

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**Permittee(s): Monica L Heath Revocable Trust**
2296 Guy lot Road
Craftsbury, VT 05826**Permit Number: WW-7-5256**

This permit affects the following property/properties in Greensboro, Vermont:

Lot	Parcel	SPAN	Acres	Book(s)/Page(s)#
Existing	401-0780	264-083-10591	75.65	Book:57 Page(s):555-557

This application, consisting of constructing three 1-bedroom apartments in an existing barn on a 75.65± acre parcel and converting the existing 3-bedroom single family residence into a 2-bedroom single family residence with an attached 1-bedroom apartment; each dwelling to be served by a shared water supply and individual dedicated wastewater systems, located at 780 Lake Road, in Greensboro, Vermont, 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 Greensboro 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 Greensboro 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 a 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 from other State Agencies or Departments, or local officials prior to construction.

2. CONSTRUCTION

- 2.1 Construction shall be completed as shown on the plans and/or documents prepared by Patrick Larsen, with the stamped plans listed as follows:

Title	Sheet #	Plan Date	Revision
Plot Plan	1 of 2	01/22/2020	NONE
Site Plan & Construction Details	2 of 2	01/22/2020	NONE

- 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 a wastewater system or a 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 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.

3.2 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.

3.3 Prior to constructing the potable water supply system, 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, hydropneumatic tanks, and storage facilities.

3.4 The landowner shall abandon the existing well/spring in accordance with the Vermont Water Supply Rule and/or stamped plan(s). The landowner shall submit the designer's written report to the Drinking Water and Groundwater Protection Division certifying that the abandonment was accomplished in accordance with the approved plans and permit conditions.

4. DESIGN FLOW

4.1 Lot use and design flows (gpd) shall correspond to the following.

Lot	Building	Building Use / Design Flow Basis	Wastewater	Water
Existing	Dwelling	2-bedroom single family residence w/ attached 1-bedroom apartment	420	420
Existing	Dwelling	Triplex: 1-bedoom apartments	420	420

5. WASTEWATER SYSTEM

5.1 Prior to construction or site work, a designer shall flag the proposed leachfield, and the owner shall maintain the flags until commencement of construction of the system.

5.2 Should the wastewater system fail and not qualify as a 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 the Drinking Water and Groundwater Protection Division, and obtain approval thereof, prior to correcting the failure.

- 5.3 A future replacement wastewater area is identified on the stamped plan(s). There shall be no construction or other activities that will affect the suitability of this area for the design and construction of a wastewater system.
- 5.4 This permit does not relieve the permittee of the obligations of Title 10, Chapter 48, Subchapter 4, for the protection of groundwater.

6. POTABLE WATER SUPPLY

- 6.1 Prior to construction or site work, a designer shall flag the center of the proposed potable water source and the owner shall maintain the flag until commencement of construction of the source.
- 6.2 Should the potable water supply fail and not qualify as a 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 the Drinking Water and Groundwater Protection Division, and obtain approval thereof, prior to correcting the failure.

Peter Walke, Commissioner
Department of Environmental Conservation

By Richard A. Wilson Dated February 24, 2020
Richard A. Wilson
Environmental Analyst VI
St Johnsbury Regional Office
Drinking Water and Groundwater Protection Division

cc: Patrick Larsen
Greensboro Planning Commission

REV.	DATE	DESCRIPTION

PLOT PLAN MONICA L HEATH REVOCABLE TRUST 780 LAKE ROAD GREENSBORO, VERMONT		
LARSEN APPLIED EARTH SCIENCE, LLC P.O. BOX 376 HARDWICK, VERMONT 05843 (802) 793-6236		
SHEET 1 OF 2 SCALE 1"=200' DATE 1/23/20		REG. NO. 170012



