

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"/>

General Information:

IMPORTANT: This application form **IS NOT** intended to be printed and filled out by hand. Because of the dynamic nature of the form, it is required that the information be typed directly into the fields using a computer.

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: <http://dec.vermont.gov/sites/dec/files/dwgwp/wastewater/pdf/WWApplInstructionsRules.pdf>.

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

A. Prior Permits

1 Please enter any prior or related WW permit or Act 250 permit number(s) (if applicable)

B. Project Name

1 Please enter a name that can be used as a reference for the project

Barlow 2 Lot Subdivision and Boundary Adjustment

C. Landowner Information**Landowner Name**

1 Legal Entity/Organization Name (if the Landowner is a legal entity or organization rather than a person)

2 Landowner First Name (and Middle Initial if appropriate)

Gill C.

3 Landowner Last Name

Barlow

Landowner Contact Information

4 Mailing Address Line 1

4190 Mount Philo Road

5 Mailing Address Line 2

6 City

Charlotte

7 State/Province

VT

8 Country

United States

9 Zip/Postal Code

05445

10 Email Address

gbarlow@gmavt.net

11 Telephone

(802) 373-1422

Landowner Certifying Official Information (if applicable)

12 First Name (and MI if appropriate)

13 Last Name

14 Title

15 Email Address

16 Telephone

Add Another Landowner

D. Primary Contact Information (if other than Landowner)

1 First Name (and Middle Initial if appropriate)

2 Last Name

3 Company/Organization Name

4 Mailing Address Line 1

5 Mailing Address Line 2

6 City

7 State/Province

8 Country

United States

9 Zip/Postal Code

10 Email Address

11 Telephone

E. Lot(s) Affected by this Project

1 Please list any and all proposed lots or existing parcels that are directly affected by this project. If this application is an amendment to a previous project, please use consistent lot numbers.

(a) Existing or Proposed Lot	(b) Lot Number	(c) SPAN	(d) Parcel ID	(e) Acres	X
Existing	1	138-043-10089	00027-4100	13.338	

(f) Book Number (ref. 1)	(g) Page Number(s) (ref. 1)	(h) Book Number (ref. 2)	(i) Page Number(s) (ref. 2)	(j) Book Number (ref. 3)	(k) Page Number(s) (ref. 3)
81	96				

(l) Comments

Lots 1 & 2 are described on single deed and share Parcel ID and SPAN.

(a) Existing or Proposed Lot	(b) Lot Number	(c) SPAN	(d) Parcel ID	(e) Acres	X
Existing	2	138-043-10089	00027-4100	9.956	

(f) Book Number (ref. 1)	(g) Page Number(s) (ref. 1)	(h) Book Number (ref. 2)	(i) Page Number(s) (ref. 2)	(j) Book Number (ref. 3)	(k) Page Number(s) (ref. 3)
81	96				

(l) Comments

Lots 1 & 2 are described on single deed and share Parcel ID and SPAN.

(a) Existing or Proposed Lot	(b) Lot Number	(c) SPAN	(d) Parcel ID	(e) Acres	X
Proposed	1			13.293	

(f) Book Number (ref. 1)	(g) Page Number(s) (ref. 1)	(h) Book Number (ref. 2)	(i) Page Number(s) (ref. 2)	(j) Book Number (ref. 3)	(k) Page Number(s) (ref. 3)

(l) Comments

Acreage after boundary adjustment with Lot 2.

(a) Existing or Proposed Lot	(b) Lot Number	(c) SPAN	(d) Parcel ID	(e) Acres	X
Proposed	2			3.421	

(f) Book Number (ref. 1)	(g) Page Number(s) (ref. 1)	(h) Book Number (ref. 2)	(i) Page Number(s) (ref. 2)	(j) Book Number (ref. 3)	(k) Page Number(s) (ref. 3)

(l) Comments

Acreage after boundary adjustment with Lot 1 and creation of Lot 2A.

(a) Existing or Proposed Lot	(b) Lot Number	(c) SPAN	(d) Parcel ID	(e) Acres	X
Proposed	Lot 2A			6.582	

(f) Book Number (ref. 1)	(g) Page Number(s) (ref. 1)	(h) Book Number (ref. 2)	(i) Page Number(s) (ref. 2)	(j) Book Number (ref. 3)	(k) Page Number(s) (ref. 3)

(l) Comments

Lot subdivided from Lot 2. Parcel ID and SPAN to be established.

Add Another Lot

F. Project Information

1 Project Description

Proposed boundary adjustment between existing Lot 1 being 13.338 acres and Lot 2 being 9.956 acres followed by a subdivision of Lot 2. After the boundary adjustment Lot 1 will contain an existing single family home with an on-site water supply and wastewater system on 13.293 acres. The resulting change in acreage of Lot 1 is less than 2%. After boundary adjustment and subdivision Lot 2 will contain an existing single family home with an existing on-site water supply and proposed mound system with four-bedroom design capacity on 3.421 acres. Newly created Lot 2A will contain a single family home with a proposed on-site water supply and off-site mound system with five-bedroom design capacity on 6.582 acres.

2 Total Acreage of Property	3 Town (primary)	4 Town (secondary - if located in more than one town)
23.296	Charlotte	

5 Street Address (911 address if available, otherwise a brief description of the location)
4100 & 4190 Mount Philo Road

6 Center of property GPS coordinates - Enter the approximate center of the project 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°)
44.29618	-73.22863

7 If someone from the Drinking Water & Groundwater Protection Division's Regional Office has been to the property for a site visit, please indicate who visited the property and the date of the visit.

(a) Name of Staff Person	(b) Date of Visit (m/d/yyyy)
Brian Tremback	10/13/2015

G. Application Fee

Please refer to the [Application Fee Schedule](#) prior to selecting the Application Fee Code for your project below.

1 Select Application Fee Code	2 Fee Amount Due
	\$750.00 (\$250 Lot 2+\$500 Lot 2A)

H. Wastewater System and Water Supply Component Details

Component Information:
PLEASE READ: The purpose of this section is to provide supplementary information for system components when there are proposed changes to existing conditions or previous permits. In the case that the application includes site plans, the component names on this worksheet must match those on the site plans. If there is a prior permit, the component names must be labeled consistent with plans from the prior permit(s). It is ***required*** that, at a minimum, the following component types must be included for each application: final disposal; pre-treatment (if applicable); building unit(s); water treatment (if applicable); and water source. To add components after the third entry, click the green button labeled "Add Another Component". You may also insert components between components you've already added by clicking the "Insert Component Between" button. For large projects with many components, you may consider using the "Show/Hide Component Set Separator" button to separate sets (or groups) of connected components by naming each set. For additional instructions, please review the appendix to the application instructions: <http://dec.vermont.gov/sites/dec/files/dwgwp/wastewater/pdf/WWApplInstructionsRules.pdf>.

Component 1 Information

Show/Hide Component Set Separator Remove This Component

Component Group Type	(WW) Final Disposal	Component Type	In-ground
----------------------	---------------------	----------------	-----------

--Component 1 Details--

Component Name	Lot 1 Existing WW System		
Lot # Physical Location	1	Change Type	No Change
WW Design Flow	490	Changes	
I/A Dispersal Type		Comments	
Variance Requested	<input type="checkbox"/>		
Design Approach (select all that apply, press Ctrl and Click to select multiple)	Alternative Toilets Constructed Wetlands Existing - Unknown Filtrate Flow equalization No discharge (other than holding tank) Performance based Prescriptive Store and dose Subsurface drip distribution Time dosing Wastewater strength		
Manufacturer			
Model Name			
Model Number			
As-Built Latitude			
As-Built Longitude			

Insert Component Between

Component 2 Information

Show/Hide Component Set Separator

Remove This Component

Component Group Type Component Type

--Component 2 Details--

Component Name	<input type="text" value="Lot 1 Existing SFH"/>		
Lot # Physical Location	<input type="text" value="1"/>	Change Type	<input type="text" value="No Change"/>
WW Permitted Flow	<input type="text" value="490"/>	Changes	<input type="text"/>
WS Permitted Flow	<input type="text" value="490"/>	Comments	<input type="text"/>
Flow Basis	<input type="text" value="Rule"/>		

Insert Component Between

Component 3 Information

Show/Hide Component Set Separator

Remove This Component

Component Group Type Component Type

--Component 3 Details--

Component Name	<input type="text" value="Lot 1 Existing Well"/>		
Lot # Physical Location	<input type="text" value="1"/>	Change Type	<input type="text" value="No Change"/>
Source Type	<input type="text" value="Drilled/Driven Well"/>	Changes	<input type="text"/>
WS Design Flow	<input type="text" value="490"/>	Comments	<input type="text"/>
Allocation Approval	<input type="checkbox"/>		
Construction Approval	<input type="checkbox"/>		
Variance Requested	<input type="checkbox"/>		
As-Built Latitude	<input type="text"/>		
As-Built Longitude	<input type="text"/>		

Insert Component Between

Component 4 Information

Show/Hide Component Set Separator

Remove This Component

Component Group Type Component Type

--Component 4 Details--

Component Name	Lot 2 Proposed Mound System		
Lot # Physical Location	2	Change Type	New System
WW Design Flow	490	Changes	
I/A Dispersal Type		Comments	System proposed as an upgrade and to increase design flows for 4 bedroom home.
Variance Requested	<input type="checkbox"/>		
Design Approach (select all that apply, press Ctrl and Click to select multiple)	<ul style="list-style-type: none"> Alternative Toilets Constructed Wetlands Existing - Unknown Filtrate Flow equalization No discharge (other than holding tank) Performance based Prescriptive Store and dose Subsurface drip distribution Time dosing Wastewater strength 		
Manufacturer			
Model Name			
Model Number			
As-Built Latitude			
As-Built Longitude			

Insert Component Between

Component 5 Information Show/Hide Component Set Separator Remove This Component

Component Group Type	Building	Component Type	Building-Unit
----------------------	----------	----------------	---------------

--Component 5 Details--

Component Name	Lot 2 Existing SFH		
Lot # Physical Location	2	Change Type	Connection to New System
WW Permitted Flow	490	Changes	
WS Permitted Flow	490	Comments	Increasing Design flows from 2 to 4 BR home.
Flow Basis	Rule		

Insert Component Between

Component 6 Information Show/Hide Component Set Separator Remove This Component

Component Group Type	(WS) Source	Component Type	Potable
----------------------	-------------	----------------	---------

--Component 6 Details--

Component Name	Lot 2 Existing Well		
Lot # Physical Location	2	Change Type	Increased Flow (No Construction)
Source Type	Drilled/Driven Well	Changes	
WS Design Flow	490	Comments	Increasing Design flows from 2 to 4 BR home.
Allocation Approval	<input type="checkbox"/>		
Construction Approval	<input type="checkbox"/>		
Variance Requested	<input type="checkbox"/>		
As-Built Latitude			
As-Built Longitude			

Insert Component Between

Component 7 Information

Show/Hide Component Set Separator

Remove This Component

Component Group Type	(WW) Final Disposal	Component Type	Mound
----------------------	---------------------	----------------	-------

--Component 7 Details--

Component Name	Lot 2A Proposed Mound System		
Lot # Physical Location	2A	Change Type	New System
WW Design Flow	560	Changes	
I/A Dispersal Type		Comments	System is located within easement on Lot 2.
Variance Requested	<input type="checkbox"/>		
Design Approach (select all that apply, press Ctrl and Click to select multiple)	<ul style="list-style-type: none"> Alternative Toilets Constructed Wetlands Existing - Unknown Filtrate Flow equalization No discharge (other than holding tank) Performance based Prescriptive Store and dose Subsurface drip distribution Time dosing Wastewater strength 		
Manufacturer			
Model Name			
Model Number			
As-Built Latitude			
As-Built Longitude			

Insert Component Between

Component 8 Information

Show/Hide Component Set Separator

Remove This Component

Component Group Type	Building	Component Type	Building-Unit
----------------------	----------	----------------	---------------

--Component 8 Details--

Component Name	Lot 2A Proposed SFH		
Lot # Physical Location	2A	Change Type	Connection to New System
WW Permitted Flow	560	Changes	
WS Permitted Flow	560	Comments	
Flow Basis	Rule		

Component 9 Information

Component Group Type	(WS) Source	Component Type	Potable
----------------------	-------------	----------------	---------

--Component 9 Details--

Component Name	Lot 2A Proposed Well		
Lot # Physical Location	2A	Change Type	New System
Source Type	Drilled/Driven Well	Changes	
WS Design Flow	560	Comments	
Allocation Approval	<input type="checkbox"/>		
Construction Approval	<input checked="" type="checkbox"/>		
Variance Requested	<input type="checkbox"/>		
As-Built Latitude			
As-Built Longitude			

I. Project Plan Reference

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

(a) Sheet#	(b) Title	(c) Plan Date	(d) Last Revision Date	
S1	Overall Site Plan, Wastewater System & Water Supply	4/16/2018		<input checked="" type="checkbox"/>
S2	Partial Site Plan, Wastewater System & Water Supply	4/16/2018		<input checked="" type="checkbox"/>
D1	Details, Wastewater System & Water Supply	4/16/2018		<input checked="" type="checkbox"/>

J. Project Scoping Questions

1	Does this project involve the replacement of a failed wastewater system?	<input type="radio"/> Yes	<input checked="" type="radio"/> No
2	Does this project involve the replacement of a failed water supply?	<input type="radio"/> Yes	<input checked="" type="radio"/> No
3	Does this project involve construction within the buffer for a Class 2 Wetland?	<input type="radio"/> Yes	<input checked="" type="radio"/> No
4	Does this project involve construction within a river corridor?	<input type="radio"/> Yes	<input checked="" type="radio"/> No
5	Is the property within 250 feet of the mean water level of lakes greater than 10 acres in size?	<input type="radio"/> Yes	<input checked="" type="radio"/> No
6	Will the project require a public water supply permit?	<input type="radio"/> Yes	<input checked="" type="radio"/> No
7	Is any portion of the proposed wastewater system located in a Water Source Protection Area (SPA) as designated by the Drinking Water & Groundwater Protection Division?	<input type="radio"/> Yes	<input checked="" type="radio"/> No
8	Does this project require an Underground Injection Control Permit?	<input type="radio"/> Yes	<input checked="" type="radio"/> No
9	Is this project located in a Class A Watershed?	<input type="radio"/> Yes	<input checked="" type="radio"/> No
10	If this project is in a Class A Watershed, does the design flow for the project exceed 1,000 gpd or is the project located on the same lot as other buildings, structures, or campgrounds where the total design flow for the lot is greater than 1,000 gpd?	<input type="radio"/> Yes	<input type="radio"/> No <input checked="" type="radio"/> NA

11 Are any of the proposed water sources located within 1 mile of a hazardous waste site as designated by the Waste Management & Prevention Division and identified on the Agency mapping website (if Yes, please submit additional information on the site)? Yes No

K. Consultant/Designer Certification

Consultant/Designer 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."

WW/WS Designer Consultant/Designer Role Print Consultant/Designer Name  Consultant/Designer Signature Signature Date

L. Signatures & Acknowledgements of Landowner(s)

This application must be signed by each Landowner listed on the property deed or by individuals with legal authority to sign on behalf of each Landowner. In order to insure compliance with the requirements of the regulations administered by the Department of Environmental Conservation, Drinking Water and 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.

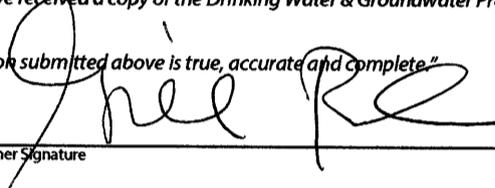
If we do visit your property, do you have any special instructions?

"By signing this application, I certify that I am a landowner listed on the property deed or that I have the legal authority to sign on behalf of the landowner. I understand that by signing this application I am granting permission for the Department employees to enter the property, during normal business 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."

Print Landowner Name  Landowner Signature Signature Date