

Yuba IRWMP – LCWD-07b

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 INFORMATION

Lead Agency/Organization	Linda County Water District
Name of Primary Contact(s)	Brian Davis, Javier Rios
Mailing Address	1280 Scales Avenue, Marysville, CA 95901
Email Address	bdavis@lindawater.com; jrios@lindawater.com
Phone (###) ###-####	530.743.2043; 916.475.3339
Project Partners/Collaborators	City of Marysville
YWA Liaison	Scott Matyac

GENERAL PROJECT INFORMATION

Project Title	Wastewater System Improvement and Energy Efficiency: Phase 2
Project Total Budget (Attach detailed budget, if available)	\$3,604,500
Budget Breakdown	Planning/Design Budget: \$154,500 Implementation Budget: \$3,450,000
Project Funding Match, if any	\$0
Total Project Funding Request	\$3,604,500
Project Location (Attach map if available)	Yuba County/Marysville CA/Linda County Water District WWTP
City/Community	Linda and Marysville
Watershed/subwatershed	Feather River Watershed
Groundwater Basin	South Yuba Sub-Basin
Funding Area	SRFA or MC
Project Priority (Select one)	High/Medium/Low
Project Type (highlight in gray <i>all</i> 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

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

CEQA (Select one)	Exempt - Not Started - Initial Study - EIR – Determination - Unknown if Required
NEPA (Select one)	Exempt - Not Started - Environmental Assessment - EIS – Record of Decision - Unknown if Required
Permitting (Select one)	Not Required - Not started – 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).

Increase the efficacy and efficiency of LCWD’s wastewater treatment system. This project will address near- and long-term impacts related to climate change and capacity needs through the following major components:

1. Aeration System Upgrades
 - a. Conduct a differential air delivery system Investigation to determine and address issues related to disproportionate air flows to each of the plant’s activated sludge basins.
 - b. Replace existing blower to more effectively handle varying Dissolved Oxygen demands and reduce overall electrical costs due to oversized blowers.
2. Grit Removal Study
 - a. Conduct a study that analyzes and characterizes the plant’s grit, and provides a recommendation for implementation of grit removal solutions
3. Solids Handling and Disposal Improvements
 - a. Purchase and installation of polymer injection system into solids transfer line
4. Flow Equalization/Emergency Storage
 - a. Design and construction of additional flow equalization/emergency storage

This is Phase 2 of this project. During Phase 1, one of the three flow equalization structures requiring design and construction was addressed. This project addresses the other two structures.

PROJECT RATIONALE/ISSUES STATEMENT

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

The overall goal of this project is to increase the efficacy and efficiency of Linda County Water District’s (LCWD or the District) wastewater treatment system. This project benefits both LCWD, which serves a severely disadvantaged community (DAC), and the City of Marysville, also a DAC. This project will proactively address near- and long-term impacts related to climate change and capacity needs through improving the plant’s ability to manage high and variable flows (equalization infrastructure). LCWD began receiving raw wastewater from the City of Marysville in late 2018, after the city was forced to decommission its outdated wastewater facility. Although this partnership created a regionalized solution, it also increased the total solids and the different types of solids composition that LCWD must process. In addition to this increased inflow, recent wet seasons have brought a significant increase in

extreme high-flow events caused by climate change. LCWD is looking to construct additional flow equalization infrastructure to help handle flows outside of its peak operating flows.

ATTACHMENTS:

- Task based budget
- Map of project location