

**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): Cheryl L. Dowd**  
**2713 Hinesburg Road**  
**Richmond, VT 05477****Permit Number: WW-4-5571****Brian B. Dowd**  
**2713 Hinesburg Road**  
**Richmond, VT 05477**

This permit affects the following properties in the Town of Richmond, Vermont:

<b>Lot</b>	<b>Parcel</b>	<b>SPAN</b>	<b>Acres</b>	<b>Book(s)/Page(s)#</b>
<b>None</b>	HI2713a	519-163-10450	207.00	Book:209 Page(s):542-544

This application, consisting of a two lot residential subdivision; Lot 1 (205.90 acres) with an existing two (2) bedroom single family residence utilizing an existing on-site wastewater disposal system and an existing on-site shallow water supply and Lot 2 (1.10 acres) with a proposed three (3) bedroom single family residence utilizing a proposed off-site wastewater disposal system and an on-site drilled well water supply located at 2540 Hinesburg Road in the Town of Richmond, 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 to record this permit in the Town of Richmond 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 to record the design and installation certifications and other documents that are required to be filed under these Rules or under a permit condition in the Town of Richmond 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 to serve Lot 2 is located on Lot 1. The land deeds that establish and transfer ownership of these lots shall contain permanent legal access which grants future owner(s) of Lot 2 the right to enter upon Lot 1 for the construction, repair, maintenance, and other such reasonable purposes as may arise regarding the wastewater system. Failure to properly execute the permanent legal access renders this permit null and void for the purpose of constructing the leachfield. It is recommended that a copy of the executed easement be sent to the Drinking Water and Groundwater Protection Division.
- 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.



## 2. SUBDIVISION AND CONSTRUCTION

- 2.1 Subdivision and construction shall be completed as shown on the plans and/or documents prepared by Willis Design Associates, Inc. (Justin Willis, Licensed Designer) and Button Professional Land Surveyors, PC (Christopher A. Haggerty, Licensed Land Surveyor) with the stamped plans listed as follows:

Title	Sheet #	Plan Date	Revision
<i>Details, 2 Lot Subdivision</i>	1	10/3/20	N/A
<i>Site Plan, 2 Lot Subdivision</i>	1	10/3/20	N/A
<i>Plat of 2-Lot Subdivision</i>	1	11/17/2020	N/A

- 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, water pipes, sewer services, earthwork, re-grading, excavation, or other construction that might interfere with the operation of a wastewater system or a 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 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 on Lot 2, 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. 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.

## 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
1	Existing	2-Bedroom Single Family Residence	280	280
2	Proposed	3-Bedroom Single Family Residence	420	420

## 5. WASTEWATER SYSTEM

- 5.1 Lot 1 is approved with an existing wastewater system. No changes shall be made to the existing wastewater system unless otherwise exempt without prior approval from the Drinking Water and Groundwater Protection Division.
- 5.2 A future replacement wastewater system for Lot 1 is identified on the stamped plan(s). There shall be no construction or other activities that will affect the suitability of this area for the design and construction of a wastewater system.

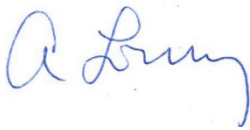
- 5.3 Prior to connection to the replacement wastewater system for Lot 1, the landowner shall file an application with the Drinking Water and Groundwater Protection Division pursuant to the Wastewater System and Potable Water Supply Rules.
- 5.4 Prior to construction or site work on Lot 2, a designer shall flag the proposed leachfield, and the owner shall maintain the flags until commencement of construction of the system.
- 5.5 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.
- 5.6 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 Lot 1 is authorized to utilize the existing on-site, shallow water supply system provided the potable water supply is operated at all times in a manner that keeps the supply free from contamination. No changes shall be made to the existing water system, and no other means of obtaining potable water shall be allowed, without prior review and approval by the Drinking Water and Groundwater Protection Division unless otherwise exempt. The landowner shall immediately notify the Division if the water supply system fails to function properly and becomes a "failed supply".
- 6.2 Prior to construction or site work on Lot 2, 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.
- 6.3 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.

Peter Walke, Commissioner  
Department of Environmental Conservation

Dated June 9, 2021



By  
Allison Lowry  
Environmental Analyst V  
Essex Junction Regional Office  
Drinking Water and Groundwater Protection Division

cc: Willis Design Associates, Inc.