

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): Jonathan & Heather Fuller
97 Stevensville Road
Underhill VT 05489

Permit Number: WW-4-4545-1

This permit affects the following properties in Underhill, Vermont:

Lot	Parcel	SPAN	Acres	Book(s)/Page(s)#
N/A	ST097	660-209-11189	5.00	Book:225 Page(s):10

This project, consisting of amending Permit # WW-4-4545 to 3 bedroom home with 1 bedroom detached accessory dwelling, served by soil-based wastewater system and drilled well, located on 97 Stevensville Road in Underhill, Vermont, 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 Justin Willis, Class BW, with the stamped plans listed as follows:

Title	Sheet Number	Plan Date	Revision Date
Details, Wastewater System & Water Supply	D1	09/15/2017	
Site Plan, Wastewater System & Water Supply	S1	09/15/2017	

- 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 Underhill 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 Underhill 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 All conditions set forth in **Permit Number WW-4-4545** shall remain in effect except as amended or modified herein. This project is approved for the construction of a three bedroom single family residence and a one bedroom detached accessory apartment on the existing lot
- 1.7 No alterations to the existing building other than those indicated in this permit that would change or affect the water supply or wastewater system shall be allowed without prior approval by the Drinking Water and Groundwater Protection Division. Construction of additional nonexempt buildings including commercial and residential buildings is not allowed without prior permitting by the Drinking Water and Groundwater Protection Division and such permit may not be granted unless the proposal conforms to the applicable laws and regulations. No construction is allowed that will cause non-compliance with an existing permit.
- 1.8 Each purchaser of any portion of the project shall be shown a copy of the Wastewater System and Potable Water Supply Permit and the stamped plan(s), if applicable, prior to conveyance of any portion of the project to that purchaser.
- 1.9 By acceptance of this permit, the landowner 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.
- 1.10 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

- 2.1 This project is approved for a potable water supply using a drilled or percussion bedrock well for 560 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".
- 2.2 The components of the potable water supply herein approved shall be routinely and reliably inspected during construction by a qualified Vermont Licensed Designer (or where allowed, the installer) 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.
- 2.3 The potable water source location as shown on the stamped plan(s) shall be staked out and flagged by a qualified Vermont Licensed Designer prior to any construction on this project with the flagging being maintained until construction is complete.
- 2.4 Upon completion of the drilling of the well, a qualified licensed designer or well driller, shall submit to the Drinking Water and Groundwater Protection Division a copy of the water quality analysis and water quantity (well log and any required calculations) required by the Water Supply Rules, Appendix A, Part 11 that demonstrates the water quality meets the standards of the Rules as a potable water source and the quantity meets the demand for the water system design approved by this Permit. An amended application form, fee and complete engineering plans for such system shall be submitted for review and approval by the Drinking Water and Groundwater Protection Division should the water quality require treatment to meet the water quality standards, or, the water quantity requires modifications to the approved water system design to meet the average day demand, maximum day demand, or peak demand.

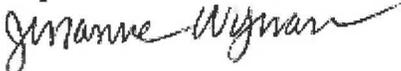
3. WASTEWATER DISPOSAL

- 3.1 This project is approved for the disposal of wastewater in accordance with the design depicted on the stamped plan(s) for 560 gallons of wastewater per day. 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.
- 3.2 The components of the sanitary wastewater system herein approved shall be routinely and reliably inspected during construction by a Vermont Licensed Designer (or where allowed, the installer) 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.

- 3.3 The corners of the proposed wastewater area(s) shall be accurately staked out and flagged prior to construction with the flagging/staking being maintained until construction is complete.
- 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 No buildings, roads, water lines, earthwork, re-grading, excavation or other construction that might interfere with the installation or operation of the wastewater systems are allowed on or near the site-specific wastewater system or replacement area depicted on the stamped plans. All isolation distances that are set forth in the Wastewater System and Potable Water Supply Rules shall be adhered to and will be incorporated into the construction and installation of the wastewater system.
- 3.6 No replacement area is required as the system is designed at 150% and is pressurized.

Emily Boedecker, Commissioner
Department of Environmental Conservation



By _____

Dated October 9, 2017

Jessanne Wyman
Regional Engineer
Essex Junction Regional Office
Drinking Water and Groundwater Protection Division

cc: Justin Willis
Underhill Planning Commission