



**TENNESSEE DEPARTMENT OF ENVIRONMENT AND CONSERVATION  
DIVISION OF WATER RESOURCES  
PERMIT FOR CONSTRUCTION OF SUBSURFACE SEWAGE DISPOSAL SYSTEM**

|   |  |   |
|---|--|---|
| <b>Issued to: Soits Donnie</b><br><br>Owner, Developer, Contractor, Installer, Etc.<br><br><b>Location:</b><br>6135 Mill Creek Rd<br>Monterey, TN 38574-<br>County: Putnam<br>Map/Group: 099- Parcel: 5<br>Subdivision:<br>Lot:   | <b>Evaluation Based Upon:</b><br><input type="checkbox"/> 1. Soil Typing by Soil Scientist<br><input type="checkbox"/> a. General<br><input type="checkbox"/> b. High Intensity<br><input type="checkbox"/> c. Extra High Intensity<br><input type="checkbox"/> 2. Soil Percolation Test<br><input checked="" type="checkbox"/> 3. Environmental Specialist<br>Estimated Absorption Rate: <u>60</u> MPI  | <b>Type of System:</b><br><input checked="" type="checkbox"/> 1. Conventional<br><input type="checkbox"/> 2. Modified Conventional<br><input checked="" type="checkbox"/> 3. Conventional System Substitute<br><input checked="" type="checkbox"/> Chamber<br><input checked="" type="checkbox"/> Expanded Polystyrene<br><input checked="" type="checkbox"/> Large Diameter Gravelless Pipe<br>Gravel backfill in a 24" wide trench <u>no</u> required?<br><input type="checkbox"/> 4. Low Pressure Pipe<br><input type="checkbox"/> 5. Mound<br><input type="checkbox"/> 6. Lagoon<br><input type="checkbox"/> 7. Subsurface Drip System<br><input type="checkbox"/> 8. Other |
| <b>Installation:</b><br><input checked="" type="checkbox"/> 1. New Installation<br><input type="checkbox"/> 2. Repair to Existing System<br><input type="checkbox"/> 3. System Modification<br><br><b>Establishment:</b><br><input checked="" type="checkbox"/> 1. Residential: # Bedrooms <u>3</u><br><input type="checkbox"/> 2. Other: _____<br><br>Gal/Day <u>0</u> | <b>Approval Based Upon: State No. T.C.A. 68-221-403</b><br><input type="checkbox"/> (c) Percolation Test<br><input type="checkbox"/> (d) Grandfather clause - Current standards except those specified<br><input type="checkbox"/> (f) 12" (karst) and 6" (non-karst) buffer required<br><input type="checkbox"/> (i) 9" buffer required (24"-36" total soil depth)<br><input type="checkbox"/> (k) Grandfather clause - meets June 30, 1990 standards (repair only)<br><input checked="" type="checkbox"/> Current Standards<br><input type="checkbox"/> Other: _____ |   |

This system shall consist of a two compartment septic tank holding 1000 gallons, with 440 linear feet in 4-6 trenches, 36 inches wide and 24 (min) to 26 (max) inches deep. (Depth of gravel: 12 inches)

**General Comments:**

**Also required:**

- ☐ 1. Soil Improvement Practice (SIP)
  - ☐ Curtain Drain
  - ☐ Drawdown Drain
  - ☐ Interceptor Drain
- ☐ 2. Flow Diversion Valve
- ☐ 3. Sewage Pump
  - ☐ Pump Flow Rate (gpm) \_\_\_\_\_
  - ☐ TDH (ft) \_\_\_\_\_
- ☐ 4. Other: \_\_\_\_\_

All installers of subsurface sewage disposal systems must hold a valid annual license from the Tennessee Department of Environment and Conservation.

Please see attached drawing and supporting documentation.

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 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.**

By Lucas Hix ESII

Date 08/27/2019

(Date of issue)

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

**CN-0762 (Rev 12/93)**

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

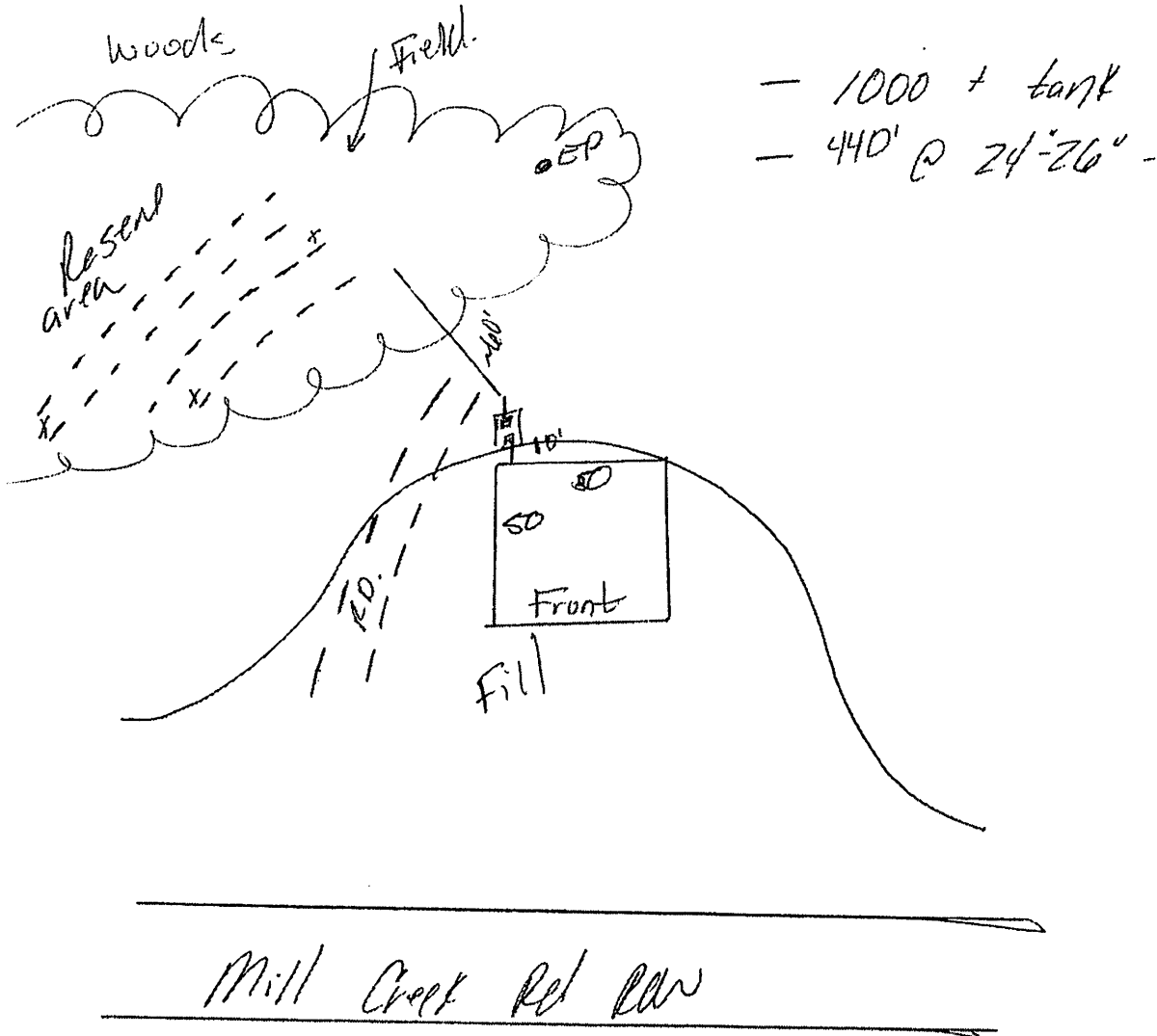
**RDA 2403**



TENNESSEE DEPARTMENT OF ENVIRONMENT AND CONSERVATION  
DIVISION OF WATER RESOURCES  
Land-Based System Unit  
William R. Snodgrass - Tennessee Tower  
312 Rosa L. Parks Ave., 11<sup>th</sup> Floor  
Nashville, TN 37243-1102

PERMIT FOR CONSTRUCTION OF SUBSURFACE SEWAGE DISPOSAL SYSTEM

6135 mill creek rd.





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Putnam

APPLICATION FOR WATER RESOURCES SERVICES

| 1. SERVICE REQUESTED: (check service)   | APPLICANT COMPLETE QUESTIONS: | FEES DUE | PTBMIS CODES V689 Code Supp/Code |
|---|-------------------------------|----------|----------------------------------|
| <input checked="" type="checkbox"/> Septic System Construction Permit         |                               |          |                                  |
| <input checked="" type="checkbox"/> Dwelling.....                             | 2,3,4,7,8,9                   | \$ 400   | 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 checked="" type="checkbox"/> Conventional Construction Inspection..... | 2,3,4,7,8,9                   | \$ 100   | 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:                   | APPLICANT                              | ORIGINAL OWNER |
| Names: <u>Donnie Soits</u> with | Names: <u>Capital Communities, LLC</u> | Name: _____    |
| Address: <u>PO Box 3647</u>     | Address: _____                         |                |
| <u>Cookeville, TN 38502</u>     |  |                |
| Day Phone: <u>770-231-2114</u>  | Day Phone: _____                       |                |

3. LOCATION OF LOT OR SITE: a) in a subdivision? \_\_\_\_\_ b) Name: \_\_\_\_\_ Lot # \_\_\_\_\_  
c) Non-Subdivision ☒ Give specific directions and address to the lot or site: 6135 Mill Creek Rd  
d) Tax Map 099 Parcel 005-00

4. FOR SSDS PERMIT ONLY: a) Size of lot 404.7 acres b) Number of Bedrooms 4  
c) How many occupants? \_\_\_\_\_ d) Excavated Basement? Yes ☒ No \_\_\_\_\_  
e) Basement Plumbing Fixtures? Yes ☒ No \_\_\_\_\_  
f) Amount of water used monthly (gallons) \_\_\_\_\_ Email dfsoits@gmail.com  
g) Water Supply: Public ☒ Well \_\_\_\_\_ Spring \_\_\_\_\_  
h) Is the lot staked? ☒ If not, date it will be staked: \_\_\_\_\_  
Is the house staked? \_\_\_\_\_ If not, date it will be staked: Please call  
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 \_\_\_\_\_  
Please call ahead 770-231-2114  
old house (1940) torn down recently

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 TENNESSEE.**

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: 8-26-19 SIGNATURE: [Signature] AMOUNT PAID: \$ 500 RECEIPT NUMBER: 18414

## General Notes

- The tank setback is 5' from a house unless it is upslope of a basement cut (15') or down-slope of a basement cut (10').
- The field line setback is 10' from a house unless it is near a basement cut (25') (a cut is defined as greater than 1 foot deep).
- The tank and field-lines should be 10' from any property line, utility, and or easements.
- The field-lines should be a minimum of 15' from an interceptor, curtain, or drawdown drain while being within 25' of the drain for maximum efficiency.
- The interceptor drain (if one is required) should be 5' from a property line unless noted otherwise.
- The tank and field-lines should be 50' from any well, 15' from a 1 dot drain, and 25' from a 2 dot drain.
- Water lines should be 1 vertical foot above any tight-line and sleeved for 20 continuous feet (10' both sides).
- PVC should be schedule 40 at minimum.
- PVC should be secured at minimum with duct tape to the field line product.
- PVC pipe should rest on undisturbed earth to ensure each line completely fills prior to going into the next line and prevent damage from back filling (tight-line and crossovers).
- If a tight-line crosses under a driveway or high traffic area it should be sleeved with a minimum of schedule 40 PVC.
- Recirculating distribution systems-the bottom of the outlet of the tank must be at a higher elevation than the top of the field-line media.
- Crossover (Serial) systems-the crossover should be at minimum 4 inches lower than the outlet (bottom and bottom or top and top).
- Adjust contours as necessary to maintain grade.
- If variation of trench depth is noted on the permit use the variation to dig straighter lines resulting in a more compact system and an overall **shallow** system.
- The grade variation is noted as follows the upslope side is the maximum depth and the downslope side is the minimum depth.
- A reserve area of suitable soil and sufficient size shall be reserved for final approval of the SSDS.
- If a conventional substitute is used a grade of level to 2" of fall is required.
- Conventional systems a grade of level to 4" of fall is required.
- The tank has 2" of tolerance.
- Try to maintain a continuous duplicate area (if possible).
- Mark utilities before digging.

• **\*Call for any questions, and final inspection prior to 9 am local time\***

• 931-520-6688

- **\*Failure to follow these guidelines and the regulations set forth in TCA-068-221-401 will result in an inspection failure and a re-inspection fee of \$100.00\***