



Essex County Health Department
P.O. Box 206
Tappahannock, Virginia 22560
(804) 443-4076 Voice
(804) 443-2377 Fax

Sewage Disposal System Construction Permit

Health Department ID Number: **128.14.0002**

Owner Information	
Richard Thompson 2806 Brooke Rd. Stafford, Virginia 22554	Phone: (540) 720-3936
Owner /Agent Information	
Property Address: Meadow Lane Locality: Essex County Subdivision: Mt. Landing Meadows Section: Block: Lot: 2 Directions: 17 N., lft. on Essex Church Rd., lft. on Belmont Rd. to Meadow Lane, on lft.	Tax Map Number: 24-21-2
General Information	
Approval Type: Sewage Construction Permit Type of Property: Residential	Daily Flow: 600 gallons Number of Bedrooms: 4
Sewer Line	Distribution Box
Material: 3" or 4" SCH 40 PVC or equivalent (cleanouts required at 50' to 60' intervals)	No. of Boxes: 1 No. of Outlets: 10
Conveyance Line / Force Main	Header Lines
Method: Gravity Material: Minimum crush strength 1500# Pipe Diameter: 4" Minimum Slope: 6" per 100' for non-pump	Material: ASTM F405 pipe or better (1500 # crush or equivalent) Minimum Slope: 2" per 100'
Septic Tank - Inlet Outlet Structure	Percolation Lines and Absorption Area
Capacity: 1200 gal The inlet structure shall be 1-2 inches higher than the outlet structure and shall extend 6-8 inches below and 8-10 inches above the normal liquid level. The outlet structure shall extend 35-40% below the normal liquid level and 8-10 inches above the normal liquid level. To comply with the maintenance requirements of 12 VAC 5-610-817 the septic tank must be provided with one of the following three options: 1) Inspection port, 2) Effluent filter, 3) Reduced maintenance tank	Slope: 2-4" per 100' Percolation Lines: 4" diameter Center to Center Spacing: 9' Installation Depth: 24-30 " Depth of Aggregate: 13" Size of Aggregate: 0.5-1.5" Total Number of Laterals: 7 Laterals to be 65' long, 3' wide Install 1365 sq feet square feet total 100% Reserve area provided for future repair
Please Note: CHOOSE BETWEEN THE FOLLOWING CHOICES AS APPROPRIATE: >>Gravelless material may be used, in lieu of gravel and pipe, within the approved absorption area in accordance with Table 5.4 of 12VAC5-610. If gravelless material is used, the distribution box location remains the same. Install the amount shown above OR 5 trenches 70 feet long, 24-30" depth, 9 foot center-to-center spacing. Contact Essex County Health Department at (804) 443-4076 to address installation questions.	

HDID #: 128.14.0002

Construction Drawing

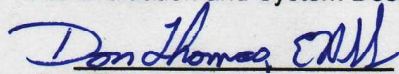
Owner Information	
THOMPSON, RICHARD 2806 Brooke Rd. Stafford, Virginia 22554	Phone: (540) 720-3936
Construction Drawing	
SEE PAGE 3 OF 3	

This sewage disposal system construction permit is null & void if conditions are changed from those shown on the application or construction permit. No part of any installation may be covered or used until inspected, corrections made if necessary & the system is approved. The inspection will normally be made by the system designer, who may be an AOSE, PE, or EHS. Any part of any installation which has been covered prior to approval shall be uncovered, if necessary, upon direction of the Dept or the system designer.

This permit approval has been issued in accordance with applicable regulations based on the information and materials provided at the time of application. There may be other local, state, or federal laws or regulations that apply to the proposed construction of this onsite sewage system. The owner is responsible at all times for complying with all applicable local, state, and federal laws and regulations.

Please contact the Essex County Health Department at (804) 443-4076 for system inspection.

Site Evaluation and System Design By: Don Thomas, Environmental Health Specialist, Sr.


Don Thomas, Environmental Health
Specialist, Sr.

January 14, 2014
Issue Date

July 16, 2015
Expiration Date

Construction Drawing

HDID 128.14.0002

Well Setbacks:

- 50' from chemically soil poisoned foundations
 - 50' for IIIA/B, 100' for IIIC from wastewater disposal system
 - 50' from UG fuel storage tanks
 - 10' from buildings with other termite treatment (VDH approved)
- The Homeowner/welldriller is to contact the health department with the expected well construction date (804-443-4076).

The Homeowner must provide the following to the health department for issuance of a Record of Inspection:

1. Proper Well construction documentation; and
2. Water sample negative for the coliform bacteria.

Note that the well driller will not perform the water sample unless specifically contracted to do so.

- Do NOT plant hydrophilic trees within 20' of drainfield.
- Do NOT drive over drainfield before, during or after installation.
- Do NOT drive over reserve drainfield area.
- Do NOT drive over or within 10' of the tank components.
- Do NOT drive within 10' of the drainlines.
- Install in dry soil conditions.

Septic System Setback:

- 50' min. from deep well
- 5' min. off all property lines
- 10' min. off all foundations and underground utilities
- 10' off usually dry ditches
- 15' min. off overhead utility lines

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Site Evaluation Conducted by: Don Thomas, EHSS
System Design by: Don Thomas, EHSS

Don Thomas, EHSS
Don Thomas, EHSS

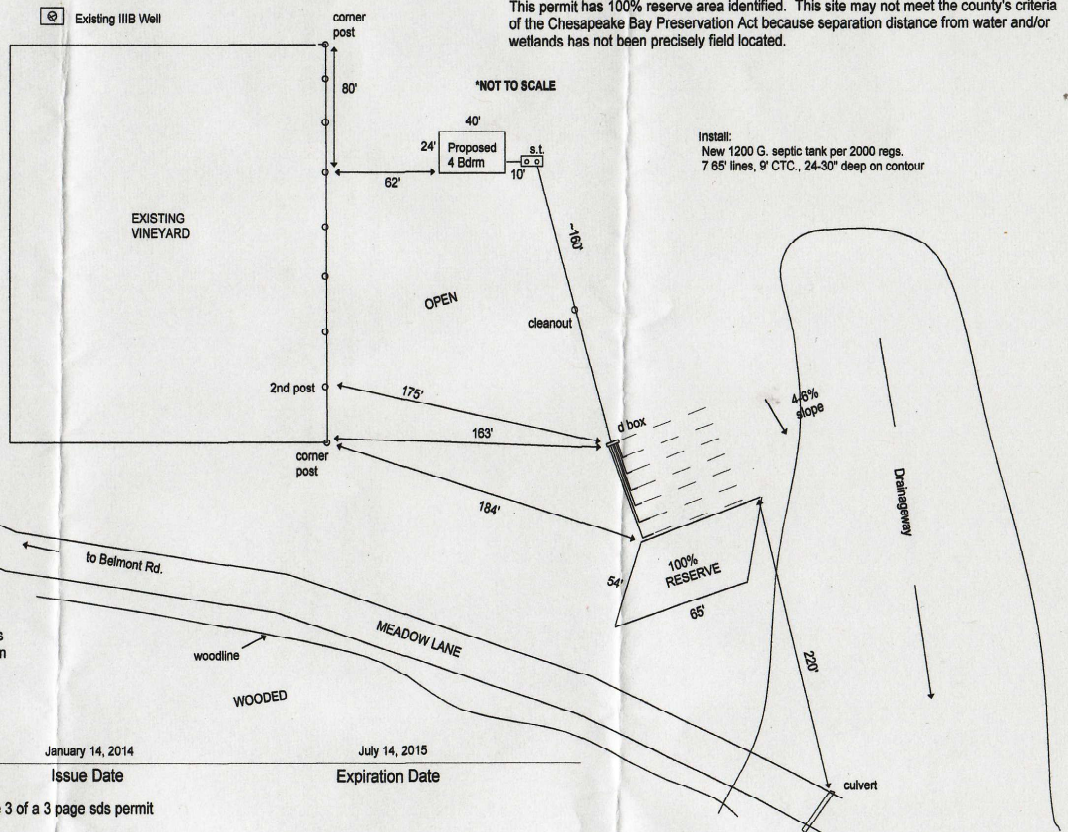
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**WHAT YOU WILL NEED TO GET YOUR
SEPTIC SYSTEM OPERATION PERMIT**

- Your system must have a **satisfactory inspection** at the time of installation. This will be done by either a representative of the local Health Department, a private OSE, or a PE, depending on the designer of your permitted system. If your system is designed/inspected by an OSE or PE, they must submit a copy of the inspection results, complete with an as-built diagram, to the Health Department.
- Please ensure that your contractor turns in a **Completion Statement** to the local Health Department after installation.
- Should you choose to reduce the size of your installed system using an approved substituted system product, a signed **Notice of Substitution** must be received by the local Health Department.

**IF YOUR PERMIT IS FOR BOTH A SEPTIC SYSTEM
AND WELL YOU WILL ALSO NEED**

- Your well must have **satisfactory inspection** results after installation. Please give the Health Department several days notice to schedule this inspection before your Operation Permit will be requested.
- The Health Department must receive a copy of your **water sample test result** being negative/satisfactory for coliform bacteria. You are responsible for performing this test and ensuring the results are received at the Health Department
- Please ensure that your Well Driller submits a Uniform **Water Well Completion Statement or GW-2** to the Health Department, including documentation of a proper well abandonment if required by permit

Allow 5 business days after the last piece of documentation is received for the Operation Permit to be issued. To avoid delays, clearly label each piece of documentation with the property Tax Map number and HDID number shown above and on your construction permit. *Please note that due to the individual circumstances of your permit there may be additional required items not covered by this checklist.*

If you have any questions about any of the items on this list, please do not hesitate to contact the Essex County Health Department at (804) 443-4076.