



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

Issued to: <u>Yeager Amanda</u> Owner, Developer, Contractor, Installer, Etc.  Location: <u>157 Dusty Lane</u> <u>Powell, TN 37849-</u> County: <u>Anderson</u> Map/Group: - Parcel: <u>0</u> Subdivision: Lot: <u>2R2</u>	Evaluation Based Upon: <input checked="" type="checkbox"/> 1. Soil Typing by Soil Scientist <input type="checkbox"/> a. General <input checked="" type="checkbox"/> b. High Intensity <input type="checkbox"/> c. Extra High Intensity <input type="checkbox"/> 2. Soil Percolation Test <input type="checkbox"/> 3. Environmental Specialist Estimated Absorption Rate: <u>60</u> MPI	Type of System: <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 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
Installation: <input checked="" type="checkbox"/> 1. New Installation <input type="checkbox"/> 2. Repair to Existing System <input type="checkbox"/> 3. System Modification  Establishment: <input checked="" type="checkbox"/> 1. Residential: # Bedrooms <u>3</u> <input type="checkbox"/> 2. Other: _____ Gal/Day <u>0</u>	Approval Based Upon: State No. <u>T.C.A. 68-221-403</u> <input type="checkbox"/> (c) Percolation Test <input type="checkbox"/> (i) 9" buffer required (24"-36" total soil depth) <input type="checkbox"/> (d) Grandfather clause - Current <input type="checkbox"/> (k) Grandfather clause - meets June 30, 1990 standards except those                      standards (repair only) specified <input type="checkbox"/> (f) 12" (karst) and 6" (non-karst) <input type="checkbox"/> Current Standards buffer required <input type="checkbox"/> Other: _____	

Also required:

This system shall consist of a two compartment septic tank holding 900 gallons, with 330 linear feet in 3-4 trenches, 36 inches wide and 24 (min) to 30 (max) inches deep. (Depth of gravel: 12 inches)

**General Comments:** Install on contour to rear of lot  
 10' from water and property lines  
 50' from any well  
 Electrical system for pump approved prior to calling for system inspection  
 Call MWF for final inspection  
 865.238.9283

- ☐ 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 Mark Penland ESII Date 04/03/2023  
 (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: YEAGER, AMANDA

Location: 157 DUSTY LANE - LOT 2A2

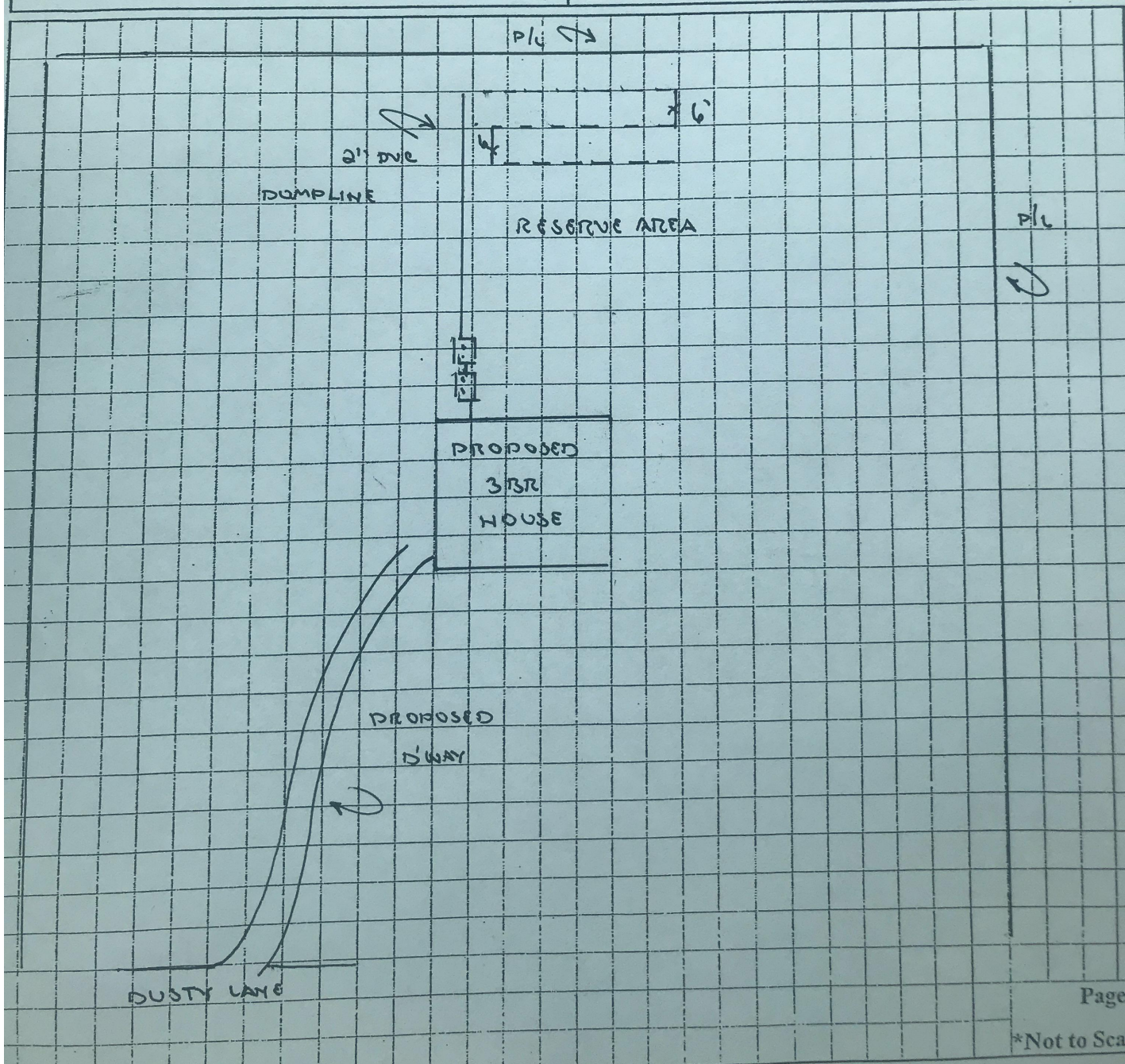
POWELL 37849

Inspector: Mark [Signature]

Date: 4-3-23

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.





**High Intensity Soil Map for Subsurface Drain Field System**

Any Cutting, Filling or Compaction will void this soil map.  
This soil map is to evaluate the site for a subsurface sewage disposal system only.

For: Amanda Yeager  
County: Knox

Soil name and slope	Estimated infiltration rate (in/hr)	Depth 40 ft	Soil improvement practices/ Soil notes	Per- colator status	Color code
De1 Dewey 15-50% slopes	60 mps, 1-40"	40 ft	NA	NA	RED/ GREEN
Co1 Colapodale 20-50% slopes	> 75 mps	NA	Steep land if one wants to convert this soil map unit, it would need to be a drip irrigation System	NA	RED

**LEGEND**

Control Map  
Dry-gate road  
County road  
Township road  
Ditch  
50 foot setback  
City limits  
State line  
Fence  
Well  
Rock outcrop  
Recent Pavement  
Recent Non-  
Recent  
Non-Recent  
Non-Recent  
Non-Recent



I affirm that this soil map meets the standards established in the Regulations to Govern  
Soil Maps as set forth in the Soil Handbook, and the Soil Taxonomy. No other warranties  
are made or implied. Signature of Soil Consultant does not constitute approval of this map by  
the Division of Water Resources. (High Intensity) Soil Map Compiled by Mark Dew, Soil Scientist



0 100 200 300  
SCALE: 1 INCH = 100 FEET

