



# Hands Mill Dam Removal Study and Preliminary Design Stakeholder Check-in Meeting

**September 28, 2020**

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# Agenda

- ❖ **12 PM:** Introductions for new-comers and additions to agenda (10 minutes)
- ❖ **12:10 PM:** Phase 2 CWSRF and Phase 3 FEMA Application updates (20 minutes)
- ❖ **12:30 PM:** Historical and Archeological work updates (15 minutes)
- ❖ **12:45 PM:** Status Update on Adjacent Properties and Buyout Potential (15 minutes)
- ❖ **12:45 PM:** Summary of Field Work and Modeling Findings by Stone (15 minutes)
- ❖ **1 PM:** Review and Discussion of Concept Plan, Area of Impact, Sediment Management Plan, and Alternatives Analysis (30 minutes)
- ❖ **1:30 PM:** Historical and Archeological work updates (15 minutes)
- ❖ **1:45 PM:** Wrap up and Next Steps (15 minutes)

# Introductions (for newcomers)



NAME



ENTITY YOU REPRESENT



ROLE YOU PLAY IN PROJECT

# Phase 1 Timeline

## FIELD WORK AND BACKGROUND/DESKTOP RESEARCH

AUGUST - SEPTEMBER

- CONCEPT DESIGN
- AREA OF IMPACT
- ALTERNATIVES ANALYSIS AND FEASIBILITY
- MEMO/SUMMARY OF FINDINGS

## REPORT AND DESIGN DRAFTING

OCTOBER - NOVEMBER

- HISTORICAL AND ARCHEOLOGICAL RESOURCE ASSESSMENTS
- 30% DESIGNS
- POTENTIAL PERMIT NEEDS
- DRAFT OPERATIONS AND MAINTENANCE AGREEMENT

## PUBLIC OUTREACH TO TOWN

JANUARY - FEBRUARY

- PRESS RELEASE
- PUBLIC MEETING TO REVIEW PLANS AND SIMULATION IMAGERY/ ANSWER QUESTIONS

MID-LATE SEPTEMBER

- SELECT ALTERNATIVE FOR DESIGN
- DISCUSS SEDIMENT MANAGEMENT PLAN
- DISCUSS H&A FINDINGS AND IMPLICATIONS FOR DESIGN

MID-TERM STAKEHOLDER CHECK-IN

EARLY DECEMBER

- COLLECT FINAL COMMENTS ON 30% DESIGNS, SEDIMENT MANAGEMENT PLAN, PERMIT NEEDS, O&M
- COLLECT FINAL COMMENTS ON H&A REPORT
- PLAN PUBLIC OUTREACH

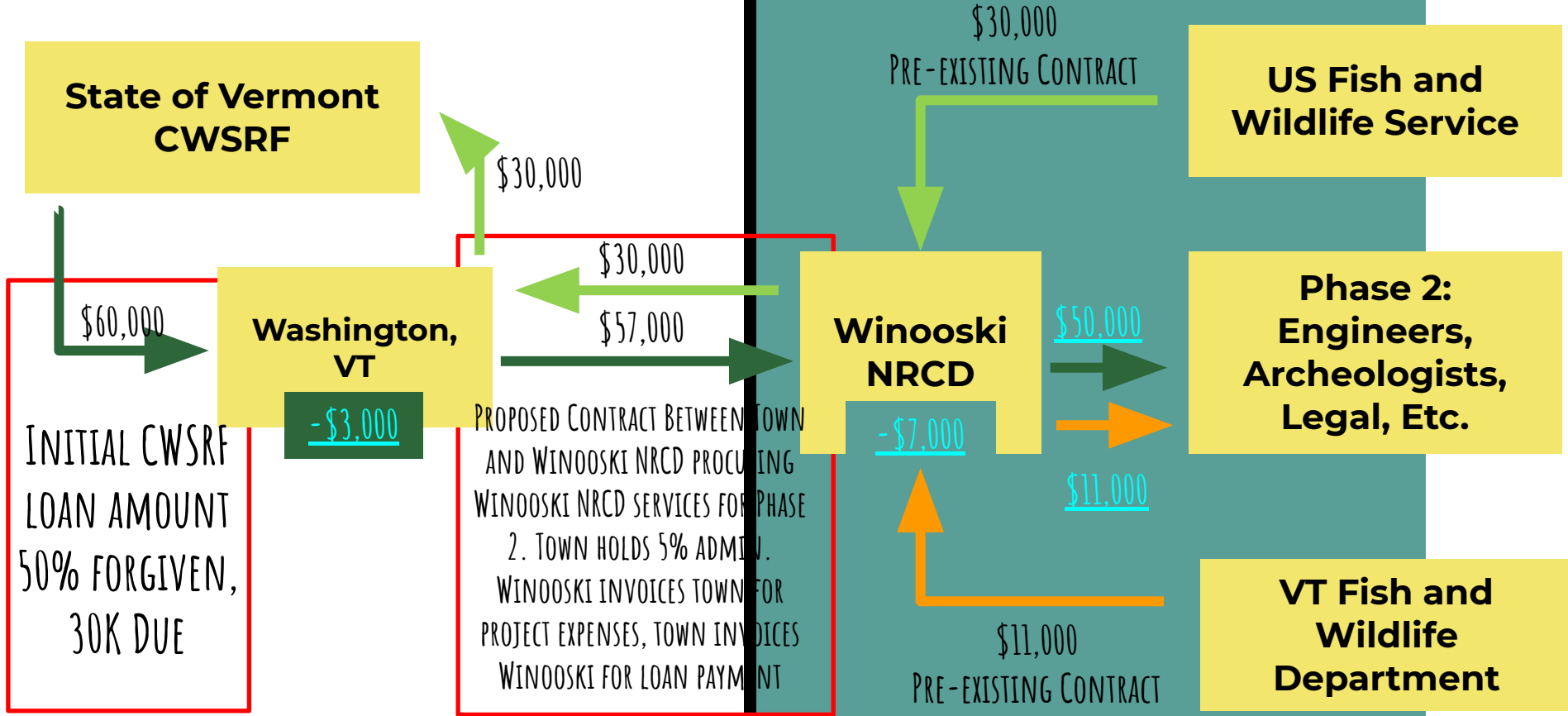
CLOSING STAKEHOLDER CHECK-IN

# Project Phases and (Tentative) Funding Plan

	30% Design/ Phase 1	100% Design/Phase 2	Removal/Restoration / Phase 3	Replanting
MAJOR FUNDING SOURCES	DEC-ERP VTFW - SWG	CWSRF - 50% LOAN, 50% FORGIVEN	FEMA - HAZARD MITIGATION	WINOOSKI NRCD TFS
POTENTIAL MATCH SOURCES	TOWN OF WASHINGTON	USFW - PAY BACK 50% LOAN TOWN OF WASHINGTON VTFW - SWG	TOWN OF WASHINGTON TNC, WISPR, NFWF, PHISH FOUNDATION PATAGONIA TROUT PROGRAM	TU EMBRACE A STREAM + LOCAL TU MATCHES
PREPARATION		PRELIMINARY ENGINEERING REPORT WETLAND DELINEATION SHPO APPROVAL - UVM REPORTS TOWN BONDING APPROVAL?	BCA UPDATED LOCAL HAZARD MITIGATION PLAN	
DELIVERABLES	PER + 30% DESIGNS HX AND ARCHEOLOGICAL REPORTS BCA	100% DESIGNS PERMITS BIDDING PAPERWORK		

**Phase 2 – 100% Design Funding Proposal**  
**Example: \$60,000 Loan, Phase 2 Costs=\$71,000**

SEPTEMBER 1, 2020



# Steps for CWSRF Application

1. **Gabe** will finish **EID** and **PER** during Phase 1 and submit to **Gianna and Karen**
2. **Gabe and Catherine** will summarize what's needed to be done from an engineering and historical/archeological perspective during Phase 2 and provide cost estimates. **Karen and Todd** encouraged to provide comments if there are any red flags at this stage.
3. Gianna will take cost estimates from Gabe and Catherine and add in cost estimates for Winooski NRCD time/ legal/ etc and have a formal estimate of full Phase 2 amount.
4. Gianna will release an **RFQ** for the diff phase 2 tasks if costs estimates trigger bidding in our procurement standards. **Tom will help review RFQ draft**
5. Gianna will present selected subcontractors and full phase 2 cost amounts to **Karen and Todd** for eligibility determination.
6. **Karen and Todd** will review, approve, and send to **Tom** for a **cost approval letter**
7. Gianna will work with Town to draft an **application** for the loan amount which is equal to the full phase 2 costs minus VTSWG money from Will. **Carol** will gather application attachments (i.e. town financial paperwork).
8. Gianna will work with the **Town** to draft MOA and get LOS from USFW to submit along with other loan paperwork.
9. **Town** will submit an application, cost approval letter, MOA and LOS from USFW and then wait to determine if the loan was approved. Once the loan has been submitted, **Tom** will send a formal letter acknowledging receipt and listing any missing items.
10. If the loan denies the 50% forgiveness we scratch all this and don't sign the loan. If the town gets the 50% forgiveness then the town signs the loan paperwork, subcontracts to Winooski NRCD, Winooski NRCD sign our subcontracts and we all get Phase 2 moving forward.

# PHASE 3 CONSTRUCTION: FEMA BRIC APPLICATION OPENS THIS WEEK

- DUE JANUARY 6TH
- NEED UPDATED HAZMIT PLAN
- NEED BENEFIT COST ANALYSIS
- SELECT BOARD APPROVAL?

## Rattlesnake Creek, MT

[DRAFT EA HERE](#)





# Fundraising Partnership - CVTU

Removal/Restoration / Phase 3	Replanting
FEMA - HAZARD MITIGATION	WINDOSKI NRCD TFS
TOWN OF WASHINGTON TNC, WISPR, NFWF, PHISH FOUNDATION PATAGONIA TROUT PROGRAM	TU EMBRACE A STREAM + LOCAL TU MATCHES

- ORVIS
- REP YOUR WATER
- WATERWHEEL FOUNDATION
- CLEARWATER BREWERY
- NFWF
- PATAGONIA
- TROUT AND SALMON FOUNDATION

# Adjacent Properties Update



## Next Steps

- ❖ FEEDBACK ON SUMMARY MEMO AND CONCEPT DESIGNS DUE OCTOBER 9
- ❖ CONTINUE OUTREACH FOR ADJACENT LANDOWNER
- ❖ FEMA APPLICATION - SELECT BOARD MEETING AND PAPERWORK PREPARATION
- ❖ CWSRF APPLICATION - DRAFT RFQ, MOU, LOS; MEET WITH FUNDERS; AND AWAIT PHASE 2 COST ESTIMATES
- ❖ CLOSE-OUT MEETING: EARLY/MID DECEMBER