

Yuba IRWMP – CID-02

Project Short Form¹

Please fill out the following information to the best of your ability/knowledge. Once the project has been received and a preliminary review completed, the project team will work with you to develop additional information.

Project Sponsor Contact Information

Lead Agency/Organization	Cordua Irrigation District
Name of Primary Contact(s)	Keith Davis Cordua or Mike Filice Hallwood
Mailing Address	P.O. Box 1111 Marysville CA 95901
Email Address	13keithdavis@comcast.net cc mfilice@northtreefire.com
Phone (###) ###-####	530-682-0754 Keith Davis or 530-701-2087 Mike Filice
Project Partners/Collaborators	Hallwood Irrigation Company and Ramirez Water District

General Project Information

Project Title	Hallwood/Cordua Canal - Fish Screen Return Line Replacement
Project Total Budget, based on current knowledge	\$150,000 estimated construction cost + \$100,000 for design, environmental clearance, and permitting.
Project Funding Match, if any	Unknown
Total Project Funding Request	\$250,000 estimated
Can a detailed cost estimate be provided upon request?	No
Project Location (map if available)	
City/Community	Yuba River near Daguerre Point /Hallwood
Watershed/subwatershed	Yuba River Corridor
Groundwater Basin	North Basin
Project Type (highlight in gray all that apply)	Conceptual Feasibility Study Study/Assessment Planning Engineering/Design Permitting CEQA/NEPA Facility Construction Restoration Monitoring Best Management Practices Acquisition Demonstration/Pilot Project

¹ Completed Project Short Forms should be sent via email to Katie Burdick at admin@burdico.net **and** Elizabeth Herrera at Elizabeth.herrera@fishsciences.net

Project Description

Write a narrative briefly describing the project components and/or characteristics (maximum of 300 words).

Hallwood and Cordua Irrigation Districts have a canal that diverts water of the Yuba River near Daguerre Point Dam for irrigating their districts along with Ramirez Water District. The districts fish screen return pipe is being inundated with large amounts of gravel and the districts are collaborating to replace the pipe at a straighter alignment to the river. This new alignment would allow for better flow and maintenance as well as a secondary discharge point during high water events.

The project will work through the environmental permitting and coordinate with other projects along this section of river with Yuba Water Agency and other agencies and groups. The districts have estimated the construction cost at \$150,000, but the project will have additional cost for permitting, environmental consultation, and design.

I. Project Rationale/Issues Statement

Briefly describe the need for the project and the desired outcomes/deliverables (maximum of 200 words).

Hallwood and Cordua Irrigation Districts have a canal that diverts water of the Yuba River near Daguerre Point Dam for irrigating their districts along with Ramirez Water District. The combined diversion from the districts is roughly 590 cfs. To protect fish in the river a fish screen was installed downstream in the district canal and a 24" return line that transports fish back to the river. The return line to the river has had issues over the years due to extreme flows changing the river alignment and depth of the riverbed. These conditions have made maintaining the flow in the line for fish returning to the river difficult. The return line has become deep in the current river channel and becomes blocked by large rocks and debris during high water events. These districts cannot divert water from the river without this return line and the diversion is the main source of irrigation for 24,500 acres of prime farmland. In addition, the pipe is deteriorating with issues from root intrusion into the pipe. All these issues, combined with the unusual routing of the pipe, have forced the districts to abandon sections of the pipe in the river to maintain flow and an outfall. The remaining pipe is to the point where they have limited options if any more pipe fails or is blocked.