

## Yuba IRWMP – RD784-13

### 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	Flood Protection Project
Project Total Budget, based on current knowledge	\$483,840
Project Funding Match, if any	\$114,097.50
Total Project Funding Request	\$369,742.50
Can a detailed cost estimate be provided upon request?	Yes
Project Location (map if available)	Map available upon request. Pump station locations listed below.  <u>Pump station #5:</u> 5935 Avondale Ave, Olivehurst CA 39.124021 -121.564476  <u>Pump station #7:</u> 1263 Hammonton Smartsville Rd., Linda, CA 39.119619 -121.570362  <u>Pump station #9:</u> 874 Island Rd., Linda, CA 39.111567 -121.583334
City/Community	Linda and Olivehurst
Watershed/subwatershed	Yuba River

<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)

Groundwater Basin	Yuba Groundwater Basin/South Yuba Sub-basin
Project Type (highlight in gray all that apply)	<ul style="list-style-type: none"> <li>Conceptual</li> <li>Feasibility Study</li> <li>Study/Assessment</li> <li>Planning</li> <li>Engineering/Design</li> <li>Permitting</li> <li>CEQA/NEPA</li> <li>Facility Construction</li> <li>Restoration</li> <li>Monitoring</li> <li>Best Management Practices</li> <li>Acquisition</li> <li>Demonstration/Pilot Project</li> </ul>

## Project Description

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

The overall goal of this project is to decrease vulnerability to climate change-driven flooding in the most densely populated areas of the Yuba IRWMP region. Objectives in support of this goal include upgrading three pump stations to increase reliability and sustainability. Reclamation District 784's pump station 5, 7, and 9 will be upgraded to include supervisory control and data acquisition (SCADA).

### I. Project Rationale/Issues Statement

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

The three pump stations are currently configured using "farmer style" wire probe systems that are likely to fail (for example, if debris entangles around the probe wire strands or if a strand becomes corroded). Under this project, SCADA systems and ultrasonic transmitters would be installed to enable staff to remotely monitor pump station activities, including basin level, status of commercial power, and timing of pumps powering on and off. The upgrades will result in improved ability on the part of RD784 to respond to and resolve problems faster and more efficiently, thereby increasing community safety.

The project specifically addresses the following regional issues:

- Upgrading infrastructure;
- Mitigating urban, agricultural and sediment run-off;
- Improving flood management;
- Ensuring regulatory compliance;
- Adapting to climate change.