

**Pajaro River Watershed Integrated Regional Water Management Plan Update
Project Solicitation Form**

PROJECT OVERVIEW

General Project Information

Project Title:	Uvas Creek Flood Protection Project
Project Location:	City of Gilroy, County of Santa Clara
Estimated Cost:	Not Available, Planning Not Yet Initiated

Brief Project Description (1 to 2 sentences):

The Uvas Creek Flood Protection Project when initiated would study the passage of overbanking flow of Uvas Creek downstream of the flood protection improvements (between Hwy 101 and Thomas Road in Gilroy, CA) completed by the U.S. Army Corps of Engineers in 1989. The Project would also develop flood risk reduction measures while maintaining creek stability and habitat.

Project Proponent Information

Contact Name:	Liang Lee
Affiliation:	Santa Clara Valley Water District
Address:	5750 Almaden Expressway, San Jose, CA 95118
Phone Number:	408-630-2927
Email:	llee@valleywater.org

Other participating agencies/organizations (if applicable):

Santa Clara Valley Water District, possibly the U.S. Army Corps of Engineers or National Resources Conservation Service (NRCS)

DETAILED PROJECT INFORMATION

Description

Please provide a description of your project (including the location) and its purpose, what will be constructed and/or implemented, how the project will function, the area(s) and/or entities that will be affected by or will benefit from the project, and any potential obstacles to implementation.

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Technical Feasibility

Discuss the technical feasibility of the project. If possible, cite references that contain information about the proposed project and detail the technical feasibility of the project.

Currently, the Project has not yet been initiated to begin Planning.

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Pajaro River Watershed IRWM Regional Goals & Objectives

Put an X next to any goal that the proposed project will achieve.

Water Supply	
<input type="checkbox"/>	1. Meet 100% of M&I and agriculture demands (both current and future conditions) in wet to dry years including the first year of a drought.
<input type="checkbox"/>	2. Meet 85% M&I and 75% agriculture demands (both current and future conditions) in second and subsequent years of a drought.
<input type="checkbox"/>	3. Identify and address water supply needs of disadvantaged communities in the Pajaro River Watershed.
<input type="checkbox"/>	4. Implement water conservation programs to reduce M&I and agricultural water use consistent with SBx7-7 and CVPIA.
<input type="checkbox"/>	5. Maximize the use of recycled water during the irrigation season and expand other uses of recycled water.
<input type="checkbox"/>	6. Optimize the use of groundwater and aquifer storage.
<input type="checkbox"/>	7. Maximize conjunctive use opportunities including interagency conjunctive use.
<input type="checkbox"/>	8. Optimize and sustain the use of existing import surface water entitlements from the San Felipe Unit.
<input type="checkbox"/>	9. Maximize the beneficial use of existing local water supplies while protecting existing surface water rights.
Water Quality	
<input type="checkbox"/>	1. Meet or exceed all applicable groundwater, surface water, wastewater, and recycled water quality regulatory standards.
<input type="checkbox"/>	2. Identify and address the drinking water quality of disadvantaged communities in the Pajaro River Watershed.
<input type="checkbox"/>	3. Protect groundwater resources from contamination including salts and nutrients.
<input checked="" type="checkbox"/>	4. Address impacts from surface water runoff through implementation of Best Management Practices or other surface water management strategies.
<input type="checkbox"/>	5. Meet or exceed delivered water quality targets established by recycled water users.

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Flood Protection

x	1. Implement flood management strategies throughout the watershed that provide multiple benefits.
x	2. Reach consensus on the Pajaro River Risk Reduction Project necessary to protect existing urban areas and infrastructure from flooding and erosion from the 100-year event and to maximize opportunities to protect agricultural land uses.
x	3. Work with stakeholders to preserve existing flood attenuation by implementing land management and conservation strategies throughout the watershed.
x	4. Develop approaches for adaptive management to minimize maintenance requirements and protect quality and availability of water while preserving ecologic and stream functions.
x	5. Provide community benefits beyond flood protection such as public access, open space, recreation, agriculture preservation and economic development.

Environmental Protection and Enhancement

x	1. Address opportunities to enhance the local environment and protect and/or restore natural resources, in cooperation with landowners, when developing water management strategies.
x	2. Improve biological and cultural resources, including riparian habitats, habitats supporting sensitive plant or animal species and archaeological/historic sites when implementing strategies and projects.
	3. Address opportunities to protect, enhance, or restore habitat to support Monterey Bay National Marine Sanctuary marine life in conjunction with water supply management strategies.
x	4. Address opportunities for open spaces, trails, parks along creeks and other recreational projects in the watershed that can be incorporated with water management strategies, consistent with public use and property rights.

Integration and Coordination

Put an X next to any Resource Management Strategies (RMS) that the proposed project will address.

Reduce Water Demand	Agricultural Water Use Efficiency	
	Urban Water Use Efficiency	
Improve Operational Efficiency and Transfers	Conveyance - Delta	
	Conveyance - Regional/local	
	System Reoperation	

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	Water Transfers	
Increase Water Supply	Conjunctive Management & Groundwater Storage	
	Desalination	
	Precipitation Enhancement	
	Recycled Municipal Water	
	Surface Storage - CALFED	
	Surface Storage - Regional/local	
Improve Water Quality	Drinking Water Treatment & Distribution	
	Groundwater Remediation /Aquifer Remediation	
	Matching Quality to Use	
	Pollution Prevention	
	Salt & Salinity Management	
	Urban Runoff Management	x
Improve Flood Management	Flood Risk Management	x
Practice Resources Stewardship	Agricultural Lands Stewardship	x
	Economic Incentives (Loans, Grants, & Water Pricing)	
	Ecosystem Restoration	x
	Forest Management	
	Recharge Area Protection	x
	Water-Dependent Recreation	
	Watershed Management	x
Other Strategies	Crop Idling for Water Transfers	
	Dewvaporation or Atmospheric Pressure Desalination	
	Fog Collection	
	Irrigated Land Retirement	
	Rainfed Agriculture	
	Waterbag Transport/Storage Technology	

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List the projects that were integrated to develop a single proposed project, if applicable.

The Project will work with the Association of Monterey Bay Area Governments who also desire to preserve the Soap Lake Floodplain.

List the agencies and organization that are working together to implement the project.

Santa Clara Valley Water District, Possibly the U.S. Army Corps of Engineers or National Regional Conservation Service

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Climate Change Mitigation and Adaptation

Put an X next to any climate change adaptation or mitigation strategy the proposed project will contribute to.

Adaption Strategies

<input type="checkbox"/>	Improve water supply reliability
<input type="checkbox"/>	Expand conjunctive use of multiple water supply sources
<input type="checkbox"/>	Increase water use and/or reuse efficiency
<input type="checkbox"/>	Provide additional water supply
<input checked="" type="checkbox"/>	Promote water quality protection
<input type="checkbox"/>	Reduce water demand
<input type="checkbox"/>	Advance / expand recycled water use
<input type="checkbox"/>	Promote urban runoff reuse
<input type="checkbox"/>	Address sea level rise
<input type="checkbox"/>	Address other anticipated climate change impacts
<input checked="" type="checkbox"/>	Improve flood control
<input checked="" type="checkbox"/>	Promote habitat protection
<input checked="" type="checkbox"/>	Establish migration corridors
<input checked="" type="checkbox"/>	Re-establish river-floodplain hydrologic continuity
<input checked="" type="checkbox"/>	Re-introduce anadromous fish populations to watershed
<input type="checkbox"/>	Enhance and protect watershed forest and meadow systems

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Mitigation Strategies

<input type="checkbox"/>	Increase water use efficiency or promote energy-efficient water demand reduction
<input type="checkbox"/>	Improve water system energy efficiency
<input type="checkbox"/>	Advance / expand recycled water use
<input type="checkbox"/>	Promote urban runoff reuse
<input type="checkbox"/>	Promote use of renewable energy sources
<input type="checkbox"/>	Contribute to carbon sequestration

Please describe:

Does the proposed project reduce regional greenhouse gas emissions and/or improve energy efficiency? If so, explain how.

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Social Benefits and Impacts

Does the project provide specific benefits to disadvantaged communities and/or Native American tribal communities? If so, explain.

There are 11 DAC blocks, with a total population of about 14,000, in the Llagas Subbasin. Unknown at this time, since the Project has not been studied or analyzed to determine the extents of the benefits and how those Project extents would benefit the disadvantaged communities in the area.

Does the project address any known environmental justice issues?

Project Cost

Total Estimated Capital Cost
Annual Operation & Maintenance (O&M) Cost
Cost Basis (Year)
Source(s) of Funding for Capital

Source(s) of Funding for O&M Cost
Project Life (years)
Provide link to project cost estimate, if available

Unknown
Unknown
N/A
Unknown
Unknown
Unknown
Unknown

Economic Feasibility

Has a benefit:cost or cost effectiveness analysis been completed for your project? If so, please cite reference and briefly summarize. If no economic analysis has been completed for the project, the project may receive zero points out of a possible 100 points for the financial considerations criteria unless the project is a DAC project. If the project is not a DAC project but the B:C ratio is expected to be greater than 1, please provide a justification. The lack of an economic analysis may also affect the project's readiness score.

A benefit to cost analysis has not been completed for the Project, as this Project is not yet in the Planning stage.

If known, please provide the Benefit:Cost Ratio.

Unknown

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Provide a detailed discussion of the benefits the project will provide. To the extent possible, quantify changes and benefits (e.g. water quality and water supply benefits) that will result from project implementation; otherwise, describe benefits qualitatively.

Since the Project is not yet in the Planning stage, no detailed discussion of the Project benefits can be provided. Generally speaking, the Project would extend flood protection downstream to protect agricultural lands, maintain creek stability and habitat, aid in the preservation of the Soap Lake Floodplain.

Project Readiness

Proposed Project Start Date:	Unknown
Anticipated Project Completion Date:	Unknown

Please Indicate the status (pending, in process, complete) of the following.

Project Element	Status	% Complete	Estimated Completion Date
<i>Feasibility Study</i>	N/A	0%	-
<i>Preliminary design</i>	N/A	0%	-
<i>CEQA/NEPA</i>	N/A	0%	-
<i>Permit Acquisition</i>	N/A	0%	-
<i>Construction Docs</i>	N/A	0%	-