

**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 April 12, 2019**Pemittee(s): William C. Coleburn  
1108 Thompsons Point  
Charlotte VT 05401****Permit Number: WW-138-2045  
PIN #:**

This permit affects the following 1.3± &amp; 3.4± Acre Parcels, at 1108 Thompson Point Road, Charlotte, VT.

<b>Lots</b>	<b>Parcel</b>	<b>SPAN</b>	<b>Acres</b>	<b>Book(s)/Page(s)#</b>
<b>194-197</b>	00024-1108	138-043-10326	1.3 ; 3.4	190, Page 375

This application, consisting of a proposal to disconnect the existing 2-bedroom and 3-bedroom seasonal dwellings from the Thompson's Point water system and install a replacement drilled well that will provide water to both seasonal dwellings and the accessory structure at 1108 Thompson's Point Road, Charlotte, Vermont. A new, replacement drilled water supply well can be installed that will serve the existing 2-bedroom and 3-bedroom seasonal dwellings. No change is proposed to the existing connections to the Thompson's Point Association community wastewater disposal system. The application is hereby approved under the requirements of the regulations named above subject to the following conditions. 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. GENERAL**

- 1.1 The permittee is responsible to record this permit in the Charlotte Land Records within thirty days of issuance of this permit and prior to the conveyance of any lot subject to the jurisdiction of this permit.
- 1.2 The permittee is responsible to record the design and installation certifications and other documents that are required to be filed under these Rules or under a permit condition in the Charlotte Land Records.
- 1.3 Each assign or successor in interest shall be shown a copy of the Wastewater System and Potable Water Supply Permit and the stamped plan(s) prior to the conveyance of any lot.
- 1.4 By acceptance of this permit, the permittee 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.
- 1.5 This permit does not relieve the landowner from obtaining all other approvals and permits other State Agencies or Departments, or local officials prior to construction.

**2. CONSTRUCTION**

- 2.1 Construction on the lot/each lot shall be completed as shown on the plans and/or documents prepared by Jason Barnard, Licensed Designer #126179, of Barnard and Gervais, LLC., with the stamped plans listed as follows:

<b>Title</b>	<b>Sheet #</b>	<b>Plan Date</b>	<b>Revision</b>
<b>SITE PLAN</b>	S-1	09/09/2019	N/A
<b>WATER SUPPLY DETAILS</b>	D-1	09/09/2019	N/A

- 2.2 Construction of wastewater systems or potable water supplies, or buildings or structures (as defined by the Wastewater System and Potable Water Supply Rules), or campgrounds, not depicted on the stamped plans, or identified in this permit, is not allowed without prior approval by the Drinking Water and Groundwater Protection Division.



- 2.3 No buildings, roads, water pipes, sewer services, earthwork, re-grading, excavation, or other construction that might interfere with the operation of the wastewater system or potable water supply are allowed on or near the site-specific wastewater system, wastewater replacement area, or potable water supply 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.

### **3. INSPECTIONS**

- 3.1 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 satisfies the requirements of §1-311 of the referenced rules.

### **4. WASTEWATER SYSTEM**

- 5.1 A designer shall flag, prior to construction or site work on the lot:
  - a. The perimeter of the approved leachfield, or, if the leachfield is within a bottomless sand filter or a mound, perimeter of the bottomless sand filter or mound and the flags maintained until commencement of construction of the component.
  - b. No change is proposed to the existing connections to the Thompson's Point Association community wastewater disposal system.
- 5.2 This permit does not relieve the permittee of the obligations of Title 10, Chapter 48, Subchapter 4, for the protection of groundwater.
- 5.3 Should the wastewater system fail and not qualify for the minor repair or for an exemption, the landowner shall engage a qualified Licensed Designer to evaluate the cause of the failure and submit an application to Drinking Water and Groundwater Protection Division prior to correcting the failure

### **5. POTABLE WATER SUPPLY**

- 6.1 Prior to construction or site work on the lots, a designer shall flag the center of the proposed potable water source serving the proposed residence on the lot and the owner shall maintain the flag until commencement of construction of the source.
- 6.2 Prior to the use of the potable water supply, the permittee shall test the water for Arsenic, Escherichia coli (E. coli), Fluoride, Lead, Manganese, Nitrate as N, Nitrite as N, Total Coliform Bacteria, Uranium, Adjusted Gross Alpha Particle Activity, Chloride, Sodium, Iron, Odor and pH. All water quality tests shall be conducted at a laboratory certified by the Vermont Department of Health (a list of which can be found on the VDH website). Results of the water tests shall be submitted to the Drinking Water and Groundwater Protection Division and the Vermont Department of Health prior to use.
- 6.3 Prior to constructing the potable water supply, other than drilling of the water source, the permittee shall submit to the Drinking Water and Groundwater Protection Division a report by a Class 1, Class A, Class B, or Class BW Designer that includes the estimated yield of the source, specifications for the pump, and the design flow, design rate, and peak instantaneous demand of the potable water supply. If the estimated yield of the source cannot provide water in a quantity that satisfies the design flow, design rate, and instantaneous peak demand, the permittee shall submit an application to the Drinking Water and Groundwater Protection Division that includes a design prepared by a Class 1, Class A, Class B, or Class BW Designer for the water distribution system, including sizing calculations, specifications for pumps, hydro-pneumatic tanks, and storage facilities.
7. Should the potable water supply fail and not qualify for the minor repair or for an exemption, the landowner shall engage a qualified Licensed Designer to evaluate the cause of the failure and submit an application to Drinking Water and Groundwater Protection Division prior to correcting the failure.

Peter Walke, Commissioner  
Department of Environmental Conservation

By *Daniel O. Morgan*  
Dated May 6, 2020

Daniel O. Morgan  
Water/Wastewater Officer  
Town of Charlotte

cc: Brian Tremback  
Jason Barnard