

*1. Administrative Details*

**Proposal Name: Yuba River Basin General Reevaluation Report**

**by Agency: Sacramento District of the U.S. Army Corps of Engineers**

**Locations: CA**

**Date Submitted: 09/24/2015**

**Confirmation Number: 1e4ce1f0-831f-40ae-ab47-a9de048b9554**

*Supporting Documents*

<b>File Name</b>	<b>Date Uploaded</b>
Yuba River GRR Section 7001.pdf	09/24/2015

**2. Provide the name of the primary sponsor and all non-Federal interests that have contributed or are expected to contribute toward the non-Federal share of the proposed feasibility study or modification.**

Sponsor	Letter of Support
State of California Central Valley Flood Protection Board(Primary)	The non-Federal sponsors, CVFPB and YCWA, are supportive of completion of the GRR. CVFPB and YCWA view the modifications identified in the GRR as critical components of the flood damage reduction system and are supportive of completion of the GRR. CVFPB and YCWA have the ability to provide for the required cost share of the recommended plan.
Yuba County Water Agency	The non-Federal sponsors, CVFPB and YCWA, are supportive of completion of the GRR. CVFPB and YCWA view the modifications identified in the GRR as critical components of the flood damage reduction system and are supportive of completion of the GRR. CVFPB and YCWA have the ability to provide for the required cost share of the recommended plan.

**3. State if this proposal is for a feasibility study, a modification to an authorized USACE feasibility study or a modification to an authorized USACE project. If it is a proposal for a modification, provide the authorized water resources development feasibility study or project name.**

Modification to an Authorized USACE Project : Yuba Basin, California Project

***4. Clearly articulate the specific project purpose(s) of the proposed study or modification. Demonstrate that the proposal is related to USACE mission and authorities and specifically address why additional or new authorization is needed.***

The Yuba River Basin, California, project was authorized for construction in Section 101(a) (10) of the Water Resources Development Act (WRDA) of 1999 as modified by Section 3041 of WRDA 2007. The authorized project included levee modifications to the existing Yuba and Feather River levees to provide flood risk reduction for the RD 784 area and to the City of Marysville. The authorized Yuba River Basin project consists of levee modifications in three Reaches; Reach 1 (Linda/Olivehurst); Reach 2 (Lower RD 784); and Reach 3 (Marysville Ring Levee). USACE shelved the completion of the GRR and issued a Post Authorization Documentation Report (PADR) for the Yuba River Basin Project to acknowledge changes in project cost and benefit ratios and current USACE engineering levee design standards; however, it did not add project elements to the scope of work.

5. To the extent practicable, provide an estimate of the total cost, and the Federal and non-Federal share of those costs, of the proposed study and, separately, an estimate of the cost of construction or modification.

	Federal	Non-Federal	Total
<b>Study</b>	\$8,836,477	\$2,985,401	\$11,821,878
<b>Construction</b>	\$50,330,800	\$27,101,200	\$77,432,000

**Explanation (if necessary)**

Numbers provided are a summation of the Bear River Setback Levee, WPIC, and Goldfields Levee Costs. Bear River Setback cost estimate per “Grant Agreement between the State of California Department of Water Resources and the Three Rivers Levee Improvement Authority for an Implementation Grant for Unit 1 of the Bear-Feather Rivers Levee Setback Element.” Goldfields Levee cost estimate per “Urban Flood Risk Reduction Program Final Application for TRLIA 200-yr Goldfields Setback Levee Project.” WPIC cost estimate per “Funding Agreement between the State of California Department of Water Resources and the Three Rivers Levee Improvement Authority for the Upper Yuba River Levee Improvement Project.”

***6. To the extent practicable, describe the anticipated monetary and nonmonetary benefits of the proposal including benefits to the protection of human life and property; improvement to transportation; the national economy; the environment; or the national security interests of the United States.***

As a result of the severe flood conditions in 1998, the City and County of Merced suffered \$10 million in damages. In the last flood of 2006, there was more than \$12 million worth of damage to residents, business owners and local government. There is a continued threat of major flooding and its associated damages to public facilities and infrastructure, agriculture, residential, commercial, and industrial properties in the City of Merced and surrounding areas.

**7. Does local support exist? If ‘Yes’, describe the local support for the proposal.**

Yes

### **Local Support Description**

The non-Federal sponsors, CVFPB and Merced County, are active participants in the GRR. CVFPB and Merced County view the anticipated improvements identified in the GRR as critical components of the flood damage reduction system and are fully supportive of implementation. We recognize that the feasibility report must be approved by USACE in a Chief of Engineers Report before the project can be authorized for construction.

**8. Does the primary sponsor named in (2.) above have the financial ability to provide for the required cost share?**

Yes

# Additional Proposal Information

(This is as uploaded, a blank page will show if nothing was submitted)

**Yuba River GRR Section 7001.pdf**

**CENTRAL VALLEY FLOOD PROTECTION BOARD**

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September 23, 2015

U.S. Army Corps of Engineers  
Attn: CECW-CE (Lisa Kiefel)  
441 G Street, NW  
Washington, DC 20314-1000

Subject: Proposals from Non-Federal Interests to be Included in the February 2016 U.S. Army Corps of Engineers (USACE) Annual Report to Congress on Future Water Resources Development

Dear Ms. Kiefel:

This letter documents the non-Federal support by the State of California Central Valley Flood Protection Board (CVFPB) for inclusion of a Section 7001 Proposal for the Yuba River General Reevaluation Report (GRR). CVFPB requests that the proposed modification be included the Annual Report to Congress as directed in Section 7001 of the Water Resources Reform and Development Act of 2014. We recognize that the feasibility report must be approved by the USACE in a Chief of Engineers Report before the project can be authorized for construction.

This proposal has been submitted online as required at <http://www.wrrda7001proposals.us/> and meets all the criteria for inclusion in the Annual Report appendix. The five criteria set forth in Section 7001 of Public law 113-121 are met as follows:

*(A) CRITERIA FOR INCLUSION IN REPORT.—The Secretary shall include in the annual report only those feasibility reports, proposed feasibility studies, and proposed modifications to authorized water resources development projects and feasibility studies that—*

*(i) are related to the missions and authorities of the Corps of Engineers;*

The Yuba River Basin, California Project (“Authorized Project”) was authorized for construction in the Water Resources and Development Act of 1999, Pub. L. 106-53, § 101(a)(10), 112 Stat. 269, 275 (hereinafter “WRDA 1999”), as amended by the Water Resources Development Act of 2007, Pub. L. No. 110-114, § 3041, 121 Stat. 1041, 1116 (hereinafter “WRDA 2007”), and consists of three reaches: Reach 1 (Linda/Olivehurst), Reach 2 (Best Slough/Lower RD 784), and Reach 3 (Marysville).

*(ii) require specific congressional authorization, including by an Act of Congress;*

USACE worked on a General Reevaluation Report, but temporarily shelved its completion. Additional improvements to the Western Pacific Interceptor Canal, Bear River Setback, Goldfields Levee, and various underseepage remediations

along the Feather River were not included in the initial authorization, and require a completed GRR to be authorized.

*(iii) have not been congressionally authorized;*

The improvements along the Western Pacific Interceptor Canal and Bear River were not included in the original authorization because the underseepage criteria set forth in Urban Levee Design Criteria ratified by SB-5 and by USACE had not yet been enacted.

*(iv) have not been included in any previous annual report; and*

This proposal was not included in the 2014 Annual Report.

*(v) if authorized, could be carried out by the Corps of Engineers.*

USACE has the authority and capability to modify the project upon authorization by Congress with full support of the non-federal sponsors.

The cost estimate for the recommended improvements is \$77.4 million with an estimated Federal cost of \$50.3 million and an estimated non-Federal cost of \$27.1 million.

The proposed project elements will improve SPFC flood protection to RD 784 and surrounding areas that encompass approximately 35,000 acres with an estimated population of 40,000 people. The recommended project; subject of the final report, is intended to reduce the risk to human life and property. The non-Federal sponsors are eager to move forward with a project that is in accordance with State Laws and regulations to achieve a minimum 200-year risk reduction for urban areas. SB-5 defines urban areas as having 10,000 residents or greater.

The project elements we recommend as part of the Authorized Project include:

- 2 miles of setback levee in the Bear River Setback area, including installation of approximately 18 relief wells
- 5.9 miles of seepage remediation including seepage berms, cutoff walls, and landside toe berms along the Western Pacific Interceptor Canal
- 3.3 miles of new levees along the southern border of the Goldfields

Currently the Authorized Project excludes improvements to Western Pacific Interceptor Canal, Bear River Setback, Goldfields Levee, and various underseepage remediations along the Feather River.

USACE leadership to complete this study is appreciated and we look forward to the Chief's Report and eventual Congressional authorization of a project for this urban area. YWCA and

Ms. Lisa Kiefel  
September 23, 2015  
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CVFPB have been the non-Federal sponsors for the GRR and intend to continue to provide the non-Federal cost share for the GRR.

Central Valley Flood Protection Board

A handwritten signature in blue ink, appearing to read "Leslie Gallagher", is written over a horizontal line.

Leslie Gallagher,  
Central Valley Flood Protection Board  
Executive Officer

cc: (see attached page)