

Manastash Project

Collaborative Approach to Fish Passage

Carol A. Ready

KRD employee

KCWP Board

KCCD loan as

Manastash Project Manager

Goals

- **Alleviate Irrigator Liability**
- **Do the Right Thing for Fish**



Manastash Creek





May 05 at Cove Rd



Jan 05 at Cove Rd

Manastash Creek at Cove Road



June 11 at Cove Rd



June 21 at Cove Rd

Overview

- **Players**
- **History**
- **Objectives**
- **Progress**
- **Challenges / Roadblocks**

Players

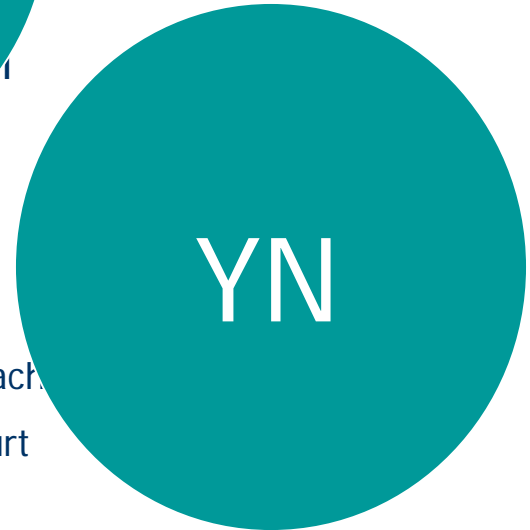
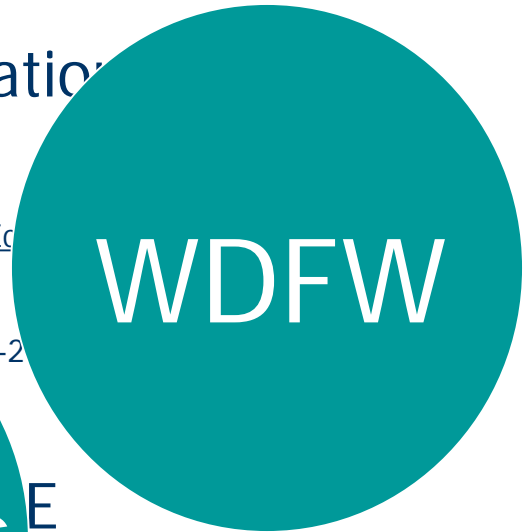
- **Manastash Irrigators**
- **WA Environmental Council**
- **Ecology + WDFW**
- **Yakama Nation**
- **Kittitas Reclamation District**
- **KCCD – Facilitator**

History

- 2000 Irrigators → KCCD
- 2001 WEC *draft* Notice of Intent
- Unpleasant 1st meeting
- ...Collaborative Approach...
- 2003 Legislative + BPA funding
- 2004 Engineering (*FishPro*)

Yakima River Basin

Water Rights Adjudication



Washington, Department of Ecology
James L. ... et al.
ty ... 77-2

RI ... E
R ...
(M ...)

Submitted to:
The Honorable Walter A. Stauffer
Yakima County Superior Court

Objectives

- **Screen Diversions**
- **Re-establish Passage**
- **Consolidate Div, as possible**
- **Pipe Deliveries, as possible**
- **Remove Structures**

Phase 2 = In-stream Flow

Initial Scope

- **Consolidate Diversions**
- **Pipe Deliveries**
 - ❖ **KRD 13.8 lateral**
 - ❖ **Gravity pressure**
- **Provide Passage**
- **Convert Winter StW to Wells**

Roadblocks

- **POD Changes**

- ❖ 'Re-adjudication,' pot. loss of water

- **Piped Deliveries**

- ❖ Take any water "savings"

- ❖ What about return flows?

- **No Assurances**

- ❖ Irrigators felt at risk; not 'whole'

Roadblocks

- **Facility Ownership**

- ❖ **\$1M+ structure**

- ❖ **Insurance & Operation Costs**

- **WA Water Trust**

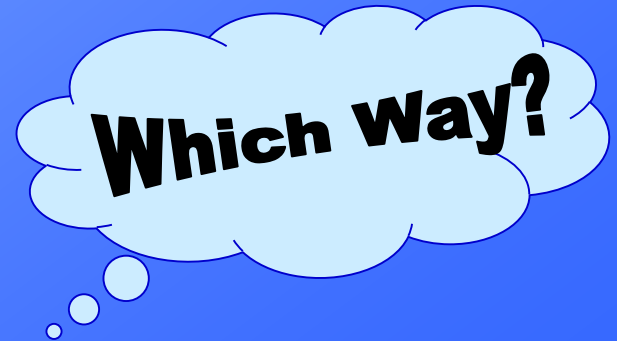
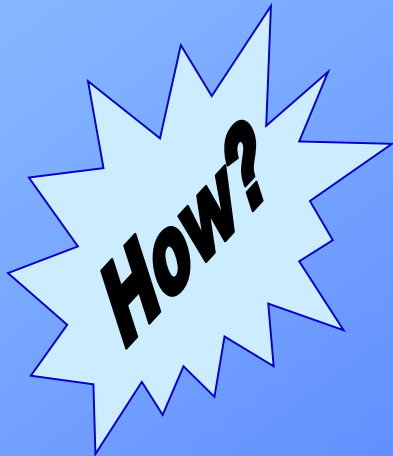
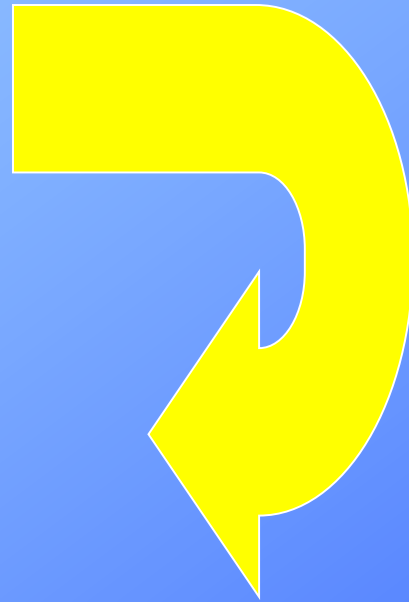
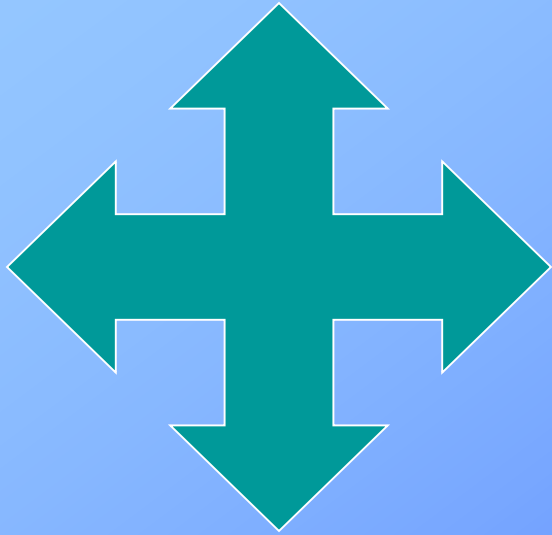
- ❖ **Winter StW benefits minimal**

- ❖ **Cost, complexity**

Outcome

- **Full Consolidation Abandoned**
- **Individual Fish Screens Pursued**
 - ❖ **No changes in points of diversion**
- **Delays**
 - ❖ **2004 not very productive**
- **Frustration**
 - ❖ **Willing partners felt at risk**
 - ❖ **Commitment to funders left unmet**

Progress



Revised Scope

■ Partial Consolidation

- ❖ Manastash, Reed, Hatfield, Anderson

■ Individual Fish Screens

- ❖ Consolidated, Keach+Jensen, Barnes

■ Pipelines

- ❖ Upper Manastash Ditch
- ❖ Consolidated to Reed near Cove Rd

Currently...

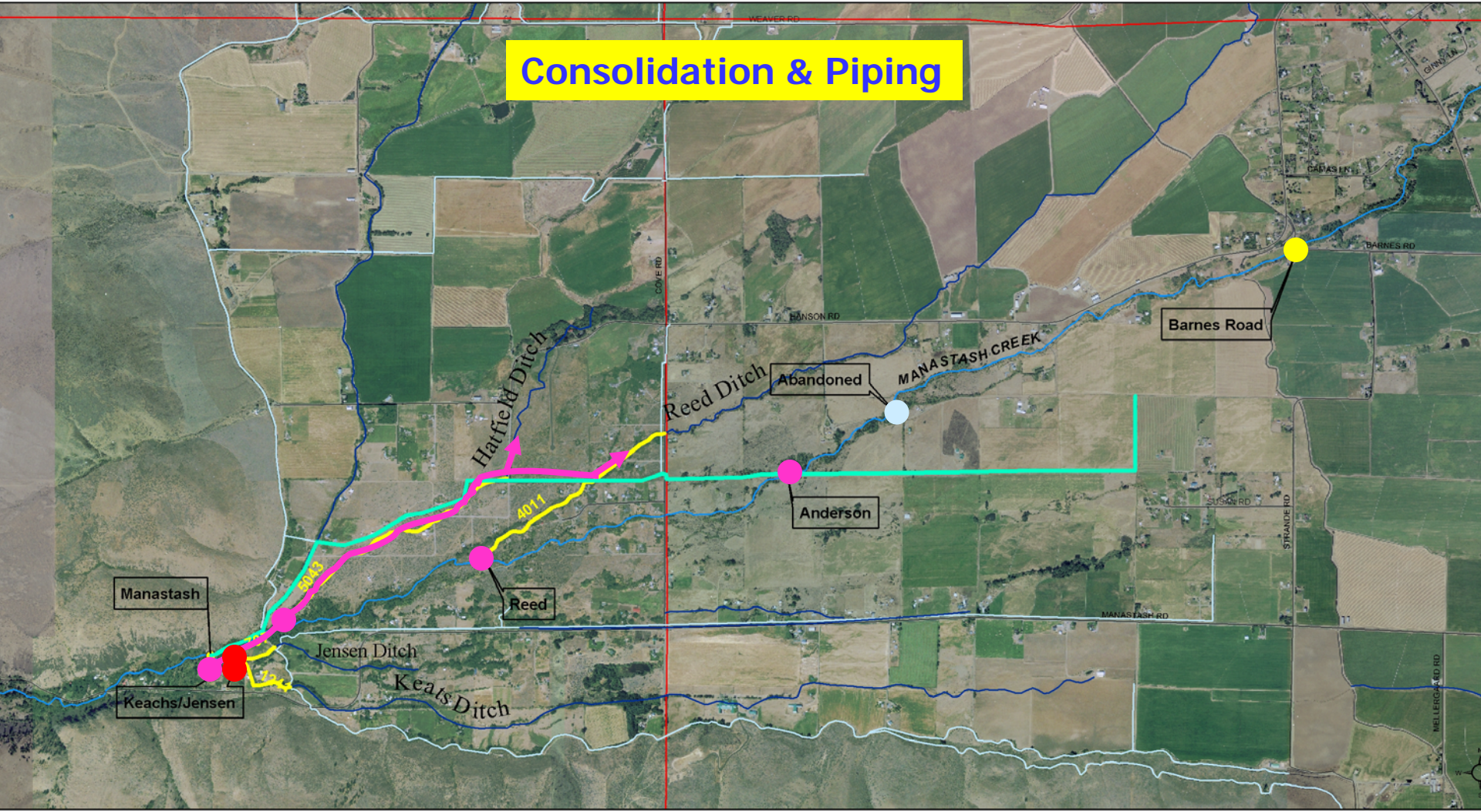
- **Designs: Screens & passage**
- **Permits: JARPA, ESA, COE, 106**
- **Pursue: Limited POD changes**
- **Determine: Easement needs**

- **Renewed commitment – *Meet Goals***

Project Elements

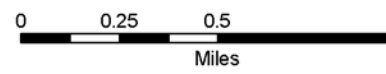
- **Manastash Water Ditch Association**
- **Keach-Jensen**
- **Hatfield**
- **Reed**
- **Abandoned Dam**
- **Anderson**
- **Barnes Road**

Consolidation & Piping



Legend	
● Diversion	Ditches
Abandoned Ditch (ft.)	KRD Canals and Laterals
Roads	Streams
Highways	Section
New Conveyance	Township and Range

DRAFT Manastash Project



- ● Explore consolidation and screening
- Proposed to be screened
- Abandoned

The data used for this map/exhibit is provided "as is" without warranty of any kind. Further, the Kittitas County District does not warrant, guarantee, or make any representations regarding the use of, or results from the use of, the data. The user assumes all responsibility for the accuracy, reliability, currentness, or otherwise.



Manastash Water Ditch Association Diversion



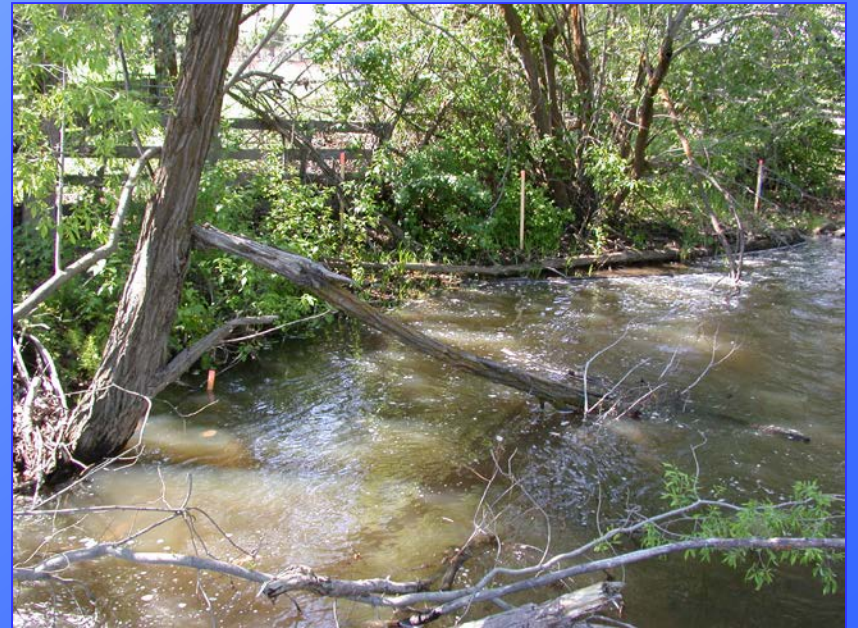
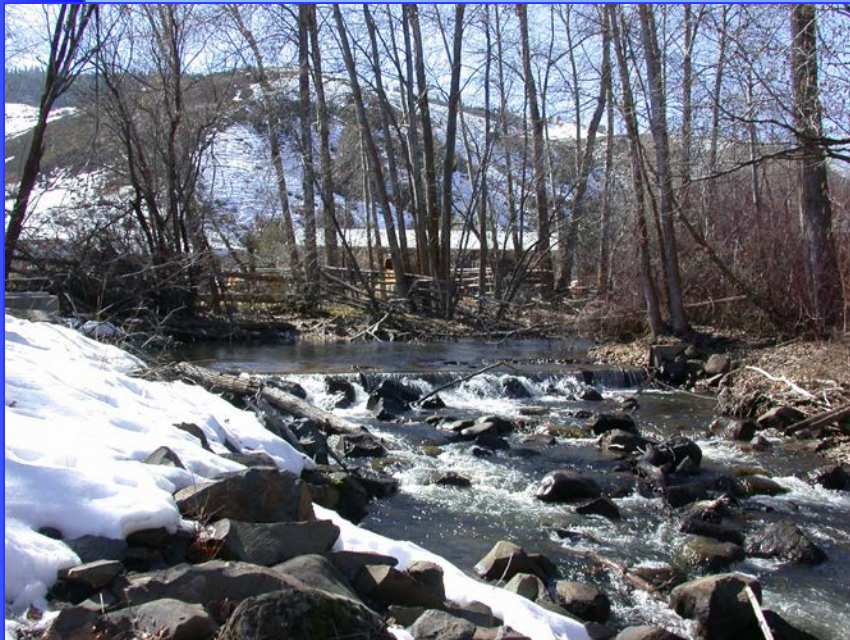


Upper Manastash Ditch



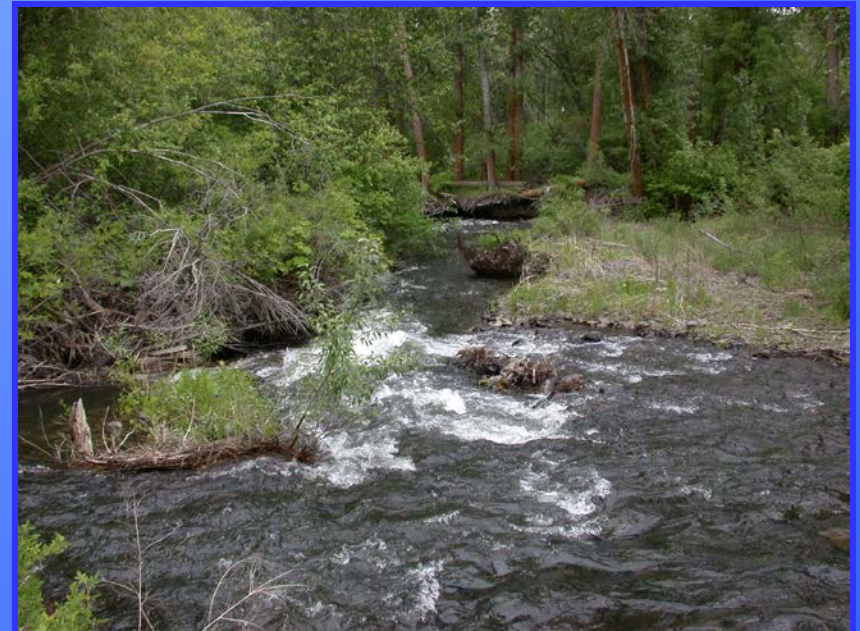
Keach-Jensen Diversion







Hatfield Diversion



Reed Diversion





KCCD

11/6/2000



Reed Diversion



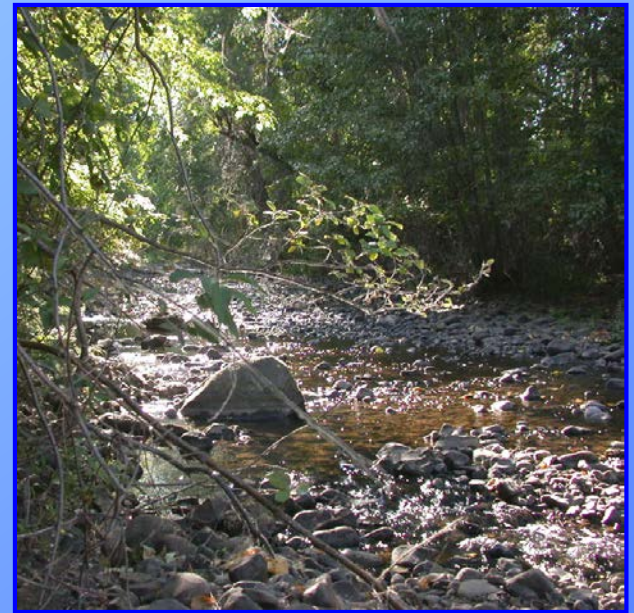
KCCD

11/6/2000



KCCD

11/6/2000



Reed Diversion



Anderson Diversion



KCCD

6/29/2000

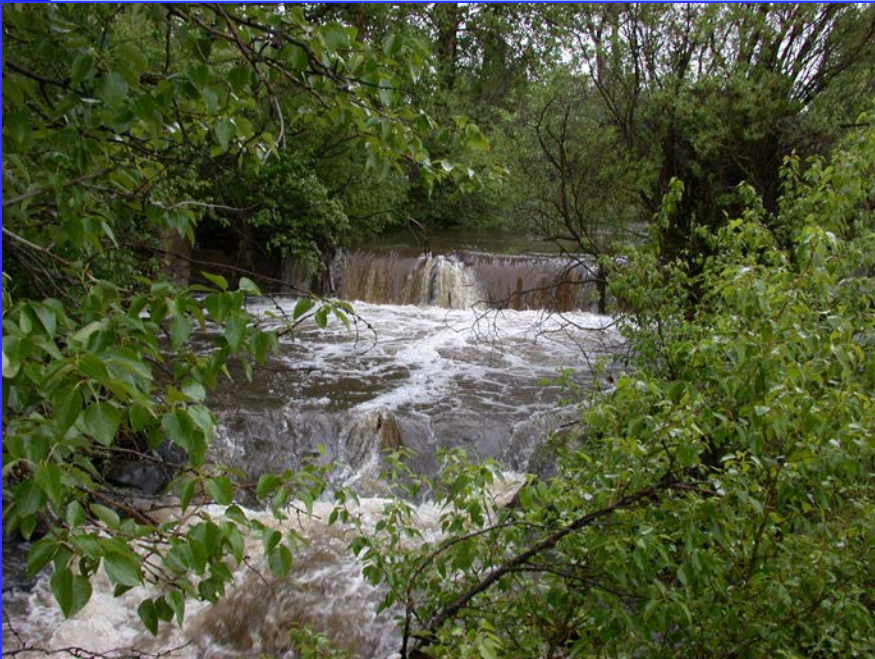


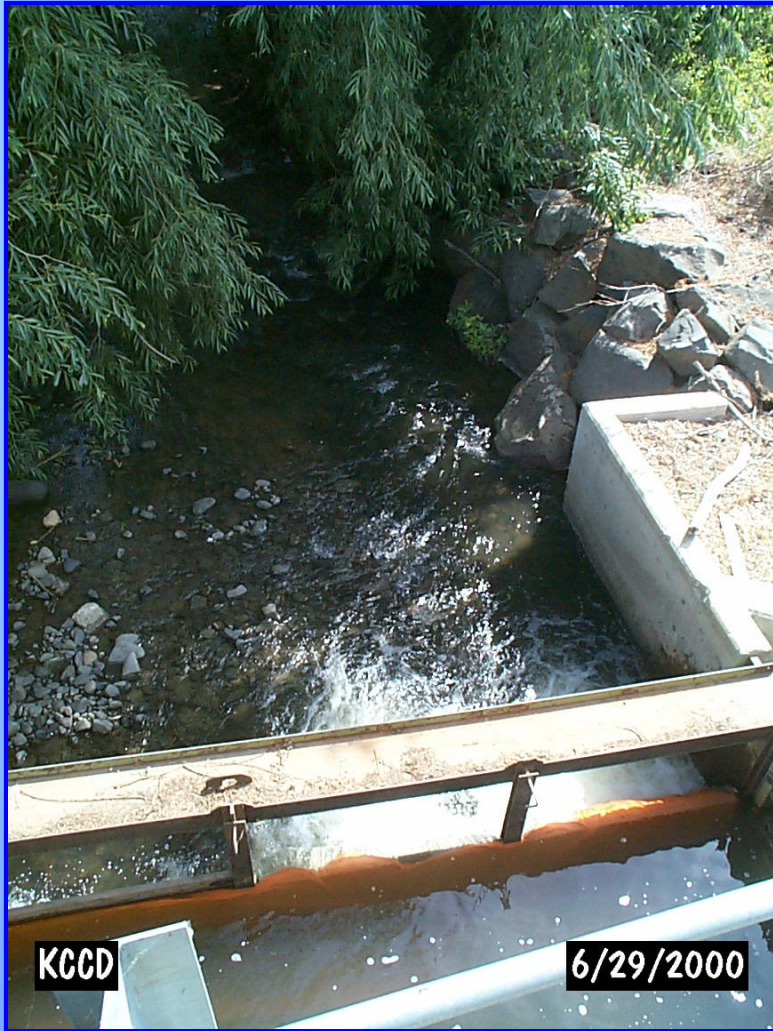
Anderson Diversion Surroundings





Abandoned Dam





Barnes Rd Diversion



Barnes Rd Surroundings

Summary

- Irrigators at the table
- Original plan
 - ❖ Not implemented
 - ❖ Agency rule/positions detrimental
- Resource Benefits Pending
- *Wish it were easier to do good*

