

Regional Flood Management Agency YCWA-14

I. Project Sponsor Contact Information

Lead Agency/Organization	Yuba County Water Agency
Name of Primary Contact(s)	Curt Aikens
Mailing Address	Yuba County Water Agency 1220 F Street Marysville, CA 95901
Phone	(503) 743-5703

II. General Project Information

Project Title	Regional Flood Management Agency
Project Total Budget	TBD
Project Funding Match	TBD
Project Funding Request	\$500,000
Can a detailed cost estimate be provided upon request?	No
Project Location:	Region-wide
Latitude	N/A
Longitude	N/A
Could you provide a map of the project location including boundaries upon request?	Yes
County	Yuba
City/Community	Marysville
Watershed/subwatershed	Regionwide (Yuba, Bear, Feather)
Groundwater Basin	Yuba Groundwater Basin
Project Type	Planning Monitoring

III. Project Description

After a devastating flood in 1997, Yuba County Water Agency initiated studies directed toward developing a high level of flood protection for Yuba County and the surrounding communities, which have about one hundred thousand residents and several billion dollars in property and infrastructure. A regional flood control agency can be created to address the Yuba County area's vulnerability to catastrophic flooding. Overall, the current system does not provide adequate flood protection. Improved flood management and flood warning is essential for the health, safety, and economic

stability of communities in the vicinity of the Yuba and Feather Rivers. One cost effective program currently being implement is the Forecast-Coordinated Operations of Lake Oroville and New Bullards Bar Reservoir (F-CO). Through enhanced communication between local, state, and federal agencies, improved data gathering and exchange, and utilization of the most recent advancements to weather and river forecasting, the F-CO will help minimize the risk of exceeding river channel capacity and increase the warning times to the communities along the Yuba and Feather Rivers and downstream.

In response to flooding risk in Yuba County, the Yuba County Water Agency and other Yuba County flood control agencies are considering the creation of the Yuba County Flood Control Agency (YCFCA) through a Joint Exercise of Powers Agreement to the region increased flood protection along the Feather and Yuba Rivers.

The YCFCA’s mission would be to provide the region with at least a 100-year level of flood protection as quickly as possible while seeking a 200-year or greater level of protection over time. With state legislative authority, YCFCA could authorize financing of flood control projects and could direct flood control responsibilities in ways that would provide optimum protection to the natural environment.

IV. Project Rationale/Issues Statement

This project addresses the issue of Flood Management by providing the region with at least a 100-year level of flood protection as quickly as possible while seeking a 200-year or greater level of protection over time. With state legislative authority, the proposed YCFCA could authorize financing of flood control projects and could direct flood control responsibilities in ways that provide optimum protection to the natural environment. In summary and more specifically, the project addresses the following identified regional issues:

Flood Management

- Improve integrated flood management to ensure better emergency preparedness;
- Increase flood protection and enhance floodplain functions and habitat;
- Create multi-stakeholder collaboration for flood management to achieve multiple economic, public safety, and ecological benefits; and,

Regulatory Compliance

Ensure a regulatory framework allowing for local and regional authority to respond to water and watershed management.

V. Goals/Objectives/Performance Metrics

Goals Addressed by the Project	<p>Goal 1: Ensure adequate and reliable water supply that meets the diverse needs of the region;</p> <p>Goal 5: Protect public safety through emergency and drought preparedness and integrated flood management</p>
Objectives Addressed by	1.4 Promote disaster preparedness and conservation planning efforts;

Project	<p>5.1 Improve integrated flood management to ensure emergency preparedness, increase flood protection and enhance regional and inter-regional collaboration;</p> <p>5.2 Support regional and inter-regional collaboration to improve drought and emergency preparedness.</p> <p>The objective of this project is to create a regional agency responsible for flood management with the responsibility to reduce flood risk, thereby minimizing the impacts of floods on human safety, health, and welfare, and, consistent with these flood risk reduction goals, to preserve and enhance the environmental and aesthetic values that floodways and floodplains contribute to the quality of life in Yuba County.</p>
<p>What performance metrics will be used to demonstrate that objectives are being met? Wherever possible, provide a quantitative measurement reflecting successful project outcomes.</p>	

VI. Resource Management Strategies

Improve Flood Management	
Flood Risk Management	<p>The proposed YCFCA’s mission would be to provide the region with at least a 100-year level of flood protection as quickly as possible while seeking a 200-year or greater level of protection over time. With state legislative authority, the proposed YCFCA could authorize financing of flood control projects and could direct flood control responsibilities in ways that provide optimum protection to the natural environment.</p>

VII. Statewide Priorities

Practice Integrated Flood Management

- Better emergency preparedness and response
- Improved flood protection
- More sustainable flood and water management systems

Climate Change Adaptation

The project is in response to the following regionally identified climate vulnerabilities:

- Increased storm intensity and severity puts communities, critical infrastructure, and protective levees at greater risk;
- Responses to increased flood risk could impact water delivery for regional demands and hinder YCWA’s ability to transfer stored water; and,

The project advocates for greater regional and inter-regional coordination to meet statewide priorities for improved integrated flood management, particularly under climate change projections.

GHG Emissions Reduction

The project does not directly mitigate for GHG emissions. However, with improved coordinated flood management, agencies could increase their capacity to more effectively develop regional projects that address GHG emissions reductions as well as climate change vulnerabilities.

VIII. Project Status and Schedule

For Conceptual Projects Only: The Project is currently in the Conceptual Stage: **YES**

IX. Project Technical Feasibility

a. List the water planning documents that specifically identify this project.	
b. List the adopted planning documents the proposed project is consistent with (e.g., General Plans, UWMPs, GWMPs, Water Master Plans, Habitat Conservation Plans, etc.)	Draft Feather River Regional Flood Management Plan Central Valley Flood Protection Plan
c. List technical reports and studies supporting the feasibility of this project.	Forecasted Coordinated Operations of Lake Oroville and New Bullards Bar Reservoir for Managing Major Flood Events
If you are an Urban Water Supplier:	
1. Have you completed an Urban Water Management Plan and submitted to DWR?	Yuba County Water Agency (YCWA) does not supply water for direct urban use and is not subject to the Urban Water Management Plan Act (UWMPA).
2. Are you in compliance with AB1420?	See above.
3. Do you comply with the water meter requirements (CWC Section 525)?	See above.
If you are an Agricultural Water Supplier:	
1. Have you completed and submitted an AWMP?	Yes

If the project is related to groundwater:	
1. Has GWMP been completed and submitted for the subject basin?	Yes