



This 15th day of November A.D. 2018 at 11 o'clock 0 minutes A m and recorded in vol. 235 on page 494-496

State of Vermont Department of Environmental Conservation

Town Clerk 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): Philo Ridge, LLC 2766 Mt. Philo Road Charlotte, VT 05445

Permit Number: WW-138-1403-1 PIN: EJ14-0056

This permit affects property identified as Town Tax Parcel ID 00003-0875 referenced in a deed recorded in Book 230 Pages 648-651 of the Land Records in Charlotte, Vermont.

This project, consisting of a replacement mound system and drilled well to convert a four-bedroom house to a four-bedroom duplex at 875 Hinesburg Road in Charlotte, 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 plans and/or documents prepared by Jason Barnard of Barnard and Gervais, LLC, with the stamped plans listed as follows:

Table with 4 columns: Sheet Number, Title, Plan Date, Plan Revision Date. Rows include S1 (Site Plan) and D1 (Wastewater System Details and Notes).

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 District 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; other State departments; or 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 This project is approved for a mound system to serve a four-bedroom duplex. 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. No construction is allowed that will cause non-compliance with an existing permit.

1.5 The project/Lot & 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. Upon completion of construction, and prior to occupancy of any structure being served by the mound system, the inspecting consultant shall submit to the Drinking Water and Groundwater Protection Division a written certification stating the construction has been completed in accordance with the stamped plans and the permit.
- 1.6 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.
  - 1.7 By acceptance of this permit, the landowner agrees to allow representatives of the Town of Charlotte and 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/each 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.
  - 1.9 No permit issued by the Secretary shall be valid for a substantially completed potable water supply and wastewater system until the Secretary receives a certification from a Vermont Licensed Designer (or where allowed, the installer), signed and dated, 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.

## **2. WATER SUPPLY**

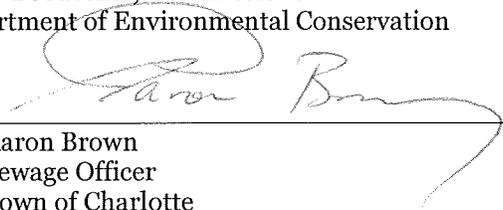
- 2.1 This Lot is approved for a potable water supply using a drilled bedrock well for a maximum of **560 gallons** of water per day provided the supply is located as shown on the stamped plan(s) and meets or exceeds the isolation distances, construction standards, and water quality standards required in the Water Supply Rule. The landowner shall operate the potable water supply in a manner that keeps the supply free from contamination.
- 2.2 Prior to use of the new drilled well as a water supply, a Licensed Designer shall submit a copy of the well completion report, yield test results, calculations to show that the well yield is adequate to provide a minimum flow of 5 GPM per unit (or that storage requirements are satisfied), and bacteriological and chemical water quality testing analyses as required in the Water Supply Rule, Appendix A, Part 11. If storage external to the well is required, complete plans detailing the construction of the system shall be submitted.
- 2.3 No changes shall be made to the 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 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.
- 3.2 This Lot is approved for the disposal of wastewater in accordance with the design depicted on the stamped plan(s) for a maximum of **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.
- 3.3 No buildings, roads, water lines, earthwork, re-grading, excavation or other construction that might interfere with the operation of the wastewater disposal systems are allowed on or near the site-specific wastewater disposal system

or replacement area 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.

Emily Boedecker, Commissioner  
Department of Environmental Conservation

By   
Aaron Brown  
Sewage Officer  
Town of Charlotte

Dated the 15th Day of November 2018

Cc via email  
Brian Tremback, Charlotte Septic Consultant  
Jason Barnard, Barnard and Gervais, LLC  
Bobby Harvey, Biological Capital  
Peter Swift, Philo Ridge LLC

**APPROVED**  
SEPTIC DISPOSAL SYSTEM DESIGN  
BY AARON BROWN  
SEWAGE OFFICER  
TOWN OF CHARLOTTE  
UNDER DELEGATION AUTHORITY  
FROM THE STATE OF VERMONT  
WASTEWATER MANAGEMENT DIVISION  
DATE: 11/15/2018

