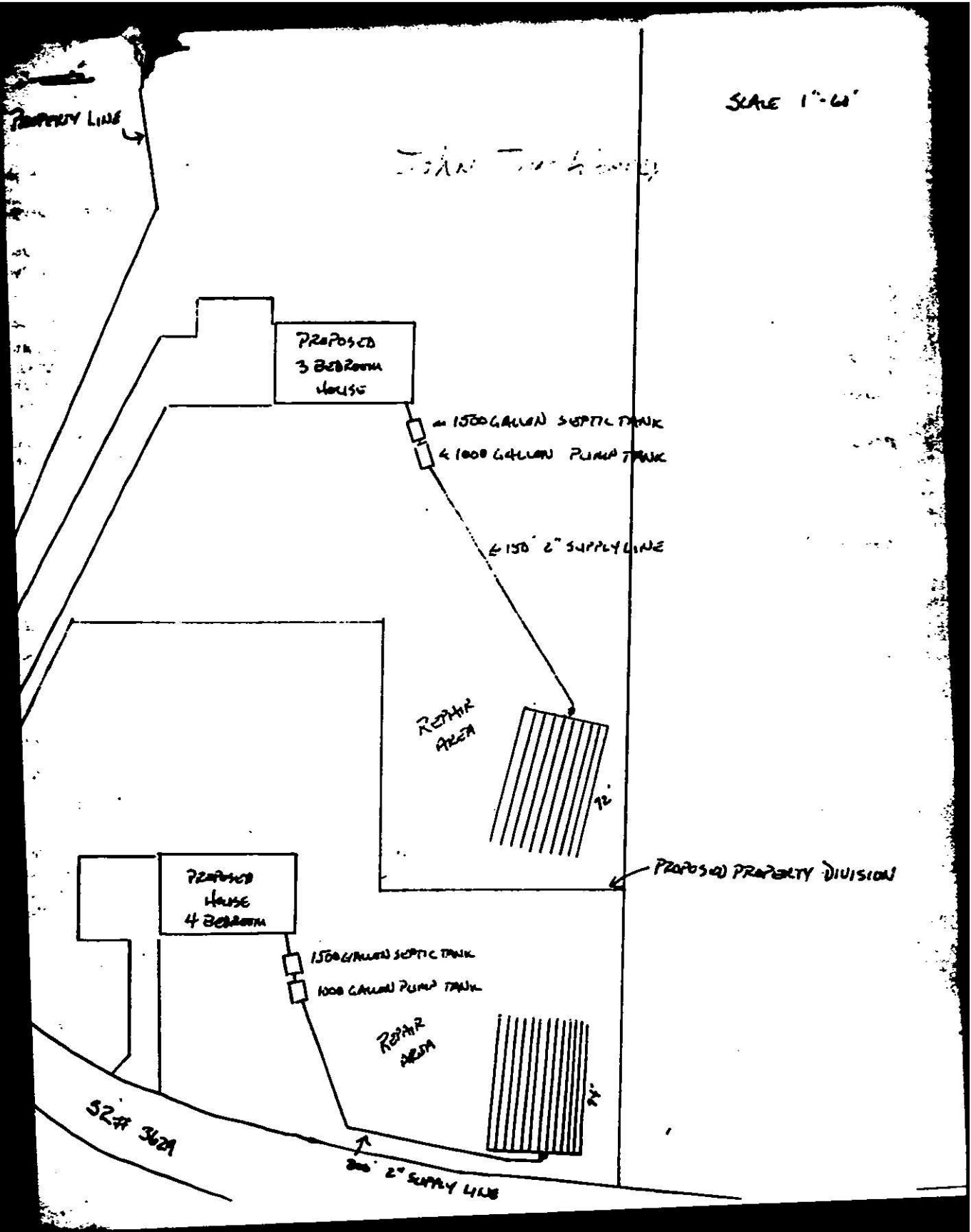
EHD-S-76

Environmental Health Department's Copy


LOT A
4 bedroom
at road
PROPOSED HOUSE
1500 GALLON SEPTIC TANK
1000 GALLON PUMP TANK
200' 1" SUPPLY LINE
REPAIR AREA
PROPERTY LINE
SCALE 1" = 60'
SR #3629

LOT A

DAILY WASTE FLOW	400 GPD	
SEPTIC TANK SIZE	1500 GALLON	
PUMP TANK SIZE	1000 GALLON	
EFFLUENT LOADING RATE	.1 GPD/FT²	
ABSORPTION AREA	400 SQ FT	
TOTAL LENGTH OF LATERALS	960 LIN. FT	
LATERAL CONFIGURATION	13 - 74 FOOT LATERALS	
SUPPLY LINE LENGTH & DIA	200' SCH 40 2" PIPE	
MANIFOLD PLACEMENT	SIDE	
	7 UPPER LINES	6 LOWER LINES
HOLE SIZE	1/8 IN	5/32 IN
# OF HOLES	15	10
PRESSURE HEAD	5	2
FLOW PER HOLE	.32 GPM	.41 GPM
ELEVATION HEAD	6	
FRICTION HEAD	4	
PRESSURE HEAD	3	
TOTAL HEAD	18	
PUMP REQUIREMENTS	54 GPM / 18 HEAD	
STORAGE VOL. IN LATERALS	86.4 GAL	
STORAGE VOL IN SUPPLY	32.4 GAL	
TOT STORAGE VOL	118.8 GAL	
DOSING VOL	464 GAL	
DOSING DEPTH	23 INCHES	
CHECK VALVE NEEDED	YES	


SCALE 1"=60'
PROPERTY LINE
PROPOSED
3 BEDROOM
HOUSE
1500 GALLON SEPTIC TANK
1000 GALLON PUMP TANK
150' 2" SUPPLY LINE
REPAIR
AREA
72'
PROPOSED PROPERTY DIVISION
PROPOSED
HOUSE
4 BEDROOM
1500 GALLON SEPTIC TANK
1000 GALLON PUMP TANK
REPAIR
AREA
72'
S2ft 362
2" SUPPLY LINE

	4 BEDROOM HOME	3 BEDROOM HOME
DAILY WASTE FLOW	480 GPD	360 GPD
SEPTIC TANK SIZE	1500 GALLON	1000 GALLON
PUMP TANK SIZE	1000 GALLON	1000 GALLON
EFFLUENT LOADING RATE	.1 GPD/FT²	.1 GPD/FT²
ABSORPTION AREA	4800 FT²	3600 FT²
TOTAL LENGTH OF LATERALS	960 LIN FT	720 LIN FT
LATERAL CONFIGURATION	13 - 74 FT LINES	10 - 72 FT LINES
SUPPLY LINE LENGTH & DIA.	200' SCH 40 2" PVC	158 SCH 40 2" PVC
MANIFOLD PLACEMENT	SIDE	SIDE
	7 UPPER LINES / 6 LOWER LINES	5 UPPER LINES / 5 LOWER LINES
HOLE SIZE	1/8 IN / 5/32"	1/8" / 5/32"
NUMBER OF HOLES	13 / 10	13 / 10
FLOW PER HOLE	.32GPM/3'HEAD / .41GPM/2'HEAD	.32GPM/3'HEAD / .41GPM/2'HEAD
PRESSURE HEAD	3' / 2'	3' / 2'
TOTAL FLOW	54GPM	43GPM
ELEVATION HEAD	6'	12'
FRICTION HEAD	9'	5'
PRESSURE HEAD	3'	3'
TOTAL HEAD	18'	20'
PUMP REQUIREMENTS	54 GPM AT 18' HEAD	43GPM AT 20' HEAD
STORAGE VOL IN LATERALS	86.4 GAL	64.8 GAL
STORAGE VOL IN SUPPLY LINE	32.4 GAL	24.3 GAL
TOT. STORAGE VOL.	118.8 GAL	89.1 GAL
DOSING VOL.	464 GALLONS	348 GALLONS
DOSING DEPTH	23 INCHES	17 INCHES
CHECK VALVE NEEDED	YES	YES

Date Issued 12-11-85

Serial No. 08770

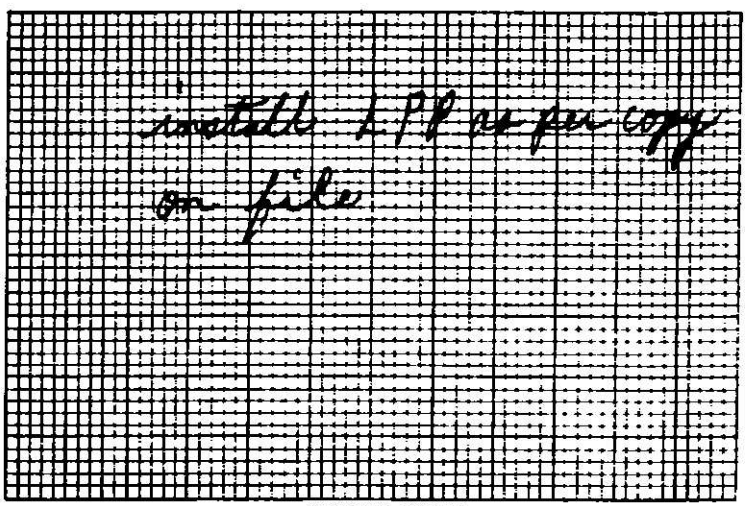
ICAR(S) Permit No. 19907

T.C. No. 229-081-03

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 19907, dated 8-12-83 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 1-11-86, after which date this permit shall be null and void.



PLOT OF SYSTEM

Permeability Rate IV B

Liquid Capacity of Tank 1500+1000

Tank Construction PVC

Absorption and/or Nitrification Lines:

Total Line Length 720'

Number of Lines 10

Distance from House 5'

Distance from Property Line 10'

Distance from Well >50'

NAME OF OWNER John Touchberry

LOCATION OF PROPERTY 9803 Blakeney Heath 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.

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. 19907

Date Issued 12/27/85 **Serial** 8089 T C. No. 229-081-03 (PD)

✓ CRT

MECKLENBURG COUNTY
DEPARTMENT OF ENVIRONMENTAL HEALTH
OPERATION PERMIT

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

Name of Owner Touchberry (LAST) John (FIRST) (MIDDLE)

Location of Property 9803 Blakeney Heath Road

Application Number 19907 Permit Number 19907

Inspection Date:

Liquid Capacity of Tank 1500 + 1000 Tank Material PVC

Total Length of Drain Tile 720' Number of Lines 10

Depth of Filter Material 6" Cover Depth 1'-3'

Water Supply Source well Distance from Water Source >100'

Excavation Inspected 12/23/85 12/27/85 Tank Inspected 12/23/85 (DATE)

Nitrification Field Inspected 12/23/85 12/27/85 (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 ~~1985, 1500 ST, 1000 DT, P1, 4800 SF, 6 G, Mecklenburg-like~~ (APP)

1985, 1500 ST, 1000 DT, P1, 4800 SF, 6 G, Mecklenburg-like

Cynthia G. Bass
Environmentalist

EHD-5-76

Environmental Health Department's Copy