



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

Issued to: <u>Timothy Harless</u>  <b>Location:</b> County: <u>Greene</u> Address: <u>TBD Flea Ridge Road</u> City: <u>Mohawk</u> Subdivision: _____ Lot #: _____  Map: <u>092</u> Group: _____ Parcel: <u>057.07</u>	<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 Scientist Estimated Absorption Rate: <u>75</u> MPI	<b>Type of System:</b> <input checked="" type="checkbox"/> 1. Conventional <input type="checkbox"/> 2. Modified Conventional <input checked="" type="checkbox"/> 3. Conventional System Substitute <input checked="" type="checkbox"/> Chamber <input checked="" type="checkbox"/> Expanded Polystyrene <input checked="" type="checkbox"/> Large Diameter Gravelless Pipe Gravel backfill in a 24 in. wide trench required? <u>Yes</u> <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 <input type="checkbox"/> 4. Large System	<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 type="checkbox"/> Soil Map <input 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 checked="" type="checkbox"/> Current Standards <input type="checkbox"/> Other: _____	
Establishment: <input checked="" type="checkbox"/> 1. Residential: # Bedrooms <u>3</u> <input type="checkbox"/> 2. Other: _____ Gal/Day: _____	<b>Also Required:</b> <input type="checkbox"/> 1. Soil Improvement Practice (SIP) <input type="checkbox"/> Curtain Drain <input type="checkbox"/> Drawdown Drain <input type="checkbox"/> Interceptor Drain <input type="checkbox"/> 2. Flow Diversion Valve <input type="checkbox"/> 3. Sewage Pump Pump Flow Rate (gpm): _____ TDH (ft): _____ <input type="checkbox"/> 4. Single Compartment Pump Tank, Volume (gal): _____ <input type="checkbox"/> 5. Other: _____	
The system shall consist of a two-compartment septic tank holding <u>900</u> (min) gallons, with <u>370</u> linear feet in <u>3+</u> trenches, <u>36</u> inches wide and <u>24</u> (min) to <u>30</u> (max) inches in depth. (Depth of gravel: <u>12</u> inches)  SIP Depth (in): _____ SIP Length (ft): _____ SIP Comments: General Comments:		

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: \_\_\_\_\_ Hunter Wyatt  
(DWR Staff)

Date: 10/08/2024  
(Date of Issue)

**This permit is valid for 3 years from 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: Timothy Harless

Location: TBD Flea Ridge Rd

Mohawk, TN

M:092 P:057.07

57.07 Acres

Inspector: Hunter Wyatt ES3 423-300-7750

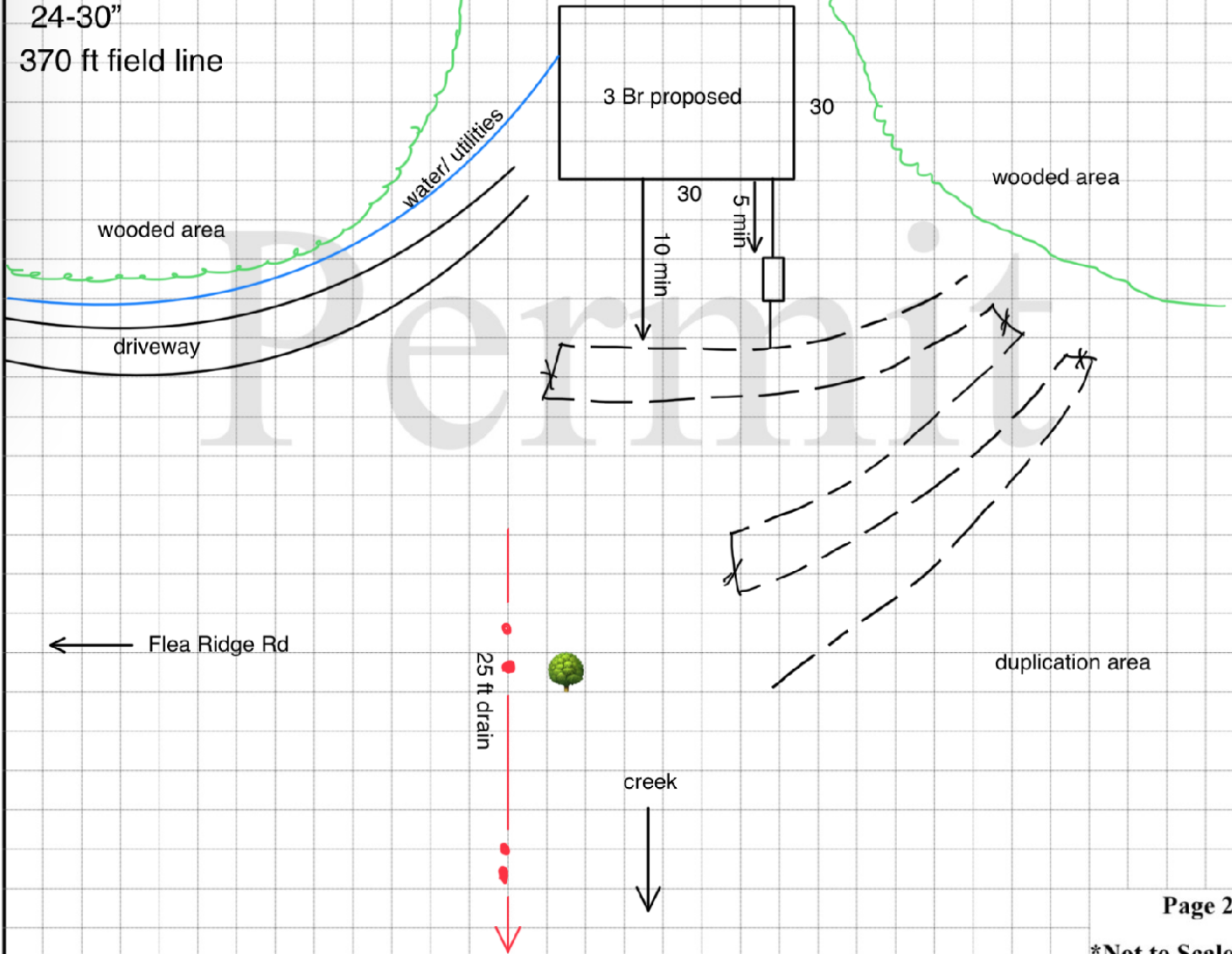
Date: 10/08/24

**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.

3 Br  
 900 Gal St  
 75 MPI  
 24-30"  
 370 ft field line

When system is COMPLETED call between 8AM-9AM for inspection. For pump systems electrical inspection must be completed before calling for final inspection.  
 Stay 10 ft min away from any water lines, property lines, underground utilities.  
 Install on contour with 6 ft of undisturbed soil between trenches





TENNESSEE DEPARTMENT OF ENVIRONMENT AND CONSERVATION
DIVISION OF WATER RESOURCES
Land-Based Systems Unit

William R. Snodgrass - Tennessee Tower
312 Rosa L. Parks Ave., 11th Floor
Nashville, TN 37243-110

APPLICATION FOR WATER RESOURCES SERVICES
APPLICANT
COMPLETE QUESTIONS

1. Service Requested (Check Service)

Fees Due

X Septic System Construction Permit

X Dwelling

\$ 400.00 PAID

Commercial: gdp

\$

System Modification

\$

Repair

\$

X Conventional Construction Inspection

\$ 100.00 PAID

Inspection Letter

\$

Certificate of Verification

\$

Water Sample

Total Coliform

\$

Fecal Coliform

\$

Alternative System Permit

\$

Alternative Construction Inspection

\$

Large Conventional System Plan Review

\$

Large Alternative System Plan Review

\$

Experimental System Plan Review

\$

Subdivision Evaluation: Lots:

\$

Pumping Contractor - Septage Application

\$

2. LANDOWNER:

APPLICANT:

Site Address:

Names: Timothy Harless

Names: Timothy Harless

Address: Flea Ridge Road

Address: 1130 Payne Dr

Address: 1130 Payne Dr

Mohawk, Tennessee 37810

Moneta, Virginia 24121

Moneta, Virginia 24121

Day Phone: 8653221474

Day Phone: 8653221474

Original Owner: Ronald & Danny Brown

Email: david.popiel@yahoo.com

3. LOCATION OF LOT OR SITE:

a) Subdivision Name: Lot #

From I-81 in Greene County take Fish Hatchery Rd interchange south to Flea Ridge Rd on the left. Follow Flea Ridge Rd to 2145, adjacent property owned by Michael Brown. There is a gravel driveway onto the land owned by Roger and Danny Brown.

b) In a subdivision? No

Give specific directions and address to the lot or site

c) Tax Map 092

Parcel 057.07

FOR SSDS PERMIT

4. ONLY:

a) Size of lot 59.00 b) Number of Bedrooms 3 Bedrooms Added

c) How many occupants? 3 d) Excavated Basement? Yes No X

e) Basement Plumbing Fixtures? Yes No X

f) Amount of water used monthly (gallons)

g) Water Supply: Public Well X Spring

h) Is the lot staked? Yes If not, date it will be staked:

Is the house staked? yes If not, date it will be staked:

i) Installer, if known:

5. FOR INSPECTION LETTER ONLY AND CERTIFICATE OF VERIFICATION ONLY:

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 Other

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

DATE: Oct 01, 2024

SIGNATURE: David Popiel

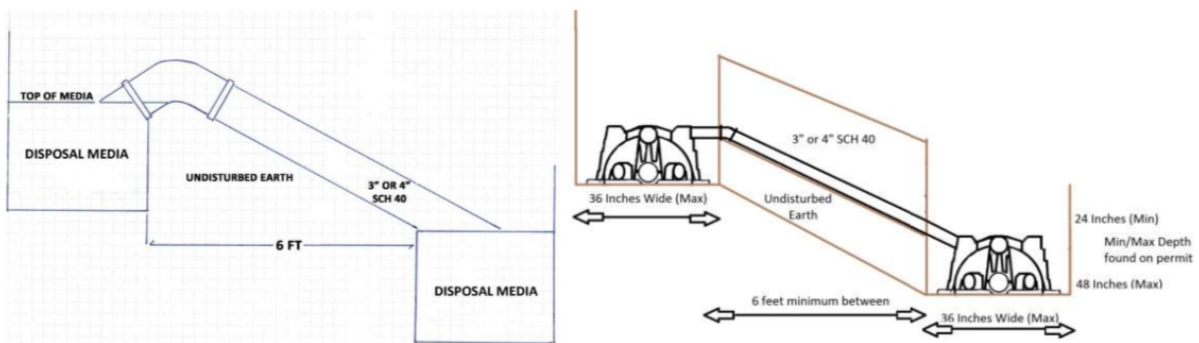
AMOUNT PAID: 500.00

RECEIPT NUMBER: 3882741714



**INSTALLATION NOTES:**

- **Call (423)854-5400 or the number on the permit between 8:00-9:00 a.m. M-F to schedule a final inspection when completed.**
- **All repair permits require a \$100 inspection fee paid prior to the final inspection.**
- **Inspection requests for repairs must be applied for online at: <https://tdec.tn.gov/septic>**
- **No system shall be covered without the inspection and authorization of the Commissioner. Rule 0400-48-01-.07 (5)**
- **Homeowners wishing to install their own system must contact Environmental Scientist prior to beginning construction. Testing may be required.**
- The excavation of a basement may void this permit if not indicated on the application or may reduce the number of bedrooms for which a permit may be issued.
- Any change in the dwelling location subsequent to the date of permit issuance may void the permit or possibly reduce the number of bedrooms approved or render the lot unusable. **Contact this office before altering dwelling location.**
- The septic tank size and manufacturer must be visible when the final inspection is made.
- **Install the septic tank:**
  - 10ft from water line and other utilities.
  - 5ft from the foundation unless there is a basement.
  - 15ft from cut banks (greater than 18inches high) (basement), natural drains and man-made drains.
  - 50ft from any well.
- Any unauthorized cutting/filling of the area where the field lines will be installed may void this permit or may reduce the number of bedrooms approved on the permit.
- Stay between the **Minimum and Maximum trench depth** as noted on the permit. Measure the trench depth on the down slope side of the trench.
- **Install the field lines:**
  - 10ft from water line, structure and other utilities.
  - 25ft from cut banks (greater than 18inches high) (basement), natural drains and man-made drains.
  - 50ft from any well.



- Use the diagram shown above as a guide to construct the crossovers.
- The size of a chamber system shall be equivalent to the total linear footage required for a three (3) feet wide conventional subsurface sewage disposal system. However, where the soil absorption rate is from **ten (10) to sixty (60) minutes per inch, the total linear footage may be reduced by thirty (30) percent.** If a portion of a unit is left over after determining the total linear footage required, round up to the nearest whole unit.
- **If questions arise, please contact the Environmental Scientist at (423)854-5400.**