CLK

FEE: 100
DATE: 3/20/09
CRT [ ]

APPLICATION FOR APPROVAL TO USE AN EXISTING ON-SITE WASTEWATER TREATMENT & DISPOSAL SYSTEM
MECKLENBURG COUNTY - GROUNDWATER & WASTEWATER SERVICES
700 N. Tryon St., Suite 211 Charlotte, NC 28202
Phone: (704) 336-5103 Fax: (704) 336-6894

GWS – UES.APP 06/07

FILE #: 3602A

JPM 4115 1-21-10 REPAIR APPLICATION 4502 (18)

TYPE APPLCATION:

- [X] ADDITION - INCREASE ROOMS/OCCUPANCY/MOBILE HOME SIZE (A / M)
- [ ] ADDITION - RENOVATION OR GARAGE WITH NO MAJOR CHANGES (X)
- [ ] EXCHANGE MOBILE HOME - SAME # BEDROOMS (Y)
- [ ] COMMERCIAL OR INDUSTRIAL (N)

PERSON FILING APPLICATION:
NAME: Claude Maynard Knotts, Jr.
ADDRESS: 10923 Arthur Auten Rd.
CITY: Huntersville
STATE: N.C. ZIP: 28078
PHONE: 704-895-1525
ALTERNATE PHONE: 704-650-1109

PROPERTY OWNER:
NAME: Same
ADDRESS:
CITY:
STATE: ZIP:
PHONE:
ALTERNATE PHONE:

JOB LOCATION INFORMATION
TAX/PARCEL #: 023-012-26
STREET ADDRESS: 11300 Johnson-Davis Rd.
CITY: Huntersville
STATE: NC ZIP: 28078
SUBDIVISION OR MOBILE HOME PARK NAME:
LOT #:

TOWNSHIP:

- [ ] 0-MECKLENBURG
- [ ] 1-CHARLOTTE
- [ ] 2-DAVIDSON
- [ ] 3-CORNELIUS
- [ ] 4-PINEVILLE
- [ ] 5-MATTHEWS
- [X] 6-HUNTERSVILLE
- [ ] 7-MINT HILL

WATER SUPPLY:

- [ ] MUNICIPAL (M)
- [ ] COMMUNITY (C)
- [X] PRIVATE WELL (P)
- [ ] SHARED WELL (S)
- [ ] OTHER 'SPRINGS' (O)

RESIDENTIAL PROPERTY TYPE:

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

OCCUPANCY (both fields are required):
NUMBER OF BEDROOMS: 2
NUMBER OF OCCUPANTS: 1

COMMERCIAL / INDUSTRIAL PROPERTY TYPE:
TYPE OF BUSINESS:
EMPLOYEES PER SHIFT:
OF SHIFTS:
INDUSTRIAL WASTES? [ ] YES [ ] NO
UNDERGROUND STORAGE TANKS? [ ] YES [ ] NO

ADDITION TYPE ATTACHED TO EXISTING STRUCTURE: Replacing House that Burned

- [ ] BEDROOM
- [ ] BATHROOM
- [ ] KITCHEN
- [ ] DINING ROOM
- [ ] LIVING ROOM
- [ ] DEN
- [ ] GARAGE
- [ ] SUNROOM
- [ ] PORCH
- [ ] DECK
- [ ] OTHER

ADDITION TYPE DETACHED FROM EXISTING STRUCTURE:

- [ ] DETACHED GARAGE
- [ ] DETACHED GARAGE WITH PLUMBING
- [ ] POOL HOUSE
- [ ] SHOP
- [ ] BARN
- [ ] STORAGE SHED
- [ ] DETACHED PORCH / DECK
- [ ] 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 the Mecklenburg County Health Department to enter onto the property for the purpose of processing this request.

Claude Maynard Knotts Jr. 3/20/09
Owner's/Agent's Signature Date

*The undersigned, an authorized agent of the Mecklenburg County Health Department, certifies that the Department has approved 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 y this Department.
- This permit is not transferable.

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

O.K. to use existing system for a new two bedroom house

EHS Signature Date

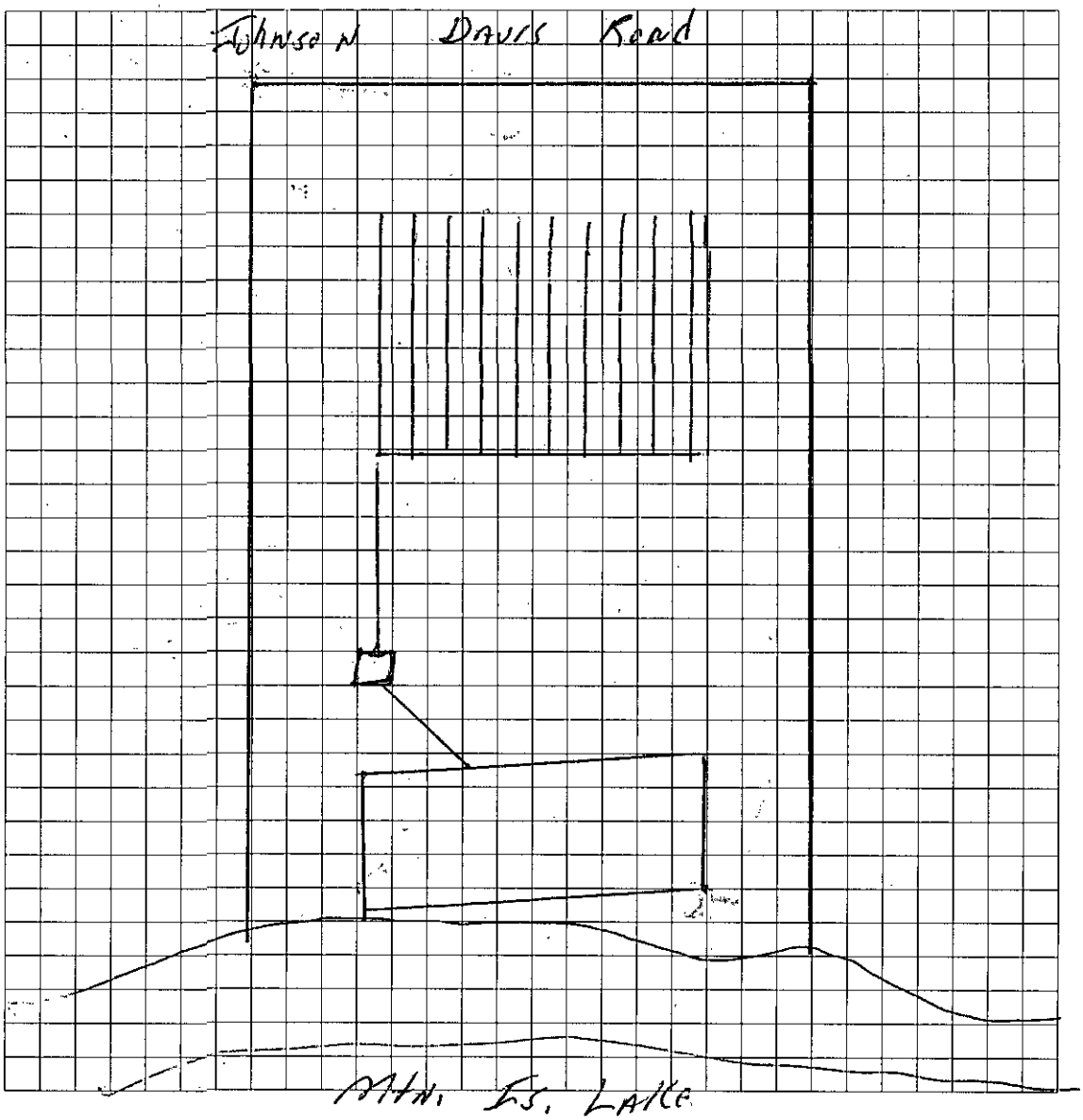
4/23/09

Mecklenburg County
Land Use & Environmental Service Agency
Groundwater & Wastewater Services
700 N. Tryon St., Suite 211
Charlotte, NC 28202
Phone: (704) 336-5103
Fax: (704) 336-6894

File #_____
Date_____

PROPOSED PLOT PLAN

A map showing existing and proposed property lines and easements with dimensions, the location of the single family residence, non-single family residence, or other facility, and appurtenances, the site for the proposed well, and the location of existing or proposed sewer lines and/or sewage disposal systems, surface water bodies, aboveground or underground storage tanks. Name all roads adjoining the property. If this a repair indicate the type of repair.



Owner/Agent Signature	Claude Maynard Keith, D.
Date	3-20-09

LBC 12/15/04

Mecklenburg County Groundwater & Wastewater Services
700 N. Tryon St., Suite 211 Charlotte, NC 28202
Phone: (704) 336-5103 Fax: (704) 336-6894

NC DENR
Division of Environmental Health
On-Site Wastewater Section

INSTALLATION APPROVAL for an ON-SITE WASTEWATER TREATMENT & DISPOSAL SYSTEM

File #: 3602A Permit #: 41502 Tax Parcel #: 023-012-26

Property Owner: Maynard Knotts

Job Location Address: 11300 Johnson-Davis Road

City: Huntersville State: NC Zip Code: 28078

Installation Approval Issuance Date: 1/21/10

Permission is hereby given to ☐ install ☐ alter ☒ repair an on-site wastewater treatment & and disposal system, with subsurface soil absorption and effluent discharge, as specified herein at the described location. This approval is granted based upon the application information submitted to our office. All work shall be completed on or before _____, after which date this approval 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 granting this approval. 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 of hereafter owning, controlling or using such system from any liability resulting from the failure of the system to operate properly.

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

Permitted Design Flow: 240 GPD

Site LTAR: Existing GPD/ft² (For new installations only.)

Liquid Capacity of Septic Tank: 1500 gallons

Liquid Capacity of Dosing Tank: Existing gallons

Drainfield Design ☒ N/A

Trench Depth: _____ inches

Trench Width: _____ feet

Line Spacing: _____ feet (O.C.)

Total line length: _____ feet

# of Lines: _____ @ _____ feet

Depth of Media: _____ inches (Type) _____

Distribution Device: _____

Bed Design *(For Repair Installations ONLY.)* ☒ N/A

Bed Depth: _____ inches

Bed Width: _____ feet

Total line length: _____ feet

# of Lines: _____ @ _____ feet

Depth of Media: _____ inches (Type) _____

Distribution Device: _____

Water Supply Source

☐ Municipal ☒ Private Well ☐ Community Well

☐ Other _____

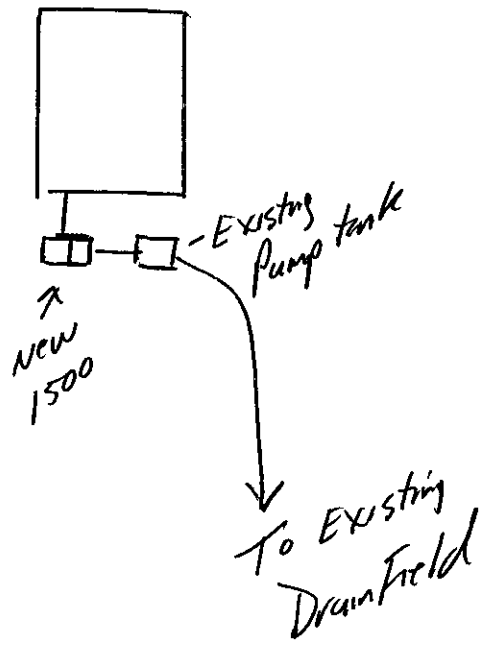
Minimum System Setbacks

Distance from Building Foundation: _____ feet

Distance from Property Line: _____ feet

Distance from Water Supply Source: _____ feet

SKETCH OF SYSTEM LAYOUT
(Proposed Layout)



Comments: System Classification & Type: III b

Replace with a new 1500 septic tank

DENR Authorized Agent: Jeremy Michelsen, R.S. Signature: Jeremy Michelsen

Mecklenburg County Groundwater & Wastewater Services
700 N. Tryon St., Suite 211 Charlotte, NC 28202
Phone: (704) 336-5103 Fax: (704) 336-6894

NC DENR
Division of Environmental Health
On-Site Wastewater Section

OPERATION PERMIT for an ON-SITE WASTEWATER TREATMENT & DISPOSAL SYSTEM

File #: 3602A Permit #: 4502 Tax Parcel #: 023-012-26

Property Owner: Maynard Knotts

Job Location Address: 11300 Johnson-Davis Road

City: Huntersville State: NC Zip Code: 28078

Operation Permit Issuance Date: 1/27/10 Contractor Name: Dellinger Grading

Permitted Design Flow: 240 GPD

Liquid Capacity of Septic Tank: 1500 gallons

Liquid Capacity of Dosing Tank: Existing gallons

Effluent Pump Model: Zoeller 1/2

Drainfield Installation ☒ N/A

Trench Depth: _____ inches

Trench Width: _____ feet

Line Spacing: _____ feet (O.C.)

Total line length: _____ feet

# of Lines: _____ @ _____ feet

Depth of Media: _____ inches (Type) _____

Depth of Cover: _____ inches

Distribution Device: _____

Bed Installation *(For Repair Installations ONLY.)* ☒ N/A

Bed Depth: _____ inches

Bed Width: _____ feet

Total line length: _____ feet

# of Lines: _____ @ _____ feet

Depth of Media: _____ inches (Type) _____

Depth of Cover: _____ inches

Distribution Device: _____

Water Supply Source

☐ Municipal ☒ Private Well ☐ Community Well

☐ Other _____

System Installation Setbacks

Distance from Building Foundation: >5' feet

Distance from Property Line: >10' feet

Distance from Water Supply Source: >50' feet

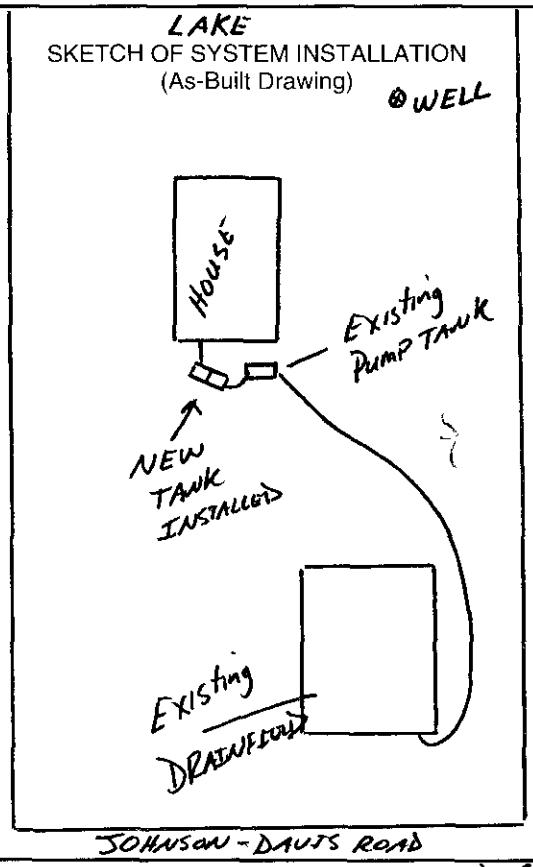
Inspection Dates

Tank(s) Inspected: 1/26/10

Excavation Inspected: —

Pump & Controls Inspected: 1/27/10

SKETCH OF SYSTEM INSTALLATION
(As-Built Drawing)



The undersigned has inspected the Septic Tank System described above, and certifies it has been ☐ installed ☐ altered ☒ repaired ☒ as detailed in the plot above ☐ in accordance with the permit issued 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. The issuance of this 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. 1900 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 or Revocation of this permit.

Comments: System Classification & Type: IIIb, GTB, Pressure, NA, NA

DENR Authorized Agent: Jeremy Micheletti R.S. Signature: Jeremy Micheletti R.S.

Mecklenburg County Groundwater & Wastewater Services
700 N. Tryon St., Suite 211 Charlotte, NC 28202
Phone: (704) 336-5103 Fax: (704) 336-6894

NC DENR
Division of Environmental Health
On-Site Wastewater Section

OPERATION PERMIT for an
ON-SITE WASTEWATER TREATMENT & DISPOSAL SYSTEM

File #: 3602A Permit #: 4150 2 Tax Parcel #: 023-012-26

Property Owner: Maynard Knotts

Job Location Address: 11300 Johnson-Davis Road

City: Huntersville State: NC Zip Code: 28078

OPERATION PERMIT CONDITIONS:

I. Performance: System shall perform in accordance with 15A NCAC 18A .1961.

II. Monitoring: System shall be monitored as required by 15A NCAC 18A .1961.

III. Maintenance: Ground absorption sewage treatment and disposal systems shall be checked, and the contents of the septic tank removed, periodically from all compartments, to ensure proper operation of the system. The contents shall be pumped whenever the solids level is found to be more than 1/3 of the liquid depth in any compartment.

IV. Operation: System shall be operated in accordance with 15A NCAC 18A .1961.

System Classification: IIIb

*Operation Permits for Type V and VI systems expire five (5) years from the date of issuance (in accordance with Table V(a)). The system owner must contact GWS six (6) months prior to expiration for permit renewal.

Subsurface system operator required: Yes ☐ No ☒

☐ This type of system requires the system owner to maintain a contract with a certified operator to perform system inspection, maintenance, and reporting as required in 15A NCAC 18A .1961. and Table V(a). The system owner is responsible for all fees associated with these services.

☐ System does not require inspection by GWS on a routine frequency.

☒ System requires inspection by GWS once every five (5) years. The system owner is responsible for all fees associated with the inspection.

☐ System requires inspection by GWS once every three (3) years. The system owner is responsible for all fees associated with the inspection.

☐ System requires inspection by GWS once every twelve (12) months. The system owner is responsible for all fees associated with the inspection.

☐ System requires inspection by GWS once every six (6) months. The system owner is responsible for all fees associated with the inspection.

V. Other: Repair to existing system

DENR Authorized Agent: Jeremy Michalec, R.S. Date: 1/27/10

Signature: Jeremy Michalec, R.S.

MECKLENBURG COUNTY HEALTH DEPARTMENT
Environmental Health Division
Groundwater & Wastewater Services

April 5, 2005

C. Maynard Knotts
11300 Johnson-Davis Rd.
Huntersville, NC 28078

Dear Mr. Knotts:

Re: Bacteriological Well Sample Results / Septic Inspection Report

Enclosed you should find a copy of the laboratory analysis of the well water sample that was collected at 11300 Johnson-Davis Road on March 30, 2005. The laboratory analysis of the well water sample was reported to be NEGATIVE for total coliform bacteria.

Enclosed you should also find a copy of the report for the septic system inspection that was conducted on March 30, 2005.

Please contact me at (704) 336-5568 if you have any questions concerning this.

Sincerely,

Trevor Thomason, R.S.I.
Managed Systems Program Coordinator
Groundwater & Wastewater Services

Enclosures: (2)

CHARLOTTE - MECKLENBURG UTILITIES

LABORATORY SERVICES DIVISION

ANALYSIS REPORT

REPORT DATE: 4/1/2005 04:00 PM
LOCATION: 3602A-11300 Johnson-Davis Rd
LOC ID: G-GWS
SAMPLE DATE-TIME: 3/30/2005 10:50
SAMPLE DESCRIPTION: Grab

SAMPLE ID: AB31764
CHAIN OF CUSTODY #: 05030539

	Parameter	Result	Units	RL	Method	Start Date/Time	Analyst
AB31764	E. COLI-PA	ABSENT	P/A		SM 9223B	3/31/2005 9:15	RDW
AB31764	Total Coliform	ABSENT	P/A		SM 9223B	3/31/2005 9:15	RDW

Comment:

Laboratory Supervisor:

Laboratory Certifications: McAlpine NC DENR No.148; Brookshire NC DENR No.162; Hal Marshall N.C. DENR No. 192, N.C. DHHS Laboratory No. 37527

CHARLOTTE-MECKLENBURG UTILITIES - LABORATORY SERVICES DIVISION

Hal Marshall Laboratory; 700 North Tryon St., Charlotte, NC 28202, 704/336-5460

CHAIN OF CUSTODY RECORD

PAGE 1 OF 1

CLIENT: *MECKLENBURG COUNTY, LUESA - GROUNDWATER AND WASTEWATER SERVICES*

FACILITY: GROUNDWATER (Potable Water)

LOCATION / ADDRESS: 11300 Johnson-Davis Rd., Huntersville NC 28078

LAB CODE (circle one): REAL PRIV NEW TNC MPL (PME) OTHER

Send Report To: Trevor Thomason, 700N Tryon St. Ste. 205, Charlotte, NC 28202

COC#: 05030539

Sampled By (Print Name): Trevor Thomason

A831764

SAMPLE ID	Sample Collectors Initials	Sample Collection: Begin Date and Time	Sample Collection: End Date and Time	Chlorinated System	Sample Temperature: Collection Temp	Sample Temperature: Receipt Temp	Sample Type: Depth Composite	Sample Type: Auto Composite	Sample Type: Hand Comp	Sample Type: Grab	Sample Containers: Plastic	Sample Containers: Glass	Sample Containers: # Containers	Chemical Preservative: None	HNO3	H2SO4	NaOH	HCl	Na2S2O3	pH Correct	Analyses Requested: Total Coliform	Nitrate	Nitrite	Nitrate + Nitrite	Fluoride	Hardness	Metals	Fecal Coliform	Fecal Strep	Pest/PCB, EPA 608	Herb, EPA 8151	VOA, EPA 8260	Semis, EPA 8270
3602A	TCT	10:50	3/30/2005	N		7.4	/			X	100 ml		1						X		X												
				N																													
				N																													
				N																													
				N																													

NOTES: Complete yellow shaded sections; each "X" needs to be circled.

Itemize requested Metals here:

COMMENTS: ****3-DAY TAT REQUESTED****

Relinquished By: (Signature)	Received By: (Signature)	Date	Time
[signature]	[signature]	3/31/05	840
Relinquished By: (Signature)	Received By: (Signature)	Date	Time
Relinquished By: (Signature)	Received By: (Signature)	Date	Time
Relinquished By (Signature)	Received By (Signature)	Date	Time

Form Revision 05; effective 03/15/2005

CODES: **REAL**=REAL ESTATE TRANSACTION **PRIV**=PRIVATE WELL SAMPLING BY REQUEST OR FOR REPAIR **NEW**=NEW WELL (PERMIT)

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

Inspection of Engineered Subsurface Wastewater System

Mecklenburg County	Knotts Residence	3602A
Health Department	**Name of Establishment**	**Permit/Project No.**
11300 Johnson-Davis Rd., Huntersville	2-Bedroom House	240 GPD
Location	**Type of Establishment**	**Design Flow**
C. Maynard Knotts Jr.	Same as location address	(704) 650-1109
Owner/Agent	**Address**	**Phone**
N/A	N/A	N /A
Operator	**Address**	**Phone**
IIIb	3/8/2010	
System Type	**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?	☐	☒	☐	3.a. Pump tank riser not accessible.
b. Tanks and access manholes structurally sound, watertight?	☐	☒	☐	3.b. Pump tank riser cracked.
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?	☐	☒	☐	5.A.a. Water hammer in supply line when
b. High-water alarm present and operating properly?	☐	☐	☒	pump shuts off.
c. Floats/pipe/valves/disconnects in good working condition?	☐	☐	☒	
d. *Control panel enclosure/components in good condition?*	☐	☒	☐	5.A.d. *No conduit on wiring from control*
e. Elapsed time readings: _____ _____ _____ _____				box.
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?	☐	☐	☒	

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:

1. Pump tank could not be inspected due to obstructions placed on lid. Remove items and contact me to request a reinspection of the pump tank.
2. Several items listed have not been corrected since the last inspection dated 3/9/2000.

SUMMARY OF REPAIRS REQUIRED AT THIS TIME:

1. Pump tanks routinely (every 3 to 5 years) to remove excess solids.
2. Drill 3/16" anti-siphon hole in discharge pipe to prevent water hammer.
3. Install conduit on all electrical wiring outside tank.
4. Repoint tank riser to repair cracks.

***REPAIR WITHIN 30 DAYS.**

SYSTEM MAINTENANCE/IMPROVEMENTS REQUIRED:

1. Updrage electrical components to bring up to current installation requirements.

DATE: 3/31/2005

SIGNED: _____, RSS AGENT
Division of Environmental Health

Mecklenburg County Public Health Laboratory

Environmental Health Section

249 Billingsley Road • Charlotte, North Carolina 28211

III b

Microbiological Analyses

Owner, System or Establishment: C. Maynard Knox

Address: 11300 Johnson-Davis Rd Huntersville, NC Zip: 28078

Collected By: L. Thompson

Date Collected: 3-9-00 Time: 1:30 AM PM

Sample Source: well tap

Date Delvd. to Lab: 3-9-00 Time: 3:35 AM PM

Delivered By: LBT ☑ Received Initials on Ice LBT

Type of Sample

Potable Water

☑ Individual Well ☐ Non-Community

☐ Community ☐ City

☐ Other (specify)

Treatment ☐ chlorinated ☑ nonchlorinated

☑ Initial Sample ☐ Recheck (chlorinated)

☐ Recheck (nonchlorinated)

☐ Other (specify) _____

Nonpotable Water

☐ Surface

☐ Storm ☐ Other (specify) _____

Analysis Requested: ☑ Total Coliform ☐ Fecal Coliform ☐ Fecal Strep ☐ Enterococcus

☐ Sulfate Reducing Bacteria ☐ Pseudomonas aeruginosa

☐ Other (specify) _____

☐ Food Analysis (specify) _____

Comments: _____

Laboratory Analysis Report

Method: _____ Membrane Filter ✓ Colilert _____ Multiple Tube Fermentation

Total Coliform Absent /100 ml.

Fecal Coliform Absent /100 ml.

Fecal Strep _____ /100 ml.

Enterococcus _____ /100 ml.

Non-Coliform _____ /100 ml.

Plate Count _____ /gm. or ml.

Coliform Count _____ /gm. or ml.

Pseudomonas aeruginosa _____ /100 ml.

Laboratory Comments:

Date Received: 3/9/00 Date Reported: 3/10/00

Received By: NLB Analyst: NLB Lab #: 374

Laboratory Identification #: 37518 DEHNR Division of Laboratory Services
#: 449 DEM

L 1.14 1/92
Rev. 10/96
4319

White - Lab Report Copy Yellow - Lab File copy

Mecklenburg County
Health Department

March 15, 2000

C. Maynard Knox, Jr.
10923 Arthur Auten Road
Huntersville, NC 28078

Dear Mr. Knox:

Enclosed you will find the laboratory analysis of the well water sample that was collected at 11300 Johnson Davis Road, Huntersville, NC on March 9, 2000.

The laboratory analysis of the well water sample was reported to be negative for coliform bacteria.

The inorganic water sample results are not yet available. I will forward a copy of those results to you just as soon as I receive them from the State Laboratory If you have any questions regarding this matter, please feel free to contact me at 336-5568.

Sincerely,

L. B. Thompson, Jr., R.S.

Larry B. Thompson, Jr., R.S., Coordinator
Managed Systems Program
Individual Water and Wastewater Systems

Enclosures

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

INSPECTION OF ENGINEERED SUBSURFACE WASTEWATER SYSTEM

Mecklenburg — Health Department | Name of Establishment | 3602 A — Permit/Project No.

11300 Johnson-Davis Road — Location | residence — Type of Establishment | 240 gpd — Design Flow

C. Maynard Knox, Jr., 10923 Arthur Huten Road, Huntersville 28078 — Owner/Agent | Address | Phone

None - IIIb — Operator | Address | Phone

Remarks

	Yes	No	REMARKS
1. ESTABLISHMENT:			
Type, size, and sewage flow in accordance with permit?	☒	☐	
2. COLLECTION SYSTEM:			
No evidence of leaks into or out from sewer lines/manholes?	☐	☐	
Free of blockages/solids buildup in lines or manholes?	☐	☐	
3. TANKAGE (Grease Traps/Lift Stations/Septic/Dosing Tanks):			
Tank risers accessible and surface water diverted?	☑	☐	- pump tank contained suspended solids as deep as 12" in places & time to pump both tanks
Tanks and access manholes structurally sound, watertight?	☑	☐	
Sanitary tee(s) in good working condition?	☐	☐	none
Tanks pumped, cleaned out as needed?	☐	☑	The suspended solids will eventually clog your drainfield.
4. RAW SEWAGE LIFT STATION (if present):			
Required pumps present, operating, and cycling properly?	☐	☐	
High-water alarm present and operating properly?	☐	☑	- No conduit between control panel and riser
Floats/pipe/valves/disconnects in good working condition?	☑	☐	
Control panel enclosure/components in good condition?	☐	☑	- Control panel cut at base.
5. EFFLUENT DOSING SYSTEM:			
Effluent appears clear, free of excess solids?	☐	☐	
PUMP SYSTEMS:			
Required pumps present, operating, and cycling properly?	☐	☐	* Pump is not supported within the pump tank. This can cause pipe breakage due to the fact that the pump's weight is being supported by the 2" discharge pipe
High-water alarm present and operating properly?	☐	☐	
Floats/pipe/valves/disconnects in good working condition?	☐	☐	
Control panel enclosure/components in good condition?	☐	☐	
Elapsed time readings: _____ _____ _____			
SIPHON SYSTEMS:			
No evidence of overflow or siphon leakage?	☐	☐	
Siphon(s) appear to be working/alternating properly?	☐	☐	
Bells and vents free of debris and in good condition?	☐	☐	* Discharge pipe needs 5/16" hole to eliminate "water hammer" that is being caused at the present.
6. GROUND ABSORPTION FIELDS:			
No evidence of effluent surfacing/reaching surface waters?	☑	☐	Looks good.
Minimal ponding in subsurface trenches?	☑	☐	
Surface water being effectively diverted away?	☑	☐	
Diversions/ditches/swales/tile drains properly maintained?	☑	☐	
Line cover/vegetation adequate/maintained as needed?	☑	☐	
Protected from traffic, destructive uses?	☑	☐	
Distribution devices in good condition, working properly?	☑	☐	
Repair area properly reserved, maintained?	☑	☐	
LOW-PRESSURE PIPE DRAIN FIELDS:			
Turnups/cleanouts/valves intact and accessible?	☐	☐	
No effluent standing in lower laterals?	☐	☐	
Laterals free of excess solids, cleaned out as needed?	☐	☐	
Pressure head is properly adjusted?	☐	☐	

OVERALL CONDITION AND OPERATION OF SYSTEM: Drain field looks good - needs maintenance at the pump tank

SUMMARY OF IMPROVEMENTS NEEDED:

Improvement	Repair Within (Days)
Pump out both septic and Pump tanks	30
Add support block for pump	30
Drill 5/16" "air hole" just above pump in discharge pipe	30
Recommend conduit for exposed wires	—

DATE: 3-9-00 SIGNED: J B Thompson Jr. R.S. AGENT

Division of Environmental Health

DENR 3702 (Revised 3/98)
On-Site Wastewater Section (Review 12/98)

– over –

SUMMARY OF IMPROVEMENTS NEEDED (cont.)

Improvement	Repair Within (Days)

INTENT TO SUSPEND OR REVOKE PERMIT

This is to notify you of intent to suspend/revoke your operation permit/certificate of completion 60 days from this date for the following
(circle one) *(circle one)*

violations: _____
[Law or Rule(s)]

If suspended, the operation permit or certificate of completion remains suspended until violations are corrected. A hearing will be held prior to suspension or revocation if you file a petition for a hearing with the Office of Administrative Hearings, P. O. Drawer 27447, Raleigh, NC 27611-7447, in writing within the number of days specified above of your intent to attend the hearing. If you do not petition the Office of Administrative Hearings, the operation permit or certificate of completion will be suspended or revoked.

IMMEDIATE SUSPENSION OR REVOCATION OF PERMIT

This is to notify you of immediate suspension/revocation of your operation permit/certificate of completion for the following violations:
(circle one) *(circle one)*

_____
[Law or Rule(s)]

If suspended, the permit or certificate remains suspended until the violations are corrected. You will be notified of the day and location of a hearing on this suspension or revocation by a hearing officer from the Office of Administrative Hearings.

This the _____ day of _____, 19 _____.

_____ Agent
DIVISION OF ENVIRONMENTAL HEALTH

INSTRUCTIONS

Purpose: Article 11 of Chapter 130A requires the Commission for Health Services to adopt rules governing the design, construction, and operation of on-site wastewater systems. 15A NCAC 18A .1937 specifies that the local health department shall determine whether systems with an Operation Permit are operating properly at a frequency specified in Rule .1961, Table V(a), and that systems which exceed 3,000 gallons per day and other systems which are required to be designed by a professional engineer shall be reinspected annually. This form is developed to be used in making inspections of engineered subsurface wastewater systems.

Preparation: Local environmental health specialists shall complete the form every time they conduct an inspection. Prepare an original and two copies for:

1. Original to be left with the responsible person.
2. Copy for the local health department.
3. Copy for the On-Site Wastewater Section, Division of Environmental Health.

In the event the permit is suspended or revoked, complete the portion above.

Disposition: This form may be destroyed in accordance with Standard 7, Inspection Records, of the *Records Disposition Schedule* published by the N.C. Division of Archives and History.

Additional forms may be ordered from: On-Site Wastewater Section
Division of Environmental Health
P. O. Box 29594
Raleigh, NC 27626-0594
(Courier 52-01-00)

North Carolina State Laboratory of Public Health
Department of Health and Human Services
P. O. Box 28047 -- 306 N. Wilmington St. -- Raleigh, N. C. 27611-8047

INORGANIC CHEMICAL ANALYSIS - PRIVATE WATER SYSTEM

Name of System: Knox, C. Maynard Jr.
Address: 11300 Johnson-Davis R
Huntersville, NC **Zip:** 28078

County: MECKLENB

Report To: Mecklenburg Co. Env. Health
700 North Tryon Street
Charlotte, NC 28202
Courier: 05-16-21

ATTN: L. Thompson
(704) 336-5101

Source of Water: ground
Source of Sample:
Type of Sample: raw
Type of Treatment: none
Type of Analysis PRIVATE

Collected By: L. THOMPSON **Date:** 03/09/2000 **Time:** 1:30:00 PM
Location of sampling point: well tap
Remarks: III b

Parameters	Results	Units	Date Analyzed:
Alkalinity as CaCO3	148	mg/l	03/10/2000
Arsenic	<0.001	mg/l	03/10/2000
Calcium	37.2	mg/l	03/10/2000
Chloride	7	mg/l	03/10/2000
Copper	<0.05	mg/l	03/10/2000
Fluoride	<0.10	mg/l	03/10/2000
Iron	0.15	mg/l	03/10/2000
Hardness as CaCO3 (Ca,Mg)	156	mg/l	03/10/2000
Magnesium	15.4	mg/l	03/10/2000
Manganese	<0.03	mg/l	03/10/2000
Lead	<0.005	mg/l	03/10/2000
pH	7.2	Std. unit	03/10/2000
Zinc	<0.05	mg/l	03/10/2000

Date Received: 03/10/2000 **Report Date:** 03/17/2000 **Reported By:** _____
Today's Date: 03/17/2000 **Ref:** 3662 **Sample Number:** AA32319

Mecklenburg County
Health Department

January 5, 1999

C. Maynard Knox, Jr.
10923 Arthur Auten Road
Huntersville, NC 28078

Dear Mr. Auten:

This letter is being sent to all home/business owners in Mecklenburg County with septic tank systems that utilize pumps. In 1990 the North Carolina Administrative Code governing septic tank systems was amended to require routine maintenance and inspection of certain septic tank systems. Research conducted on septic tank systems has shown that properly maintained systems perform better and protect the home/business owner's investment. These State rule changes required local health departments to perform additional inspections without additional resources. During the 1998-99 budget hearings, the Mecklenburg County Board of County Commissioners (BOCC) approved user fees to offset costs and to allow the local health department to comply with mandatory enforcement requirements in the State regulations.

Since you have a pump system, these new rules and fee requirements affect you. The fee is $85.00 and is due upon receipt of this notice. We will visit your property and make assessments and recommendations for the continued efficient operation of your septic tank system. In addition, if you have a well, bacterial and inorganic samples will be collected to help assess the quality of your water supply source. The process, including fee assessment, will be repeated every five (5) years. The fee amount may change in the future.

We are excited about the interest and support demonstrated by the BOCC. Past performance in this area was more enforcement oriented rather than supportive. One of our goals is to establish our department as a resource to you to aid and assist you with this and related public health concerns. The inspection program and the water analysis are important to the health of you and your family. This is a very important initiative intended to protect the public's health while improving and preserving our groundwater resources.

Your prompt fee payment will activate our inspection process. Your comments and questions regarding this matter are encouraged and welcomed.

Sincerely,

L B Thompson, Jr., R.S.

Larry B. Thompson, Jr., R.S., Coordinator
Managed Systems Program
Individual Water and Wastewater Systems

Enclosure

cc: Fiscal Services Manager, HMHCS

MAINTENANCE INSPECTION STATEMENT

MECKLENBURG COUNTY HEALTH DEPARTMENT

OWNER:
C. Maynard Knox, Jr.
10923 Arthur Auten Road
Huntersville, NC 28078

Please Make Check Payable To:

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

Note: THIS COMPLETED FORM MUST ACCOMPANY PAYMENT!

DESCRIPTION OF PROPERTY

Name	Site Address	Tax Parcel	File Number	System Type	# of Bedrooms
C. Maynard Knox, Jr.	11300 Johnson-Davis Road	023-023-10	3602 A	IIIb	1

Total Amount Due: $85.00

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

Name _____

Site Address _____

_____

# of Bedrooms _____

BILL INFORMATION

Billing Date	Payment Due Date
1/5/00	1/29/00

Direct Questions Concerning This Bill To ..... (704) 336-5102

☐ *Please check if you have a well.*

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

DO NOT SEND CASH

INSPECTION STATEMENT

MECKLENBURG COUNTY HEALTH DEPARTMENT

PAST DUE NOTICE

C. Maynard Knox, Jr.
10923 Arthur Auten Road
Huntersville, NC 28078

Please Make Check Payable To:

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

Note: THIS COMPLETED FORM MUST ACCOMPANY PAYMENT!

DESCRIPTION OF PROPERTY

Name	Site Address	Tax Parcel	File Number	System Type
C. Maynard Knox, Jr.	10923 Arthur Auten Road	023-023-10	3602 A	IIIb

Total Amount Due: $85.00

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

Name _____

Site Address _____

_____

# of Bedrooms _____

BILL INFORMATION

Billing Date	Payment Due Date
1-5-00	1-29-00 *PAST DUE*

Direct Questions Concerning This Bill To ..... (704) 336-5102

☐ *Please check if you have a well.*

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

DO NOT SEND CASH

4/DD RV

3602A

INDIVIDUAL WATER AND WASTEWATER SYSTEMS PROGRAM
APPLICATION FOR SERVICES

PD 50' Clust 3/4 5/3/93 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: 5/3/93

PERSON FILING APPLICATION:

NAME: Lockhear (last) John (first) F (mi)

ADDRESS: 6610 Riverview Dr PHONE: ( ) 392-1137

CITY: Charlotte STATE: NC ZIPCODE: 28216

PROPERTY INFORMATION (FROM ENGINEERING FORM):

TAX/PARCEL NUMBER: 023-023-10

STREET ADDRESS: 11300 Johnson Davis Rd

ZONING:

PROPERTY OWNER:

NAME: KNOTTS (last) MAYnard (first) (mi)

ADDRESS: PHONE: ( ) 875-1525

CITY: STATE: ZIPCODE:

SUBDIVISION OR MOBILE HOME PARK NAME:

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

TYPE APPLICATION (check one):

LOT NUMBER: LOT SIZE (in acres):

[] SOIL TEST - INDIVIDUAL LOT (D)
[] 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)
[X] REPAIR TO SYSTEM (R) Deck

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: 4 NUMBER OCCUPANTS: 2

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)

FUTURE ADDITIONS - ALL PLANNED ADDITIONS MUST BE ENTERED (check all that apply):
[] Swimming Pool [] Jacuzzi [] Stable/Barn [] Workshop [] None
[] Garage [] Storage Building [X] 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: B Locklear Date: 5-3-93

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.

...

Use existing system

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

Philip S. Walker R.S. 5/4/93
Environmentalist Date

Director or Authorized Section Head Date 5/6/93

WWATER : 122791

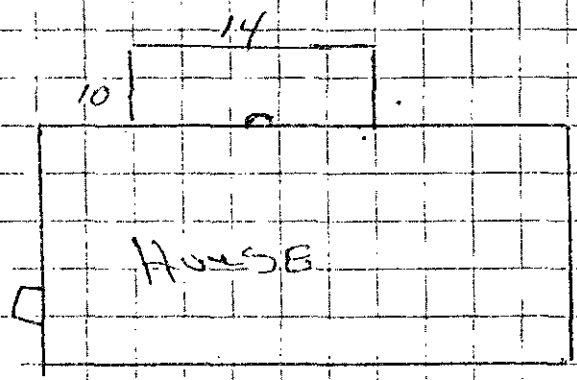
PROPOSED PLOT PLAN

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

FILE: 3602A

TC: _____

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.



APPROVAL DATE _____

INDIVIDUAL WATER AND WASTEWATER SYSTEMS PROGRAM
APPLICATION FOR SERVICES

3602A

Repair

[] 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

PERSON FILING APPLICATION:

NAME: _____ (last) (first) (mi)

ADDRESS: _____ PHONE: (___) _____

CITY: STATE: ZIPCODE:

Date:

PROPERTY OWNER:

NAME: Maynard Knox (last) (first) (mi)

ADDRESS: 11300 Johnson Davis Rd PHONE: (___) _____

CITY: STATE: ZIPCODE:

PROPERTY INFORMATION (FROM ENGINEERING FORM):

TAX/PARCEL NUMBER: 023-023-10

STREET ADDRESS: 11300 Johnson Davis Rd

ZONING: _____

SUBDIVISION OR MOBILE HOME PARK NAME:

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

TYPE APPLICATION (check one):

LOT NUMBER: LOT SIZE (in acres):

[] SOIL TEST - INDIVIDUAL LOT (D)
[] 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)*
[X] REPAIR TO SYSTEM (R)

RESIDENTIAL PROPERTY (Type Building, check one):
[X] SINGLE MOBILE HOME (S) [] HOUSE (H) [] MULTIPLE FAMILY (U)
[] DOUBLE WIDE (D) [] MODULAR HOME (M) [] OTHER _____ (O)

NUMBER BEDROOMS: NUMBER OCCUPANTS:

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)

FUTURE ADDITIONS - ALL PLANNED ADDITIONS MUST BE ENTERED (check all that apply):
[] Swimming Pool [] Jacuzzi [] Stable/Barn [] Workshop [] 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: Date: 4/8/93

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

Environmentalist Date

Director or Authorized Section Head Date

WWATER : 122791

400

INSTALLATION, CONSTRUCTION, ALTERATION, AND/OR REPAIR PERMIT

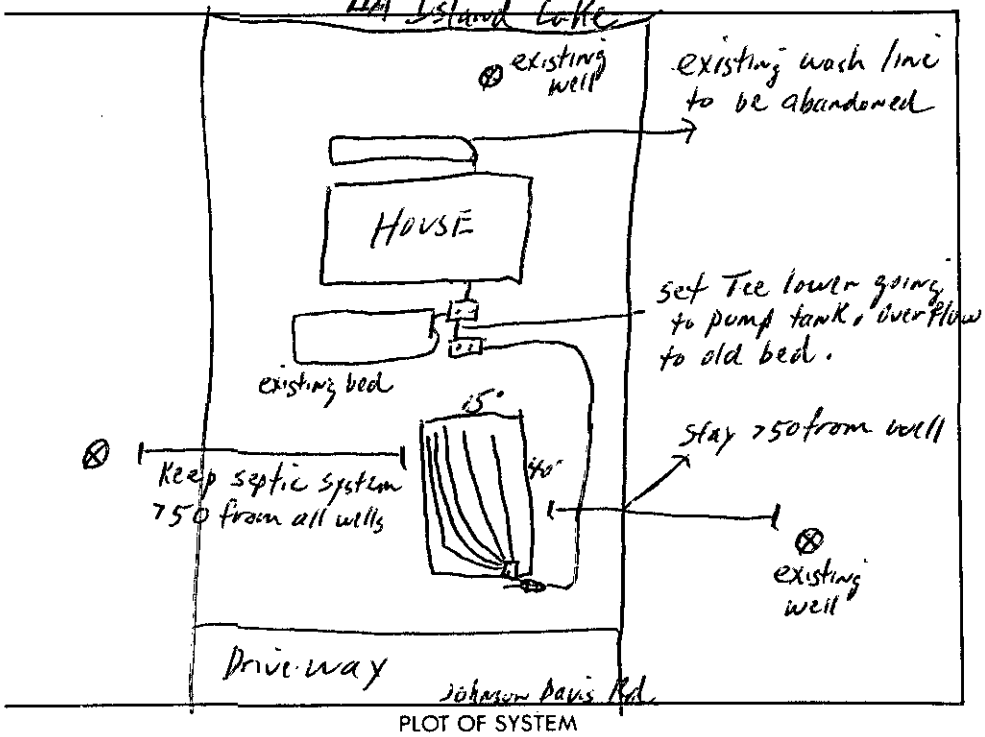
HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH DIVISION
1200 BLYTHE BOULEVARD
CHARLOTTE, NC 28203
PHONE (704) 376-4603

FILE: 3602A DATE: 4/8/93

TC: 023 023 10 ☐ L

SERIAL Nº 15456

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 the application dated 4/8/93. All work shall be completed on or before 4/8/93, after which date this permit shall be null and void. The system shall meet all of the construction requirements of 10 NCAC 10A .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.



PLOT OF SYSTEM

Liquid Capacity of Septic Tank – gallons

Liquid Capacity of Dosing Tank 1000 gallons

Tank Construction PCC

Absorption and/or Nitrification Lines:

Bed ~~Trench~~ Width 15 feet

Total Line Length 200' feet

Number of Lines 5 (40')

Depth of Stone 24" inches

Distance from House 5 feet

Distance from Property Line 10 feet

Distance from Well 750 feet

NAME OF OWNER Maynard Knox

LOCATION OF PROPERTY 11300 Johnson Davis Rd

Comments: bed system 15'wd x 40'long x 24"stone | Keep septic system > 50' from all well. Existing washer bed to be abandoned (washer line to be plumbed to tank) set Tee lower going to pump tank, Overflow to old bed

Division or Section Head

Philo S. Walker R.S.
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 Mecklenburg County Health Department in order to be valid. Only the signature of the Environmentalist is required where an existing system is being altered or repaired.

WHITE - HEALTH DEPARTMENT'S COPY • CANARY - ENVIRONMENTALIST'S COPY • PINK - OWNER OR AGENT'S COPY

CERTIFICATE OF COMPLETION/OPERATION PERMIT

HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH DIVISION
1200 BLYTHE BOULEVARD
CHARLOTTE, NC 28203
PHONE (704) 376-4603

FILE: 3602A DATE:

TC: 023 023 10 ☐ L ☐ CRT

SERIAL № 15183

Name of Owner Maynard KNOX Juris.:

Address of Property 11300 Johnson Davis Rd

Inspection Data:

Tank Material PCC

Total Length of Drainfield 200'

Number of Lines 5 @ 40'

Cover Depth 8"

Water Supply Source well

Distance to Water Source 750

Excavation Inspected 4/15/93

Tank(s) Inspected 4/15/93

Wash Line Inspected 4/

High Water Alarm Inspected 4/15/93

PLOT

1993 Design: 1000 DT, PI, 500SFB, 24"stone CTR# Robert Brigman

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 10 NCAC 10A .1900, "Laws And Rules For Sanitary Sewage Collection, Treatment, And Disposal" in effect on the date of issuance of the permit. The 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 10 NCAC 10A .1900 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.

COMMENTS: Neighbors wells located 52' (left neighbor facing house) and 58' (Right Neighbor)

respectfully

Phil A. Walker R.S.
Environmentalist

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

Carolgale Builders Co. Inc.

9516 Point O'Woods Dr.
Charlotte, N.C. 28216

Paul Howard Gale III
President

Phone
(704) 596-5264

Sept. 3, 1987

This is a resubmission application of 11300 Johnson Davis Road, we were turned down because a new system could not be installed within the confines of the neighbors well etc. We submit abandoning the well owned by the neighbor on the left and drill a new well 40' or more from property line (neighbor to left has agreed to this).

We are also aware that certain measures must be taken to abandon a well and have talked to Bill Crawford in Mooresville as how to best do this. He will inspect to make sure these measures have been taken (and they will). Sylvia Daniel has knowledge of this property and abandoning of well per phone conversation on Sept. 2, 1987.

Please call is I can help, 596 - 5264 Thank you.

Paul H. Gale III

Paul H. Gale III

SEE INSTRUCTIONS ON BACK

Date Received _____

ICAR(S) Application No. 3602A

T. C. No. _____

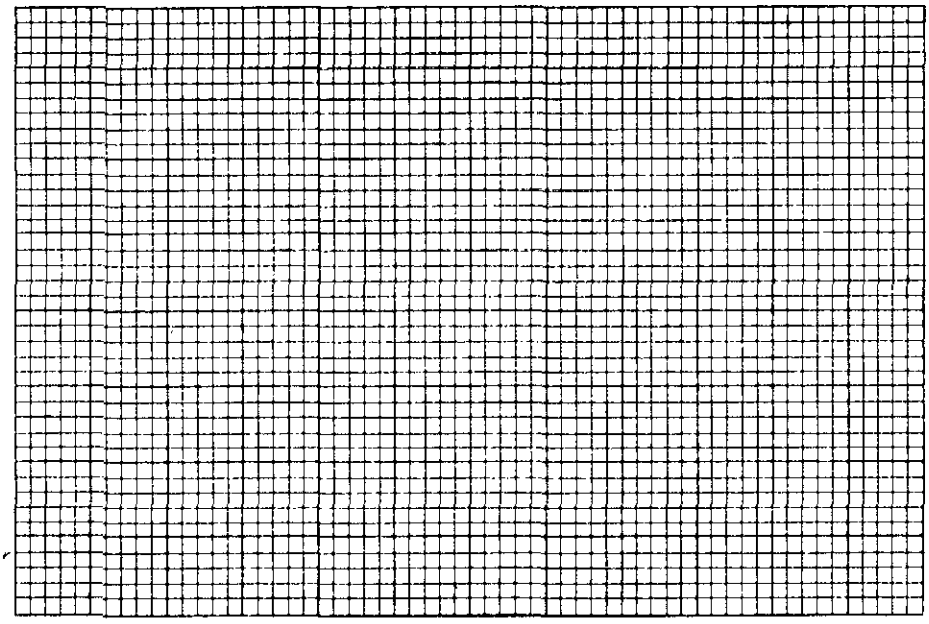
Map Date _____

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) ____ Install or Construct 2) X 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 X Yes ____ No

4) No. of Bedrooms 2
5) Business Use — Max (No) Employees ____
6) Washing Machine X Yes ____ No
7) Garbage Disposal ____ Yes X No
8) Dishwasher X Yes ____ No
9) Water Supply:
A) Individual Well X
B) Governmental System ____
C) Community System:
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 Knotts (LAST) Claude (FIRST) Maynard (MIDDLE)

14) ADDRESS OF OWNER 11300 Johnson Davis Rd. Huntersville, N.C.

15) PHONE NO. Home 597-9820 Office 597-9820

16) LOCATION OF SYSTEM 11300 JOHNSON DAVIS RD. (STREET OR COUNTY ROAD)

17) SUBDIVISION ____ Lot No. ____ Block No. 3

Map Book No. 023 Page No. 02

18) DEED REFERENCE — DEED BOOK 7 AT PAGE 587

19) HAS A SOIL INVESTIGATION BEEN RUN? X YES ____ NO DATE RUN 8-87

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.

X 9-1-87
DATE OF APPLICATION

X Claude Maynard Knotts, Jr.
OWNER

EHD-5-76

ENVIRONMENTAL HEALTH DEPARTMENT'S COPY

MECKLENBURG COUNTY ENVIRONMENTAL HEALTH

APPLICATION FOR AN IMPROVEMENT PERMIT

MECK COUNTY DEPARTMENT OF
RECEIVED
JUN 19 1987
ENVIRONMENTAL HEALTH

1200 BLYTHE BOULEVARD
CHARLOTTE, NC 28203
PHONE (704) 376-4603

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

(OFFICE USE ONLY)
FILE: 3602A
TC:

MECK COUNTY DEPARTMENT OF
RECEIVED
JUN 15 1987
ENVIRONMENTAL HEALTH

SERIAL: Nº 13728 ☐ L ☐ CRT

JOB LOCATION

① ADDRESS: 11300 (STREET NO.) Johnson Davis (STREET) Rd. ② FILE:

③ JURISDICTION: Mech. ④ TAX PARCEL NO.: 023 023 10

⑤ SUBDIVISION: ⑥ LOT: ⑦ BLOCK:

OWNER

⑧ NAME: Claude (FIRST) Maynard (MIDDLE) Knotts, Jr. (LAST)

⑨ MAILING ADDRESS: 6007 Statesville Rd.

⑩ CITY: Charlotte ⑪ STATE: N.C. ⑫ ZIP: 28213

⑬ PHONE: (WORK) 597-9820 ⑭ (HOME) 597-8265

REQUEST

This request is for a(n):

⑮ ☐ New permit

⑯ ☑ Repair or alteration permit

⑰ ☐ Authorization for mobile home exchange

⑱ ☐ Other (specify)

DESIGN CRITERIA

System will serve:

⑲ ☑ Residence ⑳ ☐ Mobile home

㉑ ☐ Business or place of public assembly

㉒ Number of bedrooms? 2

㉕ Type?

㉓ Maximum occupancy? 3

㉖ Maximum number of employees?

㉔ Basement? ☑ yes ☐ no

㉗ Maximum number of seats?

WATER SUPPLY

㉘ Water supply from (present or proposed):

A ☑ Individual well

B ☐ Municipal system

C ☐ Community well

D ☐ Community system

㉙ The undersigned, 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 DEPARTMENT OF ENVIRONMENTAL HEALTH to enter onto the property for the purpose of processing this request.

Signed: Maynard Knotts

Date: 6/9/87

IMPROVEMENT PERMIT

The undersigned, an authorized agent of the MECKLENBURG COUNTY DEPARTMENT OF ENVIRONMENTAL HEALTH, certifies that the Department has approved 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 permit is issued by this Department.

. . . This permit is not transferable, and shall become null and void 36 months from the date of issuance.

Environmentalist / Date

Director or Authorized Section Head / Date

*This permit must be signed by the Director of Environmental Health or an authorized section head in order to be valid.

MECKLENBURG COUNTY

Department of Environmental Health

July 8, 1987

Claude Maynard Knotts, Jr.
6007 Statesville Road
Charlotte, NC 28213

Dear Mr. Knotts:

Subject: Property located at 11300 Johnson Davis Road

Receipt of the plans and specifications for an improvement permit at the above referenced property is hereby acknowledged. Upon receipt of the plan, a review was made of the material on file and a site evaluation was conducted. The plan was then reviewed in conjunction with provisions of 10 NCAC 10A .1900, "Laws and Rules for Sanitary Sewage Collection, Treatment and Disposal". Our comments are listed below:

> The existing septic system does not meet current regulations regarding drainfield size. Because of topographic and available space limitations there is no room for enlargement of the existing drainfield.

For these reasons, the plans as submitted are disapproved.

If you have any questions regarding these matters, please do not hesitate to contact me.

Very truly yours,

Kelly Randall

Kelly Randall, R.S.
On Premises Waste Disposal Section

KR/ir