

## Yuba IRWMP – YWA-27

### 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	Yuba Water Agency
Name of Primary Contact(s)	Scott Matyac
Mailing Address	1220 F Street, Marysville, CA 95901
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Phone (###) ###-####	530 741 5017
Project Partners/Collaborators	
YWA Liaison	Scott Matyac

#### General Project Information

Project Title	South Main Canal Improvement Project
Project Total Budget, based on current knowledge	TBD
Project Funding Match, if any	TBD
Total Project Funding Request	TBD
Can a detailed cost estimate be provided upon request?	Estimate will be available upon completion of project planning.
Project Location (map if available)	Will be submitted soon
City/Community	Marysville, CA
Watershed/subwatershed	Yuba River
Groundwater Basin	South Yuba 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

<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)

**Please select the *status* of the CEQA/NEPA/Permitting for this project:**

<b>CEQA</b> (Select one)	Exempt - <b>Not Started</b> - Initial Study - EIR – Determination - Unknown if Required
<b>NEPA</b> (Select one)	Exempt - <b>Not Started</b> - Environmental Assessment - EIS – Record of Decision - Unknown if Required
<b>Permitting</b> (Select one)	Not Required - <b>Not started</b> – Identified – Consultations Complete – Application Submitted – Complete – Unknown if Required

**Project Description**

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

The project involves improvements to the Agency’s South Main Canal system. The system includes:

1. A headworks facility on the south bank of the Yuba River,
2. 15.4 miles of open canal which extends from the Yuba River, through the Yuba Goldfields and south through agricultural land to the border of South Yuba Irrigation District and Dry Creek Mutual Water Company near Highway 65 about 4.4 miles northeast of Wheatland.
3. Many pipeline undercrossings which traverse public and private roads and creeks.
4. Turnouts and lateral canals and pipelines which serve adjacent farmland.

The present main canal was constructed in 1983 and has been in service for about 37 years. Over the past several irrigation seasons, a number of maintenance issues such as leaks, ground subsidence, undermining and cracking of concrete structures have arisen requiring emergency repairs during irrigation season and improvements during the brief annual winter shutdown. Many of the pipeline and water control facilities are near the end of their expected service life so the frequency and severity of these problems are expected to increase.

The proposed work is comprised of the following tasks:

1. Inspection and condition assessment of the canal system.
2. Planning of Capital Improvements Program for system.
3. CEQA/NEPA Permitting.
4. Engineering design of facility improvements.
5. Construction of projects using best management practices to protect environment.
6. Monitoring of performance of improvements.
7. Project management and administration.

**I. Project Rationale/Issues Statement**

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

The purpose of the project is to maintain a reliable supply of surface water to irrigated lands in southern Yuba County to provide food and sustain our local agricultural economy.

Yuba Water Agency’s South Main Canal supplies surface water diverted from the Yuba River to agricultural land in four member water districts in Southern Yuba County. These Districts are Brophy Water District (17,204 acres), Dry Creek Mutual Water Company (4,605 acres) South Yuba Water District (9,966 acres) and Wheatland Water District (11,330 acres). The water is primarily used for irrigation of

orchards, rice fields and pasture for grazing livestock. Surface water is also used in conjunction with groundwater use to recharge the South Yuba Groundwater Basin.

Canal systems require periodic maintenance, replacements and upgrades to extend their service life, maintain capacity, ensure safety and avoid interruption of water deliveries during irrigation season. The proposed Capital Improvement Project will meet this need and provide for the future of irrigated agriculture in Southern Yuba County.