# An Introduction to Stream Wise

4/11/2022 VTCAC Meeting

# Bringing neighbors together to protect and restore healthy waterways across the Lake Champlain Basin







The Image Farm – Matt & Pam Heywood

Greenleaf Design – Holly Greenleaf











# Partner Recognition

# Phase 1 – Program Development

Federal, state/provincial, and local NGOs input

### Project Advisory Committee (7)

- US & VT Fish & Wildlife
- NY & VT Depts. of Environmental Conservation
- OBVBM (Organisme de bassin versant de la baie Missiquoi)
- · Adirondack Park Agency
- Lake Placid Land Conservancy

### Community Partners (10)

- Lake Champlain Sea Grant
- Watersheds United VT
- VT River Conservancy
- Poultney-Mettowee NRCD
- · Friends of the Winooski River
- CWICNY (Champlain Watershed Improvement Coalition)
- LCLGRPB (Lake Champlain Lake George Regional Planning Board)
- Lake George Association
- Ausable River Association
- MRC Brome-Missisquoi

# Phase 2 – Pilot Program Regional program testing

### Partner organizations (6)

- Friends of the Winooski
- Ausable River Association
- OBVBM
- WUV
- VT Fish and Wildlife
- Lake Champlain Sea Grant

# 1 - Establish Foundation/Resource Library

Project Team conducted initial information gathering tasks related directly to stream restoration regulatory standards, non-regulatory programs, and funding opportunities for the Lake Champlain Basin, leading to a synthesized programmatic foundation from which to build the Stream Wise Award Program.

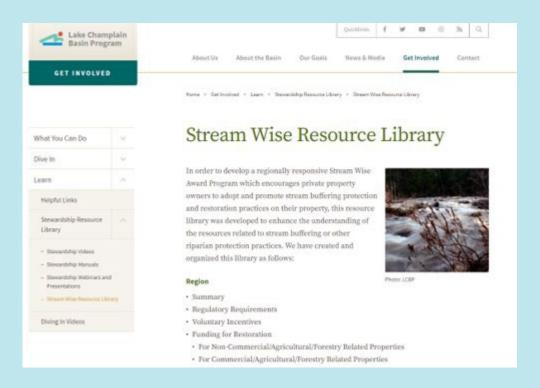
#### **Output:**

Unified resource library of regulatory standards and non-regulatory programs by region

# 51-page Resource Library Summary and

**Excel-based database that contains <u>154 resources</u> used to develop this regionally responsive Stream Wise Program** 

- 40 VT resources
- 58 NY resources
- 29 QC resources
- 27 stream buffer literature resources

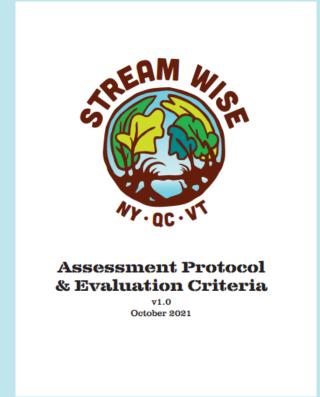


- 1 Establish Foundation/Resource Library
- 2 Solicit Feedback/Program Outline

Project Team held meetings with LCBP, PAC, and CPs to gather additional information on stream restoration programs, Best Management Practices, and other information to ultimately inform Stream Wise Award Program development for the entire Basin.

#### Outputs:

- Outline of regionally responsive assessment criteria and award levels
- Methods and standard procedures to carry out award program and provide BMP recommendations

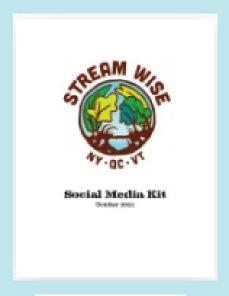


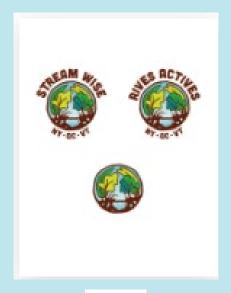
- 1 Establish Foundation/Resource Library
- 2 Solicit Feedback/Program Outline
- 3 Program Development/Branding and Communications Plan

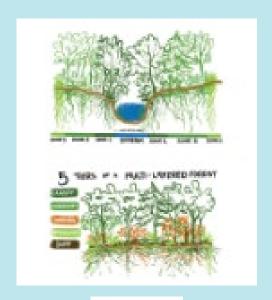
Project Teams used information from the first two steps to guide the development of Stream Wise Award Program criteria, standards, and award levels, as well as inform the development of the branding and communications plan.

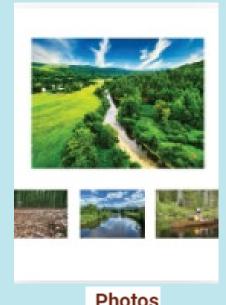
### **Outputs:**

- **Branding Materials**
- Communications Plan









Social Media Kit

Logos

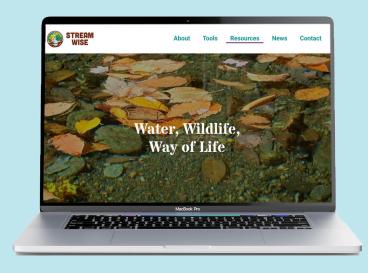
Graphics

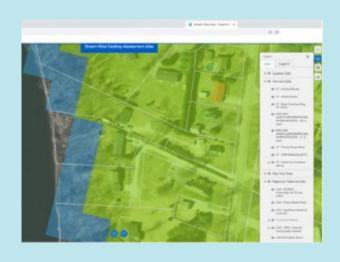
**Photos** 

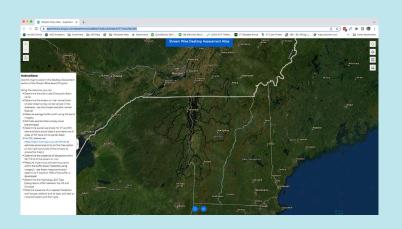
- 1 Establish Foundation/Resource Library
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- 3 Program Development/Branding and Communications Plan

Additions - Stream Wise website & Stream Wise Data Collection App and online assessment resource

**AND translation of all material into French** 







Website

**Fulcrum Application** 

**Desktop Assessment Atlas** 

# What is Stream Wise?

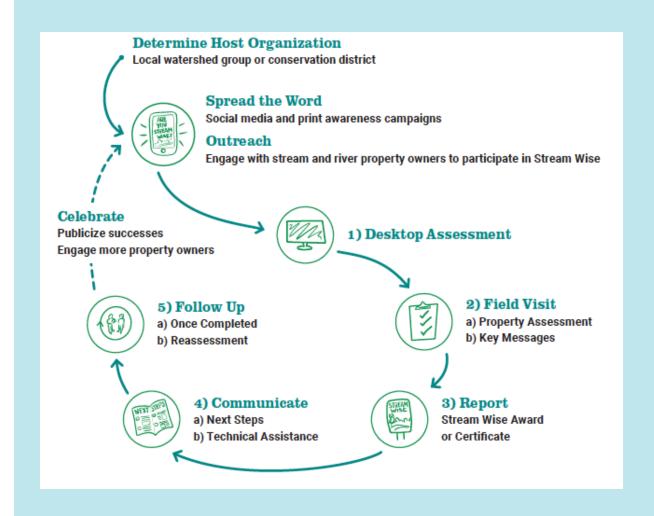
A valuable, voluntary, inclusive, basin-wide tool

that can be used by our partners to

Inform and incentivize communities within the Lake Champlain Basin to engage in activities that enhance and protect water quality, aquatic/riparian habitat, and increase flood resiliency."



- Voluntary Award Program
- Targets residential properties
- Leverages social marketing using social media
- Awareness Campaign & Assistance Resource



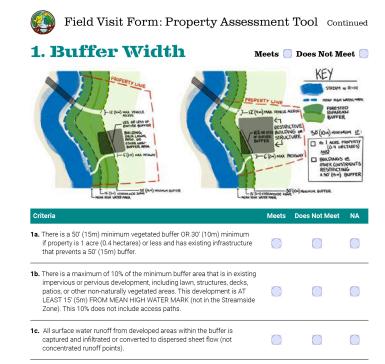
# What are we trying to create?

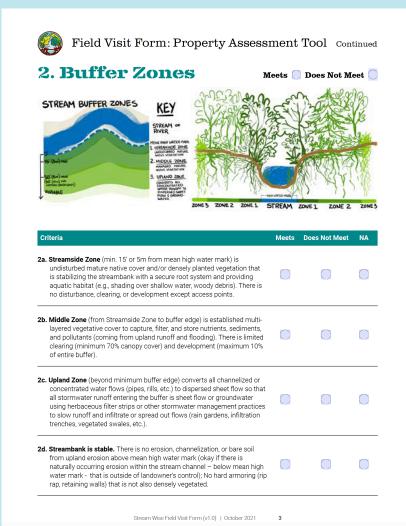
- 50' (or 30') wide buffer
- Native & Naturalized Vegetation
- Multi-tiered canopy
- No (or minimal) impervious and pervious cover (disconnected wherever possible)
- It's inclusive Stream Wise helps properties achieve good buffer conditions – to maintain good stream integrity.
- Educational teaches owners simple practices that go a long way.





# **Buffers - Three Primary Criteria**





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Stream Wise Field Visit Form (v1.0) | October 2021

1d. Foot paths or stairs are 6' (2m) wide or less and are minimized

1f. Access points are pervious and infiltrating water or are hydrologically

disconnected (all water runoff is diverted into vegetated areas, spread out,

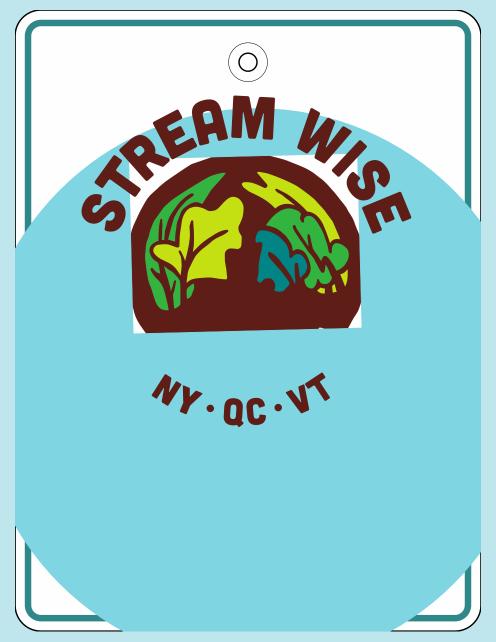
and infiltrated using switchbacks, water bars, crowned roads, turnouts,

(e.g., remove unnecessary paths).

1e. Vehicle access is 12' (4m) wide or less.

rock aprons, etc.).

# Landowner Follow-Up





### Certificate of Participation

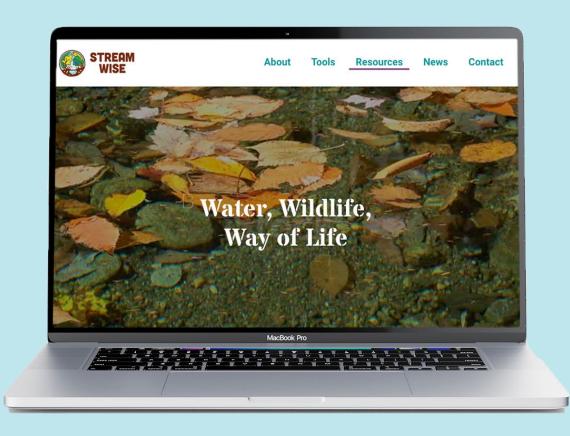
Thank you for joining Stream Wise.

Name: _		<u></u>
Address	S:	<u> </u>
watershed. Based on your prope	our stream community in the erty evaluation, here is a quick so opportunities for more stream w	ummary of current stream
	STREAM WISE CRITERIA	_
This prop	perty: Meets $\bigcirc$ Does Not Meet	$\circ$
	•	eam Wise Property.
Contact: Name	Email	Phone
Host Organiz	ation	
stre	amwicechamplain org	•

# Branding and Communications



# Spread the Word – Social Marketing



# **Social Media:**

- Facebook
- YouTube
- Instagram

# **But Also:**

Peer-to-Peer



# Assessment Protocol & Evaluation Criteria

v1.0 October 2021



#### Certificate of Participation

Thank you for joining Stream Wise.

atershed. Based on your p	of your stream community in the _ property evaluation, here is a quick and opportunities for more strean	summary of current stream
	STREAM WISE CRITERIA	
This	property: Meets O Does Not Me	et O
GOOD PRACTICES	IMPROVEMENT AREAS	POSSIBLE SOLUTIONS
<u> </u>	<u> </u>	S-0

streamwisechamplain.org



#### Field Visit Form

#### Property Assessment Tool

on commonly accepted best management practices (BMPs) for repairan areas the protect the health of termsen and adjacent land. The goal of the Stream Wise Program is to protect and enhance manuful vegetated of search buffer and encourage other practices that benefit water quality, aquatto and riparian habitat, and increase flood realizers. This program is not finded our performent action. If yo have any questions about the qualifying score, please contact the hor organization. Sites that are awarded the Stream Wise aign reparamodel, stream-friendly properies. Thank you for your participation!

Date			ganization. Sites that are odel, stream-friendly prop	awarded th	e Stream Wis	
Evaluator			ream Wise uses Fulcrum			
Host Org			ore and Google Play. Con			
Stream / River			Basin_			
Property owner(s)						
Mailing address (year-ro	und) Stre	et			Apt	/Suite
Fown/City			State/Province	ZIP/	Postal Code	
Site Assessment Addres	s Stre	et			Apt	/Suite
Fown/City			State/Province	ZIP/F	ostal Code _	
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# **Materials**

# **Style Guide**

- Brand standards and tips
- Links to logos, colors and fonts

#### Social media kit

- Links to approved photos and graphics
- Hashtag recommendations and inspiration
- Sample posts

#### **Outreach Materials**

- Sign
- Certificate
- Social media accounts (in progress)
- Website (in progress)

# Methods

#### **DIGITAL**

#### Website

- All about Stream Wise
- Practitioner tools and resources
- Site development in progress

#### **Social Media**

- Facebook, Instagram and YouTube
- Social Media Kit serves as startup guide
- Accounts owned by LCBP (in progress)

#### **Email Newsletter**

- Highlight people and happenings
- Annual reports, etc.
- Volunteer opportunities

### **Analytics**

Track visitors, views and engagement

#### IN REAL LIFE

#### Site assessments

- Free evaluations!
- Recommendations & technical resources
- Award Sign
- Pilot program

### **Social gatherings**

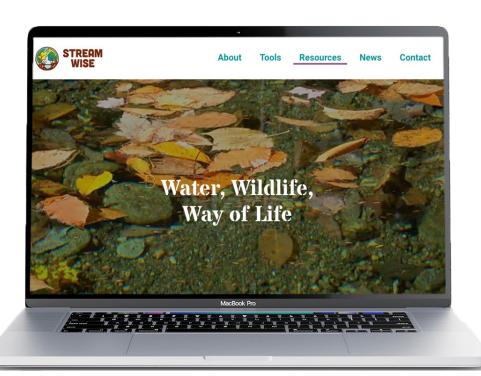
- Local presentations / workshops
- Neighborhood events to spread the word, e.g., Stream Wise Walk & Talk, Beers & Buffers

#### **Swag**

Koozies, hats, stickers, etc.

#### **Print**

- Posters, postcards, follow-up surveys
- As needed/funded



# **Best Practices**

### Website

- Update content regularly (e.g. news posts)
- Link to blog from social media

#### **Social Media**

- Post weekly, engage daily
- Integrate with website posts

#### **Email**

- Send newsletter seasonally
- Engage with specific audiences

# **Analytics**

Monitor outcomes regularly and after each campaign

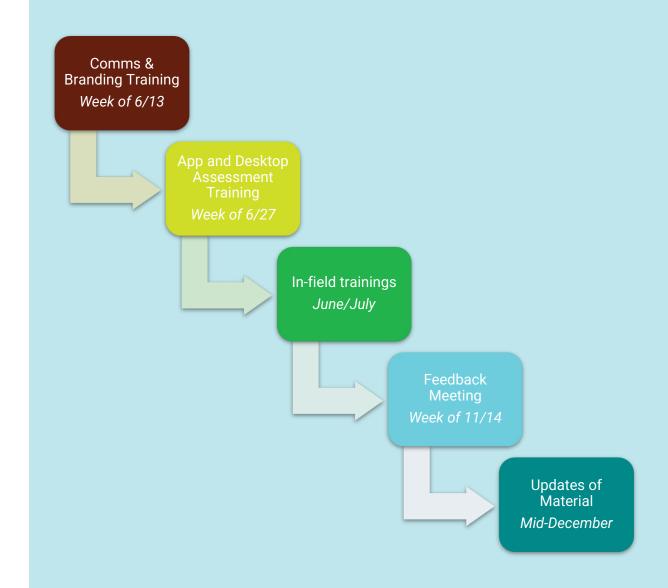


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# Next Steps – Summer 2022

**Stream Wise Pilot Year Season** 







**THANK YOU!** 

**QUESTIONS?** 









