



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

<b>Issued to:</b> Gary Gross <b>Owner, Developer, Contractor, Installer, Etc.</b>  <b>Location:</b> Pigeon Ridge Road Crossville, TN 38555- County: Cumberland Map/Group: 126- Parcel: 74 Subdivision: Lot:	<b>Evaluation Based Upon:</b> <input type="checkbox"/> 1. Soil Typing by Soil Scientist <input type="checkbox"/> a. General <input type="checkbox"/> b. High Intensity <input type="checkbox"/> c. Extra High Intensity <input type="checkbox"/> 2. Soil Percolation Test <input checked="" type="checkbox"/> 3. Environmental Specialist <b>Estimated Absorption Rate:</b> 45 MPI	<b>Type of System:</b> <input type="checkbox"/> 1. Conventional <input checked="" type="checkbox"/> 2. Modified Conventional <input type="checkbox"/> 3. Conventional System Substitute <input type="checkbox"/> Chamber <input type="checkbox"/> Expanded Polystyrene <input type="checkbox"/> Large Diameter Gravelless Pipe Gravel backfill in a 24" wide trench _____ required? <input type="checkbox"/> 4. Low Pressure Pipe <input type="checkbox"/> 5. Mound <input type="checkbox"/> 6. Lagoon <input type="checkbox"/> 7. Subsurface Drip System <input type="checkbox"/> 8. Other
<b>Installation:</b> <input checked="" type="checkbox"/> 1. New Installation <input type="checkbox"/> 2. Repair to Existing System <input type="checkbox"/> 3. System Modification  <b>Establishment:</b> <input checked="" type="checkbox"/> 1. Residential: # Bedrooms 3 <input type="checkbox"/> 2. Other: _____  Gal/Day 0	<b>Approval Based Upon: State No. T.C.A. 68-221-403</b> <input type="checkbox"/> (c) Percolation Test <input type="checkbox"/> (d) Grandfather clause - Current standards except those specified <input type="checkbox"/> (f) 12" (karst) and 6" (non-karst) buffer required <input checked="" type="checkbox"/> (i) 9" buffer required (24"-36" total soil depth) <input type="checkbox"/> (k) Grandfather clause - meets June 30, 1990 standards (repair only) <input type="checkbox"/> Current Standards <input type="checkbox"/> Other: _____	

**Also required:**

This system shall consist of a two compartment septic tank holding 900 gallons, with 450 linear feet in 4-5 trenches, 36 inches wide and 22 (min) to 22 (max) inches deep. (Depth of gravel: 12 inches)

**General Comments:** See drawing for details

- ☐ 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 Richard Root, ESIII

Date 11/15/2023

(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.

Tennessee Department of Environment and Conservation - Division of Water Resources  
Permit for Construction of a Subsurface Sewage Disposal System



Issued To: Gary Gross

Location: Pigeon Ridge Road

Crossville, TN 38555

Inspector: Richard Root, ESIII

Date: 11/15/2023

General Notes:

- Please refer to the design specifications for the subsurface sewage disposal system on the first page of the construction permit.
- Contact the local Division of Water Resources representative to schedule a final inspection.
- All electric components (e.g., pump, alarm, etc.) for the subsurface sewage disposal system must be inspected and approved by the appropriate electrical inspector prior to requesting a final inspection. Documentation of the electrical inspection must be available during the final inspection.

Install field lines along land contour.  
They may be different than what is  
presented in this sketch.

