N.C. Department of Environment and Natural Resources
Division of Environmental Health

Inspection of Engineered Subsurface Wastewater System

Mecklenburg County	EDWARD WINTER	3233B
Health Department	**Name of Establishment**	**Permit/Project No.**
11211 DOGWOOD LN	RESIDENCE	240
Location	**Type of Establishment**	**Design Flow**
EDWARD WINTER	11211 DOGWOOD LN	
Owner/Agent	**Address**	**Phone**
NA	HUNTERSVILLE NC 28078	
Operator	**Address**	**Phone**
IIIb	1/19/2010	1/19/2015
System Type	**Date of Inspection**	**Next Inspection Due**

	Yes	No	N/A	Comments:
1. ESTABLISHMENT:				
a. Type, size, and sewage flow in accordance with permit?	☒	☐	☐	
2. COLLECTION SYSTEM:				
a. No evidence of leaks into or out from sewer lines/manholes?	☒	☐	☐	
b. Free of blockages/solids buildup in lines or manholes?	☒	☐	☐	
3. TANKAGE: (Grease Traps/Lift Stations/Septic/Dosing Tanks)				
a. Tank risers accessible and surface water diverted?	☒	☐	☐	
b. Tanks and access manholes structurally sound, watertight?	☒	☐	☐	
c. Sanitary tee(s) in good working condition?.....	☐	☐	☒	3.c. Sanitary tee not inspected.
d. Tanks pumped, cleaned out as needed?.....	☐	☐	☒	
4. RAW SEWAGE LIFT STATION (if present):				
a. Required pumps present, operating, and cycling properly	☒	☐	☐	
b. High-water alarm present and operating properly?	☒	☐	☐	
c. Floats/pipe/valves/disconnects in good condition?	☒	☐	☐	
5. EFFLUENT DOSING SYSTEM:				
a. Effluent appears clear, free of excess solids?	☐	☐	☒	
A. PUMP SYSTEMS:				
a. Required pumps present, operating, and cycling properly?	☒	☐	☐	
b. High-water alarm present and operating properly?	☒	☐	☐	
c. Floats/pipe/valves/disconnects in good working condition?	☒	☐	☐	
d. Control panel enclosure/components in good condition?	☒	☐	☐	
e. Elapsed time readings: _____ _____ _____ _____				
B. SIPHON SYSTEMS:				
a. No evidence of overflow or siphon leakage?	☐	☐	☒	
b. Siphon(s) appear to be working/alternating properly?	☐	☐	☒	
c. Bells and vents free of debris and in good condition?	☐	☐	☒	

	Yes	No	N/A	Comments:
6. GROUND ABSORPTION FIELDS:				
a. No evidence of effluent surfacing/reaching surface waters?	☒	☐	☐	
b. Minimal ponding in subsurface trenches?	☒	☐	☐	
c. Surface water being effectively diverted away?	☒	☐	☐	
d. Diversions/ditches/swales/tiles drains properly maintained?	☒	☐	☐	
e. Line cover/vegetation adequate/maintained as needed?	☒	☐	☐	
f. Protected from traffic, destructive uses?	☒	☐	☐	
g. Distribution devices in good condition, working properly?	☒	☐	☐	
h. Repair area properly reserved, maintained?	☒	☐	☐	
A. LOW PRESSURE PIPE DRAIN FIELDS:				
a. Turnups/cleanouts/valves intact and accessible?	☐	☐	☒	
b. No effluent standing in lower laterals?	☐	☐	☒	
c. Laterals free of excess solids, cleaned out as needed?	☐	☐	☒	
d. Pressure head is properly adjusted?	☐	☐	☒	

OVERALL CONDITION AND OPERATION OF SYSTEM:
GOOD

SUMMARY OF REPAIRS REQUIRED AT THIS TIME:
NONE

***REPAIR WITHIN DAYS.**

SYSTEM MAINTENANCE/IMPROVEMENTS REQUIRED:
*The MCHD recommends having the tanks (septic & dosing) pumped out every 3 to 5 years to remove excess solids.
*Please visit http://groundwater.charmeck.org for additional information.

DATE: 1/19/2010

SIGNED: Philo Walker RS AGENT
Division of Environmental Health

Printed Name: PHILO WALKER RS
Phone #:

November 5, 2002

Edward B. Bost
16116 Northpoint Rd.
Huntersville, NC 20078

Dear Mr. Bost:

The North Carolina Administrative Code requires routine maintenance and inspections of certain septic tank systems that utilize pumps. Our records indicate that the required inspection of the Type IIIb septic system, which serves as the wastewater treatment and disposal system for the residence located 11211 Dogwood Ln., Huntersville, NC is due.

> In accordance with Section .1900 of the North Carolina Administrative Code, North Carolina Department of Environment and Natural Resources, Division of Environmental Health, On-Site Wastewater Section, Subchapter 10A, Sanitation, states in part: " System management in accordance with Tables V(a) and V(b) of this Rule shall be required for all systems installed or repaired after July 1, 1992."

This department will be making inspections on all systems that fall under this requirement. The fee for this service is $85.00. In addition, if you have a well, a bacterial sample will be collected to help assess the quality of your water supply source. The water analysis will be performed at no additional cost.

The inspection program and the water analysis are very important initiatives intended to protect the public's health while improving and preserving our groundwater resources. We highly recommend and prefer that you contact our office to make an appointment for the inspection of your system. If we have not heard from you by November 20, 2002 we will proceed with our inspection activities on your property. You will be apprised of our assessments and recommendations for the continued efficient operation of your septic tank system.

To set up an appointment for an inspection, or if you should have any questions regarding this matter, please feel free to contact me at (704) 336-5571.

Sincerely,

David Cornelius, R.S.I., Coordinator
Managed Systems Program
Individual Water and Wastewater Systems

Enclosure: Inspection Statement

INSPECTION STATEMENT
MECKLENBURG COUNTY HEALTH DEPARTMENT

Edward B. Bost
16116 Northpoint Rd.
Huntersville, NC 20078

Please Make Check Payable To:

Mecklenburg County Health Department
700 N. Tryon Street Suite 211
Charlotte, NC 28202

Note: THIS COMPLETED FORM MUST ACCOMPANY PAYMENT!

DESCRIPTION OF PROPERTY

Name	Site Address	Tax Parcel	File Number	System Type
Edward Bost	11211 Dogwood Ln.	01916128	3233B	IIIb
				Total Amount Due: $85.00

Please use the following space below, to make any corrections to property information.

Name _____

Site Address _____

_____

# of Bedrooms _____

BILL INFORMATION

Billing Date: 11/5/02

Payment Due Date: 12/20/02

Direct Questions Concerning This Bill to .....(704) 336-5571

☐ *Please check if you have a well.*

Make Check Payable To Mecklenburg County Health Department
Your Cancelled Check Is Your Receipt

DO NOT SEND CASH

3233B

INDIVIDUAL WATER AND WASTEWATER SYSTEMS PROGRAM
APPLICATION FOR SERVICES

[ ] CRT

Mecklenburg County Health Dept.
Environmental Health Division
c/o Hal Marshall Ctr., Suite 211
700 N. Tryon St.
Charlotte, NC 28202

(704)336-5102

Date: 7-15-94

PERSON FILING APPLICATION:

NAME: BOST (last) EDWARD (first) B (mi)

ADDRESS: 16116 North Point Rd PHONE: 704 875-0559

CITY: Huntersville STATE: NC ZIPCODE: 28078

PROPERTY INFORMATION (FROM ENGINEERING FORM):

TAX/PARCEL NUMBER: PART OF 019-161-06*

STREET ADDRESS: 11211 DOGWOOD LANE HUNTERSVILLE NC

ZONING: R15

SUBDIVISION OR MOBILE HOME PARK NAME:

PROPERTY OWNER:

NAME: KESSLER, FRANK B. & FRANCES G. (last) (first) (mi)

ADDRESS: 11201 DOGWOOD LN PHONE: 704 875-6344

CITY: Huntersville STATE: NC ZIPCODE: 28078

Township (check one):
[X] 0 Mecklenburg County [ ] 1 Charlotte [ ] 2 Davidson [ ] 3 Cornelius [ ] 4 Pineville [ ] 5 Matthews [ ] 6 Huntersville [ ] 7 Mint Hill

LOT NUMBER: 9 LOT SIZE (in acres): .46

TYPE APPLICATION (check one):

[X] SOIL TEST - INDIVIDUAL LOT (D)
[X] NEW CONSTRUCTION ON VACANT LOT - 4 BEDROOMS OR LESS (N)
[ ] EXCHANGE MOBILE HOME - SAME # BEDROOMS (Y)
[ ] ADDITION - INCREASE ROOMS/OCCUPANCY/MOBILE HOME SIZE (A or M)
[ ] COMMERCIAL OR INDUSTRIAL (N)
[ ] SOIL TEST DEVELOPMENT (P)
[ ] ADDITION - GARAGE OR RENOVATION/NO MAJOR CHANGES (X)
[ ] MODIFIED /ALTERNATIVE/ OR RESIDENCE > 4 BEDROOMS (Z)
[ ] REPAIR TO SYSTEM (R)

RESIDENTIAL PROPERTY (Type Building, check one):

[ ] SINGLE MOBILE HOME (S) [X] HOUSE (H) [ ] MULTIPLE FAMILY (U)
[ ] DOUBLE WIDE (D) [ ] MODULAR HOME (M) [ ] OTHER _____ (O)

NUMBER BEDROOMS: 2 NUMBER OCCUPANTS: +4

SYSTEM CLASSIFICATION:

COMMERCIAL/INDUSTRIAL PROPERTY:

Type Business _____ # Employees ___ Per Shift ___ ___ ___
Industrial Wastes (Y/N) ___
Underground Storage Tanks On Property (Y/N) ___ Type _____

WATER SUPPLY (check one):

[ ] Community (C) [ ] Shared Well (S)
[ ] Municipal (M) [ ] Other 'spring' (O)
[X] Private Well (P) NOT YET DRILLED

FUTURE ADDITIONS - ALL PLANNED ADDITIONS MUST BE ENTERED (check all that apply):

[ ] Swimming Pool [ ] Jacuzzi [ ] Stable/Barn [ ] Workshop [X] None
[ ] Garage [ ] Storage Building [ ] Deck/Patio [ ] Bedrooms [ ] Other

The undersigned, owner, or legal agent for the owner, of the property described above as the "JOB LOCATION" has read the foregoing application, acknowledges that the contents of same are true, and authorizes agents of the MECKLENBURG COUNTY HEALTH DEPARTMENT to enter onto the property for the purpose of processing this request.

†Signed: Frank M. Kessler, Jr. Frances H. Kessler Date: July 15, 1994

NOTICE:

The undersigned, an authorized agent of the MECKLENBURG COUNTY HEALTH DEPARTMENT, certifies that the Department has approved the the Request for the Job Location contained in this document. This approval is granted in accordance with the provisions of Laws And Rules For Sanitary Sewage Collection, Treatment And Disposal in effect at the time of issuance of the permit and is subject to the following provisions:

...No work shall be conducted on the septic tank system until an installation, Construction, Alteration and/or Repair approval is granted by this Department.

...This permit is not transferable.

...

[ ] IMPROVEMENT PERMIT - VALID 60 MONTHS FROM ISSUANCE
[ ] MOBILE HOME EXCHANGE APPROVAL - VALID 6 MONTHS FROM ISSUANCE
[ ] ADDITION/RENOVATION APPROVAL - VALID 1 YEAR FROM ISSUANCE

Sheila A. Walker 7/25/94
Environmentalist Date

Director or Authorized Section Head Date

WWATER : 122791

TO: ENVIRONMENTAL HEALTH DEPT.
BUILDING STANDARDS DEPT.
DEPT. OF ENVIRONMENTAL PROTECTION/
SOLID AND HAZARDOUS WASTE

DATE: 7/18/94

FROM: COUNTY ENGINEERING DEPARTMENT

EHD FILE _____ JURISDICTION CODE Muk

PARCEL NUMBER # 019-161-06 pu

ASSIGNED ADDRESS 11211 Dogwood Ln

EXISTING ADDRESS _____

PROJECT NAME NA

THE ABOVE DESCRIBED LOCATION HAS BEEN CHECKED CONCERNING:

		APPROVED	DISAPPROVED
1.	SUBDIVISION REGULATIONS	_____	_____*
2.	FLOODWAY REGULATIONS	_____	_____*
3.	EROSION CONTROL REGULATIONS	_____	_____*
4.	PUBLIC UTILITY EASEMENT	_____	_____*

		PRESENT	NOT PRESENT
5.	PUBLIC UTILITY EASEMENT	_____*	_____
6.	PROPERTY FRONTS ON THOROUGHFARE	_____*	_____
7.	DRIVEWAY PERMIT REQUIRED	_____*	_____

*If checked, further investigation will be required to determine whether a building permit can be issued by Building Standards for the site.

REMARKS: Septic tank

NOTE: THIS FORM MUST BE TURNED IN AT THE CASHIER'S OFFICE AT BUILDING STANDARDS WHEN PAYING PERMIT FEES.

A CERTIFICATE OF OCCUPANCY WILL NOT BE GRANTED UNTIL THE TRANSPORTATION DIVISION GRANTS FINAL APPROVAL ON DRIVEWAYS.

SIGNED: _____

OPWEAR 06-88

NEW ADDRESS _____*

FORM 100

MECKLENBURG COUNTY HEALTH DEPARTMENT
SITE EVALUATION REPORT
SERIAL NUMBER 20429

File: 3233B (45000) Action 1

Parcel: PO 019-161-06 ☐ PC

Location: 11211 Dogwood Lane

Subdivision:

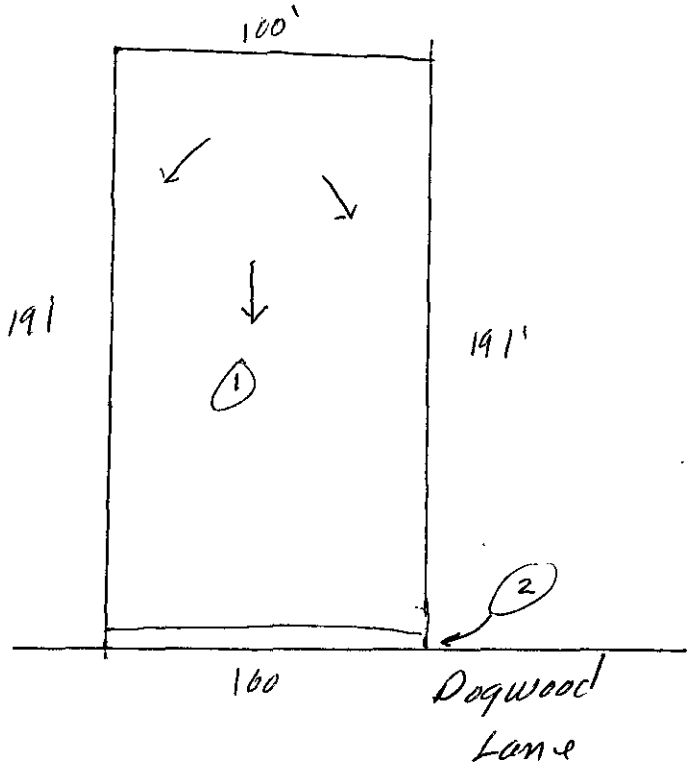
Lot: 9 Block: 1 Acres: .46

Owner: Frank & Frances Kessler
Address: 11201 Dogwood Lane
Huntersville, N.C. 28078

Comments: .3 gal/ft2/day LTAR, does not appear to be 100% repair

Described by: William A. Marlin

Date: 7-26-94



***** EVALUATION KEY *****

S = Suitable U = Unsuitable
PS = Provisionally Suitable
The "Area Classification" below indicates the suitability of areas in the diagram.

FACTORS	AREA 1	AREA 2	AREA 3	AREA 4	AREA 5	AREA 6
Topography	(S) PS U 2-12%	S PS (U) 72" cut	S PS U	S PS U	S PS U	S PS U
Texture	S (PS) U Slightly Expansive clay	S PS U —	S PS U	S PS U	S PS U	S PS U
Structure	S (PS) U Sub Blocky	S PS U —	S PS U	S PS U	S PS U	S PS U
Drainage	S (PS) U 36" To water	S PS U —	S PS U	S PS U	S PS U	S PS U
Depth	S (PS) U 39"	S PS U —	S PS U	S PS U	S PS U	S PS U
Restrictive Horizons	S (PS) U 39"	S PS U —	S PS U	S PS U	S PS U	S PS U
Available Space	S (PS) U limited	S PS U —	S PS U	S PS U	S PS U	S PS U
Other (specify)	S PS U	S PS U	S PS U	S PS U	S PS U	S PS U
Soil Group/Series	Cecil-Lilo	72" cut				
Area Classification	S (PS) U	S PS (U)	S PS U	S PS U	S PS U	S PS U

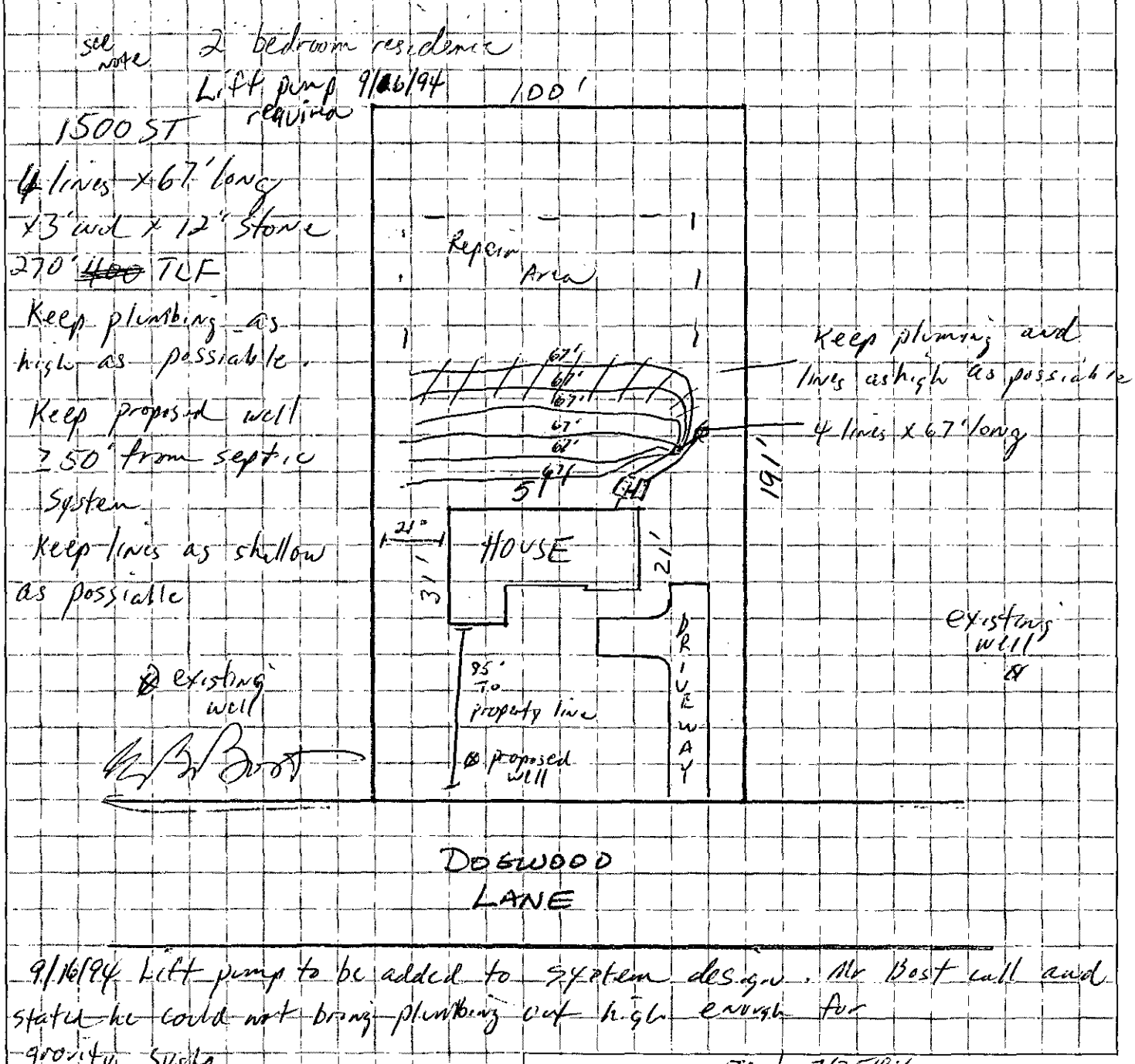
PROPOSED PLOT PLAN

HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH DIVISION
700 NORTH TRYON STREET
CHARLOTTE, NC 28202
PHONE (704) 336-5102

FILE: 3233B

TC: PO 019-161-06

Draw in and name all roads adjoining the property. Draw in and accurately dimension the lot concerned. Accurately indicate property boundaries, proposed and/or existing structures and driveways, underground utilities, and wells and springs within 100 feet of the proposed building or drainfield.



9/16/94 Lift pump to be added to system design. Mr Bost call and stated he could not bring plumbing out high enough for gravity system

APPROVAL DATE TSW 7/25/94

White - Health Department's Copy Canary - Environmentalist's Copy Pink - Owner's Copy

INSTALLATION, CONSTRUCTION, ALTERATION, AND/OR REPAIR APPROVAL

0440

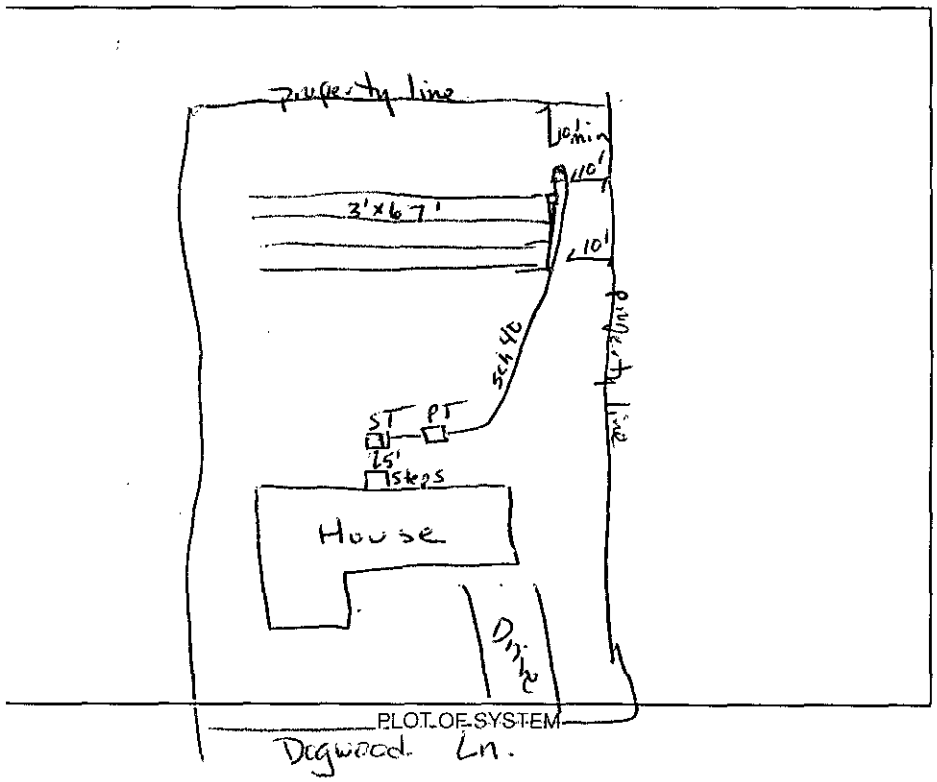
HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH DIVISION
700 NORTH TRYON ST., SUITE 211
CHARLOTTE, NC 28202
PHONE (704) 336-5102

FILE: 32333 DATE: 12-19-94

TC: 019-161-06 PO ☐ L

SERIAL No 16157

Permission is hereby given to X 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 the application dated 7-15-94. All work shall be completed on or before 1-19-95, after which date this permit shall be null and void. The system shall meet all of the construction requirements of 15A NCAC 18A. 1900 which are in effect on the date of the granting of this permit. A Certificate of Completion or an Operation Permit must be obtained from the Mecklenburg County Health Department before any system can be covered up or placed into service. 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.



Liquid Capacity of Septic Tank 1500 gallons

Liquid Capacity of Dosing Tank 1000 gallons

Tank Construction PCC

Trench Depth 24"

Absorption and/or Nitrification Lines:

Trench Width 3' feet

Trench Walls Scored and Porous yes

Total Line Length 270' feet

Number of Lines 4 at 67'

Depth of Stone 12" inches

Distance from House 5' min from any bldg foundation feet

Distance from Property Line 10' min feet

Distance from Well >50' from neighbors wells feet

sharing neighbors well temporarily until cmud water line installed

NOTICE: This system shall not be installed while soils are in a wet condition.

NAME OF OWNER Edward Bost

LOCATION OF PROPERTY 11211 Dogwood Ln

Comments: Install alarm, pump, + pump controls according to NC State Regs. Install large "washer" style box to then feed into equal distribution box. Two bedroom design.

Newell for J Daniel

Environmental Health Specialist

WHITE - HEALTH DEPARTMENT's COPY • CANARY - E.H.S. COPY • PINK - OWNER OR AGENT's COPY

CERTIFICATE OF COMPLETION/OPERATION PERMIT

HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH DIVISION
700 NORTH TRYON ST., SUITE 211
CHARLOTTE, NC 28202
PHONE (704) 336-5102

FILE: 3233 B DATE: 12-21-94

TC: 019-161-06 PO ☐ L ~~☐ CRT~~

SERIAL Nº 16102

Name of Owner Edward Bost Juris.:

Address of Property 11211 Dogwood Ln

Inspection Data:

Tank Material PCC

Total Length of Drainfield 270'

Number of Lines 4 @ 67-69'

Cover Depth 12"-22"

Water Supply Source well on neighbor's lot

Distance to Water Source CMUD water

Excavation Inspected 12-21-94

Tank(s) Inspected 12-21-94

Wash Line Inspected ———

High Water Alarm Inspected 3-14-95

PLOT

Design 1994, 1500gst, 1000gpt, pump to conv, 12" stone, cecil-like CTR# 46 Larry Henkle

Tanks 12½' from back wall of house.

The undersigned has inspected the Septic Tank System described above, and certifies it has been

☒ installed or constructed ☐ altered or repaired

☒ in accordance with the permit issued ☐ as detailed in the plot above

and meets the provisions of 15A NCAC 18A. 1900, "Laws And Rules For Sewage Treatment and Disposal Systems" in effect on the date of issuance of the permit. This issuance of this

☐ Certificate of Completion ☒ Operation Permit

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 document is issued subject to those restrictions and conditions shown on the permit(s) and the provisions of 15A NCAC 18A. 1990 in addition to those listed below under "COMMENTS." This document 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.

Notice: Disturbance of the designated repair area may result in the suspension/revocation of this permit.

COMMENTS: Hydromatic pump ⅓ hp OSP-33

Type III D

2 bedroom house design

Jon Higgins Bunny, RS.
for Sylvia Davis

Susan Bateman
Environmental Health Specialist

Mecklenburg County services are available without regard to ethnic origin, sex, or disability.

Mecklenburg County
Health Department

January 19, 1995

Mr. Edward Bost
16116 North Point Road
Huntersville, North Carolina 28078

Dear Mr. Bost:

Re: 11211 Dogwood Lane
File: 3233$(Tax Parcel No. 019-161-06PO)

At your request an inspection was made at the above referenced property to facilitate the issuance of an Operation Permit for the sewage treatment and disposal system. During the inspection it was found that the following items did not meet the regulations set forth in the "Laws and Rules for Sewage Treatment and Disposal Systems, 15A NCAC 18A .1900;.1952 Septic Tank, Dosing, Dosing Tank and Lift Station Design." Our comments follow:

1) (3) Pump discharge piping shall be of Schedule 40 PVC or stronger material and adequately secured. Fittings and valves shall be of compatible corrosion-resistant material. A threaded union, flange, or similar disconnect device shall be provided in each pump discharge line. All submersible pumps shall be provided with a corrosion-resistant rope or chain attached to each pump enabling pump removal from the ground surface without requiring dewatering or entrance into the tank. Valves shall also be readily accessible from the ground surface.

2) (6) Pump and control circuits shall be provided with manual circuit disconnects within a watertight, corrosion-resistant, outside enclosure (NEMA 4X or equivalent) adjacent to the pump tank, securely mounted at least 12 inches above the finished grade. The pump(s) shall be manually operable without requiring the use of special tools or entrance into the tank for testing purposes. Conductors shall be conveyed to the disconnect enclosure through water proof, gasproof, and corrosion-resistant conduits, with no splices or junction boxes provided inside the tank. Wire grips, duct seal, or other suitable material shall be used to seal around wire and wire conduit openings inside the pump tank and disconnect enclosure.

3) (9) The pump tank shall have a properly functioning high-water alarm. The alarm circuit shall be supplied ahead of any pump overload and short circuit protective devices. The alarm shall be audible and visible by system users and weatherproof if installed outdoors in an enclosure (NEMA 4X or equivalent).

The above mentioned items must be installed and inspected prior to the Operation Permit being issued. The Operation Permit is required for the Certificate of Occupancy and the permanent electric hook-ups. Please schedule the inspections at least five (5) working days in advance to ensure no delays in the Operation Permit issuance.

Please call me at 336-5569 to discuss any question you may have concerning this matter.

Sincerely,

Susan M. Bateman, R.S.
Individual Water and Wastewater Systems

cc: Mr. Larry Henkle

EDWARD B. BOST
16116 North Point Road
Huntersville, N. C. 28078

R

March 14, 1995

Mecklenburg County Health Department
Environmental Health Division
700 North Tryon Street, Suite 211
Charlotte, N. C. 28202

11211 Dogwood Ln

RE: File 3233B, TC 019-161-06 PO
Serial No. 16102

Enclosed is my check #3675 for $150 covering the final balance due on the referenced account.

Please notify Susan Bateman (336-5569) that this payment has been received so that she can clear this from her file and issue the necessary permits.

I can be reached by telephone at 533-2572 if you should need any further information about this payment.

Thank you for your help.

Yours very truly,

Edward B. Bost

Enclosure