



**Walla Walla County  
Conservation District  
Effective Voluntary Incentive-  
based Programs**

September 11<sup>th</sup>, 2014

# Who are we?

- Walla Walla County Conservation District is ***not a government agency***
- WWCCD does not do research or conduct scientific studies

**The WWCCD understands local issues in our geographical region and are able to:**

*“efficiently source funding and relevant technical assistance to address resource concerns using locally vetted practices and programs with voluntary participation for local farmers and land owners”*

# Voluntary Incentive-based Programs offered by WWCCD

- Fish Passage Barrier Removal Program
- Irrigation Efficiency Program
- Riparian Forest Buffer Program (CREP)
- Irrigation Diversion Fish Screen Program
- Irrigation Water Metering Program
- Agricultural Field Burning Permit Program
- Wetland Enhancement/Restoration Program  
Fish Habitat Improvement (fish-friendly bank  
stabilization)
- Education & Outreach Program

# Recently Completed Projects

- The WWCCD continues to be extremely busy on a number of major restoration projects. In 2012, some had just been started – this is what we did in 2013-2014!

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# *Bergevin-Williams/Old Lowden Diversion Consolidation Phase*

- A consolidated diversion structure was designed and constructed
- The diversion structure serves both the Bergevin-Williams and the Old Lowden ditch groups – now re-organized as the Bergevin-William/Old Lowden Corporation.
- The diversion phase included the pipeline under the river
- Structure eliminated two gravel “push-up” diversion dams on the Walla Walla River
- Funded by BPA (98.8%) & WA-DOE (1.2%)



*Approximate Project Cost: \$1,025,370*

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# *Bergevin-Williams/Old Lowden Irrigation Piping Phase*

- Approximately 9.6 miles of open canal delivery ditches were replaced with a piped delivery system serving 1,840 acres
- 18 pumping stations were constructed or modified
- 11 metering stations for flood outlets were installed
- An estimated 2,404 acre-feet of water has been placed into Trust
- Funded by WA-DOE (83.7%) and BPA (16.3%)

*Approximate Project Cost: \$1,744,097*

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# *Gardena Farms Irrigation District #13*

## *2,800 ft. & North Lateral Piping*

- Project was in two phases – 2,800 ft. of canal above the Pine Creek siphon and the North Lateral below the siphon outlet
- 7.3 miles of earthen ditch was replaced with irrigation pipeline
  - 18,408 feet of delivery pipeline
  - 11,551 feet of lateral pipeline
- 19 pump stations serving 2,900 acres were built or modified
- 3.74 cfs (1,655.7 A/ft.) of water to be put into trust
- Funded by BPA, WA-DOE, BOR, WSCC & GFID #13

*Approximate Project Cost: \$4.733 million*

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# *McLaw Instream Fish Habitat Restoration - Phase A*

- 2 Apex Log Jams
- 2 Large Engineered Log Jams
- 6 Log Sweeps
- 2 Secondary Channels (1,000 feet)  
activated
- 1.2 acres of grass seeding
- 2,100 feet of stream treated
- Reduced sediment loss from site that has  
put over 100,000 tons of soil in river since  
1996
- Funded by WA-SRFB, WA-DOE & WA-SCC

*Approximate Project Cost: \$203,000*

# Other on-going WWCCD projects

## Bohemian Knotweed Eradication Project



- 3<sup>rd</sup> year of 3-year project completed
- Knotweed sprayed on 43 sites along Mill Creek
- Licensed aquatic applicator used
- Material used: Habitat (glyphosate imazapyr)

## False Indigo-Bush Control Project



- 200 acres treated (spot sprayed) in approximately 22 river miles
- Spray program completed for 2013
- Licensed aquatic applicator used
- Material used: Habitat (glyphosate imazapyr)

# \* Other on-going WWCCD projects

Fish Screen Program since 2001



- Over 360 new fish screens installed in Walla Walla County
- Approx. 50 screens installed for other counties in WA

Metering Program since 2001



- Over 400 meters installed on shallow aquifer wells and surface water pumping stations

# \* Other on-going WWCCD projects

## CREP

Conservation Reserve Enhancement Program



- Partnership with WA-SCC, NRCS, FSA & WA-DOE
- Approx. 3,500 Ac. & 175 miles of streambank treated; 19.6 Ac. New wetland
- 1.5 million native trees/shrubs planted

## CURB

Creating Urban Riparian Buffers

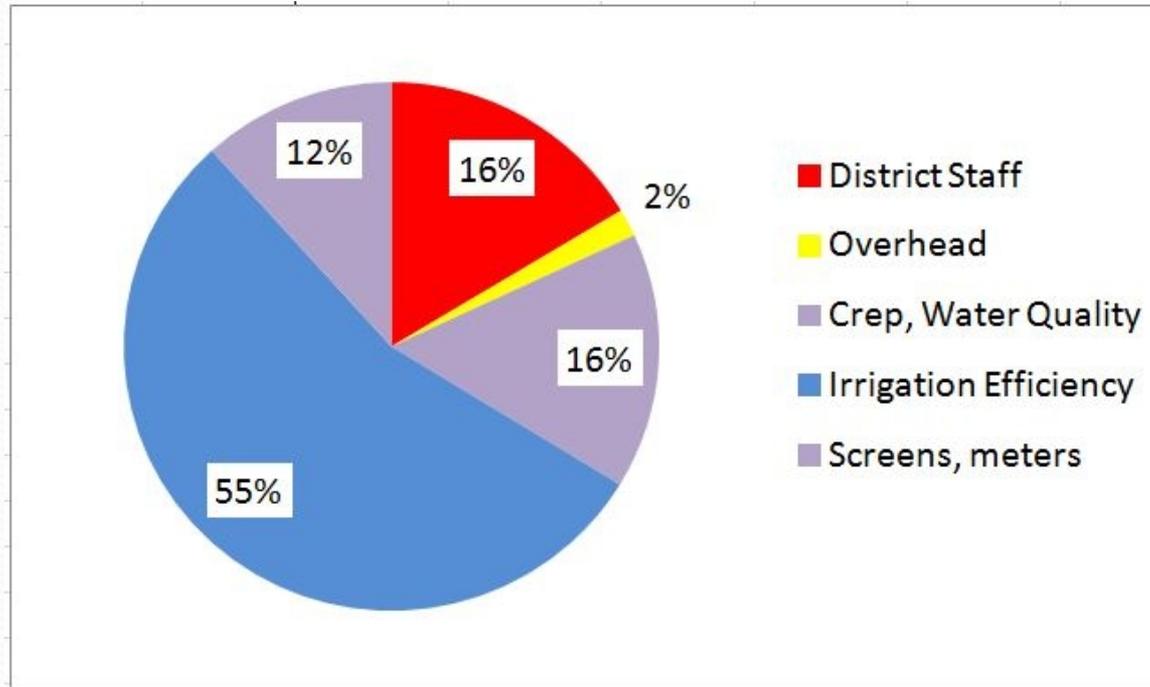


- 2013 was the last year for CURB
- Partnership with Tri-State Steelheaders
- Approx. 40 urban area projects completed

## Overall Expenditures: 5 Years

2009-2013 \$15,873,000

*Invested in Our Community to protect local resources*



*Projects on the ground: 83% of the total funding*

*Irrigation Efficiency, Piping Projects: \$8,658,700*

*Screens, Meters, Large Diversions: \$1,857,600*

*CREP, Water Quality, Salmon Habitat Restoration: \$2,486,800*

*District Staff: \$2,603,300*

*Overhead: \$266,550*

# \* WWCCD provides cost-effective service . . .

What does that 16% cost for staff buy?

- It provides top-to-bottom *full service*
- Our staff works with *landowners* to determine *their needs*
- The WWCCD staff writes and submits grants for project funding *on behalf of Walla Walla County landowners*
- The staff manages all funding received responsibly
- All projects are planned, designed and engineered *in-house* by the District Design Team and are PE stamped
- The District advertises and awards construction contracts on a competitive basis
- The CD staff provides contract and construction over-sight and administration to ensure projects are installed according to engineered plans and specifications and that landowner needs and concerns are addressed

- The District works with landowners to make sure a project is complete and fully functional before turning it over to them
- During the entire process, the CD administrative and fiscal staff is paying bills and vouchering for reimbursements
- The credentials of our District staff is comparable to those of professional consultants that would otherwise be hired to do the same type of work – but for a lot more money!

The bottom line – ***Conservation District Voluntary Incentive-based programs provide a great bang for the buck!!!***