

New Bullards Bar Reservoir Reoperation Manual

YCWA-11

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	(530) 743-5703

II. General Project Information

Project Title	New Bullards Bar Reservoir Reoperation Manual
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:	New Bullards Bar Reservoir
Latitude	39.3921136
Longitude	-121.141623
Could you provide a map of the project location including boundaries upon request?	Yes
County	Yuba
City/Community	Dobbins
Watershed/subwatershed	Yuba/North Yuba
Groundwater Basin	Fractured Hard Rock
Project Type	Best Management Practices

III. Project Description

The purpose of this project is to update the U.S. Corps of Engineers' (USACE) Flood Operations Manual so that it more accurately represents whatever changes are needed in operation. This manual will be used as the guideline for operating New Bullards Bar Reservoir.

IV. Project Rationale/Issues Statement

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.

V. Goals/Objectives/Performance Metrics

Goals Addressed by the Project	Goal 5: Protect public safety through emergency and drought preparedness and integrated flood management
Objectives Addressed by Project	5.1 Improve integrated flood management to ensure emergency preparedness, increase flood protection and enhance regional and inter-regional collaboration; 5.2 Support regional and inter-regional collaboration to improve drought and emergency preparedness.
What performance metrics will be used to demonstrate that objectives are being met? Wherever possible, provide a quantitative measurement reflecting successful project outcomes.	

VI. Resource Management Strategies

Improve Operational Efficiency and Transfers	
System Reoperation	An updated Flood Operations Manual will inform system reoperation during extreme storm events to ensure optimum efficiency and public safety.
Improve Flood Management	
Flood Risk Management	An updated Flood Operations Manual will contribute to sustainable, integrated flood management and will enhance public safety.

VII. Statewide Priorities

Climate Change Response Actions

- Adaptation to Climate Change: Water management system modifications that address anticipated climate

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 improves reservoir flood management operations to meet statewide priorities for improved integrated flood management, particularly under climate change projections.

GHG Emissions Reduction

This project does not directly address GHG mitigation or emissions reduction.

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.)	USACE Flood Operations Manual
c. List technical reports and studies supporting the feasibility of this project.	
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