



**PERMIT TO CONSTRUCT**  
Onsite Wastewater System

Permit ID: OSWW005598 v1.0  
County: Dorchester

Name: Matthew Rhodes  
Type Facility: Residential  
Subdivision:  
Block: Lot: Tract 1

Site: Salem Rd.  
Dorchester, SC 29437

Program Code: ALTERNATIVE  
System Code: 290 Wide Trench-Fill Cap  
TM #: 084-00-00-113  
Water Supply: Private Well

**PERMIT TO CONSTRUCT SYSTEM SPECIFICATIONS**

Daily Flow (gpd): 480      **Tank Sizes (gal):** Septic Tank: 1000      Pump Chamber:      Grease Trap:  
LTAR (g/d/ft<sup>2</sup>): 0.6      **Trenches:** Length (ft): 144      Width (in): 120      Max. Depth (in): 17      Agg. Depth (in): 6  
Min Pump Capacity: GPM at ft. of Head

**SPECIAL INSTRUCTIONS/CONDITIONS**

THIS PERMIT IS SITE SPECIFIC. ANY CHANGES TO THE SYSTEM MUST BE APPROVED BY DHEC.  
ALTERNATIVE TRENCH PRODUCTS APPROVED UNDER STATE RULES AND REGULATIONS MAY BE SUBSTITUTED.  
ANY UNAPPROVED CHANGES WILL VOID THIS PERMIT.

Installers must contact the local Environmental Affairs office by 10:00 AM the day prior to installation in order to schedule a time for the final inspection. If a Department representative does not arrive within 30 minutes of the scheduled time, the installer may conduct the final inspection. When a contractor self-inspection occurs, the installer must complete DHEC form 3978, Approval to Operate Contractor Self-Inspection. The installer must submit the DHEC form 3978 within 2 business days of the completion of installation.

- Self-installations require a pre-construction conference with a Department representative.
- All applicable setbacks in Regulation 61-56 apply.
- This system is specifically designed for a 4-Bedroom Residence. Do not exceed the Maximum Daily Flow.
- Private Wells must be greater than 75 feet to any part of the septic system.
- Maximum, bottom of Trench Depth at the highest point in the drainfield area is 17 inches. There is 5 inches of grade differential in the drainfield area. The trench depth on the low side will only be 12 inches.
- All trenches are on the same grade and level. Do not use serial distribution. Fill is required.
- There are 3 distribution pipes in each trench, and the distribution pipes are at least 18 inches from the trench edge and on 3-foot-centers.
- Do not cut, bulldoze, scrape, or lower the grade of the natural soil in the septic system area.
- Do not install under wet soil conditions and do not smear trenches.
- Where trench is < 15" deep use 12" cover, with 5' buffers from trench edge, and taper has 10% max slope.
- No parking, driving, building, or paving over the initial septic system or repair area before or after installation.
- Make sure the builder, plumber, installer, etc. are aware of this permit before any work begins.
- Permit is for a proposed lot. Notify DHEC if the proposed plat is recorded and the lot receives a new TMS#

**PERMIT TO CONSTRUCT SYSTEM DIAGRAM**

*See System Diagram on page 2 of this document.*

Issued/Revised By:

Date: July 12, 2023



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PERMIT TO CONSTRUCT SYSTEM DIAGRAM

± 1.1 ACRES

