

**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 September 29, 2007  
Chapter 21, Water Supply Rules, Effective December 1, 2010

**Landowner(s): Harriet Patrick  
2952 Greenbush Road  
Charlotte, VT 05445**

**Permit Number: WW-4-0251-2  
PIN: EJo8-0445**

This permit affects property identified as Town Tax Parcel ID 00007-1355 referenced in a deed recorded in Book 227 Page 369 of the Land Records in Charlotte, Vermont.

The project consists of providing individual potable water and wastewater systems for 1) a 4-bedroom residence referred to as the old tavern and 2) a 1-bedroom residence on an abutting parcel. The old tavern will be connected to a new wastewater system and a new drilled well. The 1-bedroom residence will continue to use the existing 450 GPD mound wastewater system and an existing drilled well. This project is hereby approved under the requirements of the regulations named above subject to the following conditions.

**1. GENERAL**

- 1.1 The project shall be completed as shown on the plans and/or documents prepared by Spencer Harris of Vermont Contours Inc. , with the stamped plans listed as follows:

Sheet Number	Title	Plan Date	Plan Revision Date
1 of 3	Plot Plan	9/29/2017	11/9/2017
2 of 3	Site Plan	9/29/2017	11/9/2017
3 of 3	Details	9/29/2017	--/--/--

- 1.2 This permit does not relieve the landowner from obtaining all other approvals and permits PRIOR to construction including, but not limited to, those that may be required from the Act 250 Environmental Commission; the Drinking Water and Groundwater Protection Division; the Watershed Management Division; the Division of Fire Safety; the Vermont Department of Health; the Family Services Division; or other State departments and local officials.
- 1.3 The conditions of this permit shall run with the land and will be binding upon and enforceable against the landowner and all assigns and successors in interest. The landowner shall record and index this permit in the Charlotte Land Records within thirty, (30) days of issuance of this permit and prior to the conveyance of any lot subject to the jurisdiction of this permit.
- 1.4 The landowner shall record and index all required installation certifications and other documents that are required to be filed under these Rules or under a specific permit condition in the Land Records and ensure that copies of all certifications are sent to the Secretary.



- 1.5 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) 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 the permit conditions, were inspected, were properly tested, and have successfully met those performance tests",*

or which otherwise satisfies the requirements of §1-308 and §1-911 of the referenced rules.

- 1.6 This project is approved for two single family residences, one with maximum of 4 bedrooms in the tavern building and the existing 1 bedroom on the adjacent lot. These structures are only for the use of the residents of the main house and/or accessory apartment and therefore no additional water and wastewater design flows have been assigned to them. Construction of additional nonexempt buildings, including commercial and residential buildings, is not allowed without prior review and approval by the Drinking Water and Groundwater Protection Division, and such approval will not be granted unless the proposal conforms to the applicable laws and regulations.
- 1.7 By acceptance of this permit, the landowner agrees to allow representatives of the State of Vermont access to the property subject to this permit, at reasonable times, for the purpose of ascertaining compliance with Vermont environmental/health statutes, regulations, and permit conditions, including performing an inspection of the wastewater disposal and water supply systems serving the structure.
- 1.8 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.

## **2.WATER SUPPLY**

1. The project is approved with an existing on-site drilled well water supply system having a maximum design flow of **140** gallons per day provided the water supply meets or exceeds the isolation distances, construction standards, and water quality standards required in the Water Supply Rule. The landowner shall operate the potable water supply in a manner that keeps the supply free from contamination.
2. This project is approved for a potable water supply using a drilled or percussion bedrock well for a maximum of **490** gallons of water per day provided the supply is located as shown on the stamped plan(s) and meets or exceeds the isolation distances, construction standards, and water quality standards required in the Water Supply Rule. The landowner shall operate the potable water supply in a manner that keeps the supply free from contamination. The landowner shall immediately notify the Division if the water supply system fails to function properly and becomes a "failed supply".
3. No additional changes shall be made to the existing water system unless prior approval is obtained from the Drinking Water and Groundwater Protection Division. 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".

## **3.WASTEWATER DISPOSAL**

- 3.1 This project is approved with an existing wastewater disposal system with a maximum design flow of 140 gallons per day on the existing one bedroom residence. No changes shall be made to the existing wastewater system unless prior approval is obtained from the Drinking Water and Groundwater Protection Division. Should the system fail and not qualify for the minor repair or replacement exemption, the landowner shall engage a qualified

Vermont Licensed Designer to evaluate the cause of the failure and to submit an application to Drinking Water and Groundwater Protection Division and receive written approval prior to correcting the failure.

- 3.2 This project is approved for the disposal of wastewater in accordance with the design depicted on the stamped plan(s) for a maximum of 490 gallons of wastewater per day to the tavern building. The system(s) shall be operated at all times in a manner that will not permit the discharge of effluent onto the surface of the ground or into the waters of the State. Should the system fail and not qualify for the minor repair or replacement exemption, the current landowner shall engage a qualified Vermont Licensed Designer to evaluate the cause of the failure and to submit an application to this office and receive written approval prior to correcting the failure.
- 3.3 The wastewater disposal system(s) shall be constructed as shown on the stamped plan(s) and shall be operated at all times in a manner that will not permit the discharge of effluent onto the surface of the ground or into the waters of the State.
- 3.4 The wastewater system for this project is approved for domestic type wastewater only except as allowed for water treatment discharges. No discharge of other type process wastewater is permitted unless prior written approval is obtained from the Drinking Water and Groundwater Protection Division.
- 3.5 The project is approved for the mound wastewater disposal systems provided the mound is constructed in strict accordance with the following conditions:
  - a. The mound system is to be located and constructed as depicted on the plans that have been stamped by the Drinking Water and Groundwater Protection Division.
  - b. A qualified Vermont Licensed Designer shall inspect the mound system during critical stages of construction. This shall include the staking of the location of the mound, ensuring the site has been properly plowed prior to placement of the appropriate sand fill, the installation and testing of the distribution piping, final grading of the mound including side slopes, and pump station installation.
  - c. The construction of the mound shall adhere to the guidelines set forth in Section 1-913(f) of the above referenced rules.
  - d. The components of the wastewater system herein approved shall be routinely and reliably inspected during construction by a qualified Vermont Licensed Designer who shall, upon completion and prior to occupancy of the associated building, report in writing to the Drinking Water and Groundwater Protection Division that the installation was accomplished in accordance with the referenced plans and permit conditions, as specifically directed in Condition #1.5 herein.
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Emily Boedecker, Commissioner  
Department of Environmental Conservation

By   
Dean Bloch  
Sewage Officer  
Town of Charlotte

Dated the 14<sup>th</sup> day of November, 2017.

- c Brian Tremback, Lamoureux & Dickinson Consulting Engineers, Inc. *via email*  
Spencer Harris of Vermont Contours Inc. *via email*  
Harriet Patrick