Central Vermont Regional Planning Commission – Clean Water Advisory Committee

14 September 2023

4:00	Call to order & Roll call
4:05	Approve August CWAC minutes (action)
4:10	Updates to agenda
4:15	Public Comment
4:20	Presentation on Tactical Basin Plan (Keith Fritschie)
5:05	Tactical Basin Plan (discussion)
5:20	Clean Water Service Provider update (discussion)
5:35	FEMA Map Updates (discussion)
5:50	Upcoming meetings and partners (discussion)
6:00	Adjourn

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Clean Water Service Provider Update

- Winooski Basin Water Quality Council voted to prioritize funding for design of a berm removal project
 - Project Implementor: Vermont Land Trust
 - Project Location: Marshfield
 - ♦ P-reduction: Early estimate suggests ~ 120 kg / yr
- ♦ Project Solicitation Round 2
 - Request for Proposals closed on 1 September 2023
 - No proposals submitted

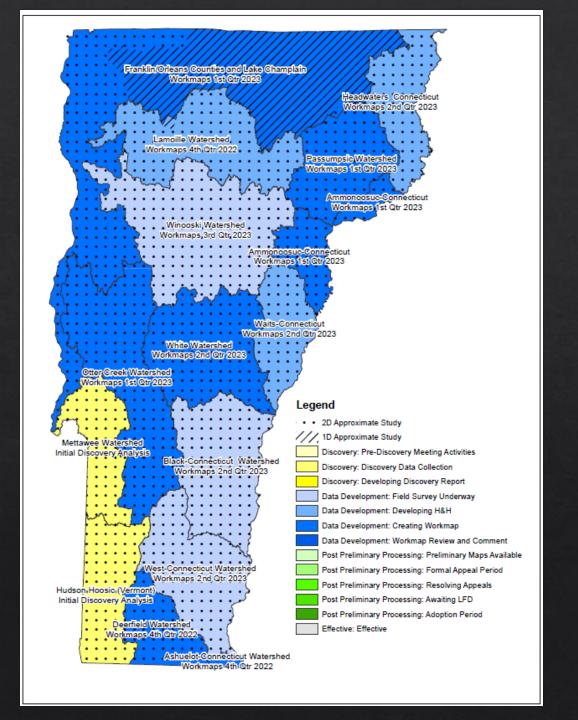
Clean Water Service Provider Update

- ♦ What's next?
 - CVRPC applying for project scoping & development funding
 - Identify priority projects and seek project partner(s) to lead projects to implementation
- What can you do?
 - Offer project ideas (reminder: non-regulatory, p-reduction projects only)
 - Promote the program:
 - Encourage involvement by Selectboard, Planning Commission, Conservation Commission
 - Connect us with organizations working on water quality improvements
 - Invite us to meetings

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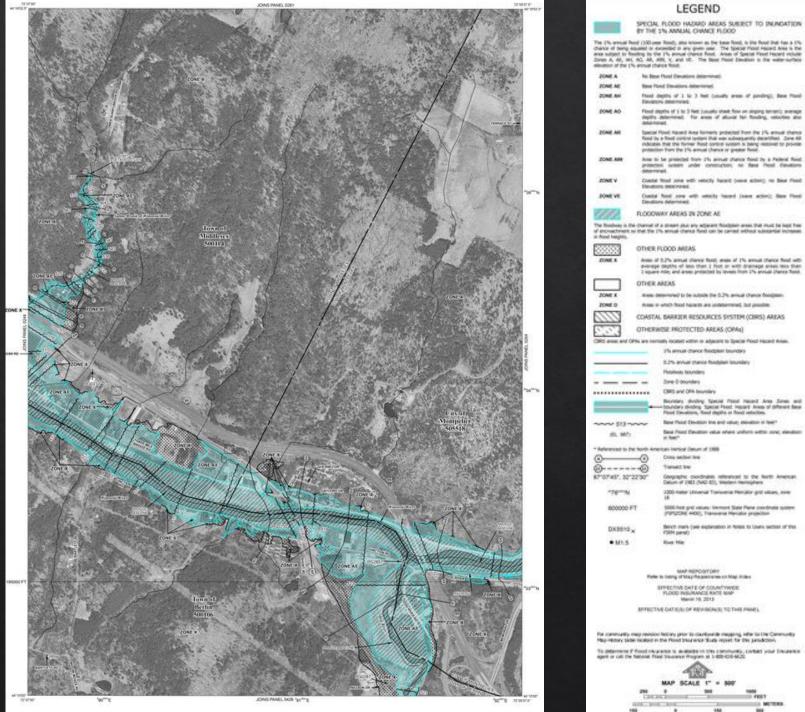
FEMA Map Updates

- FEMA map updates ongoing first update for many towns since the 70s or 80s
- DFIRMs (Digital Flood Insurance Rate Maps) delivered in 2007 were not based on updated studies
- ♦ Current update will cover the entire state with the earliest effective date in 2025



FEMA Map Updates: Steps

- Project Planning
 - ♦ Select Project Area
 - ⋄ "Discovery" collect current and historic flood-related data
- Mapping & Data
 - Data & Product Development:
 - ♦ regulatory: may include <u>Flood Insurance Rate Maps</u> & Flood Insurance Study
 - non-regulatory: <u>flood risk products</u> to support mitigation and planning



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 - non-regulatory: <u>flood risk products</u> to support mitigation and planning
 - Flood Risk Review Meeting: optional meeting to offer community officials opportunity to review & provide early feedback
 - ♦ Resilience Meeting:
 - help plan for the future
 - discuss factors contributing to flooding in the Project Area

FEMA Map Updates: Steps

♦ Preliminary FIRM Issuance

- Distribution of Maps & Data:
 - delivered to community officials & posted publicly through <u>FEMA's Flood Map Service Center</u>
 - ♦ Identify new & updated flood hazard areas
- Consultation Coordination Officer Meeting & Public Open House
 - ♦ Follows release of preliminary FIRMs and FIS reports
 - ♦ Explain changes in flood risk
 - Opportunity to provide feedback
- ♦ 90-Day Appeal Period: opportunity to submit data to revise FIRMs

Risk Assessment

- Flood Risk Products help local officials understand flood risk, potential impacts and offer a guide for local mitigation & outreach efforts
- ♦ Effective FIRM & FIS Report Issuance
 - Follows resolution of appeals
 - ♦ FEMA provides a Letter of Final Determination
 - Communities must adopt / amend their floodplain management ordinance within 6 months

FEMA Map Updates: Local Considerations

- Municipal Plan & Local Hazard Mitigation Plan must be valid before updating zoning bylaws
- Understand risks & opportunities
 - Check your community Emergency Relief & Assistance Fund score to look for potential areas for improvement
 - Meet with <u>Regional Floodplain Manager</u>
- Review your current Zoning Bylaws
 - CVRPC has reviewed the Zoning Bylaws of all 23 member municipalities using the model ordinance and a bylaw review checklist
 - Will be reaching out to Planning Commissions to discuss required and optional improvements
- Update Zoning Bylaws
 - ♦ Consider using <u>DEC's model bylaws</u>
 - Zoning Bylaws that meet required standards allow residents to purchase insurance through the National Flood Insurance Program & halt adding risk to existing structures

FEMA Map Updates: Proposed Schedule

- ♦ Last Work Map Meeting: Winter 2024?
- ♦ FEMA Discovery Meeting for Winooski watershed: October 20, 2021
- ♦ FEMA Discovery Report for Winooski watershed Sept. 7, 2022
- Zone A Base Level Engineering by 2D Rain on Grid
- ♦ New detailed studies (8/15/2022)
 - Winooski River: Cabot-Marshfield corporate limit to upstream limit of USGS model (36.7 mi)
 - Winooski River: Approximately 8500 ft downstream of confluence with Mad River to Bolton Falls Dam, Waterbury (7.6 mi)
 - North Branch Winooski River: Approximately 1250 ft above confluence with Hardwood Brook in Worcester to mouth (16.4 mi)
 - Mad River: From State Route 100B in Moretown to mouth (6.9 mi)
 - Stevens Branch: Approximately 1800 ft above State Route 14 in Williamstown to Orange-Washington County boundary (4.6 mi)
 - Stevens Branch Bypass: Divergence from Stevens Branch in Williamstown to confluence with Brook No. 1, Williamstown (0.4 mi)
 - Brook No. 1: Confluence with Stevens Branch Bypass to confluence with Stevens Branch, Williamstown (0.3 mi)
 - ♦ Thatcher Brook: Approximately 4.7 miles upstream of mouth to mouth, Waterbury (4.7 mi)
 - ♦ West Branch Little River: ~ 80 ft upstream of State Route 108 to confluence with East Branch Little River, Stowe (6.0 mi)
- ♦ Washington County approximate Deadline –Spring 2026

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Upcoming Meetings

Topic	Date	Partner	Name	Title
Invasive Species		Winooski Natural Resources Conservation District	Adelaid Dumm	Conservation Specialist
+		DEC Lake Wise	Alison Marchione	Lake Shoreland Coordinator
Stream Buffers	11/9/23	DEC Lake Wise	Kimberly Jensen	Lakes & Ponds Technical Service Provider (Aquatic Nuisance Control Grant)
		Waitsfield Conservation Commission	Curt Lindberg	Vermont Master Naturalist Program Coordinator-Mad River Valley
		US Fish & Wildlife Service	Katie Kain	Biologist
Prioritizing	1/11/23	VT Agency of Transportation	Alan May	Better Roads Program
Culvert		VT Agency of Transportation	Ross Gouin	Better Roads/Municipal Highway & Stormwater Mitigation Program
Replacement +		The Nature Conservancy	Ben Mathews	River Restoration Coordinator
Dam Removal		Vermont Natural Resources Council	Karina Dailey	Restoration Ecologist
		County Forester	Robert Nelson	Washington County Forester
Town Forests?				
	3/14/23			

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