

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 April 25, 2005

Permit Number: WW-8-1226
Landowner: Janet L. Fram
Address: P.O. Box 70
Rupert VT 05768

PIN:
Town Tax Parcel ID# 181

This permit affects property identified and referenced in deed(s) recorded in Book 40, Page 542 of the Land Records in Rupert, Vermont.

This project, consisting of a subdivision of existing 60.053 acres into 2 Lots. Lot 1=24.427 acres with existing 3 bedroom single family dwelling to retained by owner. Lot 2=35.626 acres is to have a new 5 bedroom (8 occupants) single family dwelling. Lot 1 is served by an existing on-site drilled potable well and existing soil-based sanitary wastewater disposal system. Lot 2 is to be served by a new drilled potable well and new soil based wastewater disposal system. The project is located on Route 315 in Rupert, Vermont, is hereby approved under the requirements of the regulations named above, subject to the following conditions:

1. GENERAL

- 1.1 The project shall be completed as shown on the following plans and/or documents prepared by Larry Parks and listed as follows:
Sheets 1 & 2 dated 10/30/08
- 1.2 The project shall not deviate from the approved plans in a manner that would change or affect the exterior water supply or wastewater disposal systems, building location, or the approved use of the building(s), without prior review and written approval from the Wastewater Management Division.
- 1.3 This permit does not relieve the landowner from obtaining all other approvals and permits as may be required from the Act 250 District Environmental Commission, the Department of Environmental Conservation, Water Supply Division – telephone (802) 241-3400, Water Quality Division – telephone (802) 241-3770, the Department Public Safety, Division of Fire Safety– telephone (802) 786-5867, the Department of Health, and local officials prior to proceeding with this project.
- 1.4 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 be responsible for the recording of this permit in the Rupert Land Records within thirty (30)



Wastewater System and Potable Water Supply Permit #WW-8-1226

Janet Fram

Rupert

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days of issuance of this permit and prior to the conveyance of any property subject to the jurisdiction of this permit.

- 1.5 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.
- 1.6 A copy of the approved plans and this permit shall remain on the project during all phases of construction, and upon request, shall be made available for inspection by State or local officials.
- 1.7 In issuing this permit, the Division has relied solely upon the licensed designer's certification that the design-related information submitted was true and correct, and complies with the Vermont 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.
- 1.8 No permit issued by the Secretary shall be valid for a substantially completed potable water supply and wastewater system until the Secretary receives a certification from a designer or the installer, signed and dated, 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."
- 1.9 This permit shall in no way relieve the permittee of the obligations of V.S.A. Title 10, Chapter 48, Subchapter 4, for the protection of groundwater.
- 1.10 Any person aggrieved by this permit may appeal to the Environmental Court within 30 days of the date of issuance of this permit in accordance with 10 V.S.A. Chapter 220 and the Vermont Rules of Environmental Court Proceedings.

2. WATER SUPPLY

- 2.1 Lot 1 existing drilled well shall remain unchanged.
- 2.2 Lot 2 is approved for on-site water supply from a drilled bedrock well provided that the well is located as shown on the approved plans, and is physically constructed in accordance with the minimum standards specified in Part 11 of the above-referenced water supply regulations. No other means of obtaining potable water shall be allowed without prior review and approval by the Division of Wastewater Management.

3. WASTEWATER DISPOSAL

3.1 For Lot 1, in the event of the failure of the existing sewage disposal system and before the REPLACEMENT MOUND Wastewater disposal system can be constructed, an application, fee and full MOUND design must be submitted to and approved by the Division of Wastewater Management. The replacement mound footprint is based on a Pre-treatment design system.

3.2 Lot 2 is approved for wastewater disposal by construction and utilization of the mound type wastewater disposal system depicted on the approved plans. No other method or location of wastewater disposal shall be allowed without prior review and approval by the Division of Wastewater Management.

3.3 For Lot 2, the mound type wastewater treatment/disposal system herein approved shall be routinely and reliably inspected during construction by a Vermont-registered professional engineer or Type B licensed designer who shall, upon completion and prior to occupancy of the subject establishment, report in writing to the Division of Wastewater Management that the installation was accomplished in accordance with the approved plans and permit conditions.

3.4 A copy of the permit shall be provided to any prospective purchaser prior to the sale.

Each new owner of the property shall inform the Rutland Regional Office within 30 days of the transfer of the property and include the name and mailing address of the new owner

3.5 Prior to placement of the mound system's select fill, the results of a sieve analysis performed on the proposed fill material shall be submitted to and approved by the Division of Wastewater Management.

3.6 Prior to covering of the disposal field within the mound, the inspecting engineer shall conduct a performance test of the pressure distribution network, to measure the uniformity of distribution. All necessary modifications shall be made to the piping network to achieve a variation in discharge rate between any 2 orifices no greater than 15 percent. The results of such testing shall be specifically addressed in the inspecting engineer's written report.

3.7 The wastewater disposal system for Lot 2 was designed and approved based on the anticipated daily volume of wastewater =560 gpd. There shall be no expansion of the project or increase in occupancy beyond this basis of design without prior review and approval by the Division of Wastewater Management.

3.8 This permit application was processed utilizing a special, reduced application fee, based on the anticipated ownership of the property being limited to certain qualifying individuals. Within a period of two years subsequent to the date of this permit, if the subject lot will cease to be owned by the above-named permittee, and ownership of the subject lot will be transferred to any person who is not related to such permittee by blood, marriage, or civil union (in the manner defined and established by the Division of Wastewater Management), the permittee shall pay an additional fee to the State of Vermont. Such supplemental payment shall consist of the standard permit application fee amount prescribed for permits pursuant to Title 10 V.S.A., Chapter 64, effective at such time, and shall be delivered to the appropriate regional office of the Division of Wastewater Management.

Wastewater System and Potable Water Supply Permit #WW-8-1226

Janet Fram

Rupert

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Laura Pelosi, Commissioner
Department of Environmental Conservation

By Raymond Dean
Raymond Dean
Assistant Regional Engineer

Dated at Rutland, Vermont this 24 day of November 2008.

cc: Division
Town Planning, Rupert
Larry Parks

Deed Book		Deed Page		
40		542		
Fee Type	Gallon Lots	Fee (Gallons)	Fee (Minimum)	Refund Amount
BMC	420	\$35.00	\$0.00	\$0.00
CWVO	560	\$280.00	\$0.00	\$0.00

Project: WW-8-1226

Landowner

Janet L. Fram

P.O. Box 70

Rupert VT 05768

PIN:

Applicant

\$ListApplicantsForProject\$

Street/Road: Route 315

TownsRupert

Development Name:

Reviewer: Raymond Dean

Project Description: Subdivide existing 60.053 acres into 2 lots, Lot 1=24.427 acres w/ existing 3 bdrm SFR to be retained by landowner, Lot 2=35.626 acres w/ new 5 bdrm SFR.

Received Date: 11/21/2008

Logged Date: 11/24/2008

Reviewed Date: 11/24/08

Response Date: 11/24/08

Final Action Date: 11/24/08

Final Action Type:

permit

Number of Lots Approved: 2

Consultant:

Larry J. Parks, S.T.



State of Vermont
Department of Environmental Conservation
Wastewater Management Division
Rutland Regional Office
450 Asa Bloomer State Office Building
88 Merchants Row
Rutland, VT 05701-5903
www.septic.vt.gov

[phone] 802-786-5900
[fax] 802-786-5915

Agency of Natural Resources

Janet L. Fram
P.O. Box 70
Rupert VT 05768

RE: WW-8-1226
Town of Rupert

NOV 24 2008

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 (\$8.00 per page) to your town clerk.

PLEASE NOTE: There is no longer a recording card enclosed; this office does not require the town clerk to submit the card to this office effective, March 5, 2008. It is required that landowners still record the permit with the town within 30 days of issuance.

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

Sincerely,

A handwritten signature in cursive script that reads "Alicia Owen".

Alicia Owen
Environmental Technician III

ENCLOSURES



STATE OF VERMONT
AGENCY OF NATURAL RESOURCES
DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF WASTEWATER MANAGEMENT
10 V.S.A. CHAPTER 64

NOTICE OF PERMIT RECORDING

To: Municipal/City Clerk, Rupert

Subject: Wastewater System and Potable Water Supply Permit # WW-8-1226

Landowner:
Janet L. Fram
P.O. Box 70
Rupert VT 05768

Land Identified In:

Deed Book	Deed Page
40	542

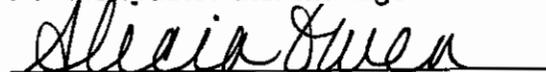
As Municipal Clerk for the town/city, you are hereby notified that the above-referenced Wastewater System and Potable Water Supply Permit is to be recorded in the Municipal Land Records under the authority of 24 V.S.A. §1154 and 1161. The grantor(s) shall be the above-referenced landowner whose lands are identified in the Book(s) and Page(s) specified above and the grantee shall be the State of Vermont, Agency of Natural Resources. The grantor(s) and the grantee shall be listed in the general index for deeds.

The grantee's interest is limited to the lands of the grantor(s) identified in the Book(s) and Page(s) specified above as delineated in the above-referenced Wastewater System and Potable Water Supply Permit issued under the authority of 10 V.S.A. Chapter 64 and the Environmental Protection Rules.

I swear that, to the best of my information and belief, the statements made above are true.

Dated at Rutland Regional Office, Vermont, on Nov 24, 2008.

For the Wastewater Management Division



Alicia Owen
Environmental Technician III

Project
Location

Joint From
- Report

Looks like I saw test results with Larry Peels 5/29/08

17% slope in system under

test pits B1, B2, B3 I am over gravelly sandy loam.

Get over gravelly silt loam - rusty distinct, many nodules
in these test pits at 25", 26" & 35" - standard mound
~~acceptable~~ acceptable here

5 bed room at 560 gpd

$$\frac{560 \text{ gpd}}{1.0 \text{ gpd/SF}} = 560 \text{ sq ft}$$

$$\text{provide } 3 \times 10 \text{ chambers} = 30 \times 18.6 = 544.8 \text{ sq ft}$$

$$+ 3 \text{ end caps at } 7.1 = 566.1 \text{ sq ft provided}$$

$$\text{Minimum required basal area } \frac{560 \text{ gpd}}{.74 \text{ gpd/SF}} = 757 \text{ sq ft}$$

$$\text{Basal area} = 42 \times 36 = 1512 \text{ sq ft}$$

force main from siphon

use (3) 37' x 11" long sch 40

lateral (8) 14" orifices spaced 5.33' = 5.4' required

24 total orifices

2.5 chdhd pressure - as designed 4.0'

35 gpm as designed

lateral volume = 4.6 gallons

force main 60' x .16 gal/ft = 16.1 gallons

total 20.7 gallons

Min dose 5 x 20.7 gallons = 103.5 gallons dose = ~~500~~ 500

560 gpd flow - use 133 gallons to 4.2 days/dose



ASSOCIATES

P.O. Box 816

ARLINGTON, VERMONT 05250

(802) 375 1245 pasurvey@verizon.net

Date: November 17, 2008

Re: WW Application

Janet L. Fram

60 Acre Parcel

Route 315

Rupert, Vermont

Ray Dean
Agency of Natural Resources
450 ASA Bloomer State Bldg
Rutland, Vermont 05701-5903

Enclosed please find the following for the referenced project:

- 1) Application for water supply and wastewater disposal permit.
- 2) Soils Report.
- 3) Siphon spec sheet.
- 4) Two copies of the plan.
- 5) Check payable to the State of Vermont in the amount of \$315.

If you have any questions or concerns please call.

Best Regards,

Larry J. Parks, RLS #596, ST#177B

State of Vermont
Department of Environmental Conservation
Wastewater Management Division
Rutland Regional Office
450 Asa Bloomer State Office Building
88 Merchants Row
Rutland, VT 05701-5903
www.septic.vt.gov

[phone] 802-786-5900
[fax] 802-786-5915

Agency of Natural Resources

November 24, 2008

Janet L. Fram
P.O. Box 70
Rupert VT 05768

RE: WW-8-1226, Subdivide existing 60.053 acres into 2 lots, Lot 1=24.427 acres w/ existing 3 bdrm SFR to be retained by landowner, Lot 2=35.626 acres w/ new 5 bdrm SFR., Route 315, Rupert

Dear Applicant:

We received your completed application for the above referenced project on November 21, 2008, including a fee of \$315.00 paid by check #6084. Under the performance standards for this program, we have a maximum of 45 days of "in-house" time to review your application. Raymond Dean 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 Division of Wastewater Management


Alicia M. Owen
Environmental Technician III

cc:
Rupert Planning Commission
Larry J. Parks, S.T.



Wastewater Management Division - Permit Application Wastewater System & Potable Water Supply



For Office Use Only:

Application#	PIN#	Date Complete Application Received
<input type="text"/>	<input type="text"/>	<input type="text"/>

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.

WW-8-12-26

Part I Applicant (Landowner) & Project Contact Information

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

1 Last Name Fram		2 First Name (and Middle Initial if appropriate) Janet L.	
3 Mailing Address Line 1 P.O. Box 70		4 Mailing Address Line 2	
5 Town/City Rupert	6 State/Province VT	7 Country United States	8 Zip/Postal Code 05768
9 Email Address			10 Telephone 802 394 7753
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 United States	8 Zip/Postal Code

Certifying Official

The Certifying Official must be a person who has signatory authority for the legal entity or organization that is the Applicant. A copy of the document authorizing this person to act as a signatory authority must be attached to this application.

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 C - Primary Contact Information (if other than Applicant)			
1 Last Name		2 First Name (and Middle Initial if appropriate)	
<input type="text"/>		<input type="text"/>	
3 Mailing Address Line 1		4 Mailing Address Line 2	
<input type="text"/>		<input type="text"/>	
5 Town/City	6 State/Province	7 Country	8 Zip/Postal Code
<input type="text"/>	<input type="text"/>	United States	<input type="text"/>
9 Email Address			10 Telephone
<input type="text"/>			<input type="text"/>

Section D - Building/Business Owner Information			
1 Last Name		2 First Name (and Middle Initial if appropriate)	
<input type="text"/>		<input type="text"/>	
3 Mailing Address Line 1		4 Mailing Address Line 2	
<input type="text"/>		<input type="text"/>	
5 Town/City	6 State/Province	7 Country	8 Zip/Postal Code
<input type="text"/>	<input type="text"/>	United States	<input type="text"/>
9 Email Address			10 Telephone
<input type="text"/>			<input type="text"/>

Part II Certifying Designer(s) Information			
1 Designer Last Name		2 Designer First Name (and Middle Initial if appropriate)	
Parks		Larry J.	
3 Designer License#	4 Company Name		
00177	Parks Associates		
5 Mailing Address Line 1		6 Mailing Address Line 2	
P.O. Box 816		<input type="text"/>	
7 Town/City	8 State/Province	9 Country	10 Zip/Postal Code
Arlington	VT	United States	05250
11 Email Address			12 Telephone
pasurvey@verizon.net			802 375 1245
13 Designer Role(s) (check all that apply)			
<input checked="" type="checkbox"/> Water Supply Designer			
<input checked="" type="checkbox"/> Wastewater Disposal System Designer			
<input type="button" value="Remove This Designer"/>			

Part III Property Location Information			
Section A - Property Parcel ID#(s) and Location(s)			
1 Please provide the property location information including Town or City Parcel ID#, Town/City, and Street or Road location in the table below:			
	(a) Town/City Parcel ID#	(b) Town or City	(c) Street or Road Location
<input checked="" type="checkbox"/>	181	Rupert	Route 315
<input type="button" value="Add Another Property"/>			

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

Subdivision of an existing 60.053 acre parcel with an existing 3 bedroom residence into Lot 1 being 24.427 acres with the existing residence and the remaining 35.626 acres Lot 2 being a new lot with a 5 bedroom septic design.

5 Were all buildings or structures, campgrounds, and their associated potable water supplies and wastewater systems substantially completed before January 1, 2007 and all 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 Wastewater Management 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

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 Water Quality Division at (802) 241-3770.

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 Water Quality 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 Water Quality 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

X

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

Section B - Project Deed Reference

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

	(a) Town	(b) Book	(c) Page(s)
X	Rupert	40	542

Add Another Deed Reference

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
X	1 of 2	Subdivision Plan and Septic System Design Prepared for Janet Lee Fram, Route 315	Oct 30, 2008	
X	2 of 2	Subdivision Plan and Septic System Design Prepared for Janet Lee Fram, Route 315	Oct 30, 2008	

Add Another Plan Reference

Section D - Existing Project Lot/BuildingDetails

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
existing	60.053	residential...existing

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?
X	Existing Residence	Residential	pre 1969	none	<input checked="" type="radio"/> Yes <input type="radio"/> No

Add Another Building

Remove This Lot

Add Another Lot

Section E - Proposed Project Lot/BuildingDetails

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
1	24.427	lot for existing residence

4 Is the lot being created as part of a subdivision? Yes No

5 Are you requesting that the Blood, Marriage, or Civil Union special fee be applied to this lot? Yes No

6 If the lot is exempt, please indicate the specific exemption from the Wastewater System and Potable Water Supply Rules?

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
X	existing residence		<input type="checkbox"/>	residence

Add Another Building

Remove This Lot

1 Lot# <input style="width:90%;" type="text" value="2"/>	2 Lot Size (acres) <input style="width:90%;" type="text" value="35.626"/>	3 Proposed Use of the Lot <input style="width:98%;" type="text" value="New lot with a 5 bedroom septic system design"/>		
4 Is the lot being created as part of a subdivision?		<input checked="" type="radio"/> Yes <input 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?				
7 Provide the following information for each building on the lot:				
<input checked="" type="checkbox"/>	(a) Building ID <input style="width:100%;" type="text" value="Proposed residence"/>	(b) If building is exempt, indicate exemption <input style="width:100%;" type="text"/>	(c) Construction or increased flow? <input checked="" type="checkbox"/>	(d) Proposed Use <input style="width:100%;" type="text" value="future 5 bedroom residence"/>
<input type="button" value="Add Another Building"/>				
<input type="button" value="Remove This Lot"/>				
<input type="button" value="Add Another Lot"/>				

Part V	Water Supply Information
Section A - Water Supply Screening Questions	
1 Are you proposing a new water supply for this project?	<input checked="" type="radio"/> Yes <input type="radio"/> No
2 Are you proposing changes to an existing water supply for this project?	<input type="radio"/> Yes <input checked="" type="radio"/> No
3 Is there a connection to an existing water supply for the project?	<input checked="" type="radio"/> Yes <input type="radio"/> No
<i>If you answered No to all three of the above questions, skip to Part VI. Otherwise, proceed with Part V.</i>	
Section B - General Water Supply Questions	
1 Does this project involve a failed water supply?	<input type="radio"/> Yes <input checked="" type="radio"/> No
2 Will any of the proposed water sources serve 25 or more people or have 15 or more service connections?	<input type="radio"/> Yes <input checked="" type="radio"/> No
<i>If Yes, the applicant must contact the Water Supply Division at (802) 241-3400 for source, construction and operating</i>	
3 Are any of the existing or proposed water sources located within a special flood hazard area?	<input type="radio"/> Yes <input checked="" type="radio"/> No
4 Are any of the existing or proposed water sources located within a floodway?	<input type="radio"/> Yes <input checked="" type="radio"/> 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?	<input type="radio"/> Yes <input checked="" type="radio"/> No
<i>If Yes, please submit additional information on the site. The Waste Management Division can be reached at (802) 241-3888.</i>	
6 Does this project require an approval letter from the Water Supply Division for the construction of a public water system, municipal water line extension over 500 feet, or hydrants or sprinkler systems?	<input type="radio"/> Yes <input checked="" type="radio"/> No
<i>If Yes, please submit a copy of the approval letter from the Water Supply Division.</i>	
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?	<input type="radio"/> Yes <input checked="" type="radio"/> No
<i>If Yes, please submit additional information regarding the constituent(s) that exceeds the standards and plans, details, and specifications of the treatment device.</i>	
8 Is any portion of the proposed water supply located in or near a Water Source Protection Area as designated by the Water Supply Division?	<input type="radio"/> Yes <input checked="" type="radio"/> No
<i>If in areas of known interference issues, please contact the Water Supply Division at (802) 241-3400.</i>	
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 <input style="width:95%;" type="text" value="Existing drilled well"/>	2 Water Supply Owner (if not Applicant) <input style="width:95%;" type="text"/>
3 Water Source Type <input style="width:95%;" type="text" value="Non-Public Drilled Bedrock Well"/>	4 Type of Change to Supply <input style="width:95%;" type="text" value="No Change"/>

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) Increase	(f) Total	
<input checked="" type="checkbox"/>	1	existing residence	No Change	420	0	420	Rule-based
<input type="button" value="Add Another Lot/Building Served by this Supply"/>				6	7	8	
				420	0	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.

	(a) Water Supply Name/Identifier	Design Flows (Gallons Per Day)		
		(b) Existing	(c) Increase	(d) Total
<input checked="" type="checkbox"/>	existing drilled well	420	0	420
<input checked="" type="checkbox"/>	new well for Lot 2	0	560	560
<input type="button" value="Add Another Water Supply"/>				
		2	3	4
		420	560	980

Part VI Wastewater Disposal System Information

Section A - Wastewater Disposal System Screening Questions

1 Are you proposing a new wastewater disposal system or replacement area for this project? Yes No

2 Are you proposing changes to an existing wastewater disposal system for this project? Yes No

3 Is there a connection to an existing wastewater disposal system for the project? Yes No

If you answered No to all three of the above questions, skip to Part VII. Otherwise, proceed with Part VI.

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 If the project has a soil-based wastewater disposal system with design flows that exceed 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 Wastewater Management 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 Water Supply Division? Yes No
- If Yes, contact the Water Supply 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 Existing residence replacement	2 Wastewater Disposal System Owner (if not Applicant) <input type="text"/>
3 Wastewater Disposal System Type Mound	4 Type of Change to System Replacement Area Designation

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)				(h) Rule or Meter Based Flows
			(d) Existing	(e) Increase	(f) Infiltration	(g) Total	
X 1	existing residence	No Change	420	0	0	420	Rule-based
Add Another Lot/Building Served by this System			6 420	7 0	8 0	9 420	

- 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

Performance Based

16 For soil-based systems, please check all that apply.

- Storage and Dose Filtrate

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

Innovative/Alternative System Use Type

General

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

Innovative/Alternative System or Product

Infiltrator quick 4

Remove This Wastewater System

1 Wastewater Disposal System Name/Identifier

Lot 2

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) Increase	(f) Infiltration		
X	2	future residence	Connection to New System	0	560	0	560	Rule-based
Add Another Lot/Building Served by this System				6	7	8	9	
				0	560	0	560	

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

Prescriptive

16 For soil-based systems, please check all that apply.

Storage and Dose Filtrate

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

Innovative/Alternative System Use Type

General

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

Innovative/Alternative System or Product

Infiltrator quick 4

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/Identifier	(b) Existing	(c) Increase	(d) Infiltration	(e) Total
X	Lot 1	420	0	0	420
X	Lot 2	0	560	0	560
	Add Another Wastewater System	2 420	3 560	4 0	5 980

Part VII Application Fees

1 Fee Amount \$315.00

2 Fee Calculation Details

Lot 1 35(blood,marriage) + Lot 2 560gal x 0.50 = 315

Part VIII Designer Certification & Copyright License

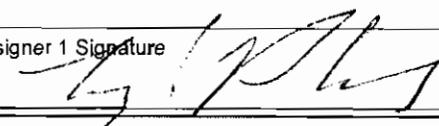
Section A - Certifying Designer 1 Certification & Copyright License

"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	2 Designer 1 Signature	3 Signature Date
Larry J Parks		October 30, 2008

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, Wastewater Management 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.

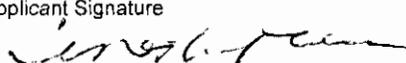
1 If we do visit your property, do you have any special instructions?

"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 Wastewater Management 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 Janet L. Fram	3 Applicant Signature 	4 Signature Date 11/21/2007
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Add Applicant Signature Block



ARKS
ASSOCIATES
P.O. BOX 816
ARLINGTON, VERMONT 05250
(802) 375 1245 pasurvey@verizon.net

Soils Report

Date: October 31, 2008
Test Date: May 29, 2008
Location: Janet Fram
60 acre parcel
Rupert, Vermont

Soils Test Pit A1

0-6" Loam, moist, dark brown, friable, roots.
6-18" Gravelly sandy loam, moist, dark yellow brown, friable, roots throughout.
18- 40" Gravelly silt loam, moist, grayish brown, firm, many distinct rusty gray mottles throughout. Estimated seasonal high water table (ESHWT) is at 18".

Soils Test Pit A2

0-7" Loam, moist, dark brown, friable, roots.
7-21" Gravelly sandy loam, moist, yellowish brown, friable, roots throughout.
21- 39" Gravelly loamy sand, moist, dark yellowish brown, friable, dark purple manganese staining from 35" to depth. ESHWT is at 35".

Soils Test Pit B1

0-6" Loam, moist, dark brown, friable, roots.
6-25" Gravelly sandy loam, moist, dark yellow brown, friable, roots throughout.
25- 40" Gravelly silt loam, moist, grayish brown, firm, many distinct rusty gray mottles throughout. ESHWT is at 25".

Soils Test Pit B2

0-8" Loam, moist, dark brown, friable, roots.
8-26" Gravelly sandy loam, moist, dark yellow brown, friable, roots throughout.
26- 38" Gravelly silt loam, moist, grayish brown, firm, many distinct rusty gray mottles throughout. ESHWT is at 26".

Soils Test Pit B3

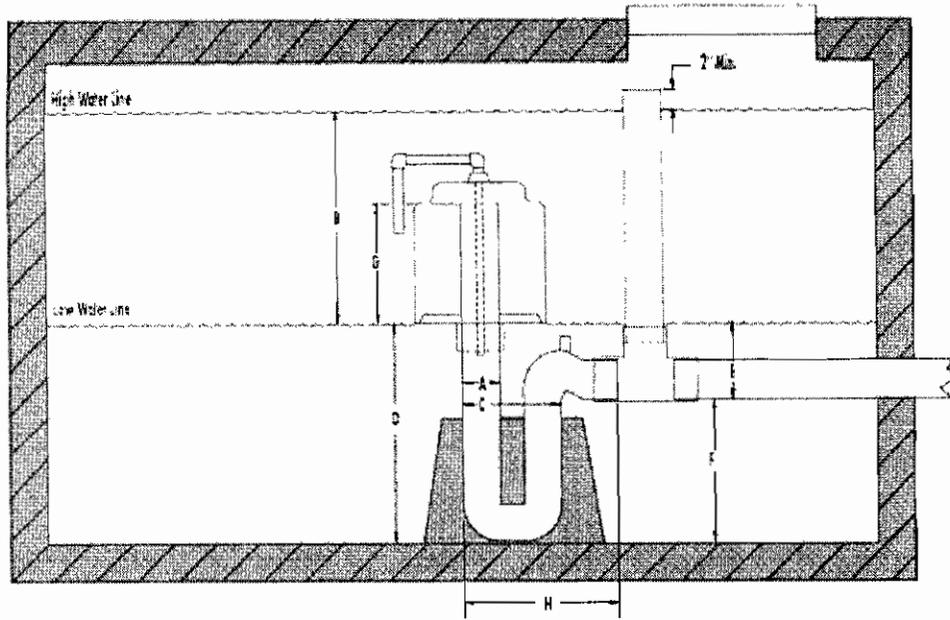
0-7" Loam, moist, dark brown, friable, roots.
7-35" Gravelly sandy loam, moist, dark yellow brown, friable, roots throughout.
35-60" Gravelly silt loam, moist, grayish brown, firm, many distinct rusty gray mottles throughout. ESHWT is at 35".

FLUID DYNAMIC SIPHONS, INC. SIPHONS

1-800-888-5653 info@siphons.com

Specifications

- HOME
- INTRODUCTION
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- OPERATION
- INSTALLATION
- WHY DOSE?
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- CONTACT US



Approximate Dimensions in Inches

Model number	207	308	313	316	413	417	423	430	523	630	836	1248	14 inch
Siphon diameter (A)	2	3	3	3	4	4	4	4	5	6	8	12	14
Outlet size 2"	mopt	4.2	4.2	4.2	4.2	4.2	4.2	4.2	6.25	6.25	8.4	12.75	15.3
Optional Outlet	N/A	4" mopt	N/A	N/A	N/A	N/A	N/A	N/A					
Draw down (B)	7	8	13	16	13	17	23	30	23	30	36	48	Custom
Width of trap (C)	6.6	8	8	8	10.5	10.5	10.5	10.5	13.1	15	20.5	31.3	37.5
Bottom of trap to low water line (D)	11.8	19	19	22	19.5	22.5	22.5	24.4	30.3	42.5	40	66	Custom
Bottom of discharge to low water line (E)	5.1	7.5	7.5	7.5	7.5	7.5	7.5	7.5	10	13.5	11	17	30
Bottom of trap to bottom of discharge (F)	6.8	11.5	11.5	14.5	12	15	15	16.8	20	28.8	28.5	49	Custom
Height of trap above low water line (G)	3	4.6	4.6	4.5	6.3	8.3	13.3	18.1	8.5	7	17	27.5	Custom
Trap to discharge (H)	N/A	10.5	10.5	10.5	16.8	16.5	16.5	16.5	19.5	21.5	27.3	41.5	49
Average Discharge rate in GPM	30	67	72	76	140	150	160	170	325	450	900	2000	3000
Flow rate at low water in GPM	25	48	48	48	100	100	100	100	230	350	450	1200	1800

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