Applicant Name

Vermont Wetlands Program Permit Application Database Form

Under Sections 8 and 9 of the Vermont Wetland Rules



Application Submittal Instructions

If submitting via US post, include a check in the correct fee amount made payable to the "State of Vermont," and a CD for applications that contain large files (1 MB or greater).

Mail to: Vermont Wetlands Program
Watershed Management Division
One National Life Drive, Main 2
Montpelier, VT 05620-3522

- Applications can also be submitted via email to the following address: anr.wsmdwetlands@state.vt.us
 - If submitting via email, please mail a check in the correct fee amount, made payable to the "State of Vermont," and a copy of the Vermont Wetlands Program Application Database Form (this page) to the address provided above. It is not necessary to mail in a copy of the complete application.

Application Preparer Name:

Applicant Name:		•			
own where project is located: County:					
Span#:		Vermont Wetland	s Project (VWP)# if Known:		
Project Location Description:	a atia ia				
911 street address or direction from nearest interse Brief Project Summary:	ection				
Brief Project Summary.					
Application Type: □Individual Permit (m	nultiple wetlands)	After the Fact Permit	Wetland Determination		
	,	<u></u>			
□Individual Permit (single wetland) □Gen	eral Permit Coverage	Authorization	mit Amendment: VWP Project #		
Existing Land Use Type(s): (Check all that	<i>t apply)</i> □Residentia	al (single family) □Reside	ntial (subdivision) Undeveloped		
☐Agriculture ☐Transportation ☐F	Forestry □Parks/I	Rec/Trail ☐Institution	al ☐Industrial/Commercial		
Proposed Land Use Type(s): (Check all t	hat apply) \square Residentia	al (single family) \square Resider	tial (subdivision) Undeveloped		
□Agriculture □Transportation □F	orestry □Parks/l	Rec/Trail ☐Institution	al ☐Industrial/Commercial		
Proposed Impact Type(s): (Check all that	<i>apply)</i> □Buildings □	☐Utilities ☐Parking ☐	Septic/Well Stormwater		
□Driveway □Park/Path □Agriculture	□Pond □Lawn	□Dry Hydrant □Bea	ver Dam Alteration Silviculture		
□Road □Aesthetics □No Impact	□Other:				
Wetland and Buffer Impact Type: (Chec	k all that apply) Dred	dge □Drain □Cut Ve	getation Stormwater		
□Trench/Fill □Other:					
Wetland Delineation Date(s):					
			-		
Wetland Improvements	Buffer Zone	e Improvements	Reason for Improvements	-	
. , ,	Buffer Zone Restoration:	e Improvements s.f.	☐Correction of Violation		
Wetland Improvements Restoration: s.f. Creation: s.f.	Restoration: Creation:	s.f. s.f.	☐Correction of Violation ☐To offset permit impacts		
Wetland ImprovementsRestoration:s.f.Creation:s.f.Enhancement:s.f.	Restoration: Creation: Enhancement:	s.f. s.f. s.f.	☐Correction of Violation		
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Application for Authorization Under the Vermont General Wetland Permit and Determination Petition

Under Sections 8 and 9 of the Vermont Wetland Rules



Applicant Name: David & Linda & Ben Schlatka (Ben is the contact person for this proj	ect)						
Address: 18 Simon Atherton Row	City/Town: Harvard	State MA	Zip: 01451				
Phone Number: 617-680-6258 Email Address: bschlatka@gmail.com							
Applicant Certification:							
By signing this application you are certifying that all of the infor	mation contained within is true, a	accurate, and compl	ete to the best of				
your knowledge. Original signature is required.							
		2 -	1.				
		Date: 7.3/	2011				
Applicant Signature:	<u> </u>	Date:	2016				
•							
Landowner Information: Landowner must sign the application.	If landowner is different from the app	plicant this section mu	st be filled out				
Check this box if landowner is the same as the app	olicant						
Landowner Name; David & Linda Schlatka							
Address: 18 Simon Atherton Row	City/Town Harvard	State: MA	Zip: 01451				
Phone Number: 617-680-6258	Email Address: bschlatkat@gmail.com	n					
Landowner Easement: Attach copies of any easements, agreement	ts, or other documents conveying pe	rmission, and agreeme	ent with the				
landowner stating who will be responsible for meeting the terms and co		chment for this infor	nation in this				
section. Describe the nature of the agreement or easement in the	space provided below:						
N/A no easement is involved with this project.							
, ,							
Landowner Certification:							
By signing this application you are certifying that all the information	ition contained within is true, acc	urate, and complete	to the best of				
your knowledge. Original signature is required.	1 . 1						
Landowner Signature: Daved School	H.	7-3	1-2016				
Landowner Signature: ////	n ce	Date:	1-416				
Application Preparer Information: Consultant, engineer, or	other representative that is responsit	ole for filling out the ap	olication, if other				
than the applicant or land	lowner.						
Application Preparer Name: Patricia Greene-Swift							
Address: 1 Conti Circle	City/Town Barre	State: vT	Zip:05641				
Phone Number: 802-479-7480	Email Address: gbenvironmental@ear	thlink.net					
Application Preparer Certification:							
By signing this application you are certifying that all of the inform	mation contained within is true, a	ccurate, and comple	te to the best of				
your knowledge. Original signature is required.							
Patricia E. Greene-	Digitally signed by Patricia E.	,					
Application Preparer Signature: Swift	Greene-Swift Date: 2016.07.15 10:35:13 -05'00'	July 15, 2	2016				
Application Preparer Signature:	Date. 2010.01.10 10.30.13 -05 00	Date:					

Applicant Information: If the applicant is someone other than the landowner, the landowner information must be included below

Handwritten signatures are also accepted.

Location of wetland and project: (Individual Permit Application [IPA] Section 1)
 Location description should include the road the wetland is located on, the compass direction of the wetland in relation to the road, 911 street address if available, and any other distinguishing features.
 Program Contact: (IPA Section2)
 Indicate here if you have been in contact with the Wetlands Program before the application submittal.

 2.1 Date of Interaction with State Wetland
 Ecologist

3. Wetland Classification: (IPA Section 3)

3.1. The wetland is a class II wetland because: (IPA Section 3.1)

3.2. Section 4.6 Presumption (IPA Section 3.2)

If the wetland meets the Section 4.6 Presumption, it does so because:

4. Description of Entire Wetland: (IPA Section 4)

Answer the following questions regarding the entire wetland, which includes all wetland areas connected to the wetland area proposed for impact. Answers may be estimates based on desktop review when wetland extends past the investigation area (parcel boundary). Specific questions about the wetland in the project area will follow.

4.1. Size of Complex in Acres: (IPA Section 4.1)

The size of the complex can be obtained from the Wetland Inventory Map for mapped wetlands, or best estimation based on review of aerial photography or site visit. This is not the size of the of the delineated wetland on the subject property unless the entirety of the wetland is represented in the delineation.

4.2. Vegetation Cover Types Present: (IPA Section 4.2)

List all wetland types in the entire wetland and their percent cover.

For example: 50 acres of softwood forested swamp; or 30% scrub swamp, 70% emergent wetland

4.3. Pre-project Cumulative Impacts to the Wetland: (IPA Section 4.7)

Identify any cumulative ongoing impacts outside of the proposed project that may influence the wetland. **Examples include but are not limited to:** Wetland encroachments on and off the subject property, land use management in or surrounding the wetland, or development that influences hydrology or water quality. List any past Vermont Wetland Permits or CUD's related to this property.

5. Context of Subject Wetland: (IPA Section 5.1)

Describe where the subject wetland is in the context of the larger wetland or wetland complex described above. **For example:** Upslope/downslope, narrow eastern "finger", 400 ft. from open water portion.

6. Subject Wetland Vegetation: (IPA Section 5.3)

List dominant wetland vegetation cover type and associated dominant plant species. For example: emergent marsh with cattails; forested swamp dominated by red maple and yellow birch; shrub swamp dominated by speckled alder and peat moss; wet meadow dominated by reed canary grass.

7. Buffer Zone: (IPA Section 5.6)						
Describe the buffer zone of the subject wetland 7.1 Buffer Land Use: (IP Section 5.6.1)						
For example: Mowed shoulder, forested, old field, paved road, and residential lawns, etc.						
Describe any previous and ongoing disturbance in the buffer zone.						
Describe any previous and ongoing distant	Describe any previous and ongoing disturbance in the buller zone.					
Q. Matland Function Commons (IDA Continue)						
8. Wetland Function Summary: (IPA Section 6) Check which functions are present in the wetland comp	Nov					
☐ Flood/Storm Storage	□ RTE Species					
☐ Surface & Groundwater Protection	☐ Education & Research					
☐ Fish Habitat	☐ Recreation/Economic					
☐ Wildlife Habitat	☐ Open Space/Aesthetics					
☐ Exemplary Natural Community	☐ Erosion Control					
	□ Elosion Control					
O Overall Project Description: (IDA Section 47)						
9. Overall Project Description: (IPA Section 17) 9.1. Overall Project Purpose: (IPA Section 17.1)						
Description of the basic project.						
	expansion of an existing commercial building, building					
a single family residence.	paralision of an existing commercial ballating, ballating					
a onigio ranniy recidencer						
10. Project Details: (IPA Section 18)						
Provide details regarding specific impacts to the wetland	d and buffer zone.					
g specime in passe to and in case.						
10.1. Specific Impacts to Wetland and Buffer Zo	ne Dimensions: (IPA Section 18.1)					
	y impact the wetland or buffer zone and their dimensions.					
	le fill, installation of buried sewer force main with 5' trench					
Including fill footprint.						
10.2. Bridges and Culverts: (IPA Section 18.2)						
	shapes, or bridge details. List any stream alteration					
permits that are required or obtained where p						
pormito and an oroquirod or obtained whore p	S. S. M. S. C. Collins of The Collin					

11. Wetland and Buffer Zone Impacts: (IPA Section 19)

11.1. Wetland Impacts: (IPA Section 19.1)

Summarize the square footage of impact in the appropriate category. Round to nearest square foot

Permanent Wetland Fill	s.f.
Temporary Wetland Impact	s.f.
Other Permanent Wetland Impact	s.f.
(this number includes clearing of woody	
vegetation, dredging, and does not include fill)	
Total Wetland Impact:	s.f.

Describe in detail the proposed impact to wetlands

For example: Fill for road crossing, temporary impacts for trench and fill related to utility installation.

11.2. Buffer Zone Impacts: (IPA Section 19.2)

Summarize the square footage of impact in the appropriate category.

Temporary Buffer Impact	s.f.
Permanent Buffer Impact	s.f.
Total Buffer Impact:	s.f.

Describe in detail the proposed impact to buffer zones

For example: Addition of fill along roadway embankment extending into buffer zone.

11.3. Cumulative Impacts: (IPA Section 19.3)

List any potential cumulative or ongoing, direct and indirect impacts on the functions of the wetland. **For example:** Increased noise from parking lot, vegetation management, inputs from stormwater pond outlet, reduction in flood storage volume from the addition of fill from the project.

12. Mitigation Sequence: (IPA Section 20)
Please refer to Section 9.5b of the rules on Mitigation Sequencing for this section.
12.1. Avoidance of Wetland Impacts: (IPA Section 20.1)
12.1.1. Can the activity be located on another site owned or controlled by the applicant, or reasonably available to satisfy the basic project purpose? If not, indicate why. Cite any alternative sites and explain why they were not chosen.
12.1.2. Can the proposed activity be practicably located outside the wetland/buffer zone? If not, indicate why. Explain the alternatives you have explored for avoiding the wetland and buffer onsite, And why they are not feasible.
12.2. Avoidance to the Impact to Functions and Values: (IPA Section 20.2)
12.2.1. If the proposed activity cannot be practicably located outside the wetland/buffer zone, have all practicable measures been taken to avoid adverse impacts on protected functions? □ Yes □ No
12.2.2. What design alternatives were examined to avoid impacts to wetland function? For example: Use of matting, relocation of footprint, etc.
12.2.3. What steps have been taken to minimize the size and scope of the project to avoid impacts to wetland functions and values? Include information on project size reduction and relocation.
12.2.4. Explain how the proposed project represents the least impact alternative design. Explain why other alternatives, which you described above, were not chosen.

Last Revision	Author		Title		
rovide any other docui xamples include but	mentation that sup are not limited to	oports the application		restoration/plan,	
Title		Author	Date	Last Revision	
lease list by date, date nd buffer zones, limits emorialization.	e of last revision, a	rosion controls, build			
O'(- Dl(-)	00.0)				
24.0					
rovide a location map he Vermont Natural Re	that is 8 ½" x 11" esources Atlas is			base layer,	
NAL MATERIALS REC	QUIRED TO CAL	L APPLICATION CO	<u>OMPLETE</u>		
Materials: //D Section	22)				
Please provide any nar revious decisions by the functions and values oplication and describe	rative to support the Secretary or Was present. Here a sed in section 5 of the section 5 of	he petition for a wet l'ater Board. Determ dd narrative descrip the Vermont Wetland	ninations are made ba tion on the functions l d Rules. For exampl e	sed on an evaluation sted in section 8 of t e: Wetland provides	
		enu.			
eason for Petition: (//	P Section 21.1)		•	•	
and is not mapped on		mont Significant We he Vermont Significa	ant Wetland Inventory	Мар	
	etermination Narrative Please provide any narrative Please provide any narrative Please provide any narrative Please provide and values opplication and describe Plant of the Plant of the Vermont Natural Report of the	Please provide any narrative to support to revious decisions by the Secretary or What for functions and values present. Here are polication and described in section 5 of the return and surface water protection atter storage and vsw wetlands. Date Site Plan(s): (IP Section 22.2) lease list by date, date of last revision, and buffer zones, limits of disturbance, enterprivate and buffer zones, limits of disturbance, enterprivate include but are not limited to its shapefiles, additional ACOE forms.	lease choose one from the dropdown menu. Letermination Narrative: (IP Section 21.2) Please provide any narrative to support the petition for a wet vious decisions by the Secretary or Water Board. Determine functions and values present. Here add narrative descripe polication and described in section 5 of the Vermont Wetlan after storage and surface water protection because it is large. MAL MATERIALS REQUIRED TO CALL APPLICATION CONTROL (IP Section 22.1) Provide a location map that is 8 ½" x 11" and separate from a the Vermont Natural Resources Atlas is appropriate using Unioads, and VSWI wetlands. Date Site Plan(s): (IP Section 22.2) Please list by date, date of last revision, author, and title. Plant buffer zones, limits of disturbance, erosion controls, build memorialization. Title Author Author Author	lease choose one from the dropdown menu. Setermination Narrative: (IP Section 21.2) Please provide any narrative to support the petition for a wetland determination herevious decisions by the Secretary or Water Board. Determinations are made base functions and values present. Here add narrative description on the functions linguistication and described in section 5 of the Vermont Wetland Rules. For example later storage and surface water protection because it is large in size, concave, and start storage and surface water protection because it is large in size, concave, and the vermont Natural Resources Atlas is appropriate using USGS topography map oads, and VSWI wetlands. Date Title Site Plan(s): (IP Section 22.2) lease list by date, date of last revision, author, and title. Plans must include wetlar and buffer zones, limits of disturbance, erosion controls, building envelopes, and an elemorialization. Title Author Date ther Supporting Documents: (IP Section 22.5) rovide any other documentation that supports the application. xamples include but are not limited to: Photographs, easements, agreements, IS shapefiles, additional ACOE forms.	



Back of garage with apartment above



Edge of parcel in front of wetland



Wetland beyond the treed edge of the parcel

WETLAND DETERMINATION DATA FORM – Northcentral and Northeast Region

Project/Site: Addition to West Lake Rd bldg/Lake Raponda City/County: Wilmington/Windham Co. Sampling Date: 2 June 2016
Applicant/Owner: David, Linda & Ben Schlatkat State: VT Sampling Point: Wetland A
Investigator(s): Patricia Greene-Swift Section, Township, Range: N/A
Landform (hillslope, terrace, etc.): Terrace/step in slope Local relief (concave, convex, none): Concave Slope (%): 1%
Subregion (LRR or MLRA): LRR R Lat: 42.87789 Long: -72.82135 Datum: DD
Soil Map Unit Name: Mundal fine sandy loam 15 - 25 percent slopes, very stony NWI classification: Non-hydric
Are climatic / hydrologic conditions on the site typical for this time of year? Yes Yes No (If no, explain in Remarks.)
Are Vegetation No Soil No or Hydrology No significantly disturbed? Are "Normal Circumstances" present? Yes Yes No
Are Vegetation No_, Soil No_, or Hydrology No_ naturally problematic? (If needed, explain any answers in Remarks.)
SUMMARY OF FINDINGS - Attach site map showing sampling point locations, transects, important features, etc.
Hydrophytic Vegetation Present? Yes Yes No Is the Sampled Area
Hydric Soil Present? Yes Yes No within a Wetland? Yes Yes No
Wetland Hydrology Present? Yes Yes No If yes, optional Wetland Site ID: Plot is southwest of flag 1
Remarks: (Explain alternative procedures here or in a separate report.)
Wetland plot sampling was done approximately 10 feet south of flag A-1
HYDROLOGY
Wetland Hydrology Indicators: Secondary Indicators (minimum of two required)
Primary Indicators (minimum of one is required; check all that apply) Surface Soil Cracks (B6)
\underline{X} Surface Water (A1) \underline{X} Water-Stained Leaves (B9) \underline{X} Drainage Patterns (B10)
X High Water Table (A2)
X Saturation (A3) Marl Deposits (B15) Dry-Season Water Table (C2)
$\frac{X}{X}$ Water Marks (B1) $\frac{X}{X}$ Hydrogen Sulfide Odor (C1) $\frac{X}{X}$ Crayfish Burrows (C8)
X Sediment Deposits (B2) Oxidized Rhizospheres on Living Roots (C3) X Saturation Visible on Aerial Imagery (C9)
Drift Deposits (B3)
X Iron Deposits (B5) Thin Muck Surface (C7) Shallow Aquitard (D3)
Inundation Visible on Aerial Imagery (B7) Other (Explain in Remarks) Microtopographic Relief (D4)
Sparsely Vegetated Concave Surface (B8) FAC-Neutral Test (D5)
Field Observations:
Surface Water Present? Yes Yes No Depth (inches): 1"
Water Table Present? Yes Yes No Depth (inches): At surface
Saturation Present? Yes Yes No Depth (inches): To surface Wetland Hydrology Present? Yes Yes No
(includes capillary fringe) Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:
3-13-1 market and (another grant and another grant another grant and another grant another grant and another grant another grant and anoth
Remarks:
Wetland hydrology was evident throughout this wetland.

Sampling Point: Wetland A

Depth	cription: (Describe Matrix	to the depi		ment the l ox Feature		or contirn	n the absence of	r indicators.)
(inches)	Color (moist)	%	Color (moist)	<u> %</u>	_Type ¹	_Loc ²	Texture	Remarks
0" - 7"	7.5YR 2.5/1	100%		-			Muck	
*								
		-		_				
	C. C							
				_				
		·						
	-							
		. ——						
	No.							
		· ——						
¹Type: C=C	oncentration, D=Dep	lotion DM-	Poduced Matrix MS	S-Maskad	Sand Gr		² l coation: l	PL=Pore Lining, M=Matrix.
Hydric Soil		iction, ixivi-	reduced Matrix, Mis	3-Masked	i Sanu Gra	11115.		r Problematic Hydric Soils ³ :
X Histosol			Polyvalue Belov	w Surface	(S8) (LRF	R,		ck (A10) (LRR K, L, MLRA 149B)
	oipedon (A2)		MLRA 149B)				Coast Pr	airie Redox (A16) (LRR K, L, R)
Black Hi			Thin Dark Surfa					cky Peat or Peat (S3) (LRR K, L, R)
	n Sulfide (A4) d Layers (A5)	•	Loamy Mucky Mocky Moc			, L)		face (S7) (LRR K, L) e Below Surface (S8) (LRR K, L)
	d Below Dark Surface	e (A11)	Depleted Matrix		,			Surface (S9) (LRR K, L)
	ark Surface (A12)		Redox Dark Su					ganese Masses (F12) (LRR K, L, R)
	Mucky Mineral (S1)		Depleted Dark		7)			t Floodplain Soils (F19) (MLRA 149B)
	Gleyed Matrix (S4) Redox (S5)	-	Redox Depress	ions (F8)				odic (TA6) (MLRA 144A, 145, 149B) ent Material (F21)
	Matrix (S6)							llow Dark Surface (TF12)
Dark Su	rface (S7) (LRR R, N	/ILRA 149B)				Other (Ex	rplain in Remarks)
³ Indicators o	f hydrophytic vegetat	tion and wel	iland hydrology mus	st be prese	ent. unless	disturbed	or problematic	
	_ayer (if observed):			. 20 р. 33	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,			
Type: Ro	ock							
Depth (inc	_{ches):} 7 inches						Hydric Soil Pr	resent? Yes <u>Yes</u> No
Remarks:								
Soil in the	wetland plot did	not matcl	h the mapped M	lundel fi	ne sand	y loam, l	but was very r	ocky.
								,
								ļ

WETLAND DETERMINATION DATA FORM – Northcentral and Northeast Region

Project/Site: Addition to We	est Lake Rd bldg/Lak	e Rapondઃ _{City/C}	county: Wilmi	ngton/Windham	Co. Sampl	ing Date: 2	June 2016
Applicant/Owner: David, Line				State: \		-	
Investigator(s): Patricia Gre		Section				. 0	
Landform (hillslope, terrace, etc					ave	Slope	(%)· 1%
Subregion (LRR or MLRA): LF				ong: -72.82135			
Soil Map Unit Name: Mundal				-			
							<u> </u>
Are climatic / hydrologic condition	* *	•		*			
Are Vegetation No , Soil No				e "Normal Circumsta	•		No
Are Vegetation No , Soil No	O, or Hydrology NO	_ naturally problema	atic? (If	needed, explain any	answers in Re	marks.)	
SUMMARY OF FINDING	S – Attach site ma	p showing sam	pling point	t locations, tran	sects, impo	ortant fea	tures, etc.
Hydrophytic Vegetation Prese	nt? Yes	No No	Is the Sampl	ed Area			
Hydric Soil Present?	Yes	No No	within a Wet	land? Yes	No	<u>No</u>	
Wetland Hydrology Present?			If ves, optiona	al Wetland Site ID: _	Plot is north	of flags 1	& 2
Remarks: (Explain alternative		separate report.)	, , , , , , , , , , , , , , , , , , , ,				
Upland plot sampling wa	s done approximatel	v 10 feet to the	north of the	wetland edge.			
		,					
HYDROLOGY							
Wetland Hydrology Indicato	re.			Secondan	y Indicators (mi	nimum of tw	o required)
Primary Indicators (minimum of		all that anniv			ce Soil Cracks		o required)
Surface Water (A1)		/ater-Stained Leaves	e (B0)		age Patterns (E		
High Water Table (A2)		quatic Fauna (B13)	s (Da)		Trim Lines (B1		
Saturation (A3)		larl Deposits (B15)			eason Water T		
Water Marks (B1)		ydrogen Sulfide Odd	or (C1)		ish Burrows (C		
Sediment Deposits (B2)		xidized Rhizosphere			ation Visible on		erv (C9)
Drift Deposits (B3)		resence of Reduced			ed or Stressed	_	, (,
Algal Mat or Crust (B4)		ecent Iron Reduction			norphic Position		
Iron Deposits (B5)	T	hin Muck Surface (C	7)		ow Aquitard (D3		
Inundation Visible on Aeri	al Imagery (B7) O	ther (Explain in Rem	narks)	Micro	topographic Re	lief (D4)	
Sparsely Vegetated Conc	ave Surface (B8)			FAC-1	Neutral Test (D	5)	
Field Observations:			, _				
Surface Water Present?	Yes No No [
Water Table Present?	Yes No No [
Saturation Present?	Yes No <u>No</u> [Depth (inches): <u>N/</u>	<u>'A </u>	Vetland Hydrology	Present? Yes	s	No No
(includes capillary fringe) Describe Recorded Data (stre	am gauge, monitoring we	II aerial photos prev	vious inspection	ns) if available:			
Boomso Hoodidad Bala (olio	an gaage, monitoring no	ii, donai priotoo, prot	vious inspection	no), n a tanabio.			
Remarks:							
No wetland hydrology wa	as present in the upl	and plot, which i	s a mowed	lawn.			

Sampling Point: Upland A

Profile Desc	ription: (Describe	to the dept	h needed to docur	nent the i	ndicator	or confirn	n the absence	of indicators.)	
Depth	Matrix			x Features		Loc ²	Touturo	Domerke	
(inches) 0" - 3"	Color (moist) 7.5YR 3/2		Color (moist)	%	Type ¹	LOC	Texture Sandy L.	Remarks Sandy loam	
3" - 7"	7.5YR 3/2	70%					Loamy S.	Loamy sand mixed soil on	
3" - 7"	7.5YR 2.5/1	60%		-			Loamy S.	lawn, very dry and friable	
		-							
***							-		

-							•		
-									
**********		 -						William	
					-				
		. ———					-		
							-		
¹ Type: C=Ce	oncentration, D=Dep	letion, RM=	Reduced Matrix, MS	S=Masked	Sand Gra	ains.	2Location	n: PL=Pore Lining, M=Matrix.	
Hydric Soil								for Problematic Hydric Soils ³ :	
Histosol	(A1) pipedon (A2)	-	Polyvalue Belov MLRA 149B)		(S8) (LRF	R,		Muck (A10) (LRR K, L, MLRA 149B) Prairie Redox (A16) (LRR K, L, R)	
Black Hi	• • •	ے	Thin Dark Surfa		.RR R, ML	.RA 149B)		Mucky Peat or Peat (S3) (LRR K, L, R)	
	n Sulfide (A4)	-	Loamy Mucky N			L)		Surface (S7) (LRR K, L)	
	l Layers (A5) I Below Dark Surface	- e (A11)	Loamy Gleyed I Depleted Matrix)		Polyvalue Below Surface (S8) (LRR K, L) Thin Dark Surface (S9) (LRR K, L)		
	ark Surface (A12)		Redox Dark Sui	face (F6)			Iron-M	langanese Masses (F12) (LRR K, L, R)	
	lucky Mineral (S1)	-	Depleted Dark S		7)			ont Floodplain Soils (F19) (MLRA 149B)	
	ileyed Matrix (S4) edox (S5)	-	Redox Depress	ions (F8)				Spodic (TA6) (MLRA 144A, 145, 149B) arent Material (F21)	
Sandy Redox (S5) Stripped Matrix (S6)					Very Shallow Dark Surface (TF12)				
Dark Su	rface (S7) (LRR R, N	ILRA 149B)	•				Other	(Explain in Remarks)	
	f hydrophytic vegetat		land hydrology mus	t be prese	ent, unless	disturbed	or problemation	с.	
	_ayer (if observed):								
Type: Ro	ches): 7 inches		the state of the s				Hydric Soil	Present? Yes No No No	
Remarks:							<u></u>		
	upland plot was	likely the	as mapped Mui	ndal fine	sandy l	oam.			



137.0

WGS_1984_Web_Mercator_Auxiliary_Sphere

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West Lake Rd, Wilmington

68.00

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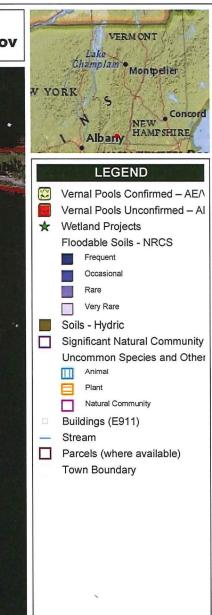
vermont.gov

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137.0 Meters

27

1cm =

THIS MAP IS NOT TO BE USED FOR NAVIGATION

NOTES

Map created using ANR's Natural Resources Atlas by PEGS

