

### **3. WASTEWATER DISPOSAL**

- 3.1 Lot 1=3.0 acres is approved for the disposal of wastewater in accordance with the pressurized in-ground absorption trench-type system design depicted on the stamped plans for a maximum design flow capacity of **420 gallons** of wastewater per day. The system 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 Lot 2=10.4 acres is approved for the disposal of wastewater in accordance with the mound-type system design depicted on the stamped plans for a maximum design flow capacity of **420 gallons** of wastewater per day. The system 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 wastewater disposal systems, herein approved for Lot 1 and Lot 2, shall be routinely and reliably inspected during construction by a Vermont Licensed Class 1 or Class B Designer who shall, upon completion and prior to occupancy of the associated buildings, report in writing to the Drinking Water and Groundwater Protection Division that the system installations were 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 disposal system for Lot 1=3.0 acres shall be accurately staked out and flagged prior to construction with the flagging/staking being maintained until construction is complete.
- 3.5 A future replacement wastewater disposal area for Lot 1=3.0 acres has been identified on the stamped plans. There shall be no construction or other activities that would impact the suitability of this replacement area for wastewater disposal. Should the approved 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.
- 3.6 Lot 2=10.4 acres is approved for a mound-type wastewater disposal 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 Class 1 or Class B 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 material, the installation and testing of the distribution piping, final grading of the mound including side slopes, and pump station installation; and
  - c. The construction of the mound shall adhere to the guidelines set forth in Section 1-913(f) of the above referenced rules.
- 3.7 The wastewater disposal system approved for Lot 2=10.4 acres is designed using the performance-based approach. The use of a performance-based wastewater disposal system requires that annual inspections be performed by a qualified Vermont Licensed Designer starting when the system is initially placed in use and continuing for the first three years of operation. The field inspections shall be performed in April or May and a written report shall be submitted to the landowner and the Drinking Water and Groundwater Protection Division by June 15th of each year. The inspections shall consist of an evaluation of the wastewater disposal system and the surrounding area within 25' of the system noting any potential indication of failure.
- 3.8 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.

- 3.9 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  \_\_\_\_\_ Dated July 16, 2015  
Elias J. Erwin, Assistant Regional Engineer  
Rutland Regional Office  
Drinking Water and Groundwater Protection Division

cc Rupert Planning Commission  
Timothy A. Chmielewski, P.E.

**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: Brian Gorlo  
6284 Main Street  
Stratford, CT 06614**

**Permit Number: WW-8-1696**

This permit affects property identified as Town Tax Parcel ID # Rupert: 141 referenced in a deed recorded in Book 68, Pages 514-516 of the Land Records in Rupert, Vermont.

This project, consisting of the proposed development of two (2) separate parcels includes constructing a new three (3) bedroom single family residence on Lot 1=3.0 acres and on Lot 2=10.4 acres, with each residence served by individual on-site water supply and wastewater disposal systems, located on Ebenville Road in Rupert, Vermont is hereby approved under the requirements of the regulations named above and subject to the following conditions.

**1. GENERAL**

- 1.1 This project shall be completed as shown on the application, plans and/or documents prepared by Timothy A. Chmielewski, L.S. of Action Surveying with the plans stamped by the Drinking Water and Groundwater Protection Division listed as follows:

| Sheet Number | Title   | Plan Date | Plan Revision Date |
|--------------|---|-----------|--------------------|
| C-0408       | Brian Gorlo Site Plan-Septic Design Northerly side  | 6/20/2015 | / /                |
| C-0409       | Brian Gorlo Site Plan- Septic Design Southerly side | 6/30/2015 | 7/14/2015          |
| C-0410       | Brian Gorlo Detail sheet Northerly side             | 6/30/2015 | / /                |

- 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 Rupert 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 Rupert 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 1=3.0 acres is approved for the construction of a new three (3) bedroom single family residence. 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.
- 1.7 Lot 2=10.4 acres is approved for the construction of a new three (3) bedroom single family residence. 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 The Division relied upon the Vermont Licensed Designer's certification that the design-related information submitted is true and correct and complies with the Wastewater System and Potable Water Supply Rules and the Vermont Water Supply Rules. This permit may be revoked if it is determined that the project does not comply with these rules.
- 1.9 Each purchaser of any portion of this project shall be shown a copy of the Wastewater System and Potable Water Supply Permit and the stamped plans, if applicable, prior to conveyance of any portion of the project to that purchaser.
- 1.10 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.
- 1.11 Any person aggrieved by this permit may appeal to the Environmental Court within thirty (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 Lot 1=3.0 acres is approved for a potable water supply using a drilled or percussion bedrock well for a maximum design flow capacity of **420 gallons** of water per day provided the supply is located as shown on the stamped plans 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 Lot 2=10.4 acres is approved for a potable water supply using a drilled or percussion bedrock well for a maximum design flow capacity of **420 gallons** of water per day provided the supply is located as shown on the stamped plans 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 supplies, herein approved for Lot 1 and Lot 2, shall be routinely and reliably inspected during construction by a qualified Vermont Licensed Designer who shall, upon completion and prior to occupancy of the associated buildings, 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 water source locations as shown on the stamped plans for Lot 1 and Lot 2 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.