

## Yuba IRWMP – RD 784-04

### Project Short Form<sup>1</sup>

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	Reclamation District 784
Name of Primary Contact(s)	Steven L. Fordice
Mailing Address	1594 Broadway, Arboga, California 95961
Email Address	<a href="mailto:steve@rd784.org">steve@rd784.org</a>
Phone (###) ###-####	530-742-0520
Project Partners/Collaborators	

#### General Project Information

Project Title	Pump Station 1 Reconstruction
Project Total Budget, based on current knowledge	\$500,000
Project Funding Match, if any	Local Match funds would be provided by RD784
Total Project Funding Request	\$375,000
Can a detailed cost estimate be provided upon request?	Yes
Project Location (map if available)	Algodon Road east of Hwy 70 at the East end of the Plumas Lake Canal
City/Community	Linda
Watershed/subwatershed	Yuba River
Groundwater Basin	Yuba Groundwater Basin / South Yuba Sub-basin
Project Type (highlight in gray all that apply)	Conceptual Feasibility Study Study/Assessment Planning Engineering/Design Permitting CEQA/NEPA <b>Facility Construction</b> Restoration Monitoring <b>Best Management Practices</b> Acquisition Demonstration/Pilot Project

<sup>1</sup> Completed Project Short Forms should be sent via email to Katie Burdick at [admin@burdico.net](mailto:admin@burdico.net) **and** Elizabeth Herrera at [Elizabeth.herrera@fishsciences.net](mailto:Elizabeth.herrera@fishsciences.net)

## Project Description

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

Currently, one of the two pumps is not operational and the pump station cannot be controlled remotely. The site is also vulnerable to theft and vandalism. The project would repair the inoperable pump, add a SCADA motor control system for both pumps and add security features including a CCTV camera and a motion activated camera-based intrusion alarm system. This pump station lifts water out of the Plumas Lake Canal at the East end and into the Algodon Canal. This pump Station protects the Plumas Lake Golf Club, farmland, commercial, government and residential properties including the Plumas Lake communities.

Additionally, during the design phase of the project, the feasibility of reclaiming storm water for agricultural and municipal use as well as the project's possible contribution to groundwater recharge will be considered, assessed and determined.

### I. Project Rationale/Issues Statement

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

This project replaces aging drainage infrastructure which enhances flood management, and protects water conveyance, several wastewater management and ground water recharge facilities that serve Linda and Olivehurst, two Disadvantaged Communities (DACs). Additionally, the project considers the possibility of reclaiming storm water for agricultural and municipal reuse. The project specifically addresses the following regional issues:

- Upgrading infrastructure;
- Mitigating urban, agricultural and sediment run-off;
- Water use efficiency/water conservation;
- Improving flood management;
- Ensuring regulatory compliance;
- Adapting to climate change.