

Yuba IRWMP – BEALE-03

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	N/A
YWA Liaison	

General Project Information

Project Title	Housing Water Tanks
Project Total Budget, based on current knowledge	\$2,157,000
Project Funding Match, if any	To be negotiated
Total Project Funding Request	\$2,157,000
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
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).

Design, fabricate, erect, and test a new bolted steel potable water tank with a capacity of 1 MG. The tank is to be located near the base housing area, adjacent to existing tank. Tank install to include cathodic protection system, lighting, equalizing line, connection into existing utilities, and compatible Utility Monitoring and Control System (UMCS). The water tank is to be connected into existing utilities, all associated equipment and connection will be installed. Site grading required to ensure proper drainage away from the tank. A ring wall concrete foundation, concrete sidewalk and paved road are to be constructed to support the new tank.

This project will comply with UFC 3-230-01 (Water Storage and Distribution), UFC 3-570-01 (Cathodic Protection), American Water Works Association (AWWA) D102/ D103/ D104/ D106/ C652, and National Science Foundation (NSF) 61.

I. Project Rationale/Issues Statement

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

The housing water storage tank was installed in 1967 and has surpassed its 50 year service life. The current tank is in an extremely degraded condition with sediment staining, heavy blistering, rust noduling, and corrosion and pitting. The tank has been difficult to maintain due to the failure of the exiting monitoring system. Additionally, a 2015 inspection on the cathodic protection found the interior coating system had failed resulting in an inability to meet proper protection levels.

Tank replacement is required in order to prevent a catastrophic failure resulting in dangerous materials entering the water body. The area of concern provides water to the airmen and families residing on base.