



This 11th day of December A.D. 2017

State of Vermont
Department of Environmental Conservation

at 3 o'clock 45 minutes 8 m and
recorded in vol. 231 on page 335 - 337
Attest: *[Signature]* 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
c/o Diana McCargo
2766 Mt. Philo Road
Charlotte, VT 05445**

**Permit Number: WW-138-1609-1
PIN: EJ16-0324**

This permit affects properties identified as Town Tax Parcel ID 00027-2766, referenced in a deed recorded in Book 190, Page 436 of the Land Records in Charlotte, Vermont.

This project consists of a proposed water service line connecting the commons barn to a newly installed well. The existing brick house well remains, serving only the brick house; the proposed connection to the new well will serve only the commons barn. The previously approved total design flow of **482 GPD** for the property will not change. No other changes are otherwise proposed to existing, approved water supply and wastewater disposal systems. 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 David Marshall, P.E. of Civil Engineering Associates, Inc. , with the stamped plan listed as follows:

Sheet Number	Title	Plan Date	Plan Revision Date
C1.3	Proposed Site Utility Plan	Nov. 2016	11/15/2017

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 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 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.
- 1.7 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 approved with an existing on-site drilled well water supply system having a maximum design flow of **482 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.
- 2.2 This project is approved for the installation of a water service line connecting the commons barn to a newly installed well. The existing brick house well remains, serving only the brick house; the proposed connection to the new well will serve only the commons barn. The previously approved total design flow of **482 GPD** for the property will not change. No other changes are otherwise proposed to existing, approved water supply and wastewater disposal systems. 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. 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.
- 2.3 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.
- 2.4 No changes shall be made to the water system unless prior approval is obtained from the Town, and the State Drinking Water and Groundwater Protection Division. No other means of obtaining potable water shall be allowed without prior review and approval from the 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 **482 gallons per day**. No changes other than those specifically approved in this permit 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 No buildings, roads, water lines, earthwork, re-grading, excavation or other construction that might interfere with the installation or 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. All isolation distances that are set forth in the Wastewater System and Potable Water Supply Rules will be incorporated into and shall be adhered to for the construction and installation of the wastewater disposal field.
- 3.3 No changes are proposed nor approved to the existing wastewater disposal system as approved previously. No changes may be made to the system, nor shall discharge of other type process wastewater is permitted, unless prior written approval is obtained from the Town, and the State Drinking Water and Groundwater Protection Division.

Emily Boedecker, Commissioner
Department of Environmental Conservation

By 
Dean Bloch
Interim Sewage Officer
Town of Charlotte

Dated the 27th day of November, 2017.

- c Brian Tremback, Lamoureux & Dickinson Consulting Engineers, Inc. *via email*
David Marshall, Civil Engineering Associates, Inc. *via email*
Diana L. McCargo
Drinking Water and Groundwater Protection Division *via email*