VERMONT

EXHIBIT
6

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

Landowners: **Timothy Potvin**
27 Moose Run
Underhill VT 05489

Theresa Potvin
27 Moose Run
Underhill VT 05489

Permit Number: WW-4-3810-1

This permit affects the following properties in the Town of Underhill, Vermont:

Lot	*Parcel*	*SPAN*	*Acres*	*Book/Page#'s*
718	*MO027*	*660-209-10689*	*103.00*	*Book:178 Page:8*

This project, consisting of a proposed two bedroom single family residence utilizing an individual, on-site drilled well water supply and individual, on-site wastewater disposal system on an existing, 103.00 acre parcel with an existing, four bedroom single family residence utilizing an existing, individual on-site drilled well water supply and existing, individual on-site wastewater disposal system located at 27 Moose Run in the Town of Underhill, 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 Green Mountain Engineering (Kevin J. Camara P.E.), with the stamped plans listed as follows:

Title	*Drawing No.*	*Plan Date*	*Revision date*
Proposed Site Plan	*1*	*Jan. 2018*	*03/01/18*
Details & Notes	*2*	*Jan. 2018*	

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 Town of Underhill 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 Town of Underhill 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 This project/lot is approved with the existing four bedroom single family residence. No alterations to the existing building other than those indicated in this permit that would change or affect the water supply or wastewater system 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. No construction is allowed that will cause non-compliance with an existing permit.

1.7 This project/lot is approved for the construction of one, two bedroom single family residence. No alterations to the existing building other than those indicated in this permit that would change or affect the water supply or wastewater system 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. 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 The existing four bedroom single family residence is authorized to utilize the existing on-site water supply system for **490 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".

2.2 The proposed two bedroom single family residence is approved for a potable water supply using a drilled or percussion bedrock well for **280 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 The components of the potable water supply herein approved for the proposed two bedroom single family residence 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.

2.4 The potable water source location as shown on the stamped plan(s) for the proposed two bedroom single family residence 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.

3.WASTEWATER DISPOSAL

3.1 The existing four bedroom single family residence is approved with an existing wastewater system for **490 gallons** per day. No changes shall be made to the existing wastewater system unless prior approval is obtained

from the Drinking Water and Groundwater Protection Division. Should the system fail and not qualify for the minor repair or replacement exemption, the landowner shall engage a qualified Licensed Designer to evaluate the cause of the failure and to submit an application to the Drinking Water and Groundwater Protection Division and receive written approval prior to correcting the failure.

3.2 The proposed two bedroom single family residence is approved for the disposal of wastewater in accordance with the design depicted on the stamped plan(s) for **280 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 components of the sanitary wastewater system herein approved for the proposed two bedroom single family 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.

3.4 The corners of the proposed primary wastewater area(s) for the proposed two bedroom single family shall be accurately staked out and flagged prior to construction with the flagging/staking being maintained until construction is complete.

3.5 The proposed two bedroom single family residence is approved for the mound wastewater system 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.

3.6 The wastewater systems 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.

3.7 No buildings, roads, water lines, earthwork, re-grading, excavation or other construction that might interfere with the installation or operation of the wastewater systems are allowed on or near the site-specific wastewater 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 system.

3.8 All conditions set forth in **Permit Number WW-4-3810** shall remain in effect except as amended or modified herein.

Emily Boedecker, Commissioner
Department of Environmental Conservation

Dated March 27, 2018

By

William Zabiloski
Assistant Regional Engineer
Essex Junction Regional Office
Drinking Water and Groundwater Protection Division

cc: Green Mountain Engineering
Town of Underhill Planning Commission