



State of Vermont
Department of Environmental Conservation

Agency of Natural Resources

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): Kurt Thoma
Rachel Fraumann
161 Austin Drive #34
Burlington VT 05401

Permit Number: WW-4-5075

This permit affects the following properties in Underhill, Vermont:

Lot	Parcel	SPAN	Acres	Book(s)/Page(s)#
N/A	EMO43	660-209-10204	1.30±	Book:235 Page(s):287-289

This project, to convert a one bedroom seasonal residence to a one bedroom year-round occupied residence, utilizing the existing offsite shallow water supply and a new Enviro-Septic® (ES) Pipe Leaching System, located on 43 Ellsworth Meadow Lane 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 from Willis Design Assoc., Inc., with the stamped plans listed as follows:

Title	Sheet Number	Plan Date	Revision Date
Site Plan Wastewater System & Water Supply	S1	06/25/2018	
Details Wastewater System & Water Supply	D1	06/25/2018	

- 1.2 This permit does not relieve the landowner from obtaining any and all other applicable state and local approvals and permits PRIOR to construction.
- 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 wastewater system until the Secretary receives a signed and dated certification from a qualified Vermont Licensed Designer that states:

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

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



- 1.6 This permit authorizes the landowner to convert the existing one bedroom seasonally occupied residence to a year-round occupied one bedroom single family residence. The residence shall not be occupied as a year-round residence until such time as the construction of the new wastewater system is completed and all the conditions of this permit are satisfied. The landowner shall complete construction of the new wastewater system approved by this permit **no later than June 30, 2019**. The landowner may request one extension of this deadline, provided the landowner makes the request in writing prior to the specified date, and shows good cause why construction cannot be completed by the stated date. If construction is not completed by the required deadline, this permit shall no longer remain valid for the purposes of authorizing the construction of the wastewater system.
- 1.7 Each purchaser of any portion of the project shall be shown a copy of the Wastewater System and Potable Water Supply Permit, the **Innovative/Alternative System Approval letter #2004-02-R4 (2017 Renewal for Advanced Enviro-Septic (AES), Enviro-Septic® (ES), and Simple Septic® (SS) Pipe Leaching System)** and the stamped plans prior to conveyance of any portion of the project to that purchaser. If the licensed designer specified AES or ES Pipe Leaching System, a permit is required to change to SS Pipe Leaching System.
- 1.8 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.
- 1.9 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

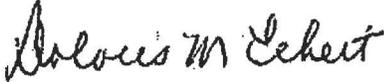
- 2.1 The project is authorized to utilize the existing offsite shallow water supply system for 140 gallons of water per day provided the potable water supply is operated at all times in a manner that keeps the supply free from contamination. No changes shall be made to the existing water system unless 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 The components of the sanitary wastewater system herein approved shall be routinely and reliably inspected during construction by a Vermont Licensed Designer who shall, upon completion, 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.
- 3.2 This project is approved for the disposal of wastewater in accordance with the design depicted on the stamped plans for 140 gallons of wastewater per day. The system 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 Variances for the design of the replacement wastewater system were granted from the technical standards in accordance with the Wastewater System and Potable Water Supply Rules, Subchapter 1-806(a).
- 3.4 The project is approved for the mound wastewater system 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, and final grading of the mound including side slopes.
 - c. The construction of the mound shall adhere to the requirements set forth in Section 1-913(f) of the above referenced rules.
- 3.5 The corners of the proposed replacement wastewater system shall be accurately staked out and flagged prior to construction with the flagging/staking being maintained until construction is complete.

- 3.6 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 wastewater is permitted unless prior written approval is obtained from the Drinking Water and Groundwater Protection Division.
- 3.7 No buildings, roads, water lines, earthwork, re-grading, excavation or other construction that might interfere with the installation or operation of the wastewater system are allowed on or near the site-specific wastewater disposal system 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, except as permitted under the approved variances.

Emily Boedecker, Commissioner
Department of Environmental Conservation



By _____ Dated July 20, 2018
Dolores M. Eckert, Assistant Regional Engineer
Essex Junction Regional Office
Drinking Water and Groundwater Protection Division

cc: Justin Willis
Underhill Planning Commission
Innovative/Alternative Manufacturer – Presby Environmental, Inc.