

## Yuba IRWMP – RD 784-02

### 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	Chestnut Pump Station Reconstruction
Project Total Budget, based on current knowledge	\$2.5 million
Project Funding Match, if any	This pump station serves the Disadvantaged Communities of Linda and Olivehurst
Total Project Funding Request	\$2.5 million
Can a detailed cost estimate be provided upon request?	Yes
Project Location (map if available)	Chestnut Road East of the Western Pacific Railroad, Linda
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).

This project will demolish the current facility and construct a new pump station at the current site with two pumps (primary and redundant) capable of pumping 15 cubic feet per second (cfs) controlled by a SCADA motor control system. A back-up generator would replace a diesel motor back-up supplying reliable power and reducing emissions. A Closed Circuit Television Camera (CCTV) and a motion activated camera security system would also be installed to protect the facility. The CCTV camera would be part of an existing CCTV system already in place.

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.