

Drinking Water & Groundwater Protection Division - Permit Application

Wastewater System & Potable Water Supply

**For Office Use Only:**

Application#	PIN#	Date Complete Application Received

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/dwgpw/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)

None

B. Project Name

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

1654 Prindle Road

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)

Andrew

3 Landowner Last Name

Zins

Landowner Contact Information

4 Mailing Address Line 1

1654 Prindle 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

andrewdzins@msn.com

11 Telephone

412-398-1826

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)

John

2 Last Name

Stuart

3 Company/Organization Name

JH Stuart Associates, Inc.

4 Mailing Address Line 1

P.O. Box 8367

5 Mailing Address Line 2

--

6 City

Essex

7 State/Province

VT

8 Country

United States

9 Zip/Postal Code

05451

10 Email Address

john@jhstuartassociates.com

11 Telephone

802-878-5171

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	1654 Prindle Road	138-043-10317	00020-1654	96.45	
(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

F. Project Information

1 Project Description

The water and wastewater systems approved in 2000 provided for 600 gallons per day; however, the house was constructed with three (3) bedrooms. The project involves the construction of additional buildings to include an accessory building having the potential to provide one (1) bedroom as well as a future office and future barn (both for the exclusive use of land owner). The mound system is sufficient to accept the planned land use. The water system will be updated to include a storage tank so that the system can deliver the instantaneous demand (10+ GPM) to the expanded distribution system.

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

5 Street Address (911 address if available, otherwise a brief description of the location)

1654 Prindle 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°)
44.29521	73.16449

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)

G. Application FeePlease 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
(RO1) 560 gpd or less	\$306.25

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

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

--Component 1 Details--

Component Name	Mound system		
Lot # Physical Location	1654 Prindle Road	Change Type	Connection to Existing System
WW Design Flow	560	Changes	Add accessory building, reduce number of approved bedrooms in existing house. Final design flow 560 GPD.
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	44.29416		
As-Built Longitude	73.16420		

Insert Component Between

Component 2 Information Show/Hide Component Set Separator Remove This Component

Component Group Type	(WW) Conveyance	Component Type	STEP
----------------------	-----------------	----------------	------

--Component 2 Details--

Component Name	House Septic tank/pump station		
Lot # Physical Location	1654 Prindle Road	Change Type	Connection to Existing System
Municipal WW System		Changes	Reduce number of approved bedrooms in existing house. Final design flow 420 GPD.
		Comments	

Insert Component Between

Component 3 Information Show/Hide Component Set Separator Remove This Component

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

--Component 3 Details--

Component Name	Main house		
Lot # Physical Location	1654 Prindle Road	Change Type	Connection to Existing System
WW Permitted Flow	420	Changes	Reduce number of approved bedrooms in existing house. Final design flow 420 GPD.
WS Permitted Flow	420	Comments	
Flow Basis	Rule		

Insert Component Between

Component 4 Information		Show/Hide Component Set Separator	Remove This Component
Component Group Type	(WS) Source	Component Type	Potable
--Component 4 Details--			
Component Name	Drilled well		
Lot # Physical Location	1654 Prindle Road	Change Type	Decreased Flow
Source Type	Drilled/Driven Well	Changes	Reduce number of approved bedrooms; final design 420 GPD
WS Design Flow	560	Comments	
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 5 Information		Show/Hide Component Set Separator	Remove This Component
Component Group Type	Building	Component Type	Building-Unit
--Component 5 Details--			
Component Name	Accessory building		
Lot # Physical Location	1654 Prindle Road	Change Type	Connection to Existing System
WW Permitted Flow	140	Changes	Reduce number of bedrooms in house, assign one (1) bedroom to accessory building
WS Permitted Flow	140	Comments	
Flow Basis	Rule		
Insert Component Between			
Component 6 Information		Show/Hide Component Set Separator	Remove This Component
Component Group Type	(WW) Final Disposal	Component Type	Mound
--Component 6 Details--			

Component Name	Mound		
Lot # Physical Location	1654 Prindle Road	Change Type	Connection to Existing System
WW Design Flow	140	Changes	Reduce number of bedrooms in house, assign one (1) bedroom to accessory building
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 7 Information Show/Hide Component Set Separator Remove This Component

Component Group Type	(WW) Conveyance	Component Type	STEP
----------------------	-----------------	----------------	------

--Component 7 Details--

Component Name	Accessory building STEP tank		
Lot # Physical Location	1654 Prindle Road	Change Type	Connection to Existing System
Municipal WW System		Changes	Reduce number of bedrooms in house, assign one (1) bedroom to accessory building
		Comments	

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	Accessory building		
Lot # Physical Location	1654 Prindle Road	Change Type	Connection to Existing System
WW Permitted Flow	140	Changes	Reduce number of bedrooms in house, assign one (1) bedroom to accessory building
WS Permitted Flow	140	Comments	
Flow Basis	Rule		

Insert Component Between

Component 9 Information		Show/Hide Component Set Separator	Remove This Component
Component Group Type	(WS) Source	Component Type	Potable
--Component 9 Details--			
Component Name	Accessory water supply		
Lot # Physical Location	1654 Prindle Road	Change Type	Connection to Existing System
Source Type	Drilled/Driven Well	Changes	Reduce number of bedrooms in house, assign one (1) bedroom to accessory building
WS Design Flow	140	Comments	
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 10 Information		Show/Hide Component Set Separator	Remove This Component
Component Group Type	(WW) Final Disposal	Component Type	Mound
--Component 10 Details--			
Component Name	Office sewer connection		
Lot # Physical Location	1654 Prindle Road	Change Type	Connection to Existing System
WW Design Flow	0	Changes	Office used by owner -- no added flow
I/A Dispersal Type		Comments	
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 11 Information		Show/Hide Component Set Separator	Remove This Component
Component Group Type	(WW) Conveyance	Component Type	Gravity
--Component 11 Details--			

Component Name	Office sewer		
Lot # Physical Location	1654 Prindle Road	Change Type	Connection to Existing System
Municipal WW System		Changes	Office used by owner – no added flow
		Comments	

Insert Component Between

Component 12 Information

Show/Hide Component Set Separator

Remove This Component

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

--Component 12 Details--

Component Name	Office		
Lot # Physical Location	1654 Prindle Road	Change Type	Connection to Existing System
WW Permitted Flow	0	Changes	Office used by owner – no added flow
WS Permitted Flow	0	Comments	
Flow Basis			

Insert Component Between

Component 13 Information

Show/Hide Component Set Separator

Remove This Component

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

--Component 13 Details--

Component Name	Office water supply		
Lot # Physical Location	1654 Prindle Road	Change Type	Connection to Existing System
Source Type	Drilled/Driven Well	Changes	Office used by property owner – no increase
WS Design Flow	0	Comments	
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 14 Information

Show/Hide Component Set Separator

Remove This Component

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

--Component 14 Details--

Component Name	Barn water/sewer		
Lot # Physical Location	1654 Prindle Road	Change Type	Connection to Existing System
WW Design Flow	0	Changes	Barn used by property owner -- no increase
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 15 Information Show/Hide Component Set Separator Remove This Component

Component Group Type	(WW) Conveyance	Component Type	Gravity
----------------------	-----------------	----------------	---------

--Component 15 Details--

Component Name	Barn sewer		
Lot # Physical Location	1654 Prindle Road	Change Type	Connection to Existing System
Municipal WW System		Changes	Barn used by property owner -- no increase
		Comments	

Insert Component Between

Component 16 Information Show/Hide Component Set Separator Remove This Component

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

--Component 16 Details--

Component Name	Barn		
Lot # Physical Location		Change Type	Connection to Existing System
WW Permitted Flow	0	Changes	Barn used by property owner -- no increase
WS Permitted Flow	0	Comments	
Flow Basis			

Insert Component Between

Component 17 Information

Show/Hide Component Set Separator

Remove This Component

Component Group Type	(WS) Source	Component Type	Potable
--Component 17 Details--			
Component Name	Barn water source		
Lot # Physical Location	1654 Prindle Road	Change Type	Connection to Existing System
Source Type	Drilled/Driven Well	Changes	Barn used by property owner -- no increase
WS Design Flow		Comments	
Allocation Approval	<input type="checkbox"/>		
Construction Approval	<input type="checkbox"/>		
Variance Requested	<input type="checkbox"/>		
As-Built Latitude			
As-Built Longitude			

Insert Component Between

Add Another Component

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	
1 of 2	Andrew D. Zins Water and Wastewater Plan	8/12/2017	11/9/2017	X
2 of 2	Andrew D. Zins Water and Wastewater Details	8/12/2017	11/9/2017	X

Add Another Plan Reference

J. Project Scoping Questions

- 1 Does this project involve the replacement of a failed wastewater system? Yes No
- 2 Does this project involve the replacement of a failed water supply? Yes No
- 3 Does this project involve construction within the buffer for a Class 2 Wetland? Yes No
- 4 Does this project involve construction within a river corridor? Yes No
- 5 Is the property within 250 feet of the mean water level of lakes greater than 10 acres in size? Yes No
- 6 Will the project require a public water supply permit? Yes 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? Yes No
- 8 Does this project require an Underground Injection Control Permit? Yes No
- 9 Is this project located in a Class A Watershed? Yes 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? Yes No 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

JH Stuart, P.E.

Consultant/Designer Role

Print Consultant/Designer Name

Consultant/Designer Signature

Signature Date

X

Add Second Consultant/Designer

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.

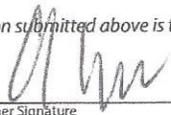
I also understand that I am not allowed to commence any site work or construction on this project without written approval from the Department of Environmental Conservation.

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."

Andrew D Zins

Print Landowner Name



Landowner Signature

8-31-17

Signature Date



Add Landowner Signature Block