

Drinking Water & Groundwater Protection 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.

Part I Applicant (Landowner) & Project Contact Information

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

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"/>

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
Clajer Capital, LLC			425-6194
3 Mailing Address Line 1		4 Mailing Address Line 2	
45 Slate Farm Road		<input type="text"/>	
5 Town/City	6 State/Province	7 Country	8 Zip/Postal Code
Charlotte	VT	United States	05445

Certifying Official

The Certifying Official must be a person who has signatory authority for the legal entity or organization that is the Applicant.

9 Certifying Official Last Name		10 Certifying Official First Name (and MI if appropriate)	
Strobeck		Mathew and Carey	
11 Certifying Official Title			
Dr. and Mrs.			
12 Certifying Official Email Address			13 Telephone
csstrobeck@me.com			425-6194

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)	
Vock		Stephen	
3 Designer License#	4 Company Name		
5226	Civil Engineering Associates		
5 Mailing Address Line 1		6 Mailing Address Line 2	
10 Mansfield View Lane		<input type="text"/>	
7 Town/City	8 State/Province	9 Country	10 Zip/Postal Code
South Burlington	VT	United States	05403
11 Email Address			12 Telephone
svock@cea-vt.com			802-864-2323
13 Designer Role(s) (check all that apply)			
<input checked="" type="checkbox"/> Water Supply Designer			
<input checked="" type="checkbox"/> Wastewater Disposal System Designer			
<div style="background-color: yellow; border: 1px solid black; padding: 2px; display: inline-block;">Remove This Designer</div>			
<div style="background-color: green; color: white; border: 1px solid black; padding: 2px; display: inline-block;">Add Another Designer</div>			

Part III Property Location Information	
Section A - Property Location	
1 Please provide the property Town and the property address or a brief description of the location.	
(a) Town or City	(b) Street or Road Location
Charlotte	45 Slate Farm Road

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 <i>(in decimal degrees to five decimal places, ex. 44.38181°)</i>	(b) Longitude <i>(in decimal degrees to five decimal places, ex. -72.31392 °)</i>
N <input style="width: 80px;" type="text" value="44.28750"/> °	W (-) <input style="width: 80px;" type="text" value="73.27806"/> °

Part IV Project Information

Section A - General Project Information & Questions

1 Project Name (if applicable) <input style="width: 95%;" type="text" value="Proposed Wastewater System"/>	2 Total Acreage of Property <input style="width: 95%;" type="text" value="21.1"/>
---	--

3 Business Name (if applicable)

4 Detailed Project Description
 This project consists of directing wastewater flows from an existing -bedroom Accessory Structure to a new mound system. The existing wastewater system will be relieved of the Accessory Structure flow and in lieu receive flows from one additional bedroom in a 5-bedroom home on site. The 5-bedroom home will become a 6-bedroom home, no changes in the existing water system are proposed.

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
X	<input style="width: 95%;" type="text" value="Select"/>	<input style="width: 95%;" type="text"/>
<input type="button" value="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

4C0555

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)
X Charlotte	8-1-20	204	568-570

[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 C1.0	Overall Site Plan	10/1/2013	
X C2.0	Proposed Wastewater Site Plan	10/1/2013	
X C3.0	Wastewater Details	10/1/2013	
X C3.1	Wastewater Details	10/1/2013	

[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
1	21.1	Residential

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 Ex. 5-BR Home	Residential			<input checked="" type="radio"/> Yes <input type="radio"/> No
X Accessory Structure #1	Residential			<input checked="" type="radio"/> Yes <input type="radio"/> No
X Guest Cottage	Residential			<input checked="" 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# <input style="width:95%;" type="text"/>	2 Lot Size (acres) <input style="width:95%;" type="text"/>	3 Proposed Use of the Lot <input style="width:95%;" type="text"/>
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? <input style="width:95%;" type="text"/>		
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?
X <input style="width:95%;" type="text"/>	<input style="width:95%;" type="text"/>	<input type="checkbox"/>
<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 or water service line or changes to a permitted but not constructed water supply or water service line for this project? <input type="radio"/> Yes <input checked="" type="radio"/> 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)? <input checked="" type="radio"/> Yes <input type="radio"/> No
3 Is there an existing connection to a water supply or water service line for this project? <input checked="" type="radio"/> Yes <input type="radio"/> No
<i>Complete Part V if you answered Yes to any of the above questions. A project with no existing or proposed water supply may skip to Part VI.</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 Drinking Water & Groundwater Protection Division at (802) 241-3400 for source, construction and an operating permit.</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 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? <input type="radio"/> Yes <input checked="" type="radio"/> No <i>If Yes, please submit a copy of the approval letter from the Drinking Water & Groundwater Protection 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 Drinking Water & Groundwater Protection Division? <input type="radio"/> Yes <input checked="" type="radio"/> No <i>If in areas of known interference issues, contact the Drinking Water & Groundwater Protection 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 Existing Well #1	2 Water Supply Owner (if not Applicant) 					
3 Water Source Type Non-Public Drilled Bedrock Well	4 Type of Change to Supply New Connection or Increased Flow					
5 Lots/Buildings Served by this Water Supply System						
Design Flows (Gallons Per Day)						
(a) Lot#	(b) Building ID	(c) Type of Change to the Building's Supply	(d) Existing	(e) Change	(f) Total	(g) Rule or Meter Based Flows
X 1	Main House	Increased Flow (no construction)	750	150	900	Rule-based
Add Another Lot/Building Served by this Supply			6	7	8	
			750	150	900	
9 Is this water supply located off-lot? <input type="radio"/> Yes <input checked="" type="radio"/> No						
10 Is this water supply shared? <input type="radio"/> Yes <input checked="" type="radio"/> No						
<i>If the water supply is located off-lot or shared, submit a copy of the agreement to provide an easement prior to construction.</i>						
11 Is a variance being requested for this water supply? <input type="radio"/> Yes <input checked="" type="radio"/> No						
<i>If Yes, please submit additional details related to the variance request.</i>						
Remove This Water Supply						

1 Water Supply Name/Identifier Existing Well #2	2 Water Supply Owner (if not Applicant) 					
3 Water Source Type Non-Public Drilled Bedrock Well	4 Type of Change to Supply No Change					
5 Lots/Buildings Served by this Water Supply System						
Design Flows (Gallons Per Day)						
(a) Lot#	(b) Building ID	(c) Type of Change to the Building's Supply	(d) Existing	(e) Change	(f) Total	(g) Rule or Meter Based Flows
X 1	Accessory Structure #1	No Change	150	0	150	Rule-based
X	Exist. Guest Cottage	No Change	300	0	300	Rule-based
Add Another Lot/Building Served by this Supply			6	7	8	
			450	0	450	
9 Is this water supply located off-lot? <input type="radio"/> Yes <input checked="" type="radio"/> No						
10 Is this water supply shared? <input type="radio"/> Yes <input checked="" type="radio"/> No						
<i>If the water supply is located off-lot or shared, submit a copy of the agreement to provide an easement prior to construction.</i>						
11 Is a variance being requested for this water supply? <input type="radio"/> Yes <input checked="" type="radio"/> No						
<i>If Yes, please submit additional details related to the variance request.</i>						
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		(b) Existing	(c) Change	(d) Total
X	Existing Well #1	750	150	900
X	Existing Well #2	450	0	450
<input type="button" value="Add Another Water Supply"/>		2	3	4
		1,200	150	1,350

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

*Complete Part VI if you answered Yes to any of the above questions.
A project with no existing or proposed wastewater disposal systems may skip to Part VII.*

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 Main House Wastewater System	2 Wastewater Disposal System Owner (if not Applicant)
3 Wastewater Disposal System Type Mound	4 Type of Change to System Decreased Flow

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) Change	(f) Infiltration	(g) Total	
X	1	Main House	Increased Flow (no constructi	560	70	0	630	Rule-based
X	1	Accessory Structure #1	Decreased Flow	140	-140	0	0	Rule-based
X	Exist.	Guest Cottage	No Change	280	0	0	280	Rule-based
Add Another Lot/Building Served by this System				6	7	8	9	
				980	-70	0	910	

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

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

Remove This Wastewater System

1 Wastewater Disposal System Name/Identifier Proposed Mound System	2 Wastewater Disposal System Owner (if not Applicant) <input type="text"/>
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)				(h) Rule or Meter Based Flows
				(d) Existing	(e) Change	(f) Infiltration	(g) Total	
X	1	Accessory Structure #1	Connection to New System	0	140	0	140	Rule-based
<input type="button" value="Add Another Lot/Building Served by this System"/>				6	7	8	9	
				0	140	0	140	

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

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

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.

	(a) Wastewater Disposal System Name/Identifier	Design Flows (Gallons Per Day)			
		(b) Existing	(c) Change	(d) Infiltration	(e) Total
X	Main House Wastewater System	980	-70	0	910
X	Proposed Mound System	0	140	0	140
<input type="button" value="Add Another Wastewater System"/>		2	3	4	5
		980	70	0	1,050