

Methow Instream Flow Improvement

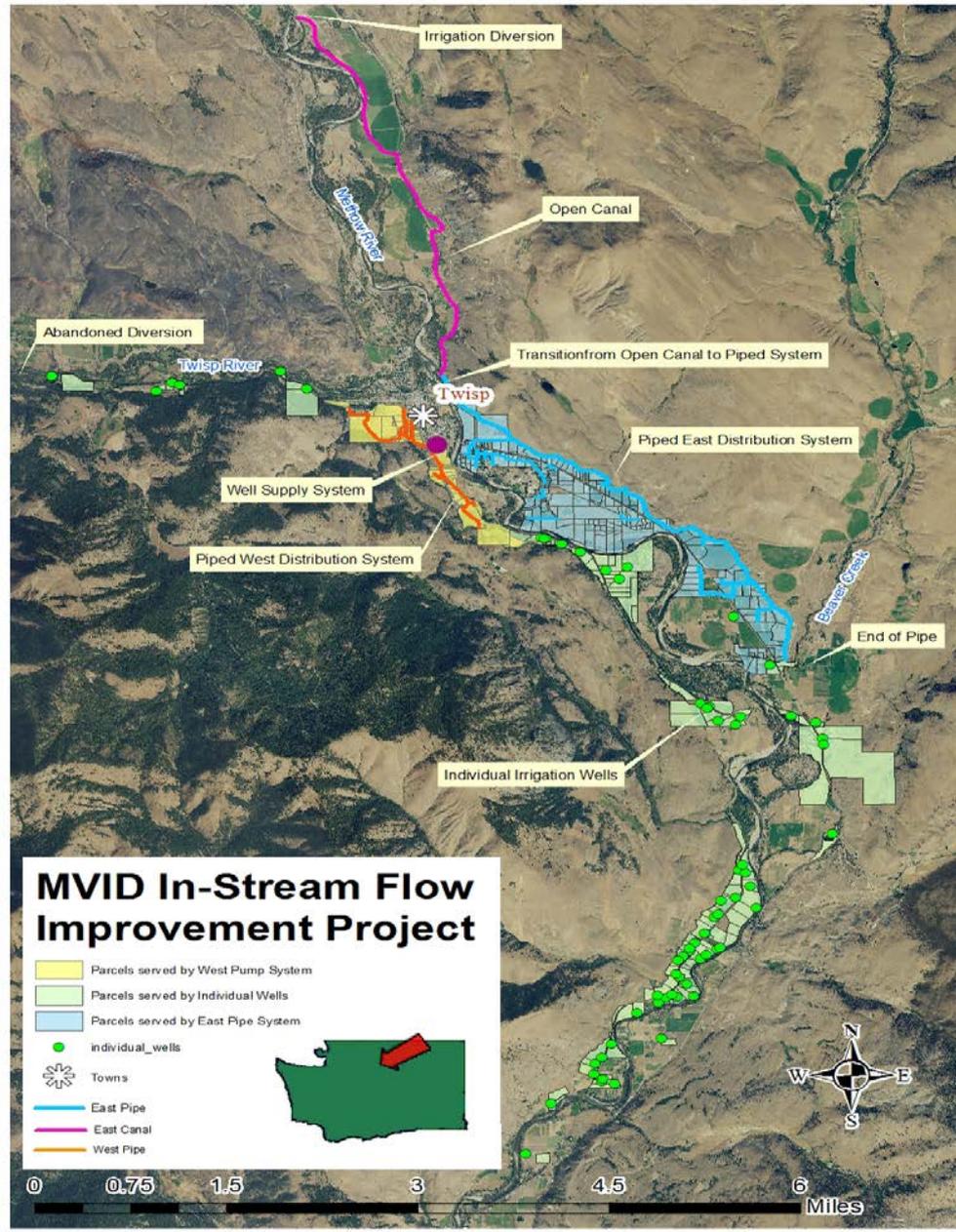


CONSTRUCTION TIMELINE

- 2012-Ecology, TU, BOR, MVID meetings
- 2013-Alternatives analysis
- 2012-2013-Shareholder public meetings
- Spring 2013-Shareholder vote to support
- May 2013-MVID Board vote to move ahead on project
- 2013-14-outreach, design, engineering, permitting, easement acquisition
- 2014-2016-Construction



Methow Project



PROJECT DESCRIPTION

- Upgraded 7.2 miles of open earthen canal to enclosed pipe, which included 3.7 miles of west side pipe and 3.5 miles of 30 inch pipe on the east side canal;
- Replaced 7.1 miles of aging lateral pipe and associated appurtenances;
- Removed 11.6 miles of hazardous trees within the canal right of way;
- Installed one 8-inch and three 12-inch groundwater wells, all pumping infrastructure, controls, and pump house
- Converted over 75 individual irrigation users to groundwater wells.



Methow Project





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11.22.2014



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LEVERGING FUNDING

- Project costs over \$12 million
 - Department of Ecology
 - > Priest Rapids Coordinating Committee
 - > Chelan PUD
 - > Douglas PUD
 - > Salmon Recovery Funding Board
 - > National Fish and Wildlife Foundation
 - > Bureau of Reclamation
 - > Bonneville Power Administration



ECOLOGICAL BENEFITS

- End injury, mortality and stranding associated with the MVID Twisp River push-up dam, screen and canal intake.
- Increase instream flow in the lower 4.5 miles of the Twisp River adding over 20-30% increase in flow late season
- Increasing side channel and wetland habitat in Alder Creek in the lower Methow River
- Habitat restoration and creation of side channel habitat at MVID Twisp diversion
- Enhanced critical habitat for ESA listed species Steelhead, Chinook Salmon and bull trout including rearing, migration and spawning
- Climate impact resiliency for both Twisp and Methow Rivers

