

KREBS & LANSING

Consulting Engineers, Inc.

164 Main Street, Suite 201
Colchester, VT 05446
Telephone (802) 878-0375
Fax (802) 878-9618
klengineers@comcast.net

November 18, 2009

Spencer Harris
Town of Charlotte
PO Box 119
Charlotte, VT 05445

RE: Mansfield Wastewater Application
Mt. Philo Road, Charlotte

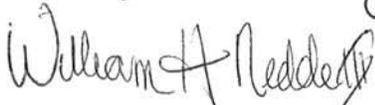
Dear Spencer,

Please find enclosed a Wastewater Disposal and Water Supply Application for the new 5-acre parcel on 768 Mt. Philo Road in Charlotte. The remaining 45-acre parcel will be permitted when a buyer finalizes the design. If land is purchased before the final design, the deferral permit language will be required in the deed.

The 5-acre property already has a constructed water supply and wastewater disposal system. The only reason for the application is to acknowledge the new 5-acre parcel.

Please call if you have any questions or comments.

Sincerely,



William H. Nedde III, P.E.
WHN/hig

CC: Lynn Mansfield

Krebs & Lansing Consulting Engineers, Inc.
164 Main Street
Colchester, VT 05446
(802) 878-0375

TD BANK, NA D/B/A TD BANKNORTH
Essex Junction, Vermont
58-003/116

23006

11/18/2009

PAY TO THE ORDER OF Town of Charlotte

\$ **50.00

Fifty and 00/100***** DOLLARS 

Town of Charlotte

Barry Stanley

MEMO

⑈023006⑈ ⑆0⑆600033⑆ ⑈604⑆9504⑈

Krebs & Lansing Consulting Engineers, Inc.

23006

Town of Charlotte

11/18/2009

9117

50.00

Checking Account-Ba

50.00

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.

Part I Applicant (Landowner) & Project Contact Information

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

1 Last Name Mansfield		2 First Name (and Middle Initial if appropriate) Lance	
3 Mailing Address Line 1 285 Atwood Road		4 Mailing Address Line 2	
5 Town/City Duxbury	6 State/Province VT	7 Country United States	8 Zip/Postal Code 05676
9 Email Address			10 Telephone

Remove This Applicant

1 Last Name Mansfield		2 First Name (and Middle Initial if appropriate) James	
3 Mailing Address Line 1 211 East Wind Drive		4 Mailing Address Line 2	
5 Town/City Waterbury Center	6 State/Province VT	7 Country United States	8 Zip/Postal Code 05677
9 Email Address			10 Telephone

Remove This Applicant

1 Last Name Gere		2 First Name (and Middle Initial if appropriate) Lisa	
3 Mailing Address Line 1 60 Kingsfield Road		4 Mailing Address Line 2	
5 Town/City	6 State/Province MA	7 Country United States	8 Zip/Postal Code 01826
9 Email Address			10 Telephone

Remove This Applicant

1 Last Name Mansfield		2 First Name (and Middle Initial if appropriate) Lynn	
3 Mailing Address Line 1 768 Mt. Philo Road		4 Mailing Address Line 2	
5 Town/City Charlotte	6 State/Province Vt.	7 Country United States	8 Zip/Postal Code 05445
9 Email Address lynn@hvt.org			10 Telephone 802-985-4916

Remove This Applicant

1 Last Name McCuin		2 First Name (and Middle Initial if appropriate) Randi	
3 Mailing Address Line 1 14 Turnberry Ridge		4 Mailing Address Line 2	
5 Town/City Essex Junction	6 State/Province VT	7 Country United States	8 Zip/Postal Code 05452
9 Email Address			10 Telephone

Remove This Applicant

1 Last Name Mansfield		2 First Name (and Middle Initial if appropriate) Marjorie	
3 Mailing Address Line 1 211 East Wind Drive		4 Mailing Address Line 2	
5 Town/City Waterbury Center	6 State/Province VT	7 Country United States	8 Zip/Postal Code 05677
9 Email Address			10 Telephone

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
<input type="button" value="Remove This Applicant"/>	

Section C - Primary Contact Information (if other than Applicant)			
1 Last Name Mansfield	2 First Name (and Middle Initial if appropriate) Lynn		
3 Mailing Address Line 1 768 Mt. Philo Road	4 Mailing Address Line 2 		
5 Town/City Charlotte	6 State/Province Vt.	7 Country United States	8 Zip/Postal Code 05445
9 Email Address lynn@hvt.org			10 Telephone 802-985-4916

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

Part II Certifying Designer(s) Information			
1 Designer Last Name Nedde, III	2 Designer First Name (and Middle Initial if appropriate) William H.		
3 Designer License# 05703	4 Company Name Krebs and Lansing Consulting Engineers Inc.		
5 Mailing Address Line 1 164 Main Street, Suite 201	6 Mailing Address Line 2 		
7 Town/City Colchester	8 State/Province Vt.	9 Country United States	10 Zip/Postal Code 05446
11 Email Address klengineers@comcast.net			12 Telephone 802-878-0375
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:		
X	(a) Town/City Parcel ID# 00027-0768	(b) Town or City Charlotte
		(c) Street or Road Location Mount Philo Road
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 <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 44.340833 °	W (-) 73.220833 °	

Part IV Project Information	
Section A - General Project Information & Questions	
1 Project Name (if applicable)	2 Total Acreage of Property
	50
3 Business Name (if applicable)	
4 Detailed Project Description	
The Owners are proposing to subdivide an existing 50+/- acre parcel into two parcels. Parcel 2 is 5.0 acres with an existing 3 bedroom farm house, with existing water and sewer services. Parcel 1 (remaining lands) is 45.0+/- and is currently vacant.	
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? <input checked="" type="radio"/> Yes <input type="radio"/> No	
6 Does this application include subdividing the property? <input checked="" type="radio"/> Yes <input type="radio"/> No	
7 Has anyone from the Wastewater Management Division's Regional Office been to the property?..... <input checked="" type="radio"/> Yes <input type="radio"/> No	
If Yes, enter the staff person's name and the date of the visit.	
(a) Name of Staff Person	(b) Date of Visit
Spencer Harris	07-13-2009
8 Will any construction occur within 50 feet of a wetland boundary, mapped or designated? <input type="radio"/> Yes <input checked="" type="radio"/> No	
<i>If Yes, contact the Wetlands Program of the Water Quality Division at (802) 241-3770.</i>	
9 Will more than one acre be disturbed during the entire course of construction, including all lots and phases? <input type="radio"/> Yes <input checked="" type="radio"/> No	
<i>If Yes, contact the Stormwater Program of the Water Quality Division at (802) 241-4320.</i>	
10 Will there be any stream crossings by roads, utilities, or other construction? <input type="radio"/> Yes <input checked="" type="radio"/> No	
<i>If Yes, contact the River Corridor Mgmt. Program of the Water Quality Division at:</i>	
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? <input type="radio"/> Yes <input checked="" type="radio"/> No	
<i>If Yes, show the special flood hazard area limits on the site plan.</i>	
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? <input type="radio"/> Yes <input checked="" type="radio"/> No	
<i>If Yes, enter the town(s) and the associated number of lots in the table below:</i>	

	(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	Charlotte	145	530
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	SP-1	Site Plan	07-31-2009	
X	S-1	Subdivision Plan	07-30-2009	
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
1	50	Single family residence

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	1	Residential	1/1/1920	n/a	<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# Parcel 2	2 Lot Size (acres) 5	3 Proposed Use of the Lot Single family residence
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?		§1-304(A)(2)
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?
<input checked="" type="checkbox"/> 2	§1-304(A)(1)	<input type="checkbox"/>
(d) Proposed Use existing farm house		
<input type="button" value="Add Another Building"/>		
<input type="button" value="Remove This Lot"/>		

1 Lot# Parcel 1	2 Lot Size (acres) 45	3 Proposed Use of the Lot vacant lot
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?		Select
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?
<input checked="" type="checkbox"/> n/a	§1-304(A)(1)	<input type="checkbox"/>
(d) Proposed Use vacant at this time (deferred)		
<input type="button" value="Add Another Building"/>		
<input type="button" value="Remove This Lot"/>		

Part V	Water Supply Information
Section A - Water Supply Screening Questions	
1 Are you proposing a new water supply for this project?	<input type="radio"/> Yes <input checked="" 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 type="radio"/> Yes <input checked="" 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? Yes No

If Yes, please submit a copy of the approval letter from the Water Supply Division.

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

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

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

If in areas of known interference issues, please contact the Water Supply Division at (802) 241-3400.

Section C - Individual Water Supply Details

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

1 Water Supply Name/Identifier Parcel 2	2 Water Supply Owner (if not Applicant)
3 Water Source Type Select	4 Type of Change to Supply 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	
X	Parcel 2		No Change	0	0	0	Rule-based
Add Another Lot/Building Served by this Supply				6	7	8	
				0	0	0	

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
X	Parcel 2	0	0	0
Add Another Water Supply		2	3	4
		0	0	0

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 Parcel 2	2 Wastewater Disposal System Owner (if not Applicant) _____
3 Wastewater Disposal System Type Mound	4 Type of Change to System No Change

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	2	2	No Change	0	0	0	0	Rule-based
Add Another Lot/Building Served by this System				6	7	8	9	
				0	0	0	0	

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
 Select

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

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

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 _____	0	0	0	0	
Add Another Wastewater System	2	3	4	5	
_____	0	0	0	0	

Part VII Application Fees

1 Fee Amount \$ 50.00

2 Fee Calculation Details

 MINOR AMENDMENT - \$50 / LOT

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.

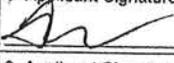
1. If we do visit your property, do you have any special instructions?

"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."

	2 Print Applicant Name	3 Applicant Signature	4 Signature Date
X	Lance Mansfield		
X	James Mansfield		
X	Lisa Gere		
X	Lynn Mansfield		11-12-07
X	Randi McCunn		
X	Marjorie Mansfield		

Add Applicant Signature Block