



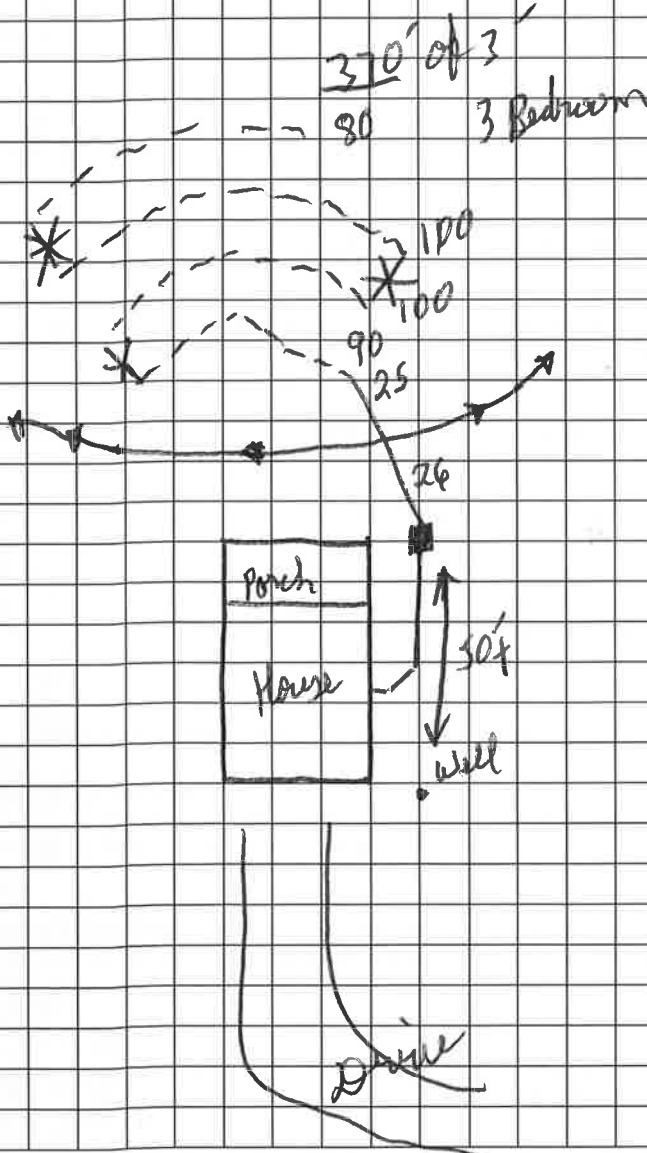
TENNESSEE DEPARTMENT OF ENVIRONMENT AND CONSERVATION
DIVISION OF WATER RESOURCES

Land-Based System Unit
William R. Snodgrass - Tennessee Tower
312 Rosa L. Parks Ave., 11th Floor
Nashville, TN 37243-1102

CERTIFICATE OF COMPLETION OF SUBSURFACE SEWAGE DISPOSAL SYSTEM

Issued to: Randy Angus
Owner, Developer, Contractor, Installer, Etc.
Location: Moore Hollow Rd
map 77 Parcel 19
Parcel Map

Type of System
☒ 1. Conventional
☐ 2. Modified Conventional
☐ 3. Conventional System Substitute
☐ 4. Low Pressure Pipe
☐ 5. Mound
☐ 6. Lagoon
☐ 7. Subsurface Drip System
☐ 8. Other: _____
☐ Chamber
☐ Poly Expanded Styrene
☐ Large Diameter Gravelless Pipe
☐ Sand Backfill required
Septic Tank precast 1000
(type) (volume)
Estimated Absorption Rate 75
(minutes per inch)
☒ New Installation ☐ Repair ☐ Other _____
Installed by: Randy Angus



Construction Approved by: Kenneth Wallace
(Name and Title)

4-4-19
Date

Original - File

Copy - Owner

SEPTIC TANK CARE

Residential sewage disposal systems are generally used in rural and un-sewered suburban areas. A septic tank system must be properly designed, installed and maintained if reasonable service is to be expected.

A septic tank is a watertight structure in which organic solids decompose by the natural bacterial processes. The flow of sewage, is slowed in its passage through the tank so that larger solids settle to the bottom and accumulate as sludge. Grease and lighter particles rise to the surface and form scum.

The bacteria present in a tank are able to thrive in the absence of oxygen. Such decomposition in the absence of oxygen is called "septic", which led to the naming of the tank. Solids and scum are digested and reduced to a smaller volume by the bacteria in the tank. However, a residue of sludge remains which must be stored during the interval between tank and cleanings.

The partially treated sewage, or effluent, flowing from the tank is still septic and contains large numbers of harmful bacteria and organic matter in a finely divided state or in a solution. Foul odors, unsightly conditions and health hazards will develop if this effluent is ponded on the surface of the ground or carried away in open ditches. Final disposal of the effluent in a subsurface soil absorption system or filter is necessary to avoid these problems.

LOCATION

To facilitate inspection and maintenance, it is imperative that the homeowner knows the location of all parts of the disposal system. Such information may be obtained from the local health authority. Details and accurate measurements including the location of the tank, pumps, underground piping, and the absorption system should be shown on a sketch for future reference.

The local health authority should be consulted to determine the minimum requirements relating to the distance between disposal systems and water supply facilities.

MAINTENANCE

The frequency of cleaning depends on the size of the septic tank and the number of people it serves. When a garbage grinder is used, more frequent cleaning will be required. With ordinary use and care, a septic tank may require cleaning every 2 to 3 years. However, in many cases septic tanks can be satisfactorily operated even longer. The homeowner should determine when the tank needs cleaning.

Actual measurement of sludge deposit and scum accumulation is the only method of determining when a tank needs to cleaning.

Scum can be measured with a stick to which a weighted flap has been hinged, or with any device that can be used to feel out the resistance from the bottom of the scum felt. The stick if forced through the mat, the hinged flap falls into a horizontal position and the stick is raised until resistance from the bottom of the scum felt. With the same tool, the distance to the bottom of the outlet device can be found.

A ling stick wrapped with rough white toweling and lowered to the bottom of the tank will show the depth of sludge and the liquid depth of the tank. The stick should be lowered behind the outlet device to avoid scum particles. After several minutes if the stick is carefully removed, the sludge line can be distinguished by sludge particles clinging into the toweling.

In two-compartment tanks, measurements should be made near the outlet of the first compartment.

The tank should be cleaned if either (a) the bottom of the scum mat is within 3 inches of the bottom of the outlet device or (b) sludge comes within the limits specified in the accompanying table.

LIQUID CAPACITY OF TANK GALLONS	LIQUID DEPTH		
	3 feet	4 feet	5 feet
	Distance from bottom of the outlet device to top of sludge, inches.		
750	6	10	13
900	4	7	10
1,000	4	6	8

Do not allow any person who does not have a health department permit pump your septic tank. Septic tanks are usually cleaned by companies who make this operation a business. The homeowner should check with the local health department for the names of reputable companies in the area.

There are no known chemicals, yeast or other substance, capable of eliminating or reducing the solids in a septic tank so that cleaning is unnecessary. The use of such products is not necessary for the proper operation of a septic tank.

Septic tanks and absorption systems frequently are damaged by heavy trucks or equipment moving over them. Reference to the location sketch of the system will be helpful in directing heavy vehicles away from the critical areas. If there is no way to avoid crossing a sewer line, cast iron should be used under the crossing.

The roots of trees and shrubbery may enter the tile lines and clog them completely. When this occurs, the roots can be removed only by digging up and cleaning the tile line.

Neglect of the septic tank is the most common cause of damage to soil absorption systems. When the tank is not cleaned, solids build up and are carried over into the absorption system causing clogging of the soil. When this happens, the absorption system must be relocated and rebuilt.

M-77
P-19.00

This system shall consist of a two compartment septic tank holding 1000 gallons, with 370 linear feet in — trenches, 36 inches wide and 24 inches deep. (Depth of gravel: 12 inches)

Also required:

- (V) 1. Soil Improvement Practice (SIP) **WIDE 36**
() 2. Flow Diversion Valve
() 3. Sewage Pump
() 4. Other:

The recipient of this permit agrees to construct or have constructed the above described system in accordance with T.C.A. 68-221-401 et. seq. and The Regulations To Govern Subsurface Sewage Disposal Systems. If any part of the system is covered before being inspected and approved, it shall be uncovered by the recipient of the permit at the direction of personnel of the Department of Environment and Conservation. **Any cutting, filling or alterations of the soil conditions on the aforementioned property after this day may render this approval null and void.**

(Signature of Recipient)

Date _____

Issued at Clarksville

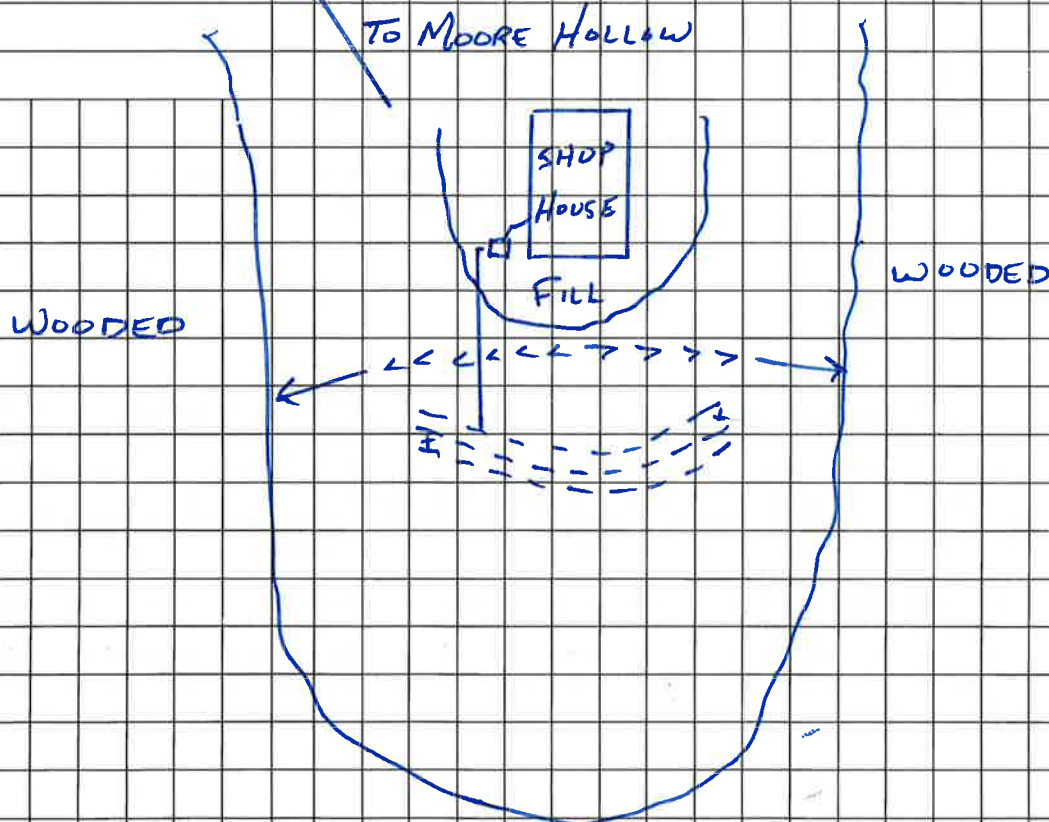
Tennessee, in

By _____
(Name and Title)

Date 3-27
(Date of Issue)

This permit is valid for 3 years from date of issue.

Notes



- X Crossover
 →→ SIP
 - - - Field Line
 Solid Line

This is a permit to construct and is not intended to imply approval of any work proposed or completed on this lot.



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APPLICATION FOR WATER RESOURCES SERVICES

1. SERVICE REQUESTED: (check service)	APPLICANT COMPLETE QUESTIONS:	FEES DUE	PTBMIS CODES V689 Code Supp/Code
<input type="checkbox"/> Septic System Construction Permit			
<input type="checkbox"/> Dwelling.....	2,3,4,7,8,9	\$ 500.00	78064 Yes
<input type="checkbox"/> Commercial: gpd.....	2,3,4,7,8,9	\$	78064 Yes
<input type="checkbox"/> System Modification.....	2,3,4,7,8,9	\$	78064 Yes
<input type="checkbox"/> Repair.....	2,3,4,7,8,9	\$	
<input type="checkbox"/> Conventional Construction Inspection.....	2,3,4,7,8,9	\$	78064A Yes
<input type="checkbox"/> System Modification.....	2,3,4,7,8,9	\$	78030
<input type="checkbox"/> Inspection Letter.....	2,3,5,7,8,9	\$	78030
<input type="checkbox"/> Certificate of Verification.....	2,3,4,7,8,9	\$	78032 Yes
<input type="checkbox"/> Water Sample			
<input type="checkbox"/> Total Coliform.....	2,3,4,7,8,9	\$	78036 Yes
<input type="checkbox"/> Fecal Coliform.....	2,3,4,7,8,9	\$	78038 Yes
<input type="checkbox"/> Alternative System Permit*.....		\$	78068
<input type="checkbox"/> Large or Alternative Construction Inspection.....	2,3,4,7,8,9	\$	78068A Yes
<input type="checkbox"/> Large Conventional System Plan Review*.....		\$	78090
<input type="checkbox"/> Large or Alternative System Plan Review*.....		\$	78090
<input type="checkbox"/> Experimental System Plan Review*.....		\$	78072
<input type="checkbox"/> Subdivision Evaluation: Lots: _____ *		\$	78084 (A,B,C)
<input type="checkbox"/> Installer Permit: Type(s) _____ *		\$	78026 Yes
<input type="checkbox"/> Pumper Permit *.....		\$	78028
<input type="checkbox"/> Domestic Septage Disposal Site Permit.....		\$	78031

*Applicant may review these service requests with a staff member prior to processing application.

2. LANDOWNER:

Names: _____ Names: Barclay Anglin
Address: _____ Address: 182 Balford Rd
Day Phone: _____ Day Phone: 931-861-3554

ORIGINAL OWNER

Name: _____

3. LOCATION OF LOT OR SITE: a) in a subdivision? _____ b) Name: Moore Hollow Rd Lot # _____
c) Non-Subdivision _____ Give specific directions and address to the lot or site _____
d) Tax Map _____ Parcel _____

4. FOR SSDS PERMIT ONLY: a) Size of lot 300 b) Number of Bedrooms 3
c) How many occupants? _____ d) Excavated Basement? Yes _____ No _____
e) Basement Plumbing Fixtures? Yes _____ No _____
f) Amount of water used monthly (gallons) _____
g) Water Supply: Public _____ Well _____ Spring _____
h) Is the lot staked? _____ If not, date it will be staked: _____
Is the house staked? yes If not, date it will be staked: Home Built
i) Installer, If known: _____

5. FOR INSPECTION LETTER ONLY: Will pick up _____ Please mail _____
a) Age of house _____ b) Is house vacant? _____ How long? _____
c) Original sewage system inspected _____
d) Date of previous repairs _____ Inspected _____
e) Is wastewater "backing up" into plumbing fixtures? _____ Surfacing on the ground? _____
f) All wastewater including washing machines routed into septic tank _____

6. FOR WATER SAMPLE ONLY: a) Source of Supply: Spring _____ Well _____
b) Is there an outside faucet? _____ c) Is the source chlorinated? _____
d) For Wells: Is the casing 6" above the ground? _____ Is a sanitary seal on the casing? _____

7. MAKE A ROUGH SKETCH ON BACK OF THIS WHITE PAGE SHOWING DIRECTIONS TO PROPERTY, PROPERTY LINES, HOUSE SITE, WELL LOCATION, SPRING LOCATION, PLANNED DRIVEWAY AND UTILITIES.

8. ALL FEES DUE IN ADVANCE AND ARE NON-REFUNDABLE (except upon appeal). See Fee Schedule on reverse.
Make check payable to: **TREASURER, STATE OF TENNESSE.**

9. I certify that the above information is true and correct to the best of my knowledge; I have been authorized by the above named landowner to submit this application for Environmental Services to the Division of Water Resources.

DATE: 2-28-19 SIGNATURE: [Signature] AMOUNT PAID: \$ 500.00 RECEIPT NUMBER: 603-3000

Amidul

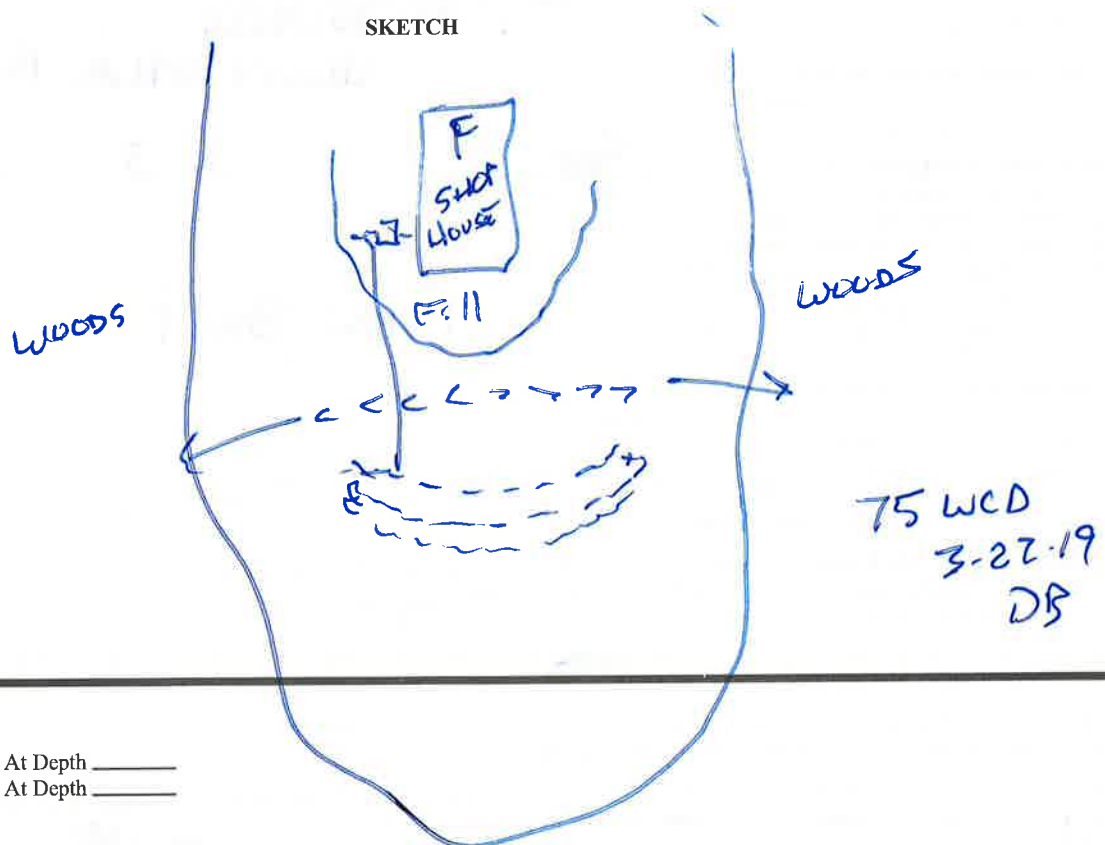
Sherry Taylor 2010@hotmail.com

FEE SCHEDULE

PTBMIS
SUPP/CODE

Evaluation for Conventional, LDGP or Chamber Septic System Permit	\$400.00 up to 1000 gpd	
	\$100.00 for each additional 1000 gpd or portion thereof	78066
Conventional Construction Inspection	\$100.00	
Repair	\$None	
Inspection Letter	\$200.00	78030
Subdivision Evaluation	\$150.00 per lot, 2 lots or less	78084A
	\$100.00 per lot, 3 to 10 lots	78084B
	\$1,000.00 for 1 st 10 lots,	
	\$65.00 for each additional lot, 11 lots or more	78084C
Water Samples		
Total Coliform	\$115.00	78036P
Fecal Coliform	\$215.00	78036P
Alternative System Application processing	\$500.00 up to 1000 gpd	78071
	\$150.00 for each additional 100 gpm or portion thereof	78070
Alternative or Large Construction Inspection	\$200.00	
Large Conventional or Large Alternative Plan Review	\$750.00 per proposed system	
Experimental System Application Processing	\$500.00	
Pumper Permit	\$200.00	
Installer Permit	\$200.00 for conventional, LDGP and chamber	
	\$100.00 for each alternative system	78080
Domestic Septage Disposal Site Permit	\$400.00	78031
Certificate of Verification	\$100.00	78032

SKETCH



Official Use

File Search

Absorption Rate _____ At Depth _____

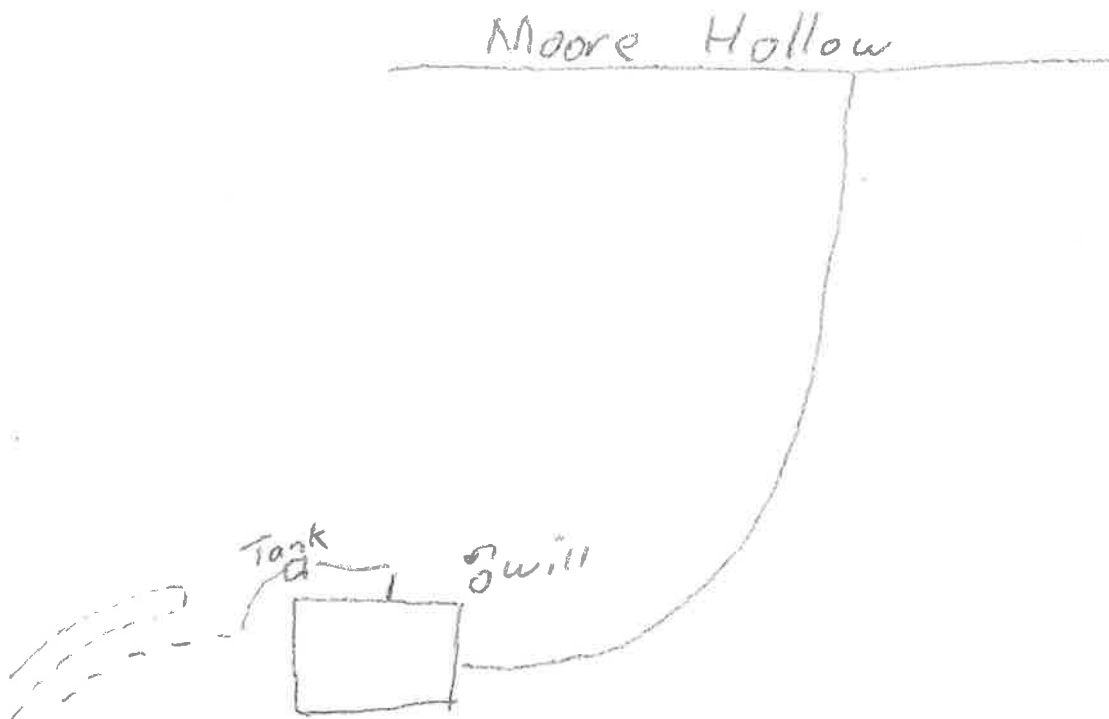
Percolation Rage _____ At Depth _____

Other Requirements

Jason Needham

907 Moore Hollow Rd Indian
Mound TN 37079

3 Bedroom - it a pole Bran
with apartment in side it



A-T-Construction