

# WRIA 32 PHASE IV YEAR 3 PROJECT IMPLEMENTATION FUNDING GRANT APPLICATION

## APPLICANT / ORGANIZATION

Applicant Signature		Official Contact	Terry Bruegman		
Organization	Columbia Conservation District				
Physical Address	202 South Second Street, Dayton WA. 99328				
Mailing Address	Same as above				
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Project Name	West End Irrigation District Piping Project				
Project Location	NW ¼ Sec 30, T10N, R38E E ½ & SW ¼ Sec 25, T10N, R38E			County	Columbia County
Sub-Watershed/Stream Names	Touchet River				

## SUMMARY of PROJECT

### DESCRIPTION

Columbia Conservation District (CCD) is seeking funding for the West End Irrigation District to complete their conveyance main line piping project. Requested funds are for installation and administration cost. They had previously purchased the required pipe with funds from other sources and have approximately 2360 feet of pipe on hand to utilize as the match requirement. This match value is based on the purchase price at the time of purchase and is valued at \$16,691. The diversion and piping work WDFW sponsored to consolidate water withdrawals is almost complete. The existing fish screen located within the West End Ditch will be removed and the 2 pipe sections tied together during this proposed action.

This project proposal is specifically identified in the Watershed Plan Dip in Table 3-1 and by reference (irrigation piping/lining for MSA) in Tables 3-3 and 3-4.

CCD provided funding from Washington Conservation Commission for contract services with Brett Lenz for the Cultural Resource assessment/review and CCD engineering services in 2001 for assessing ditch conveyance loss. The results show at that time the inflow to the canal was 0.92 cfs and the outflow from the canal was measured at 0.10 cfs. Therefore, the conveyance efficiency was 11% meaning that 89% of the water diverted from the Touch River at that time was being lost to percolation, evaporation or other losses.

### BENEFITS (what issues will this funding address)

The benefits derived from the implementation of this project are enhanced “beneficial use” of their water right with the elimination of the extreme loss factor, enhanced water quality with a closed ditch system and a reduction of instantaneous with-drawl.

The West End Irrigation District has experienced “Interrupted” use over the past few years, even to their most Senior Right. Because of this they will not have additional “Acre Feet” of water available for “Trusting” as they will utilize their annual water right to the extent allowable. The completion of this action will provide an “Instantaneous” savings which benefits instream flows and fish, as it is designed as a gravity flow on demand system. Completing this action will also enhance water quality concerns with the elimination of the open ditch and the potential to collect various waste materials.

**STATUS** (is the proposal currently underway, have any agreements, approvals or preliminary measures been completed?)  
Project implementation was initiated in February 2004 with funding from Walla Walla Watershed Alliance and Columbia County via county commissioners. The West End Irrigation District Board purchased pipe for conveyance main line piping initially, used the balance of the available funds and covered a percentage of labor and equipment installation cost while completing approximately 4500 feet of installation. This was a time and labor consuming effort as they started at the head of their diversion ditch and worked thru the fair grounds and the City of Dayton. They have approximately 2400 feet of installation to complete the conveyance main line mainly thru open agriculture fields. West End Irrigation District Board and water users have absorbed their current limit in covering the remaining installation cost and have requested CCD to assist in securing funds to complete the main line piping. They have approximately 2300 feet of 15" pipe to complete the main line and 60 feet of 18" pipe to make the corrections at the existing fish screen when removed. WDFW secured funds from various sources to enhance the Dayton Acclimation Pond diversion which included consolidation of the West End Ditch and Hearn Ditch diversions upstream to the pond, thus eliminating 2 diversion points and existing fish screens. Effort included piping of water to the existing West End Ditch head box.

**CONTEXT** (Explain the relevancy of this project to the Watershed Plan and if applicable the Walla Walla Subbasin plan , Snake River Salmon Recovery plan, etc.)

Due to the efforts to coordinate the identified planning efforts and associated actions/benefits across the region, project implementation will be beneficial to actions identified in all Plans. The variances between the Plans generally are designed to meet Plan specific objectives Subbasin Plans, fish and wildlife habitat mitigation, Salmon Recovery Plan, recovery of ESA listed salmonids and Watershed Plan, water quantity/quality and related fish benefits for that Planning purpose

This project proposal is specifically identified in the Watershed Plan Dip in Table 3-1 and by reference (irrigation piping/lining for MSA) in Tables 3-3 and 3-4 and address various resource concerns.

Additional partners: agencies, landowners, volunteers? N/A

Please list affected landowner(s): Federal, Local, Private, State, or Tribal:  
West End Irrigation District Board and ditch water users.

For each landowner explain the agreement that is in place (agreements must be in place for project consideration)?

West End Irrigation District Board has signed a Project Partner Form and Cooperator Willingness Form with the Columbia Conservation District. Upon successful funding the West End Irrigation District Board will enter into a contract with CCD to implement the project.

When known and as necessary, identify the staff, consultants, and subcontractors that will be designing and implementing the project, including their names, qualifications, roles and responsibilities. If not yet known, describe the selection process.

Project administration, oversight and engineering services will be provided by CCD. Actual project implementation will occur following a bid process.

**PROJECT FUNDING/BUDGET**

*(Other state funds will not be acceptable as match)*

2008-9 Project Implementation Funding requested in this application:      \$ 31,407  
 Total sponsor match/in-kind cost share contribution (10% required):      \$ 16,691  
 Total cost of project (match & project implementation funding requested):      \$ 48,098

BUDGET BY ELEMENT	Requested	Match	Total
1. SALARIES	\$ <u>4,000</u>	\$ _____	\$ <u>4,000</u>
2. BENEFITS	\$ _____	\$ _____	\$ _____
3. CONTRACTED SERVICES	\$ <u>27,407</u>	\$ <u>16,691</u>	\$ <u>44,098</u>
4. TRAVEL	\$ _____	\$ _____	\$ _____
5. EQUIPMENT	\$ _____	\$ _____	\$ _____
6. GOODS/SERVICES	\$ _____	\$ _____	\$ _____
7. OVERHEAD	\$ _____	\$ _____	\$ _____
8. IN-KIND	\$ _____	\$ _____	\$ _____
 TOTAL BUDGET BY ELEMENT	 \$ <u>31,407</u>	 \$ <u>16,691</u>	 \$ <u>48,098</u>
 TOTAL REQUEST FOR FISCAL YEAR (09)		 \$ <u>31,407</u>	

**PARTNERSHIPS: COST SHARE and LANDOWNERSHIP**

Matching Funds or In-Kind Contributions					
Individual/ Organization	Description	Cash cost share or In- Kind	Secured or pending	If pending, until when?	\$ Amount/Value
West End Irrigation District	Partner	Materials	Secure	2 years	16,691
Estimated Project Cost share (must be 10% of total project cost):					

## SCOPE OF WORK

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### **PROJECT TITLE: West End Irrigation District Piping Project**

**PROJECT GOAL: Complete the conveyance main line piping. Enhance Beneficial Use capability, water quantity and quality to the Touchet River via reduced instantaneous withdrawal.**

**PROJECT PURPOSE/NEED: Complete the installation of pipeline eliminating the ditch loss factors enhancing water quantity, instantaneous flows (cfs), reduce potential water quality impacts from waste collection in an open ditch setting.**

### TASKS

#### **Task 1. Contract Development**

##### ACTIONS:

- Develop/sign project contract with Walla Walla County Watershed Planning Department
- Develop/sign contract with West End Irrigation District Board

##### DELIVERABLES:

- Contracts with both entities identifying contract obligations, scope of work, performance timeframe and reporting requirements

##### COMPENSATION:

- Grant: \$1,200

#### **Task 2. Project Contract Bidding**

##### ACTIONS:

- Request bids on project installation, pipe installation and removal of existing fish screen

##### DELIVERABLES:

- Award and sign installation contract with successful applicant

##### COMPENSATION:

- Grant: \$2,000

#### **Task 3. Complete project Installation**

##### ACTIONS:

- Selected Contractor completes installation

##### DELIVERABLES:

- Completed project installation

##### COMPENSATION:

- Match: \$16,691
- Grant: \$27,407
- Total: \$44,098

#### **Task 4. Final Reporting**

##### **ACTIONS:**

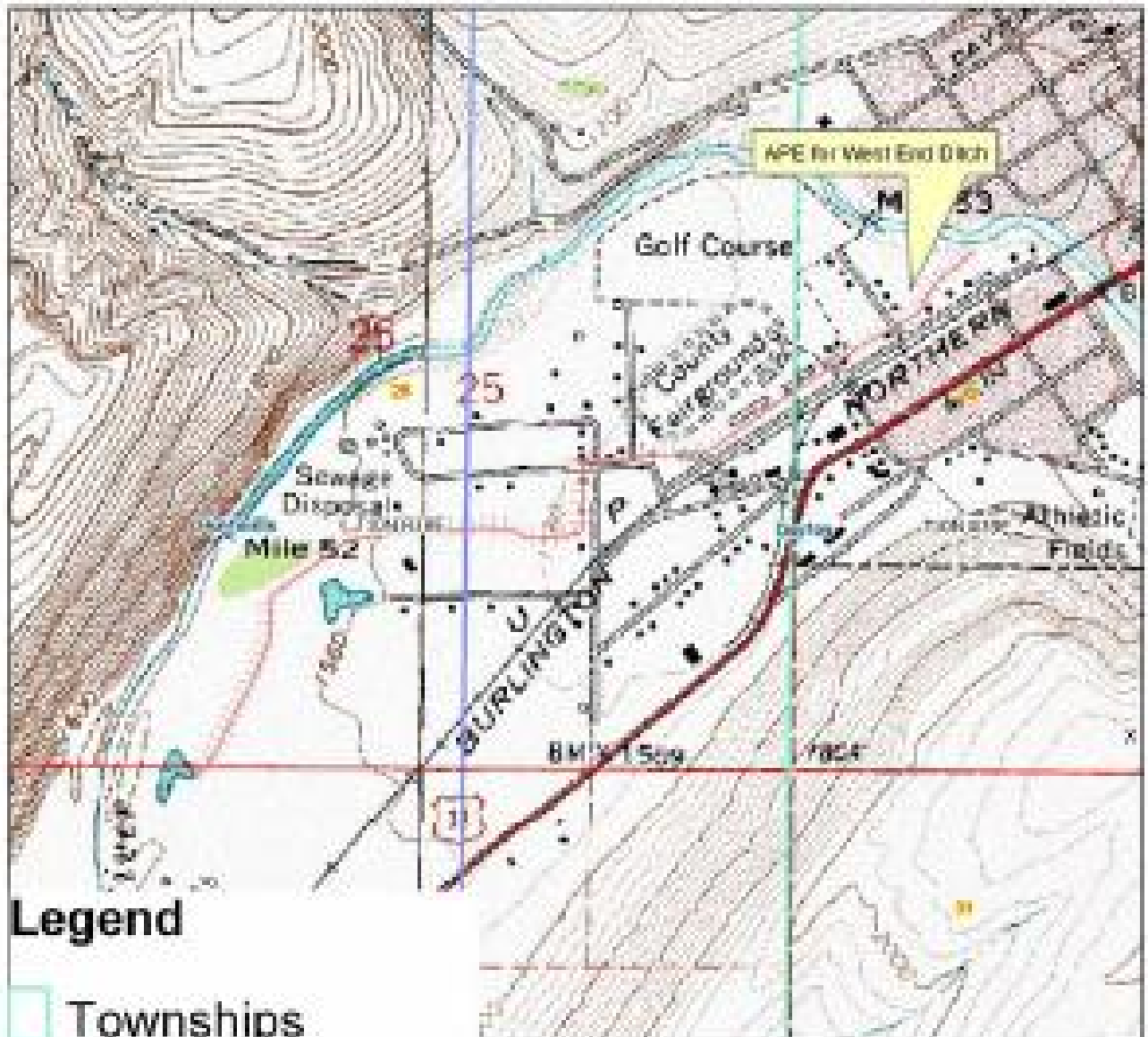
- Contractor submit final billings to CCD
- CCD develop and submit final project report/billings to Walla Wall County Watershed Planning Department

##### **DELIVERABLES:**





- Completed project report and billings

##### **COMPENSATION:**

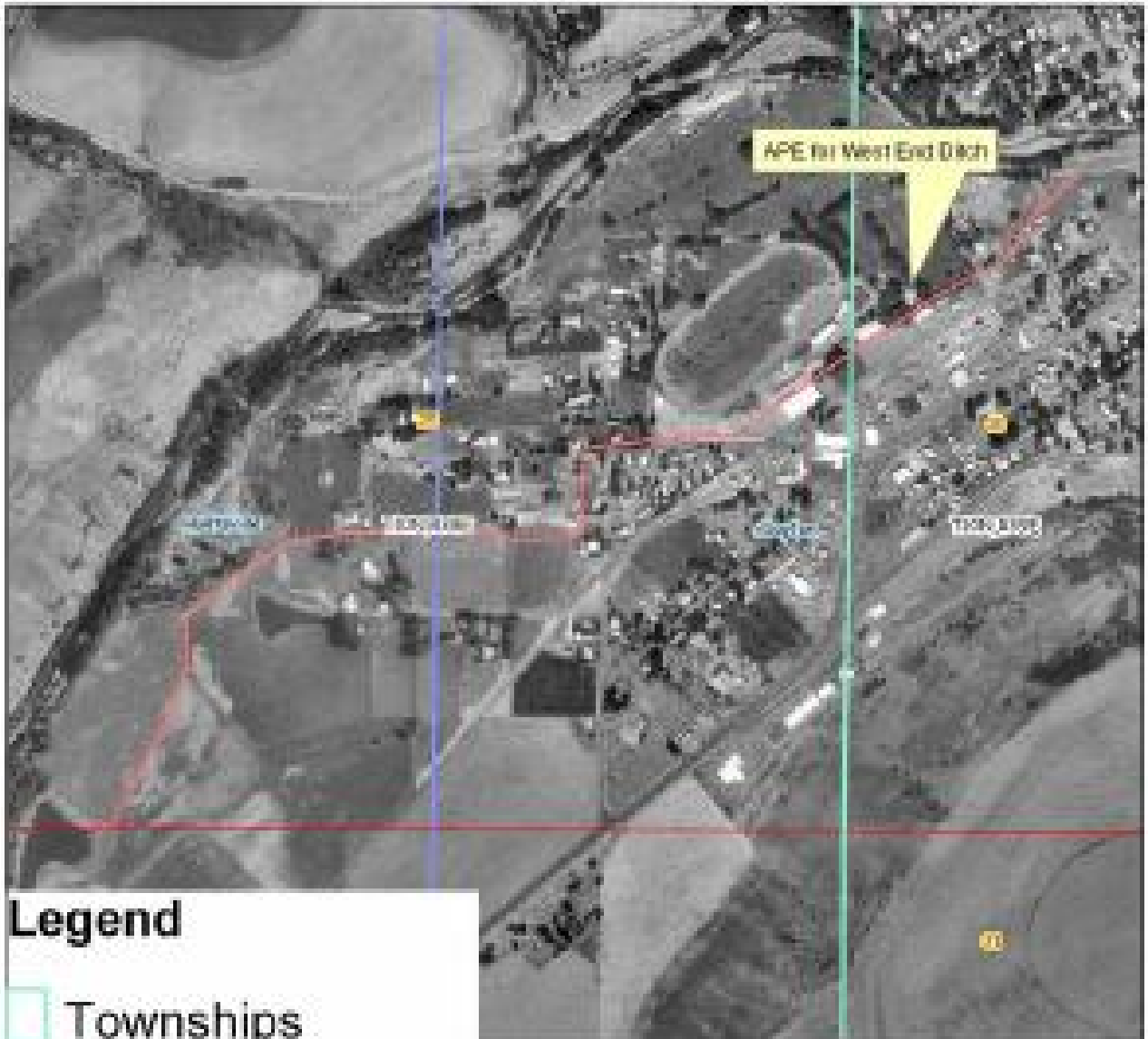
- Grant: \$800







### Legend

-  Townships
-  Sections
-  7.5' Quad Outlines
-  West End Ditch





### Legend

-  Townships
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