

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): James & Joni Perkins Clemons**
435 Guyette Road
East Montpelier VT 05651**Permit Number: WW-5-8102**

This permit affects the following properties in East Montpelier, Vermont:

Lot	Parcel	SPAN	Acres	Book(s)/Page(s)#
1-Existing	07-046.000	195-062-10194	18.98	Book:54 Page(s):100
1-Proposed			5.03	
2-Proposed			13.95	

This application, consisting of approval for the subdivision of an existing lot into lot 1 of 5.03-acres with an existing 4-bedroom single family residence and lot 2 of 13.95-acres with an existing primitive camp and for the construction of a 2-bedroom single family residence located at 435 Guyette Road in East Montpelier, 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 East Montpelier 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 East Montpelier 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 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 Craig D. Chase, with the stamped plans listed as follows:

Title	Sheet #	Plan Date	Revision
Details Sheet	DTLS1	08/06/2019	
Site Plan	SP2	08/06/2019	
Subdivision Survey	SUB1	08/06/2019	



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, are not allowed without prior approval by the Drinking Water and Groundwater Protection Division.

2.3 No buildings, roads, 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 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. DESIGN FLOW

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

Lot	Building	Building Use / Design Flow Basis	Water	Wastewater
1	Existing	4-Bedroom Single Family Residence	490	490
2	Proposed	2-Bedroom Single Family Residence	280	280
2	Existing	Primitive Camp	0	0

Note: The 3.00-acre parcel East of Guyette Road is considered a separate existing lot per section 1-201(95) of the Rules.

5. WASTEWATER SYSTEM

5.1 The existing 4-bedroom single family residence on lot 1 is approved with an existing wastewater system. No changes shall be made to the existing wastewater system unless otherwise exempt without prior approval from the Drinking Water and Groundwater Protection Division.

5.2 A future replacement wastewater area for lot 1 has been identified on the stamped plan(s). There shall be no construction or other activities that would impact the suitability of this replacement area for wastewater disposal. Should the existing system fail, 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 repair or replacement of the system on lot 1.

5.3 A designer shall flag, prior to construction or site work on lot 2:

- The perimeter of the approved mound and the flags maintained until commencement of construction of the component.

5.4 The wastewater system for lot 1 includes the use of an Innovative/Alternative component. Each prospective owner of a lot that utilizes an Innovative/Alternative component shall be shown a copy of the **Innovative/Alternative System Approval letter #2004-02-R7 for Advanced Enviro-Septic® (AES), Enviro-Septic® (ES), and Simple Septic® (SS) Pipe Leaching System** prior to conveyance of the lot.

5.5 Should wastewater system on lot 2 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 prior to correcting the failure.

5.6 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 The existing 4-bedroom single family residence on lot 1 is authorized to utilize the existing on-site water supply system 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, and 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.

6.2 Prior to construction or site work on lot 2, 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.

6.3 Prior to the use of the potable water supply for lot 2, 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 Vermont Department of Health prior to use.

6.4 Should either 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 prior to correcting the failure.

Emily Boedecker, Commissioner
Department of Environmental Conservation

By  _____ Dated October 31, 2019
Carl Fuller, PE
Regional Engineer
Montpelier Regional Office
Drinking Water and Groundwater Protection Division

Encl: **Innovative/Alternative System Approval letter #2004-02-R7 for Advanced Enviro-Septic® (AES), Enviro-Septic® (ES), and Simple Septic® (SS) Pipe Leaching System**

cc: Craig D. Chase
East Montpelier Planning Commission
Presby Environmental