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VERMONT

State of Vermont
Department of Environmental Conservation

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): David Garrett
1277 Thompson's Point Road
Charlotte, VT 05445

Permit Number: WW-138-1504
PIN:EJ16-0329

This permit affects properties identified as Town Tax Parcel ID M02B01L016 referenced in a deed recorded in Book 41, page(s) 259-262 of the Land Records in Charlotte, Vermont.

This project, consisting of best fix consisting of a mound septic system serving an existing 7 bedroom single-family dwelling, A 3 bedroom accessory apartment and an office with 5 employees, 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 Chris Galipeau of Civil Engineering Associates, Inc. with the stamped plans listed as follows:

Sheet	Title	Plan Date	Plan Revision Date
1 of 4	Proposed Conditions Site Plan C1.0	12/9/2014	--/--/----
2 of 4	Proposed Conditions Site Plan C1.1	12/9/2014	--/--/----
3 of 4	Details C2.0	12/9/2014	--/--/----
4 of 4	Details C2.1	12/9/2014	--/--/----

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.

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1.5 Record drawings in paper and electronic (pdf) format and the following certification language shall be submitted to the Division where changes are allowed under §1-803 and §1-806 of the 2007 Wastewater System and Potable Water Supply Rules:

"I hereby certify that in the exercise of my reasonable professional judgment the installation-related information submitted is true and correct and that the wastewater system was installed in accordance with record drawings and such record drawings are in compliance with the applicable rules, were filed with the Secretary, and are in accordance with all other permit conditions, was inspected, was properly tested, and has successfully met those performance tests,"

or which otherwise satisfies the requirements of §1-308 of the referenced rules.

1.6 This permit authorizes the landowner to construct a new wastewater disposal system required to abate a health hazard created by the failure of the existing wastewater disposal system serving the structure/residence. The landowner shall complete construction of the wastewater system approved by this permit by **May 1, 2017** or this permit shall be null and void. An extension of the construction completion date may be granted for good cause provided a written request for such an extension is received and granted by the Department prior to the above specified date. The landowner is required to continue measures to prevent wastewater from surfacing on top of the ground, entering surface waters of the State, or backing up into the existing residence until such time as the approved wastewater disposal system is constructed, activated, and all the conditions of this permit are satisfied. The town may also require steps to mitigate any health hazard associated with the failed system.

1.7 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.

1.8 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.

1.9 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 authorized to utilize the existing on-site water supply system having a maximum design flow of 1195 gallons per day 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 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".

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3.WASTEWATER DISPOSAL

3.1 This project is approved for the disposal of wastewater in accordance with the design depicted on the stamped plans for a maximum of 1195 gallons of wastewater per day. The systems 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.

3.2 The project includes the approval of the design of a replacement wastewater disposal system to serve a 7 bedroom residence at 700 gpd, a 3 bedroom accessory apartment at 420 gpd and a 5 employee business office at 75 gpd for a total of 1195 gpd. Prior to construction of that system, a Licensed Designer shall inspect the designated replacement area to ensure the area has not been disturbed and the native soil remains suitable for the construction of a wastewater system. The corners of the proposed replacement wastewater disposal area shall be accurately staked out and flagged prior to construction with the flagging/staking being maintained until construction is complete. The construction of the replacement wastewater system shall be routinely and reliably inspected during construction by a Vermont Licensed Designer (or where allowed, the installer) who shall, upon completion, 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.

3.3 The project 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.

3.4 The wastewater system(s) for this project are 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.

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3.5 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 shall be adhered to and will be incorporated into the construction and installation of the wastewater disposal field.

Alyssa Schuren, Commissioner
Department of Environmental Conservation

By _____
Joseph Rheaume
Sewage Officer
Town of Charlotte

Dated the 31st day of October, 2016.

c Brian Tremback, Charlotte Septic Consultant *via email*
Chris Galipeau, Civil Engineering Associates, Inc. *via email*
Drinking Water and Groundwater Protection Division *via email*