

Yuba IRWMP – BEALE-05

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 Contact Information

Lead Agency/Organization	Beale AFB
Name of Primary Contact(s)	Blaze Baker, Peggy Knox, Mitchell Costa
Mailing Address	6425 B Street, B25390, Beale AFB, CA 95903
Email Address	Blaze.baker.1@us.af.mil , peggy.knox@us.af.mil , mitchell.costa.1@us.af.mil
Phone (###) ###-####	(530) 634-4451, (530) 634-2649, (530) 634-0708
Project Partners/Collaborators	Yuba County
YWA Liaison	

General Project Information

Project Title	Vassar Lake Spillway Reconstruction
Project Total Budget, based on current knowledge	\$1,300,000
Project Funding Match, if any	To be negotiated
Total Project Funding Request	\$1,300,000
Can a detailed cost estimate be provided upon request?	Yes
Project Location (map if available)	Beale AFB; map provided upon request
City/Community	Beale AFB, Wheatland
Watershed/subwatershed	Upper Bear/Grasshopper Slough-Dry Creek
Groundwater Basin	Sacramento Valley – South Yuba
Project Type (highlight in gray all 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).

Project to include total spillway reconstruction. The CMPs is to be replaced with a concrete box culvert and the outlet channel is to be regraded and armored with rock slope protection.

I. Project Rationale/Issues Statement

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

Vassar Lake Dam is located on the eastern border of Beale Air Force Base (AFB). Camp Beale Highway runs across the dam crest, connecting Beale AFB to the town of Wheatland. The Dam was inspected in 2016 by USACE and was determined to be a significant hazard dam. Significant hazard dams are required to have capacity to pass the 1000-year storm event (0.1% Annual Chance Exceedance). The existing spillway is woefully undersized and headward erosion of outlet channel is undercutting the corrugated metal pipes (CMP) that make up the spillway. The spillway is at risk of failure during a significant storm event, which could lead to roadway failure and potential driver casualties.