

# **MANASTASH CREEK RESTORATION PROJECT**

**Columbia River Policy Advisory Group  
December 13, 2012 12:15 PM  
Hal Holmes Center, Ellensburg**

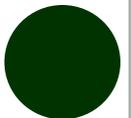
# PROJECT COMPONENTS

- Fish screens on irrigation diversions
- Passage at irrigation diversions
- Instream flow (3.25 mile dry stretch)



# FISH SCREEN & PASSAGE PROJECTS

- Barnes Road
- MWDA/Consolidated
- Keach-/Jensen



**Reed Ditch**

To be moved to MWDA/Consolidated Diversion in 2013  
Original Diversion Amount—23.8 CFS, 11.897 CFS  
Trust Water Program Amount to Date— Pending  
Current Diversion Amounts— same as above



**Barnes Road Ditch**

Constructed and Operating in 2010  
Original diversion 4.78 CFS



**Hatfield Ditch**

To be moved to MWDA/  
Consolidated Diversion in 2013  
Original Diversion  
Amount—2.8 CFS; 1.4 CFS



**Manastash Water Ditch Association (MWDA) and Consolidated Diversion**

Constructed and Operating in 2010  
Original Diversion Amount—28.005 CFS (27.98 CFS + 0.045 CFS)  
Trust Water Program Amount to Date—6.299 CFS, + Pending  
Current Diversion Amounts— 22.20 CFS (April); 21.71 (May); 22.49 (June);  
11.71 (July-Oct); 13.98 (Nov— March)



**Anderson Ditch**

To be moved to MWDA/Consolidated Diversion in 2013  
Original Diversion Amount—3.978 cfs;  
Trust Water Program Amount to Date—0.152 CFS + Pending  
Current Diversion Amount—3.826 cfs; 1.91CFS



**Keach Ditch and Jensen Ditch**

Constructed and Operating in 2011  
Original Diversion Amount—23.191 CFS; 11.595 CFS  
Trust Water Program Amount To Date—3.389 CFS + Pending  
Current Diversion Amount—19.802 CFS; 9.67CFS (+ 0.5CFS stockwater);



regarding the

Produced by the Kittitas County Conservation District on 5/3/2012

**Manastash Creek Restoration Project**

**May 8, 2012**

# REMAINING DIVERSIONS

- Anderson, Hatfield and Reed Ditches
- “Consolidated Pipeline”
  - Fish screen and diversion facility in place
    - Modifications
  - Share KRD’s Lateral 13.8 Right of Way
  - POD Applications in Process
  - Decommissioning existing diversions
- KRD 13.8 Pressurized Pipeline
  - Changed strategy for Consolidated Pipeline
  - Coordination and cooperation



# REED DIVERSION



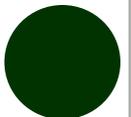
# INSTREAM FLOW IMPROVEMENT

- Trust Water to Date
  - 17.7 cfs (# incl. 4 pending ROEs and one future project.)
- Acquisition
  - Reverse Auction ~ 3 CFS
  - Additional purchases ~ 5.4 CFS
- Water Conservation Projects
  - 587 Acres of Converted to Sprinkler Systems
  - 1+ mile of pipeline



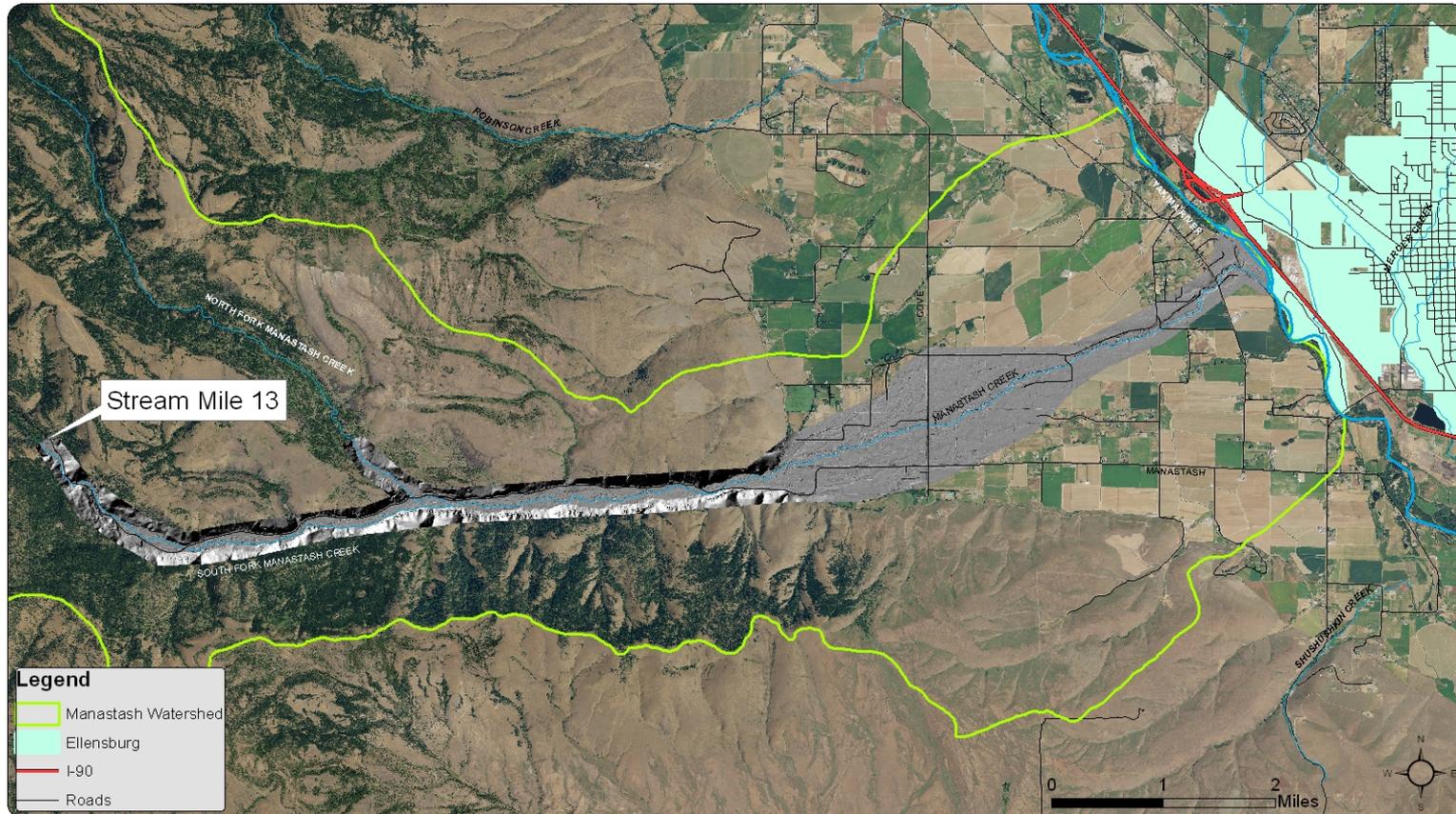
# FUNDING SOURCES

- Original Ecology Grant (\$2,240,000)
- Pipeline Ecology Grant (\$1,980,000)
  - \$376,000 Columbia River Funds
- BPA Fish Screen Funds – HDR
- BPA Instream Flow- (>\$1.1 Million)
- SRFB Consolidated Pipeline (\$599,408)
- NRCS AWEP (\$)
- USFWS Partners (\$78,200)



# MANASTASH CREEK REACH ASSESSMENT

Manastash Reach Assessment  
2012 LiDAR



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# PIT TAG DETECTORS

- Barnes
- MWDA/Consolidated

