

Yuba IRWMP – RD784-15

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	Reclamation District 784
Name of Primary Contact(s)	Patrick Meagher, General Manager
Mailing Address	1594 Broadway, Arboga, CA 95961
Email Address	Patrick@rd784.org
Phone (530) 742-0520	
Project Partners/Collaborators	N/A

General Project Information

Project Title	Unit 3b Levee Mile 4.66 Storm Drain Replacement
Project Total Budget, based on current knowledge	\$600,000.00
Project Funding Match, if any	0
Total Project Funding Request	\$600,000.00
Can a detailed cost estimate be provided upon request?	Yes – Based on similar project completed in 2019.
Project Location (map if available)	Yes
City/Community	Olivehurst
Watershed/subwatershed	
Groundwater 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).

Storm drain pipes are a critical part of RD 784's system. Properly functioning storm drains are necessary to help reduce the chances of flooding. For this straightforward and time-sensitive project, RD 784 will remove an aged, existing pipe that runs through the base of a levee and install a new 18-inch pipe. Key project components include:

- Final planning and engineering designs
- Administrative and inspection tasks
- Site mobilization
- Remove existing 60 – 70-year-old pipe
- Install new 18-inch storm drain pipe through the base of the levee
- Construction of a concrete structure with steel positive closure device (which helps prevent water from backflowing onto the land in the case of flap gate failure or high-water events)
- Installation of landside trash rack and waterside flap gate
- Soil import, backfill, and compaction
- Construction of a landside steel walkway over the trash rack
- Hydroseed the project area to prevent erosion
- Demobilization and final inspection

I. Project Rationale/Issues Statement

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

DWR recently announced (during the March 5, 2020 Local Maintaining Agency, or LMA, coordination meeting) that storm drain pipe inspection ratings will now affect overall Levee Unit ratings. The storm drain pipe in Levee Unit 3b, at Levee Mile 4.66, is currently rated "U" or "Unacceptable." Because of the new rating policy, the current Levee Unit 3b rating of "A" or "Acceptable" could be degraded to a "U" before the end of 2020, which could ultimately impact the overall Urban and Rural Levee system rating.

In 2019, RD 784 went through a Proposition 218-driven process to update the District's operating budget. This process eliminated the RD784 annual Rural Levee revenue source; in effect, removing the funding mechanism for RD 784 to pay for this critical project. Thus, the District is pursuing funds via other sources.

The primary deliverable of this project is a new 18-inch storm drain pipe that meets state and federal requirements.