



## WASTEWATER SYSTEM AND POTABLE WATER SUPPLY PERMIT

### LAWS/REGULATIONS INVOLVED

10 V.S.A. Chapter 64, Potable Water Supply and Wastewater System Permit  
Wastewater System and Potable Water Supply Rules, Effective April 12, 2019

**Permittee(s): Phil Lanza**

**Permit Number: WW-2-7432**

**8309 Seven Mile Drive  
Ponte Verda Beach, FL 32082**

This permit affects the following property/properties in Chester, Vermont:

Lot	Parcel	SPAN	Acres	Book(s)/Page(s)#
17.2	432017.200	144-045-11955	27.80	Book:2011 Page(s):2704

This application consisting of the construction of a 4-bedroom home, located on Quarry Road in Chester, Vermont, is hereby approved under the requirements of the regulations named above subject to the following conditions. Any person aggrieved by this permit may appeal to the Environmental Court within 30 days of the date of issuance of this permit in accordance with 10 V.S.A. Chapter 220 and the Vermont Rules of Environmental Court Proceedings.

### 1. GENERAL

- 1.1. The permittee is responsible for recording this permit in the Chester Land Records within 30 days of issuance of this permit and prior to the conveyance of any lot subject to the jurisdiction of this permit.
- 1.2. The permittee is responsible for recording the design and installation certifications and other documents that are required to be filed under these Rules or under a permit condition in the Chester Land Records.
- 1.3. Each assign or successor in interest shall be shown a copy of the Wastewater System and Potable Water Supply Permit and the stamped plan(s) prior to the conveyance of a lot.
- 1.4. The wastewater system includes the use of an Innovative/Alternative component. Each prospective owner of a lot that utilizes an Innovative/Alternative component shall be shown a copy of **Innovative/Alternative System Approval # 2006-04-R7 for General Use of Infiltrator® Quick4 Chambers** prior to conveyance of the lot.
- 1.5. By acceptance of this permit, the permittee agrees to allow representatives of the State of Vermont access to the property covered by the permit, at reasonable times, for the purpose of ascertaining compliance with the Vermont environmental and health statutes and regulations, and permit conditions.
- 1.6. This permit does not relieve the landowner from obtaining all other approvals and permits from other State Agencies or Departments, or local officials prior to construction.
- 1.7. The Drinking Water and Groundwater Protection Division relied upon the Vermont Licensed Designer's certification that the design-related information submitted is true and correct and complies with the Wastewater System and Potable Water Supply Rules. This permit may be revoked if it is determined the design of the wastewater system or potable water supply does not comply with these rules.

### 2. CONSTRUCTION

- 2.1. Construction shall be completed as shown on the plans and/or documents prepared by Philip Savoy, with the stamped plans listed as follows:



Title	Sheet #	Plan Date	Revision
Quarry Road	1	09/26/2023	
Quarry Road	2	09/26/2023	
Quarry Road	3	09/26/2023	
Quarry Road	4	09/26/2023	
Quarry Road	Lot Layout	09/26/2023	

- 2.2. Construction of wastewater systems or potable water supplies, or buildings or structures (as defined by the Wastewater System and Potable Water Supply Rules), or campgrounds, not depicted on the stamped plans, or identified in this permit, is not allowed without prior approval by the Drinking Water and Groundwater Protection Division.
- 2.3. No buildings, roads, earthwork, re-grading, excavation, or other construction that might interfere with the operation of the wastewater system or potable water supply are allowed on or near the site-specific wastewater system, wastewater replacement area, or potable water supply depicted on the stamped plans. Adherence to all isolation distances that are set forth in the Wastewater System and Potable Water Supply Rules is required.

### 3. INSPECTIONS

- 3.1. No permit issued by the Secretary shall be valid for a substantially completed residence, potable water supply and wastewater system until the Secretary receives a signed and dated certification from a qualified Vermont Licensed Designer (or where allowed, the installer) on a Secretary-approved form that states:

*"I hereby certify that, in the exercise of my reasonable professional judgment, the installation-related information submitted is true and correct and the potable water supply and wastewater system were installed in accordance with the permitted design and all permit conditions, were inspected, were properly tested, and have successfully met those performance tests."*

or which satisfies the requirements of §1-311 of the referenced rules.

- 3.2. Prior to the use of the potable water supply, the permittee shall test the water for Arsenic, Escherichia coli (E. coli), Fluoride, Lead, Manganese, Nitrate as N, Nitrite as N, Total Coliform Bacteria, Uranium, Adjusted Gross Alpha Particle Activity, Chloride, Sodium, Iron, Odor and pH. The Lead sample shall be a first-draw. All water quality tests shall be conducted at a laboratory certified by the Vermont Department of Health (a list of which can be found on the VDH website). Results of the water tests shall be submitted to the Vermont Department of Health prior to use or within 60 days of the submission of the Installation Certification required in Condition 3.1, whichever comes first.

### 4. DESIGN FLOW

- 4.1. Lot use and design flows (gpd) shall correspond to the following:

Lot	Building	Building Use / Design Flow Basis	Wastewater	Water
17.2	Residence	4-bedroom single family residence/7-person maximum occupancy	490	490

### 5. WASTEWATER SYSTEM

- 5.1. Prior to the construction or site work, a designer shall flag the proposed leachfield, and the owner shall maintain the flags until commencement of construction of the system.
- 5.2. Should a wastewater system fail and not qualify as a minor repair or for an exemption, the landowner shall engage a qualified Licensed Designer to evaluate the cause of the failure and submit an application to the Drinking Water and Groundwater Protection Division, and obtain approval thereof, prior to correcting the failure.
- 5.3. Should the wastewater system experience future performance issues, including but not limited to failure, the landowner shall engage a qualified Licensed Designer who will contact one the technology's listed Service Providers regarding the performance issue and permit the Service Provider

to inspect the site to ensure reporting requirements of the Innovative/Alternative Approval may be met.

- 5.4. This permit does not relieve the permittee of the obligations of Title 10, Chapter 48, Subchapter 4, for the protection of groundwater.

## 6. POTABLE WATER SUPPLY

- 6.1. Prior to construction or site work on the lot, a designer shall flag the center of the proposed potable water source and the owner shall maintain the flag until commencement of construction of the source.
- 6.2. Should a potable water supply fail and not qualify as a minor repair or for an exemption, the landowner shall engage a qualified licensed Designer to evaluate the cause of the failure and submit an application to the Drinking Water and Groundwater Protection Division, and obtain approval thereof, prior to correcting the failure.

Julia S. Moore, Secretary  
Agency of Natural Resources

By 

Dated October 23, 2023

Terry Shearer, Environmental Analyst VII  
Springfield Regional Office  
Drinking Water and Groundwater Protection Division

Enclosure: I/A Approval Letter

cc: Philip Savoy