VERMONT

DOCUMENTS FOR RECORDING

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): Clark W. Hinsdale III
Meadowside Drive Lot 1
Charlotte, VT 05445

Permit Number: WW-138-1702
PIN: EJ17-0104

This permit affects property identified as Town Tax Parcel ID 00022-0839 referenced in a deed recorded in Book 188 Page(s) 657-675 of the Land Records in Charlotte, Vermont.

This project, consisting of design for a 4 bedroom single family dwelling on the Clark Hinsdale III lot in Charlotte, Vermont. There was also a boundary line adjustment between the Burns/Heath lot and the Hinsdale lot. The Burns/Heath lot has existing water and septic systems in place, as well as a complying replacement area; it can be approved for a boundary line adjustment. The rest of this permit will address installation of new water supply and waste water systems on the Hinsdale lot. This project 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 Stephen Revell of Lincoln Applied Geological, Inc. , with the stamped plans listed as follows:

Sheet Number	Title	Plan Date	Plan Revision Date
1 of 4	Site Plan Showing Proposed Boundary Line Adjustment & Water/Wastewater Systems 1	02/01/2017	4/21 /2017
2 of 4	Blow-Up of Proposed Water & Wastewater Systems 2	02/01/2017	/ /
3 of 4	Proposed Water & Wastewater Systems Details 3	02/01/2017	/ /
4 of 4	Pressure Distribution & Mound Dimension Details	02/10/2017	/ /

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.

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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.

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 is approved for the construction of one single family-residence with maximum of 4 bedrooms and maximum of seven residents on the existing lot. 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. 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.

1.7 By acceptance of this permit, the landowner agrees to allow representatives of the State of Vermont access to the property subject to this permit, at reasonable times, for the purpose of ascertaining compliance with Vermont environmental/health statutes, regulations, and permit conditions, including performing an inspection of the wastewater disposal and water supply systems serving the structure.

1.8 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 On the Hinsdale lot this project is approved for a potable water supply using a drilled or percussion 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".

2.2 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.

2.3 The water source location 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.

3.WASTEWATER DISPOSAL

3.1 This project is approved for the disposal of wastewater in accordance with the design depicted on the stamped plan(s) for a maximum of 490 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 The Lot is approved for the mound wastewater disposal systems provided the mound is constructed in strict accordance with the following conditions:

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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.

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

3.4 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.

Emily Boedecker, Commissioner
Department of Environmental Conservation

By _____
Joseph Rheaume
Sewage Officer
Town of Charlotte

Dated the 4th day of May, 2017.

c Brian Tremback, Lamoureux & Dickinson Consulting Engineers, Inc. *via email*
Stephen Revell of Lincoln Applied Geological, Inc. via email
Clark Hinsdale III
Drinking Water and Groundwater Protection Division *via email*