

### **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.

**State of Vermont**  
**Department of Environmental Conservation**  
**Drinking Water and Groundwater Protection Division**

*Agency of Natural Resources*

Rutland Regional Office

450 Asa Bloomer State Office Building

88 Merchants Row

Rutland, VT 05701-5903

[www.septic.vt.gov](http://www.septic.vt.gov)

[phone] 802-786-5900

[fax] 802-786-5915

Brian Gorlo

6284 Main Street

Stratford CT 06614

RE: WW-8-1696

Town of Rupert

*July 16, 2015*

Enclosed are two copies of the above referenced permit. You must file this permit with your town clerk within 30 days of issuance.

Please take the items stamped "**DOCUMENTS FOR RECORDING**" and the correct fee (\$10.00 per page) to your town clerk.

Thank you for your cooperation. If you have any questions, please contact me at the above address.

Sincerely,



~~Karen L. Phillips~~

Environmental Technician III

ENCLOSURES



Deed Book	Deed Page			
68		514-516		
Fee Type	Gallon Lots	Fee (Gallons)	Fee (Minimum)	Refund Amount
RO2	840	\$580.00	\$0.00	\$0.00

**Project: WW-8-1696**

**Landowner**

Brian Gorlo  
6284 Main Street  
Stratford CT 06614

**PIN:**

**Applicant**

\$ListApplicantsForProject\$

Street/Road: Eberville Road

TownsRupert

Development Name:

Reviewer: Elias Erwin

Project Description: Lot#1=3 acres to be developed with 3 bedroom single family home.  
Lot#2=10.4 acres to be developed with a 3 bedroom single family home.

Received Date: 6/30/2015

Logged Date: 7/01/2015

Reviewed Date: 7/13/2015

Response Date: 7/13/2015 ✓ *KEP*

Final Action Date: 7/16/2015

Final Action Type: P

Number of Lots Approved: 0 *ACV*

Consultant:

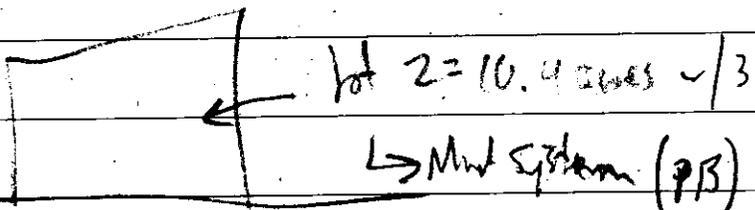
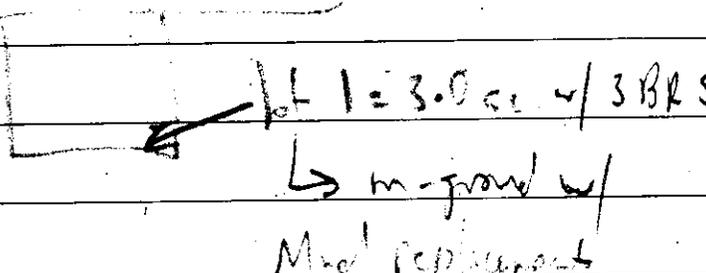
Timothy A. Chmielewski, S.T.

PROJECT CHRONOLOGY SHEET

ID # WW-8-1696

PIN#

eDEC# Brian Garlo - Elizaville Rd. Rupert, VT

DATE	STAFF NAME	COMMENTS/ACTION
7/13	E <sup>2</sup>	Application Review
	RSK GB/p.	<p>Lot 1 = 3.0 Acres</p> <p>Parcel = D<sup>1</sup> 141</p>
		<p>Lot 2 = 10.4 Acres</p>
		
		
		<p>- Application indicates that construction is within 50' of Class III wetland but plans show <math>\approx 100'</math></p>
		<p>- TP-1 - only 48" to SHGW need 60"</p> <p>- only one (1) perc. test (south lot only)</p>
		<p>- Lot 2 Mnd = 1.5' of sand. (TH-GA = Anal Pa @ 32" H<sub>2</sub>O = 50" &gt; 48"</p> <p>SHGW @ 22" H<sub>2</sub>O = 40" &gt; 36"</p>

OVER

Lot 1 inground = TH-1 = SHGW @ 48" - 24" = 24" < 36"  
 ↳ need shallow placed m-ground system w/ 12" of stone

$$420/0.95 = 442$$

and laterals set at-grade, therefore

$$48'' - 12'' = \textcircled{36''}$$

$$2 - 4' \times 55.5' \text{ c/s} =$$

- Venice Disposal Field Layout detail = 4" Fortman?

Review LW system for Lot 1 = ~~to~~ 48" (SHOW) - 12" Depth system = 36"  
OK. ✓

**State of Vermont**  
**Department of Environmental Conservation**  
**Drinking Water and Groundwater Protection Division**

*Agency of Natural Resources*

Rutland Regional Office

450 Asa Bloomer State Office Building

88 Merchants Row

Rutland, VT 05701-5903

[www.septic.vt.gov](http://www.septic.vt.gov)

[phone] 802-786-5900

[fax] 802-786-5915

July 1, 2015

Brian Gorlo

6284 Main Street

Stratford CT 06614

RE: WW-8-1696, Lot#1=3 acres to be developed with 3 bedroom single family home.  
Lot#2=10.4 acres to be developed with a 3 bedroom single family home., Ebeville Road, Rupert

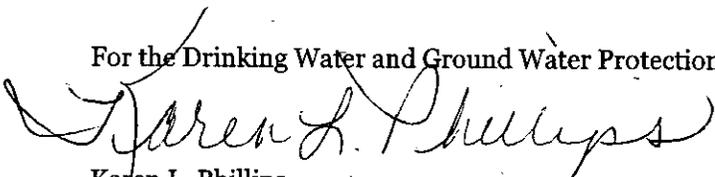
Dear Applicant:

We received your completed application for the above referenced project on June 30, 2015, including a fee of \$580.00 paid by check #8670. Under the performance standards for this program, we have a maximum of 45 days of "in-house" time to review your application. Elias Erwin has been assigned to review your project. If we require further information from you to make a decision, the time until we receive it is not included in the in-house performance standards.

If you have any questions about the review process, or if you have not received a decision on your application within the 45 in-house days, please contact this office.

We have forwarded the information contained in your application to the Permit Specialist for this region. A Project Review Sheet will be sent to you indicating other state agencies and departments you should contact regarding additional permits or approvals you may need under their programs. If you have not already done so, you should also check with town officials about any necessary town permits.

For the Drinking Water and Ground Water Protection Division.



Karen L. Phillips  
Environmental Technician II

cc:

Rupert Planning Commission

Timothy A. Chmielewski, S.T.



**ACTION SURVEYING**  
**Land Surveying & Septic System Design**  
**15 MILL POND ROAD**  
**WELLS, VERMONT 05774**  
**1-802-645-9436**

**State of Vermont**  
**A.N.R., D.E.C.**  
**Wastewater Management Division**  
**450 Asa Bloomer State Office Bldg'**  
**Merchants Row**  
**Rutland, Vt. 05701-5903**

JUL 15 2015

*July 15, 2015*

**Re: revised septic design +/-3 acre parcel (WW-8-1696)**

Elias Erwin,

Enclosed are (2) revised copies of the site plan and septic design for the +/-3.0 acre parcel of the Brian Gorlo permit application (WW-8-1696), that we discussed. Per our conversation I have changed the primary in-ground disposal field to a shallow system. I have reduce the amount of stone under the distribution pipe from 18" to 12" and have extended the length of the trenches by 15' to accommodate the reduction in the depth of stone

Please let me know if you have any further questions or comments concerning this project!

Sincerely,

Timothy A. Chmielewski Type "B" designer no. 439



**ACTION SURVEYING**  
**Land Surveying & Septic System Design**  
**15 MILL POND ROAD**  
**WELLS, VERMONT 05774**  
**1-802-645-9436**

**State of Vermont**  
**A.N.R., D.E.C.**  
**Wastewater Management Division**  
**450 Asa Bloomer State Office Bldg'**  
**Merchants Row**  
**Rutland, Vt. 05701-5903**

*June 30, 2015*

**Re:** *Brian Gorlo permit application*

To Whom it May Concern,

Enclosed is a permit application for the approval of the development of (2) individual lots located on Ebenville Rd. in Rupert, Vt. owned by the applicant. Both lots are under a single deed as recorded in the Rupert town clerks office in book 68 pages 514-516.

The first lot is located on the southerly side of Ebenville Rd. (+/- 3 acres) and would be developed with a single-family 3-bedroom house with proposed on-site drilled bedrock well and proposed on-site in-ground primary wastewater disposal field. A proposed replacement mound area has been identified for the replacement septic area.

The second parcel is located on the northerly side of Ebenville Rd. (+/-10.4 acres) and would be developed with a 3-bedroom single-family house with proposed on-site drilled bedrock well and on-site mound type wastewater disposal field. The land on the north side of the road is subject to a class III wetland – please refer to the copy of the attached e-mail from Julie Foley ( district wetland ecologist ) dated 05 Nov. 2014 in regards to a site visit made on 10/8/2014.

Soil testing was conducted on July 02, 2014 in the presence of Tim Chmielewski (designer) and Jeff Lourie (backhoe). The testing was conducted on the southerly side of the road. A second round of testing was conducted on May 18, 2015 in the presence of Tim Chmielewski (designer), Elias Erwin (state), Jeff Lourie (backhoe). The testing was conducted primarily on the northerly side of the road with (1) test hole on the southerly side.

Included with the application are the following documents:

- (2) copies of the site plans and septic design (Sheet C-0408, C-0409 & C-0410)
- (1) copy of the completed permit application with permit fee of \$580.00
- (1) location site map
- (1) signed Act145 certification statement
- (1) copy of certified mail receipt dated 23 June 2015
- (1) copy of the soil test pit logs (test date: 02 July 2014)
- (1) copy of the soil test pit logs (test date: 18 May 2015)
- (1) copy of the per test data
- (1) copy of the e-mail from Julie Foley in regards to the mapped wetlands

Please let me know if you have any questions or comments concerning this project!

Sincerely,

Timothy A. Chmielewski Type "B" designer no. 439

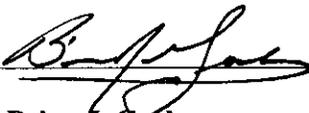


**ANR Form 4: Certification Statement for Notification of Overshadowed Property Owner(s) pursuant to the Wastewater System and Potable Water Supply Program**

A person submitting an application to the Secretary for a Wastewater System and Potable Water Supply Permit where the proposed project has isolation distances (overshadowing) that extend onto property owned by persons other than the permit applicant shall submit the following certification with the application.

Note: When the property subject to the permit application is owned by more than one person, only one of the landowners must sign this certification statement even though all landowners must sign the permit application itself.

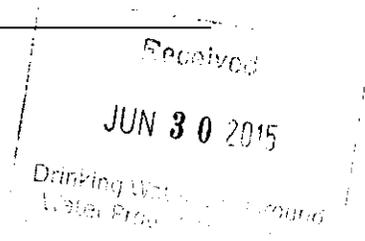
**I hereby certify that the individual(s) that own property that is overshadowed by my proposed project have been sent by certified mail a copy of the required notification form and the site plan(s) that accurately depicts all isolation distances. I also certify that I attached to this certification form a copy of all certified mail receipts for notifications that were sent to the affected property owners.**

Signature 

Name (Printed): **Brian J. Gorlo**

Property Address or Property Tax ID # **781 Ebenville Rd**

Date of this certification: **30 June 2015**



Please list all of the property owners who were sent a notification by certified mail.

**Affected Property Owner(s) – (Please provide a second sheet using this format when there are more than three affected property owners)**

Name: **Vincent Zujewski**

Address: **28 Hebron Rd.**

**Andover, Ct. 06232**

Name: **Thomas & Arlene Bentley**

Address: **P.O. Box 137**

**W. Rupert, Vt. 05776**

Name \_\_\_\_\_

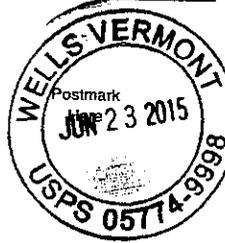
Address \_\_\_\_\_

7012 1010 0001 4445 8949

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**CERTIFIED MAIL™ RECEIPT**  
(Domestic Mail Only; No Insurance Coverage Provided)

For delivery information visit our website at [www.usps.com](http://www.usps.com)

Postage	\$ 1.42
Certified Fee	3.45
Return Receipt Fee (Endorsement Required)	
Restricted Delivery Fee (Endorsement Required)	
Total Postage & Fees	\$ 4.87



Sent To  
VINCENT ZUJEWSKI JR.  
Street, Apt. No.,  
or PO Box No. 28 HEBRON RD.  
City, State, ZIP+4  
ANDOVER CT 06232

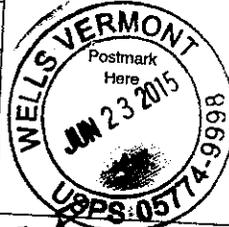
PS Form 3800, August 2006 See Reverse for Instructions

7012 1010 0001 4445 8932

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For delivery information visit our website at [www.usps.com](http://www.usps.com)

Postage	\$ 1.42
Certified Fee	3.45
Return Receipt Fee (Endorsement Required)	
Restricted Delivery Fee (Endorsement Required)	
Total Postage & Fees	\$ 4.87



Sent To  
THOMAS & ARLENE BENTLEY  
Street, Apt. No.,  
or PO Box No. P.O. Box 137  
City, State, ZIP+4  
W. RUPERT VT 05776

PS Form 3800, August 2006 See Reverse for Instructions

Received  
JUN 30 2015  
Drinking Water is Ground  
Water From Our Mountain

**ACTION SURVEYING**  
**Land Surveying & Septic System Design**  
**15 MILL POND ROAD**  
**WELLS, VERMONT 05774**  
**1-802-645-9436**

Brian Gorlo  
6284 Main Street  
Stratford, Ct. 06614

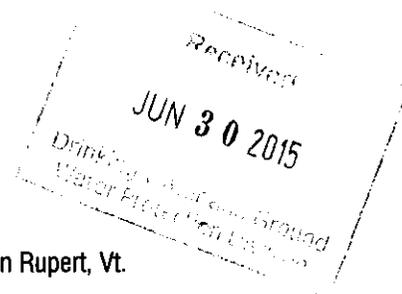
July 9, 2014

Re: Soil test results for wastewater disposal system located on the southerly side of Ebenville Rd. in Rupert, Vt.

Test date: 02 July 2014

Weather: +/-76 deg. F., overcast

On site: Tim Chmielewski " designer no. 439 " – Jeff Lourie " backhoe " – Don Lewis " owner representative "



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**Test Hole# 1** ( 10-15% estimated slope )

00" – 02"	decomp layer / forest floor							
02" – 07"	10yr 3/3 (dk brown)	loamy topsoil	loose	dry	subangular blocky	no staining	observed	
07" – 18"	10yr4/4 (dk yellowish brown)	very fine sandy loam	loose	dry	subangular blocky	no staining	observed	
18" – 48"	10yr5/4 (yellowish brown)	cobbly fine sandy loam	loose	moist	subangular blocky	no staining	observed	
48" – 52"	2.5y6/2 (lt brownish gray)	silty loam	firm/friable		subangular blocky	common mottles		

**Impervious layer:** none to depth

**Estimated seasonal high water table (eshwt):** 48"

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**Test Hole# 2** ( 15-20% estimated slope )

00" – 02"	decomp layer / forest floor							
02" – 05"	10yr 3/3 (dk brown)	loamy topsoil	loose	dry	subangular blocky	no staining	observed	
05" – 20"	7.5yr4/6 (strong brown)	very fine sandy loam	loose	dry	subangular blocky	no staining	observed	
20" – 44"	10yr5/4 (yellowish brown)	cobbly fine sandy loam	loose	moist	subangular blocky	no staining	observed	
44" – 52"	2.5y6/2 (lt brownish gray)	silty loam	firm/friable	dry	subangular blocky	common mottles		

**Impervious layer:** none to depth

**(eshwt):** 44"

---

**Test Hole# 3** ( 15-20% estimated slope )

00" – 02"	decomp layer / forest floor							
02" – 05"	10yr 3/3 (dk brown)	loamy topsoil	loose	dry	subangular blocky	no staining	observed	
05" – 26"	10yr4/3 (brown)	fine sandy loam	loose	moist	subangular blocky	no staining	observed	
26" – 36"	2.5y6/2 (lt brownish gray)	silty loam	firm/friable	dry	subangular blocky	common mottles		

**Impervious layer:** none to depth

**(eshwt):** 26"

---

# Drinking Water & Groundwater Protection Division - Permit Application Wastewater System & Potable Water Supply



**For Office Use Only:**

Application# <b>WW-8-1696</b>	PIN#	Date Complete Application Received <b>JUN 30 2015</b>
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**Authority:**  
10 V.S.A. Chapter 64, the Environmental Protection Rules, Chapter 1, Wastewater System & Potable Water Supply Rules, and Chapter 21, Water Supply Rules, Appendix A. Part 11 - Small Scale Water Systems.

**General Information:**

The organization and/or content of this form may not be altered, however, the form is designed to expand to allow additional information to be entered. Changes in the organization and/or content of the form may result in an invalid application or permit.

In most cases a licensed designer will be required for your project and to help complete this application form. There are also line-by-line instructions available to assist with completing this form.

**NOTE: We strongly suggest referring to the application instructions while completing this application form.**

## Part I Applicant (Landowner) & Project Contact Information

### Section A - Applicant Details (if Landowner is an Individual or Individuals)

1 Last Name <b>Gorlo</b>		2 First Name (and Middle Initial if appropriate) <b>Brian</b>	
3 Mailing Address Line 1 <b>6284 Main Street</b>		4 Mailing Address Line 2	
5 Town/City <b>Stratford</b>	6 State/Province <b>Ct</b>	7 Country <b>United States</b>	8 Zip/Postal Code <b>06614</b>
9 Email Address <b>bgorlo@yahoo.com</b>			10 Telephone <b>203-394-7652</b>

**Remove This Applicant**

**Add Another Applicant**

### Section B - Applicant Details (if Landowner is other than an Individual or Individuals, e.g. Corporations, Homeowner's Associations, etc.)

1 Registered Legal Entity or Organization Name			2 Telephone
3 Mailing Address Line 1			4 Mailing Address Line 2
5 Town/City	6 State/Province	7 Country <b>United States</b>	8 Zip/Postal Code

**Certifying Official**  
The Certifying Official must be a person who is authorized to sign on behalf of the Applicant.

9 Certifying Official Last Name		10 Certifying Official First Name (and MI if appropriate)	
11 Certifying Official Title			
12 Certifying Official Email Address			13 Telephone

**Remove This Applicant**

**Add Another Applicant**



**Section B - Center of Property GPS Coordinates**

1 Enter the approximate center of property coordinates using GPS set for NAD83 or as derived from a map (map must be based on NAD83).

(a) Latitude  
(in decimal degrees to five decimal places, ex. 44.38181°)

(b) Longitude  
(in decimal degrees to five decimal places, ex. -72.31392°)

N  °

W (-)  °

**Part IV Project Information**

**Section A - General Project Information & Questions**

1 Project Name (if applicable)

2 Total Acreage of Property

3 Business Name (if applicable)

4 Detailed Project Description

- proposed single-family 3-bedroom house & on-site water supply and wastewater disposal north side of Rd.  
- proposed single-family 3-bedroom house & on-site water supply and wastewater disposal south side of Rd.

5 (a) Were all existing buildings or structures, campgrounds, and their associated potable water supplies and wastewater systems substantially completed before January 1, 2007? .....  Yes  No

(b) Were all existing improved and unimproved lots in existence before January 1, 2007? .....  Yes  No

6 Does this application include subdividing the property? .....  Yes  No

7 Has anyone from the Drinking Water & Groundwater Protection Division's Regional Office been to the property? .....  Yes  No

If Yes, enter the staff person's name and the date of the visit.

(a) Name of Staff Person

(b) Date of Visit (m/d/yyyy)

8 Will any construction occur within 50 feet of a wetland boundary, mapped or designated? .....  Yes  No

If Yes, contact the Wetlands Program of the Watershed Management Division at (802) 338-4835.

9 Will more than one acre be disturbed during the entire course of construction, including all lots and phases? .....  Yes  No

If Yes, contact the Stormwater Program of the Watershed Management Division at (802) 241-4320.

10 Will there be any stream crossings by roads, utilities, or other construction? .....  Yes  No

If Yes, contact the River Corridor Mgmt. Program of the Watershed Management Division at:

Central & Northwest Vermont ..... (802) 879-5631  
Southern Vermont ..... (802) 786-5906  
Northeastern Vermont ..... (802) 751-0129

11 Is the project located in a special flood hazard area as designated on the flood insurance maps prepared for a municipality by the Federal Emergency Management Agency? .....  Yes  No

If Yes, show the special flood hazard area limits on the site plan.

12 Act 250: Has the Applicant (Landowner) subdivided any other lots of any size within a five mile radius of this subdivision, or within the environmental district within the last five years? .....  Yes  No

If Yes, enter the town(s) and the associated number of lots in the table below:

a. Town	b. Number of Lots
<input checked="" type="checkbox"/>	<input type="text"/>

Add Another Town/Lot

13 Is there any prior Act 250 jurisdiction on the tract of land? .....  Yes  No

If Yes, enter the Act 250 permit number:

(a) Act 250 Permit Number

*[Handwritten signature]*

**Section B - Project Deed Reference**

1 Please provide the Town, Parcel ID, Book, and Page reference for the current landowner's deed(s) to this property:

(a) Town	(b) Parcel ID	(c) Book	(d) Page(s)
<input checked="" type="checkbox"/> Rupert	141	68	514-516

Add Another Deed Reference

Receipt  
JUN 30 2015  
Drinking Water and Wastewater Projects

**Section C - Project Plan Reference**

1 Please provide the following information for all water supply and wastewater disposal system plans being submitted.

(a) Sheet#	(b) Title	(c) Plan Date	(d) Plan Revision Date
<input checked="" type="checkbox"/> C-0408	Brian Gorlo Site Plan - Septic Design Northerly Side....	June 2015	
<input checked="" type="checkbox"/> C-0409	Brian Gorlo Site Plan - Septic Design Southerly Side....	June 2015	
<input checked="" type="checkbox"/> C-0410	Brian Gorlo Detail Sheet Northerly Side.....	June 2015	

Add Another Plan Reference

**Section D - Existing Project Lot/Building Details**

Please provide the existing project details. This section is used to describe what is existing for the project. For example, if you are subdividing an undeveloped 21-acre parcel, you would list the existing parcel. If you are revising the boundary lines of two commercial lots in an industrial park, and constructing an addition to an existing building you would list the existing lot numbers, existing acres, existing buildings, existing uses, construction date(s), prior permits, and answer the compliance questions.

1 Lot#	2 Lot Size (acres)	3 Existing Use of the Lot
	10.4	None

4 Provide the following information for each building on the lot:

(a) Building ID	(b) Existing Use	(c) Date Construction of Building Substantially Complete	(d) Prior Permits	(e) In compliance with existing permits?
<input checked="" type="checkbox"/>	None		none	<input type="radio"/> Yes <input type="radio"/> No

Add Another Building

Remove This Lot

1 Lot#	2 Lot Size (acres)	3 Existing Use of the Lot
	3	Undeveloped

4 Provide the following information for each building on the lot:

(a) Building ID	(b) Existing Use	(c) Date Construction of Building Substantially Complete	(d) Prior Permits	(e) In compliance with existing permits?
<input checked="" type="checkbox"/>	Undeveloped		none	<input type="radio"/> Yes <input type="radio"/> No

Add Another Building

Remove This Lot

Add Another Lot

**Section E - Proposed Project Lot/Building Details**

This section is used to describe what you are proposing to do in this project. For example, if you were going to create 4 lots for construction of single family residences, you would list each lot, proposed acreage, proposed buildings, and proposed use.

1 Lot#	2 Lot Size (acres)	3 Proposed Use of the Lot	
	10.4	residential	
4 Is the lot being created as part of a subdivision? .....		<input type="radio"/> Yes <input checked="" type="radio"/> No	
5 Are you requesting that the Blood, Marriage, or Civil Union special fee be applied to this lot? .....		<input type="radio"/> Yes <input checked="" type="radio"/> No	
6 If the lot is exempt, please indicate the specific exemption from the Wastewater System and Potable Water Supply Rules? .....		N/A	
7 Provide the following information for each building on the lot:			
(a) Building ID	(b) If building is exempt indicate exemption	(c) Construction or increased flow?	(d) Proposed Use
<input checked="" type="checkbox"/> house 1		<input type="checkbox"/>	residential
<b>Add Another Building</b>			

<b>Remove This Lot</b>			
1 Lot#	2 Lot Size (acres)	3 Proposed Use of the Lot	
	3	residential	
4 Is the lot being created as part of a subdivision? .....		<input type="radio"/> Yes <input checked="" type="radio"/> No	
5 Are you requesting that the Blood, Marriage, or Civil Union special fee be applied to this lot? .....		<input type="radio"/> Yes <input checked="" type="radio"/> No	
6 If the lot is exempt, please indicate the specific exemption from the Wastewater System and Potable Water Supply Rules? .....		N/A	
7 Provide the following information for each building on the lot:			
(a) Building ID	(b) If building is exempt indicate exemption	(c) Construction or increased flow?	(d) Proposed Use
<input checked="" type="checkbox"/> house 2		<input type="checkbox"/>	residential
<b>Add Another Building</b>			
<b>Remove This Lot</b>			

**Add Another Lot**

**Part V Water Supply Information**

**Section A - Water Supply Screening Questions**

1 Are you proposing a new water supply or water service line or changes to a permitted but not constructed water supply or water service line for this project? .....  Yes  No

2 Are you proposing changes to an existing water supply or water service for this project (including changes to location, design flows, or operational change)? .....  Yes  No

3 Is there an existing connection to a water supply or water service line for this project? .....  Yes  No

Complete Part V by answering all questions. If the answer to questions 4 and 5 is "No" (existing or proposed water supply), skip to Part VI.

**Section B - General Water Supply Questions**

1 Does this project involve a failed water supply? .....  Yes  No

2 Will any of the proposed water sources serve 25 or more people or have 15 or more service connections? .....  Yes  No

If Yes, the applicant must contact the Drinking Water & Groundwater Protection Division at (802) 241-3400 for source, construction and an operating permit.

3 Are any of the existing or proposed water sources located within a special flood hazard area? .....  Yes  No

4 Are any of the existing or proposed water sources located within a floodway? .....  Yes  No

5 Are any of the proposed water sources located within 1 mile of a hazardous waste site as designated by the Waste Management Division and identified on the Agency mapping website?  Yes  No

If Yes, please submit additional information on the site. The Waste Management Division can be reached at (802) 241-3888.

6 Does this project require an approval letter from the Drinking Water & Groundwater Protection Division for the construction of a public water system, municipal water line extension over 500 feet, or hydrants or sprinkler systems?  Yes  No

If Yes, please submit a copy of the approval letter from the Drinking Water & Groundwater Protection Division.

7 Does the proposed or existing water supply(ies) use a water treatment device to obtain compliance with the quality requirements in the Water Supply Rule?  Yes  No

If Yes, please submit additional information regarding the constituent(s) that exceeds the standards and plans, details, and specifications of the treatment device.

8 Is any portion of the proposed water supply located in or near a Water Source Protection Area as designated by the Drinking Water & Groundwater Protection Division?  Yes  No

If in areas of known interference issues, contact the Drinking Water & Groundwater Protection Division at (802) 241-3400.

**Section C - Individual Water Supply Details**

Please provide the following information for each of the existing and proposed water supply(ies) serving a building or structure, or campground on the property.

1 Water Supply Name/Identifier house 1 well	2 Water Supply Owner (if not Applicant)
3 Water Source Type Non-Public Drilled Bedrock Well	4 Type of Change to Supply New System

5 Lots/Buildings Served by this Water Supply System

(a) Lot#	(b) Building ID	(c) Type of Change to the Building's Supply	Design Flows (Gallons Per Day)			(g) Rule or Meter Based Flows
			(d) Existing	(e) Change	(f) Total	
X	house 1	Connection to New System	0	420	420	Rule-based
Add Another Lot/Building Served by this Supply			6	7	8	
			0	420	420	

9 Is this water supply located off-lot?  Yes  No

10 Is this water supply shared?  Yes  No

If the water supply is located off-lot or shared, submit a copy of the agreement to provide an easement prior to construction.

11 Is a variance being requested for this water supply?  Yes  No

If Yes, please submit additional details related to the variance request.

**Remove This Water Supply**

1 Water Supply Name/Identifier house 2 well	2 Water Supply Owner (if not Applicant)
3 Water Source Type Non-Public Drilled Bedrock Well	4 Type of Change to Supply New System

5 Lots/Buildings Served by this Water Supply System

(a) Lot#	(b) Building ID	(c) Type of Change to the Building's Supply	Design Flows (Gallons Per Day)			(g) Rule or Meter Based Flows
			(d) Existing	(e) Change	(f) Total	
X	house 2	Connection to New System	0	420	420	Rule-based

Add Another Lot/Building Served by this Supply

6	7	8
0	420	420

9 Is this water supply located off-lot?  Yes  No

10 Is this water supply shared?  Yes  No

*If the water supply is located off-lot or shared, submit a copy of the agreement to provide an easement prior to construction.*

11 Is a variance being requested for this water supply?  Yes  No

*If Yes, please submit additional details related to the variance request.*

Remove This Water Supply

Add Another Water Supply

**Section D - Water Supply Design Flows Summary Table**

1 If the project includes more than one water supply, please list each water supply system and provide the total water supply design flows for the project. **IMPORTANT:** Please don't include systems that were identified in this Part on Section C, Line 4 as a "Replacement Area Designation" in this summary table.

		Design Flows (Gallons Per Day)		
(a) Water Supply Name Identifier		(c) Existing	(c) Change	(d) Total
X	house 1 well	0	420	420
X	house 2 well	0	420	420
		2	3	4
		0	840	840

Add Another Water Supply

**Part VI Wastewater Disposal System Information**

**Section A - Wastewater Disposal System Screening Questions**

1 Are you proposing a new or replacement wastewater disposal system, a new wastewater service line, or changes to a permitted but not constructed wastewater disposal system or wastewater service line for this project?  Yes  No

2 Are you proposing changes to an existing wastewater disposal system, replacement wastewater disposal system, replacement area, or wastewater service line for this project (including changes to location, design flows, or operational change)?  Yes  No

3 Is there an existing connection to a wastewater disposal system or wastewater service line for this project?  Yes  No

**Section B - General Wastewater Disposal System Questions**

1 Does this project involve a failed wastewater disposal system?  Yes  No

2 Do any of the systems require a curtain or dewatering drain as part of the design?  Yes  No

3 Is a hydrogeologic study required for this project?  Yes  No

4 For projects using soil-based wastewater systems having a total design flow that exceeds 1,000 gpd, is this project located in a Class A Watershed?  Yes  No  NA

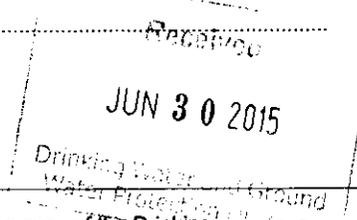
If Yes, indicate the Class A Watershed in which the system(s) is located:

(a) Class A Watershed Name

5 Are there any existing or proposed floor drains as part of this project?  Yes  No

If Yes, indicate where the floor drains will discharge:

(a) Floor Drain Discharge Point



6 If the project utilizes an Innovative/Alternative System or Product, has the applicant received a copy of the Drinking Water & Groundwater Protection Division's approval letter?  Yes  No  NA

7 Is any portion of the proposed wastewater disposal system located in or near a Water Source Protection Area as designated by the Drinking Water & Groundwater Protection Division?  Yes  No

If Yes, contact the Drinking Water & Groundwater Protection Division at (802) 241-3400.

**Section C - Individual Wastewater Disposal System Details**

Please provide the following information for each of the existing and proposed wastewater disposal systems serving a building or structure, or campground on the property.

1 Wastewater Disposal System Name/Identifier house 1 septic	2 Wastewater Disposal System Owner (if not Applicant) 
3 Wastewater Disposal System Type Mound	4 Type of Change to System New System

5 Lots/Buildings Served by this Wastewater Disposal System

a: Lot#	b: Building ID	c: Type of Change to the Building's System	Design Flows (Gallons Per Day)				g: Total	h: Rule or Meter Based Flows
			d: Existing	e: Change	f: Infiltration			
X	house 1	Connection to New System	0	420	0	420	Rule-based	
Add Another Lot/Building Served by this System			6	7	8	9		
			0	420	0	420		

10 Is this wastewater disposal system located off-lot?  Yes  No

11 Is this wastewater disposal system shared?  Yes  No

If the wastewater disposal system is located off-lot or shared, submit a copy of the agreement to provide an easement prior to initiation of construction.

12 Is a variance being requested for this wastewater disposal system?  Yes  No

If Yes, please submit additional details related to the variance request.

13 If this wastewater disposal system type is a connection to an Indirect Discharge System, please provide the Indirect Discharge System ID number.

Indirect Discharge System ID Number  
 N/A

14 If this wastewater disposal system type is a connection to a municipal system, please select the town.

Town  
 N/A

15 If this wastewater disposal system is a soil-based system, please select the design approach used.

Design Approach Used  
 Performance Based

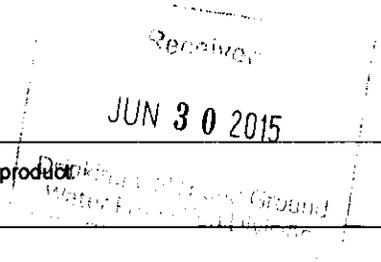
16 For soil-based systems, please check all that apply (Note: Store and dose does not apply to standard pump/pump chamber systems).

Storage and Dose  Filtrate  Constructed Wetlands N/A

17 If this is an Innovative/Alternative soil-based system, please select the system use type.

Innovative/Alternative System Use Type

N/A



18 If this is an Innovative/Alternative soil-based system, please select the Innovative/Alternative system or product.

Innovative/Alternative System or Product

N/A

**Remove This Wastewater System**

1 Wastewater Disposal System Name/Identifier house 2 septic	2 Wastewater Disposal System Owner (if not Applicant)
3 Wastewater Disposal System Type In-ground	4 Type of Change to System New System

5 Lots/Buildings Served by this Wastewater Disposal System

a) Lot#	b) Building ID	c) Type of Change to the Building's System	Design Flows (Gallons Per Day)				d) Rule or Meter Based Flows
			e) Existing	f) Change	g) Infiltration	h) Total	
X	house 2	Connection to New System	0	420	0	420	Rule-based
Add Another Lot/Building Served by this System			6	7	8	9	
			0	420	0	420	

10 Is this wastewater disposal system located off-lot?  Yes  No

11 Is this wastewater disposal system shared?  Yes  No

*If the wastewater disposal system is located off-lot or shared, submit a copy of the agreement to provide an easement prior to initiation of construction.*

12 Is a variance being requested for this wastewater disposal system?  Yes  No

*If Yes, please submit additional details related to the variance request.*

13 If this wastewater disposal system type is a connection to an Indirect Discharge System, please provide the Indirect Discharge System ID number.

Indirect Discharge System ID Number

14 If this wastewater disposal system type is a connection to a municipal system, please select the town.

Town

15 If this wastewater disposal system is a soil-based system, please select the design approach used.

Design Approach Used

16 For soil-based systems, please check all that apply (Note: Store and dose does not apply to standard pump/pump chamber systems).

Storage and Dose     Filtrate     Constructed Wetlands    N/A

17 If this is an Innovative/Alternative soil-based system, please select the system use type.

Innovative/Alternative System Use Type

18 If this is an Innovative/Alternative soil-based system, please select the Innovative/Alternative system or product.

Innovative/Alternative System or Product

N/A

Remove This Wastewater System

Add Another Wastewater System

**Section D - Wastewater Disposal Systems Design Flows Summary Table**

1 If the project includes more than one wastewater disposal system, please list each system on this page and provide the total wastewater disposal design flows for the project. **IMPORTANT:** Please don't include systems that were identified in this Part on Section C, Line 4 as a "Replacement Area Designation" in this summary table.

		Design Flows (Gallons Per Day)			
a. Wastewater Disposal System Name/Identif		b. Existing	c. Change	d. Infiltration	e. Total
X	house 1 septic	0	420	0	420
X	house 2 septic	0	420	0	420
Add Another Wastewater System		2	3	4	5
		0	840	0	840

**Part VII Application Fees**

1 Fee Amount \$580.00

2 Fee Calculation Details

>560 gpd = \$580.00

Received  
 JUN 30 2015  
 Drafting Unit - Ground  
 Water Program

**Part VIII Designer Certification & Copyright License**

**Section A - Certifying Designer 1 Certification & Copyright License**

"I hereby certify that in the exercise of my reasonable professional judgment, the design-related information submitted with this application is true and correct, and that the design included in this application for a permit complies with the Vermont Wastewater System and Potable Water Supply Rules and the Vermont Water Supply Rules.

As the individual who prepared this application, including all documents that are marked as copyrighted, I hereby grant a non-exclusive, limited license to the State to allow the documents to be made available for public review and copying in order to properly implement and operate the permitting programs for Wastewater Systems and Potable Water Supplies, and for no other purposes. As a condition to this license, the State agrees that it will not make any changes to such documents, nor will the State delete any copyright notices on such documents."

1 Check the design(s) you are certifying. This should be the same as the Designer Role(s) you selected in Part II, Section A, Line 13.

- Water Supply Designer
- Wastewater Disposal System Designer

1 Designer 1 Name Timothy A. Chmielewski	2 Designer 1 Signature	3 Signature Date
---	------------------------	------------------

**Section B - Certifying Designer 2 Certification & Copyright License**

"I hereby certify that in the exercise of my reasonable professional judgment, the design-related information submitted with this application is true and correct, and that the design included in this application for a permit complies with the Vermont Wastewater System and Potable Water Supply Rules and the Vermont Water Supply Rules.

As the individual who prepared this application, including all documents that are marked as copyrighted, I hereby grant a non-exclusive, limited license to the State to allow the documents to be made available for public review and copying in order to properly implement and operate the permitting programs for Wastewater Systems and Potable Water Supplies, and for no other purposes. As a condition to this license, the State agrees that it will not make any changes to such documents, nor will the State delete any copyright notices on such documents."

1 Check the design(s) you are certifying. This should be the same as the Designer Role(s) you selected in Part II, Section B, Line 13.

- Water Supply Designer
- Wastewater Disposal System Designer

1 Designer 2 Name	2 Designer 2 Signature	3 Signature Date
-------------------	------------------------	------------------

**Part IX Applicant(s) Signature & Acknowledgements**

In order to insure compliance with the requirements of the regulations administered by the Department of Environmental Conservation, Drinking Water & Groundwater Protection Division, it may be necessary to visit the property. As this would involve a Department employee entering private property, we request your approval to do so.

1 If we do visit your property, do you have any special instructions?

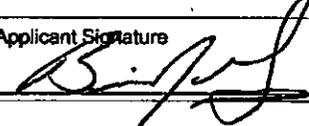
call first

"As landowner of the property for which I am requesting a permit from the Department of Environmental Conservation, I understand that by signing this application I am granting permission for the Department employees to enter the property, during normal working hours, to insure compliance of the property with the applicable rules of the Department.

I also understand that I am not allowed to commence any site work or construction on this project without written approval from the Department of Environmental Conservation.

If my project utilizes an Innovative/Alternative System or Product, I have received a copy of the Drinking Water & Groundwater Protection Division's approval letter and agree to abide by the conditions of the approval.

I also certify that to the best of my knowledge and belief the information submitted above is true, accurate and complete."

<input checked="" type="checkbox"/> 2 Print Applicant Name Brian J. Gorlo	3 Applicant Signature 	4 Signature Date 06/30/2015
--	---	--------------------------------

Add Applicant Signature Block

**Part VIII Designer Certification & Copyright License**

**Section A - Certifying Designer 1 Certification & Copyright License**

"I hereby certify that in the exercise of my reasonable professional judgment, the design-related information submitted with this application is true and correct, and that the design included in this application for a permit complies with the Vermont Wastewater System and Potable Water Supply Rules and the Vermont Water Supply Rules.

As the individual who prepared this application, including all documents that are marked as copyrighted, I hereby grant a non-exclusive, limited license to the State to allow the documents to be made available for public review and copying in order to properly implement and operate the permitting programs for Wastewater Systems and Potable Water Supplies, and for no other purposes. As a condition to this license, the State agrees that it will not make any changes to such documents, nor will the State delete any copyright notices on such documents."

1 Check the design(s) you are certifying. This should be the same as the Designer Role(s) you selected in Part II, Section A, Line 13.

- Water Supply Designer
- Wastewater Disposal System Designer

JUN 30 2015  
 Drinking Water and Groundwater Protection Division  
 Water Protection Section

1 Designer 1 Name Timothy A. Chmielewski	2 Designer 1 Signature 	3 Signature Date 30 JUNE 2015
---	--	----------------------------------

**Section B - Certifying Designer 2 Certification & Copyright License**

"I hereby certify that in the exercise of my reasonable professional judgment, the design-related information submitted with this application is true and correct, and that the design included in this application for a permit complies with the Vermont Wastewater System and Potable Water Supply Rules and the Vermont Water Supply Rules.

As the individual who prepared this application, including all documents that are marked as copyrighted, I hereby grant a non-exclusive, limited license to the State to allow the documents to be made available for public review and copying in order to properly implement and operate the permitting programs for Wastewater Systems and Potable Water Supplies, and for no other purposes. As a condition to this license, the State agrees that it will not make any changes to such documents, nor will the State delete any copyright notices on such documents."

1 Check the design(s) you are certifying. This should be the same as the Designer Role(s) you selected in Part II, Section B, Line 13.

- Water Supply Designer
- Wastewater Disposal System Designer

1 Designer 2 Name	2 Designer 2 Signature	3 Signature Date

**Part IX Applicant(s) Signature & Acknowledgements**

In order to insure compliance with the requirements of the regulations administered by the Department of Environmental Conservation, Drinking Water & Groundwater Protection Division, it may be necessary to visit the property. As this would involve a Department employee entering private property, we request your approval to do so.

1 If we do visit your property, do you have any special instructions?

call first

"As landowner of the property for which I am requesting a permit from the Department of Environmental Conservation, I understand that by signing this application I am granting permission for the Department employees to enter the property, during normal working hours, to insure compliance of the property with the applicable rules of the Department.

I also understand that I am not allowed to commence any site work or construction on this project without written approval from the Department of Environmental Conservation.

If my project utilizes an Innovative/Alternative System or Product, I have received a copy of the Drinking Water & Groundwater Protection Division's approval letter and agree to abide by the conditions of the approval.

I also certify that to the best of my knowledge and belief the information submitted above is true, accurate and complete."

<b>X</b>	2 Print Applicant Name Brian J. Gorlo	3 Applicant Signature	4 Signature Date 06/30/2015
----------	--	-----------------------	--------------------------------

Add Applicant Signature Block

---

**Test Hole# 4** ( 10-15% estimated slope )

00" - 02" decomp layer / forest floor

02" - 05" 10yr 3/3 (dk brown) loamy topsoil loose dry subangular blocky no staining observed

05" - 24" 10yr4/6 (dk yellowish brown) loam loose moist subangular blocky no staining observed

24" - 48" 2.5y5/3 (lt olive brown) cobbly fine sandy loam firm/friable dry subangular blocky common mottles

**Impervious layer:** none to depth

**(eshwt):** 24"

---

**Test Hole# 5** ( 15-20% estimated slope )

00" - 02" decomp layer / forest floor

02" - 05" 10yr 3/3 (dk brown) loamy topsoil loose dry subangular blocky no staining observed

05" - 20" 10yr4/3 (brown) fine sandy loam loose moist subangular blocky no staining observed

20" - 36" 2.5y6/2 (lt brownish gray) silty loam firm/friable dry subangular blocky common mottles

**Impervious layer:** none to depth

**(eshwt):** 20"

---

**Percolation test results:** none to date

**Diameter Hole:**

**Depth:**

**Rate:**

*Timothy A. Chmielewski "B" No. 439*



Received  
JUN 30 2015  
Director  
Forest Resources  
Forest Management

**ACTION SURVEYING**  
**Land Surveying & Septic System Design**  
**121 MILL POND ROAD**  
**WELLS, VERMONT 05774**  
**1-802-645-9436**

**Brian Gorlo**  
**6284 Main Street**  
**Stratford, Ct. 06614**

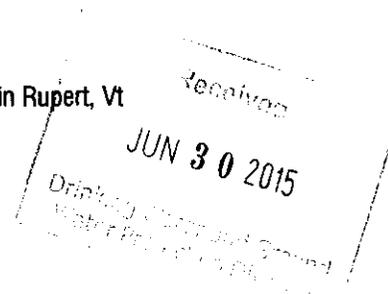
June 26, 2015

**Re:** Soil test results for wastewater disposal system located on North & South side of Ebenville Rd., in Rupert, Vt

Test date: 18 May 2015

Weather: sunny +/-70 deg. F.

On site: Timothy Chmielewski (designer), Jeff Lourie (backhoe) & Elias Erwin (state)



---

**Test Hole# 1A** ( 0-5% estimated slope )

00" - 04"	10yr4/2(dk grayish brown)	silty loam topsoil	loose moist	subangular blocky	no staining observed
04" - 20"	10yr5/6(yellowish brown)	very fine sandy loam	loose dry	subangular blocky	few mottles @ 18"
20" - 36"	2.5y5/1(gray)	hardpan V. firm in place/friable	dry	subangular blocky	common mottles

**Impervious layer:** hardpan @ 20"

**Estimated seasonal high water table (eshwt):** 18"

---

**Test Hole# 2A** ( 15-20% estimated slope )

00" - 06"	10yr4/2(dk grayish brown)	silty loam topsoil	loose moist	subangular blocky	no staining observed
06" - 14"	10yr5/6(yellowish brown)	very fine sandy loam	loose dry	subangular blocky	no staining observed
14" - 20"	2.5y6/3(lt yellowish brown)	very fine sandy loam	loose moist	subangular blocky	common mottles
20" - 36"	2.5y5/1(gray)	hardpan V. firm in place/friable	dry	subangular blocky	common mottles

**Impervious layer:** hardpan @ 20"

**(eshwt):** 14"

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**Test Hole# 3A** ( 10-15% estimated slope )

00" - 08"	10yr4/2(dk grayish brown)	loam topsoil	loose moist	subangular blocky	no staining observed
08" - 12"	10yr5/4(yellowish brown)	loam loose moist	subangular blocky	no staining observed	
12" - 18"	2.5y6/3(lt yellowish brown)	very fine sandy loam	loose moist	subangular blocky	common mottles
18" - 28"	2.5y5/1(gray)	hardpan V. firm in place/friable	dry	subangular blocky	common mottles

**Impervious layer:** hardpan @ 18"

**(eshwt):** 12"

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**Test Hole# 4A** ( 10-15% estimated slope )

00" - 06" 10yr4/2(dk grayish brown) Silt loam topsoil loose moist subangular blocky no staining observed  
06" - 18" 10yr5/4(yellowish brown) loam loose moist subangular blocky no staining observed roots to 18"  
18" - 30" 10yr5/1(gray) hardpan V.firm in place/friable dry subangular blocky common mottles

**Impervious layer:** hardpan @ 18"  
**(eshwt):** 18"

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JUN 30 2015  
D. J. ...  
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**Test Hole# 5A** ( 15-20% estimated slope )

00" - 08" 10yr3/3(dk brown) fine sandy loam topsoil loose dry subangular blocky no staining observed  
08" - 20" 10yr4/6(dk yellowish brown) sandy loam loose dry subangular blocky no staining observed  
20" - 26" 10yr5/1(gray) sandy loam firm in place/friable dry subangular blocky few mottles roots to 26"  
26" - 36" 10yr5/1(gray) hardpan V.firm in place/friable dry subangular blocky common mottles

**Impervious layer:** hardpan @ 26"  
**(eshwt):** 20"

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**Test Hole# 6A** ( 10-15% estimated slope )

00" - 06" 10yr3/3(dk brown) fine sandy loam topsoil loose dry subangular blocky no staining observed  
06" - 22" 10yr4/6(dk yellowish brown) sandy loam loose dry subangular blocky no staining observed  
22" - 32" 10yr5/1(gray) sandy loam firm in place/friable dry subangular blocky few mottles roots to 32"  
32" - 38" 10yr5/1(gray) hardpan V.firm in place/friable dry subangular blocky common mottles

**Impervious layer:** hardpan @ 32"  
**(eshwt):** 22"

---

**Test Hole# 7A** ( 5-10% estimated slope )

00" - 04" 10yr4/3(dk brown) loamy fine sand topsoil loose dry subangular blocky no staining observed  
04" - 36" 10yr4/6(dk yellowish brown) loamy fine sand loose dry subangular blocky no staining observed  
36" - 54" 10yr5/2(grayish brown) gravel loose dry single grain no staining observed

**Impervious layer:** none to depth  
**(eshwt):** none to depth

**Percolation test results:** P1

**Diameter Hole:** 8"

**Depth:** 18"

**Rate:** 10 min. / inch

Timothy A. Chmielewski "B" No. 439



# Action Surveying

Timothy Chmielewski

## Percolation Rate Test Data

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JUN 30 2015

Customer: BRIAN GORLO Date: 21 JUNE 2015

Location: EBENVILLE RD. RUPERT - VT.

INTERVAL	TIME @ BEGINNING OF INTERVAL	TIME AT END OF INTERVAL	FILL TIME (SECONDS)	(t) TIME FOR SPECIFIED DROP (MINUTES)	(T) TOTAL TIME SINCE START OF TEST (MINUTES)	(h) TOTAL DROP SINCE START OF TEST (INCHES)	(dt/dh) MIN/INCH
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TEST NO. P1 SPECIFIED DROP @ INTERVAL (h) = 1" DEPTH (BLS) = 18"  
 DIAMETER OF HOLE = 8" INCHES

1	0:00	2:30	-	2:30	2.50	1"	2.50
2	2:35	5:45	5	3:10	5.75	2"	3.17
3	5:50	9:10	5	3:20	9.17	3"	3.33
4	9:15	12:30	5	3:15	12.50	4"	3.25
5	12:35	16:40	5	4:05	16.67	5"	4.08
6	16:45	21:05	5	4:20	21.08	6"	4.33
7	21:10	25:40	5	4:30	25.67	7"	4.50

TEST NO. \_\_\_\_\_ SPECIFIED DROP @ INTERVAL (h) = \_\_\_\_\_ DEPTH (BLS) = \_\_\_\_\_  
 DIAMETER OF HOLE = \_\_\_\_\_ INCHES


TEST NO. \_\_\_\_\_ SPECIFIED DROP @ INTERVAL (h) = \_\_\_\_\_ DEPTH (BLS) = \_\_\_\_\_  
 DIAMETER OF HOLE = \_\_\_\_\_ INCHES

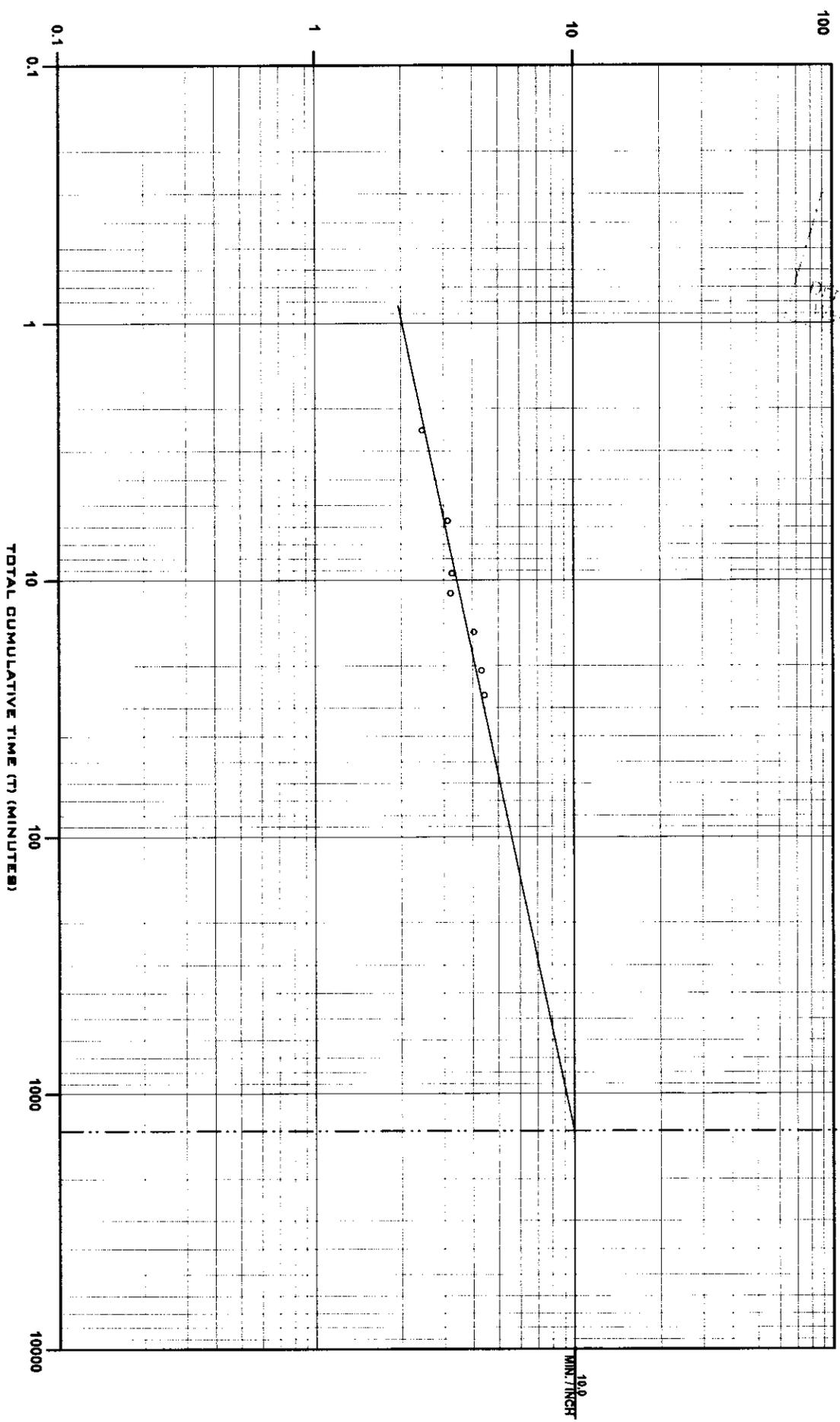

NOTES:   
 \_\_\_\_\_  
 \_\_\_\_\_

Received  
JUN 30 2015

PROJECT: BRIAN GORLO  
LOCATION: EBENVILLE RD., RUPERT - VT.  
PERCOLATION TEST NO: P1  
PERCOLATION TEST DATE: 21 JUNE 2015  
PERCOLATION RATE: 10.0 MIN./INCH  
TEST BY: TIMOTHY A. CHMIELEWSKI "B" NO. 439



1440



XFINITY Connect

actionsurveying@comcast.net

+ Font Size -

**Ebenville Road, Rupert**

**From :** Julie Foley <Julie.Foley@state.vt.us>

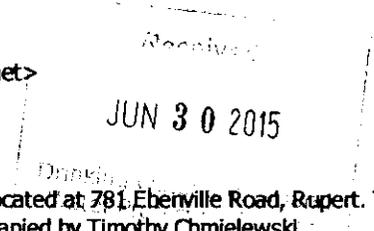
Wed, Nov 05, 2014 03:39 PM

**Subject :** Ebenville Road, Rupert

2 attachments

**To :** 'actionsurveying@comcast.net' <actionsurveying@comcast.net>

**Cc :** Rebecca Chalmers <Rebecca.Chalmers@state.vt.us>



Dear Timothy Chmielewski,

Please be advised that there is a Class III wetland on the Gorlo property located at 791 Ebenville Road, Rupert. This determination is based on a site visit conducted on 10/8/2014, made by Julie Foley accompanied by Timothy Chmielewski.

**PRESUMPTION OF SIGNIFICANCE:**

The subject wetland is identified as a palustrine wetland on the Vermont Significant Wetlands Inventory maps , but is not significant based on functions and values (see below). We have made a note to remove this polygon from the VSWI Maps.

**FUNCTIONS AND VALUES:**

The Secretary has determined based on an evaluation the wetland that it does not provide function or value that is significant enough to merit protection under the Vermont Wetland Rules at this time. The wetland is a hillside seep less than 1/2 acre in size that provides functions minimal for Surface and Groundwater Protection. Because wetland character, size, and function can change over time, this determination is only valid for five years. If impacts are proposed five years beyond the date of this letter, a permit may be required. I recommend that you have a Wetlands Program Ecologist re-evaluate the protection status of the wetland at such time. Your town and the Army Corps of Engineers (802-872-2893) may also have regulations pertaining to this wetland. If you would like to learn more about wetlands or the Vermont Wetlands Program please visit our website. <http://www.vtwaterquality.org/wetlands.htm>

Sincerely,  
Julie Foley

[DO HorizLogo2linesEmail]

Julie Foley, District Wetlands Ecologist

1 National Life Drive, Main 2

Montpelier, VT 05620-3522

802-490-6175 / Julie.Foley@state.vt.us<mailto:Julie.Foley@state.vt.us>

Check out our new and improved webpage! <http://www.vtwaterquality.org/wetlands.htm>



image001.jpg

8 KB

Gorlo Site.pdf

PDF 681 KB



198.0  
0  
99.00  
198.0 Meters

1" = 325 Ft  
1cm = 39 Meters

THIS MAP IS NOT TO BE USED FOR NAVIGATION

© Vermont Agency of Natural Resources

DISCLAIMER: This map is for general reference only. Data layers that appear on this map may or may not be accurate, current, or otherwise reliable. ANR and the State of Vermont make no representations of any kind, including but not limited to, the warranties of merchantability, or fitness for a particular use, nor are any such warranties to be implied with respect to the data on this map.

1 : 3,898  
June 24, 2015



### LEGEND

- Wetlands - VSWI
  - Class 1 Wetland
  - Class 2 Wetland
- Special Flood Hazard Areas (F Counties)
  - AE (1-percent annual chance flood)
  - A (1-percent annual chance flood)
  - AO (1-percent annual chance zone feet)
  - 0.2-percent annual chance flood ha
- Hazardous Waste Site
- Soils - Hydric
- SurfaceWaterSPA
  - Active
  - Inactive
- Ground Water SPA
  - Active
  - Proposed
  - Inactive
- Town Boundary

Received  
JUN 30 2015  
Drinking Water and Ground  
Water Protection Division

**NOTES**

781 Ebeneville Rd.  
Rupert, VT