

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): 2877 Spear Street Associates**Permit Number: WW-138-1318**
PIN: EJ14-0001

This permit affects property identified as Town Tax Parcel ID # 00002-2877 referenced in a deed recorded in Book 164, Page 266 of the Land Records in Charlotte, Vermont.

This project, consisting of the creation of a 3-lot subdivision with one new commercial (Lot 3, 1.42 acres), one new residential (Lot 1, 0.72 acres) and one lot for an existing residence (Lot 2, 11.32 acres) located on Spear Street in Charlotte, Vermont, 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 S. Marshall, with the stamped plans listed as follows:

Drawing Number	Title	Plan Date	Plan Revision Date
1 of 7	C1.0 Proposed Site Plan	May 1, 2013	09/23/2013
2 of 7	C1.1 Existing Conditions	May 1, 2013	/ /
3 of 7	C2.0 Overall Wastewater Plan	May 1, 2013	12/11/2013
4 of 7	C2.1 Overall Water Supply Plan	May 1, 2013	09/23/2013
5 of 7	C2.2 Lot #1 Wastewater Plan	May 1, 2013	09/23/2013
6 of 7	C2.3 Lot #2 Wastewater Plan	May 1, 2013	09/23/2013
7 of 7	C3.0 Wastewater Details	May 1, 2013	09/23/2013

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 Charlotte 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 Lot #2 is approved with the existing house (4BR SFH plus 2BR apartment). No alterations to the existing building other than those indicated in this permit that would change or affect the water supply or wastewater disposal shall be allowed without prior approval by the Drinking Water and Groundwater Protection Division. Construction of additional nonexempt buildings including commercial and residential buildings is not allowed without prior permitting by the Drinking Water and Groundwater Protection Division and such permit may not be granted unless the proposal conforms to the applicable laws and regulations.
- 1.7 This project Lot # 1 is approved for the construction of a new 4BR SFH. Lot #3 is approved for the construction of a commercial building with no more than 10 employees. 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. No construction is allowed that will cause non-compliance with an existing permit.
- 1.8 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.
- 1.9 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.
- 1.10 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 This project Lot #2 is approved for a potable water supply using a non-public drilled bedrock well for a maximum of 770 gallons of water per day provided the supply is located as shown on the stamped plan(s) and 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. The landowner shall immediately notify the Division if the water supply system fails to function properly and becomes a “failed supply”.
- 2.2 This project Lot #1 is approved for a potable water supply using a non-public drilled bedrock well for a maximum of 490 gallons of water per day provided the supply is located as shown on the stamped plan(s) and 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. The landowner shall immediately notify the Division if the water supply system fails to function properly and becomes a “failed supply”.
- 2.3 This project Lot #3 is approved for a potable water supply using a non-public drilled bedrock well for a maximum of 135 gallons of water per day provided the supply is located as shown on the stamped plan(s) and 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. The landowner shall immediately notify the Division if the water supply system fails to function properly and becomes a “failed supply”.
- 2.4 The water supply system for Lot #3 is subject to an easement onto the lands identified as Lot #2. The ownership of this project, or portion thereof, shall not be transferred without water rights to the approved water supply. The water rights shall provide for an uninterrupted supply of water together with the right to enter upon the property for the construction, repair, maintenance and other such reasonable purposes as may arise regarding the potable water supply. No construction on or conveyance of the approved lot(s)/project is allowed until such time as a

copy of the executed easement has been recorded in the Town of Charlotte land records. Failure to properly execute the easement renders this permit null and void for any lot conveyed without the proper easement. It is recommended that a copy of the executed easement be sent to the Drinking Water and Groundwater Protection Division.

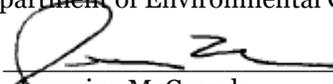
- 2.5 The components of the potable water supply herein approved shall be routinely and reliably inspected during construction by a qualified Vermont Licensed Designer (or where allowed, the installer) who shall, upon completion and prior to occupancy of the associated building, report in writing to 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.
- 2.6 The water source locations as shown on the stamped plan(s) shall be staked out and flagged by a qualified Vermont Licensed Designer prior to any construction on this project with the flagging being maintained until construction is complete.
- 2.7 Prior to constructing the potable water supply, other than drilling of the well, the landowner shall obtain an amended permit or approval letter from the Drinking Water and Groundwater Protection Division. The landowner shall submit plans prepared by a qualified Vermont Licensed Designer for a water distribution system, including sizing calculations, specifications for pumps, hydropneumatic tanks, and storage facilities, to the Drinking Water and Groundwater Protection Division for approval.

3. WASTEWATER DISPOSAL

- 3.1 Lot #2 of this project is approved for the disposal of wastewater in accordance with the design depicted on the stamped plan(s) for a maximum of 770 gallons of wastewater per day. The system(s) 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 and to submit an application to this office and receive written approval prior to correcting the failure.
- 3.2 Lots #1 and 3 of this project are approved for the disposal of wastewater in accordance with the design depicted on the stamped plan(s) for a maximum of 610 gallons of wastewater per day. The system(s) 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 and to submit an application to this office and receive written approval prior to correcting the failure.
- 3.3 The wastewater disposal system, which is to serve Lots #1 and 3 is located on Lot #2. The land deeds that establish and transfer ownership of these parcels shall contain a legal easement which grants the purchaser(s) and any future owner(s) the right to enter upon the property for the construction, repair, maintenance and other such reasonable purposes as may arise regarding the wastewater disposal system. Failure to properly execute the easement renders this permit null and void for any lot/the project conveyed without the proper easement. It is recommended that a copy of the executed easement be sent to the Drinking Water and Groundwater Protection Division.
- 3.4 The wastewater disposal system(s) for Lots 1-3 are designed using the performance base approach. The use of a performance-based wastewater disposal system approved in this permit requires that an annual inspection be performed by a qualified Vermont Licensed Designer starting when the system is placed in use and continuing for the first three years of operation. The field inspection shall be done in April or May and a written report shall be submitted by the June 15th of each year to the landowner and the Drinking Water and Groundwater Protection Division. The inspection shall consist of a field inspection of the wastewater disposal system and the area within 25' of the system in all directions noting any indication of failure.
- 3.5 The components of the sanitary wastewater system herein approved shall be routinely and reliably inspected during construction by a 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.
- 3.6 The corners of the proposed primary or replacement wastewater disposal area(s) shall be accurately staked out and flagged prior to construction with the flagging/staking being maintained until construction is complete.
- 3.7 The wastewater system for this project is 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.

- 3.8 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.

David K. Mears, Commissioner
Department of Environmental Conservation

By 
Jeannine McCrumb
Sewage Officer
Town of Charlotte

Dated the 14th day of January, 2014.

- c Spencer Harris, Charlotte Septic Consultant *via email*
David S. Marshall, P.E, Civil Engineering Associates, Inc. *via email*
2877 Spear Street Associates, LLC
Erik Hoekstra, Redstone *via email*
Drinking Water and Groundwater Protection Division *via email*