

**Report to Congress for Future Water Resources Development (WRRDA 7001) Submission  
Package**

Proposal Name: Cache Creek Settling Basin Feasibility Study

Submission Date: 08/27/2019

Proposal ID Number: 8b3919f8-6acd-47a1-803c-aa7657276a18

Purpose of Proposal: USACE was authorized to prepare the Cache Creek Settling Basin Feasibility Study to recommend improvements to reduce the risk of flooding to the City of Woodland by the WIIN act of 2016. The general authority for the feasibility study is in Section 209 of the Flood Control Act of 1962 (Public Law 87-874). USACE's feasibility study will result in a recommended plan that will increase flood protection for the City of Woodland. Because the study has not started, there has been no specific congressional authorization for construction. However, after a recommendation is made from the study, construction will be carried out by USACE.

*1. Administrative Details*

**Proposal Name: Cache Creek Settling Basin Feasibility Study**

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

**Locations: CA**

**POC Name: Michael Musto**

**POC Phone: (916) 574-1447**

**POC Email: Michael.Musto@water.ca.gov**

**Date Submitted: 08/27/2019**

**Confirmation Number: 8b3919f8-6acd-47a1-803c-aa7657276a18**

*Supporting Documents*

<b>File Name</b>	<b>Date Uploaded</b>
CCSB Section 7001 CVFPB Letterhead - 20190701.pdf	08/27/2019
woodland map.pdf	08/27/2019

**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 Board has been working with the Sacramento District project delivery team on completing the CCSB to be consistent with the 2017 Central Valley Flood Protection Plan and advance the vision for an integrated flood management system in the Central Valley to provide for safe, healthy, and thriving communities while protecting and restoring the environment. The Board confirms its intent to continue to participate as a Non-Federal Sponsor toward the completion of the CCSB and design and construction of the CCSB recommended plan. The Board’s financial support is limited to flood control only and contingent on: State legislature authorization and appropriation for construction of the project, federal authorization and appropriation for construction of the project, project benefits outweighing costs, and costs being allocated according to beneficial uses and paid by appropriate parties benefiting from those uses.

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

[x] Modification to a USACE Feasibility Study Authority : Cache Creek Settling Basin Feasibility Study

***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.***

USACE was authorized to prepare the Cache Creek Settling Basin Feasibility Study to recommend improvements to reduce the risk of flooding to the City of Woodland by the WIIN act of 2016. The general authority for the feasibility study is in Section 209 of the Flood Control Act of 1962 (Public Law 87-874). USA CE's feasibility study will result in a recommended plan that will increase flood protection for the City of Woodland. Because the study has not started, there has been no specific congressional authorization for construction. However, after a recommendation is made from the study, construction will be carried out by USACE.

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.

	<b>Federal</b>	<b>Non-Federal</b>	<b>Total</b>
<b>Study</b>	\$1,500,000	\$1,500,000	\$3,000,000
<b>Construction</b>	\$30,000,000	\$20,000,000	\$50,000,000

**Explanation (if necessary)**

The Nonfederal partners have committed to providing their entire share of funds available to the Study. U SACE has not yet received a congressional appropriation to fund the Study. Once the Chief's Report has been approved and included in a WRDA bill, new start funding will be needed to begin construction.

***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.***

Flooding in the City of Woodland would have devastating economic, social, political, and demographic consequences for the region, for the State of California, and for the federal government. There has been significant urban growth in this area and as of 2010 the population in the area was 58,000. There have been recent additions of a new substantial light industrial-commercial presence and additional educational facilities are being built. These new additions, combined with the existing infrastructure and development, are valued at approximately \$1,240,000,000. The Urban Area is surrounded by agriculture, with approximately 35,000 residents in the urban area. State Route 113 and Interstate 5 (I-5) also intersect this Urban Area. Existing flood risk management structures are not capable of safely passing large flood flows on Cache Creek. This project proposes additional measures to reduce the risk of flooding in Woodland.

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

Yes

### **Local Support Description**

Yes. Both the CVFPB and the City of Woodland have expressed their support for the project

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

Yes

# Primary Sponsor Letter of Support

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**CCSB Section 7001 CVFPB Letterhead - 20190701.pdf**

**CENTRAL VALLEY FLOOD PROTECTION BOARD**

3310 El Camino Ave., Rm. 170  
SACRAMENTO, CA 95821  
(916) 574-0609 FAX: (916) 574-0682  
PERMITS: (916) 574-2380 FAX: (916) 574-0682



August 23, 2019

Mr. R.D. James  
Assistant Secretary of the Army (CW)  
U.S. Army Corps of Engineers  
108 Army Pentagon  
Washington, DC 20310-1000

Subject: Proposal for Cache Creek Settling Basin General Reevaluation Report to be Included in the February 2020 U.S. Army Corps of Engineers (USACE) Annual Report for Future Water Resources Development

Dear Mr. R.D. James:

This letter documents the non-Federal support of the State of California Central Valley Flood Protection Board (CVFPB) for the inclusion of a Section 7001 proposal for the Cache Creek Settling Basin (CCSB) General Reevaluation Report (GRR). CVFPB requests that the GRR be included in the Annual Report to Congress directed in Section 7001 of the Water Resources Reform and Development Act of 2014.

This proposal has been submitted online as required at <http://www.wrrda7001proposals.us/>. The five criteria set forth in Section 7001 of Public law 113-121 are 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 USACE;*

The Final General Design Memorandum (GDM) issued by USACE in January 1987 for the Cache Creek Settling Basin (CCSB) indicated that based on the estimated rate of sedimentation in the settling basin, modifications would need to be considered for the basin beginning approximately 25 years after construction (2012).

On December 2, 2014, the CVFPB formally requested the assistance of the USACE to undertake a GRR to determine the extent of the necessary modifications to the Cache Creek Settling Basin in Yolo County, California. The GRR was authorized in the Water Resources Development Act of 2016. On April 16, 2019, a letter of intent was submitted to USACE Sacramento District requesting appropriations for the GRR. This request is still being reviewed by USACE.

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

The completion of the GRR will result in a recommended plan, which will require congressional authorization and funding to begin construction.

- (iii) *have not been congressionally authorized;*

The new Cache Creek Settling Basin GRR was authorized in the Water Resource Development Act of 2016, Section 1201(2).

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

The request for a new CCSB GRR was submitted in the 2015 annual report.

- (v) *if authorized, could be carried out by the USACE.*

USACE clearly has the authority and capability to execute a recommended project upon authorization by Congress with full support of the non-Federal sponsors.

The cost estimate for the GRR is \$50 million developed by USACE with an estimated federal cost of \$30 million and an estimated non-Federal cost of \$20 million.

This GRR will be developed in accordance with EC 1165-2-220, which establishes an accountable, comprehensive, life-cycle review strategy for Civil Works products by providing a seamless process for review of all Civil Works projects from initial planning through design, construction, and operation, maintenance, repair, replacement and rehabilitation (OMRR&R). The EC outlines four general levels of review: District Quality Control/Quality Assurance (DQC/QA), Agency Technical Review (ATR), Independent External Peer Review (IEPR), and Policy and Legal Compliance Review. In addition to these levels of review, decision documents are subject to cost engineering review and certification (per EC 1165-2-220) and planning model certification/approval (per EC 1105-2-412).

CVFPB has been the non-Federal sponsors for the past GRR and intends to continue to provide the non-Federal cost share for this new GRR.

Central Valley Flood Protection Board

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Leslie Gallagher,  
Central Valley Flood Protection Board  
Executive Officer

Mr. R.D. James  
August 23, 2019  
Page 3

cc: James C. Dalton, Director of Civil Works  
Headquarters, U.S. Army Corps of Engineers  
441 G Street NW  
Washington, DC 20314

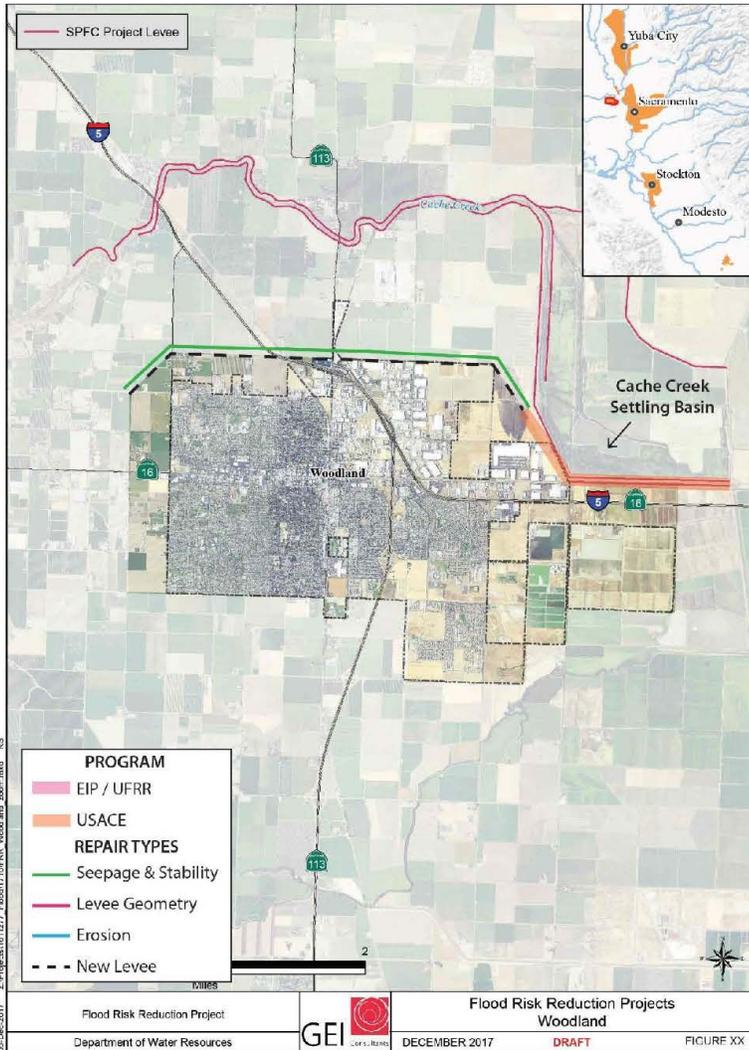
Curtis Lee, Engineer Geologist  
Department of Water Resources  
Division of Flood Management  
3464 El Camino Avenue, Suite 200  
Sacramento, CA. 95821

Todd Bernardy, Acting Chief, Flood Projects Office  
Department of Water Resources  
Division of Flood Management  
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# Map Document

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woodland map.pdf



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