

Yuba County IRWMP | 2018 Update

APPENDIX 14-1

Project Solicitation Form

Yuba County IRWMP Update Project Solicitation Form

The Yuba County IRWM region is accepting projects to be considered for inclusion in the IRWMP Update. For your project(s) to be considered for inclusion, you need to complete this Project Solicitation Form, even if you have a project in the existing Plan. If you have multiple projects, you will need to complete a separate form for each project. It is essential for the RWMG to have current and guideline-compliant information for all projects. This will be vitally important when the RWMG goes through the project review and selection processes.

Completed Project Solicitation Forms should be sent via email to Katie Burdick at admin@burdico.net

I. Project Sponsor Contact Information

Lead Agency/Organization	
Name of Primary Contact(s)	
Mailing Address	
Email Address	
Phone (###)###-####	
Project Partners/Collaborators	

II. General Project Information

Project Title	
Project Total Budget	
Project Funding Match with sources of non-State of California match funding indicated (minimum 25% match requirement unless project meets critical water needs of a disadvantaged community then match may be waived)	
Project Funding Request (This amount should equal the total budget minus secured funding match)	
Can a detailed cost estimate be provided upon request?	

Project Location:	
Latitude	
Longitude	
Could you provide a map of the project location including boundaries upon request?	
Project Location Description:	
City/Community	
Watershed/subwatershed	
Groundwater Basin	
Project Type (highlight in gray all that apply)	<ul style="list-style-type: none"> Planning Facility Construction Restoration Study/Assessment Monitoring Best Management Practices Acquisition Demonstration/Pilot Project

III. Project Description

Write a narrative briefly describing the project (maximum of 300 words). Please be aware that this description will be the basis for what would ultimately be published in the Yuba County IRWM Plan.

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IV. Project Rationale/Issues Statement

Briefly describe (maximum of 200 words) how the project addresses one or more of the region’s identified issues. **See attached Issues List for your reference.**

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V. Objectives/Performance Metrics

Identify the objectives addressed by the project and provide a one to two sentence explanation of how the project contributes to the attainment of relevant objectives. Additionally, identify the performance metrics that will be used to measure project success. **See attached Goals-Objectives and Performance Metrics document for your reference.**

Objectives Addressed by Project	
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<p>What performance metrics will be used to demonstrate that objectives are being met? Wherever possible, provide a quantitative measurement reflecting successful project outcomes.</p>	

VI. Resource Management Strategies (RMS)

Provide a one to two sentence explanation in the Resource Management Strategies table on the next page of how the project incorporates the Resource Management Strategy(ies). If you are uncertain about whether a particular RMS applies, let us know and we will work with you to determine the applicability of the strategy.

VII. Project Technical Feasibility

Provide any related documents that describe and confirm the technical feasibility of your project.

a. List the water planning documents that specifically identify this project.	
b. List the adopted planning documents the proposed project is consistent with (e.g., General Plans, UWMPs, GWMPs, Water Master Plans, Habitat Conservation Plans, etc.)	
c. List technical reports and studies supporting the feasibility of this project.	
If you are an Urban Water Supplier:	
1. Have you completed an Urban Water Management Plan and submitted to DWR?	
2. Are you in compliance with AB1420?	
3. Do you comply with the water meter requirements (CWC Section 525)?	
4. If the answer to any of the questions	

above is “no,” do you intend to comply prior to receiving project funding?	
If you are an Agricultural Water Supplier:	
1. Have you completed and submitted an AWMP?	
2. If not, will you complete an AWMP prior to receiving project funding?	
If the project is related to groundwater:	
1. Has GWMP been completed and submitted for the subject basin?	
2. If not, will the GWMP be completed within one year of the grant submittal date?	

State of California RMSs and Management Objectives¹

	RMS	Management Objective	How Project Addresses RMS
1	Agricultural Lands Stewardship	Practice Resource Stewardship	
2	Agricultural Water Use Efficiency	Reduce Water Demand	
3	Conjunctive Management and Groundwater Storage	Increase Water Supply	
4	Conveyance - Delta	Improve Operational Efficiency and Transfers of Water	
5	Conveyance - Regional/Local	Improve Operational Efficiency and Transfers of Water	
6	Crop Idling for Water Transfers	Improve Operational Efficiency and Transfers of Water	
7	Desalination	Increase Water Supply	
8	Drinking Water Treatment and Distribution	Improve Water Quality	
9	Economic Incentives	People and Water	
10	Ecosystem Restoration	Practice Resource Stewardship	
11	Flood Risk Management	Improve Flood Management	

¹ State of California, Water Plan Update 2013, Volume 3 Resource Management Strategies.

12	Forest Management	Practice Resource Stewardship	
13	Groundwater Remediation/Aquifer Remediation	Improve Water Quality	
14	Land Use Planning and Management	Practice Resource Stewardship	
15	Matching Water Quality to Use	Improve Water Quality	
16	Recycled Municipal Water	Increase Water Supply	
17	Outreach and Engagement	People and Water	
18	Pollution Prevention	Improve Water Quality	
19	Precipitation Enhancement	Increase Water Supply	
20	Recharge Area Protection	Practice Resource Stewardship	
21	Salt and Salinity Management	Improve Water Quality	
22	Sediment Management	Practice Resource Stewardship	
23	Surface Storage - CALFED	Increase Water Supply	
24	Surface Storage - Regional/Local	Increase Water Supply	
25	System Reoperation	Improve Operational Efficiency and Transfers of Water	
26	Urban Stormwater Run-off Management	Improve Water Quality	
27	Urban Water Use Efficiency	Reduce Water Demand	
28	Water and Culture	People and Water	

29	Water Transfers	Improve Operational Efficiency and Transfers of Water	
30	Water-dependent Recreation	People and Water	
31	Watershed Management	Practice Resource Stewardship	
32	Other Strategies (such as Irrigated Land Retirement)	Objectives Vary by Strategy	

VIII. Benefits to Disadvantaged Communities (DACs), Tribal Water Issues, and Environmental Justice Issues

Please briefly describe benefits your project will provide in addressing:

- Critical water issues for DACs
- Critical water issues for Native American Tribes
- Environmental justice issues (e.g., relieving under-represented communities from disproportionately bearing the costs or effects of flooding)

IX. Project Costs and Financing

Please briefly indicate if financing has been pursued or secured for this project, and the status of any pending financing.

X. Economic Feasibility

Please fill out an Economic Feasibility Questionnaire contained in **Appendix 14-3**.

XI. Project Status and Schedule

Determine the status of the project by indicating if it is in a conceptual stage. If it is further developed, describe the level of completion in each project stage. Additionally, describe the activities and expected schedule for each stage.

For Conceptual Projects Only: The Project is currently in the Conceptual Stage: YES (highlight in gray if applicable)

Note: If the project is in the conceptual stage only, do not fill out the following table.

Project Stage	Description of Activities in Each Project Stage	Planned/Actual Start Date	Planned/Actual Completion Date
Planning			
Design			
Environmental Documentation (CEQA/NEPA)			
Permitting			
Tribal Consultation (if not applicable, indicate by N/A)			
Construction/ Implementation			

XII. Strategic Considerations for IRWM Plan Implementation

One of the advantages of IRWM planning is to use the regional perspective to leverage any efficiencies that might be gained by combining or modifying local projects into regional projects. In reviewing projects for inclusion in the IRWM Plan, the RWMG must consider a project’s merit in light of strategic aspects of Plan implementation such as:

- Purposefully restructuring or integrating projects
- Purposefully implementing a project as-is
- Purposefully meeting project goals with an alternative project/modified project
- Plan objective priorities
- Purposefully implementing regional projects
- Purposefully implementing projects with multi-benefits

Briefly describe (maximum of 200 words) how the project achieves any of the above considerations.

XIII. Climate Change Adaptation (maximum 200 words)

Briefly describe how the project assists the region in adapting to the effects of climate change. Also, describe how well you anticipate the project will perform when considering the projected effects of climate change, such as more extreme weather events, warmer/drier conditions, earlier snowmelt.

XIV. GHG Reduction Considerations for Project Design and Alternatives (max 300 words)

Using Guideline suggestions listed below, briefly describe the contribution of the project in reducing greenhouse gases (GHGs) as compared to project alternatives, in quantitative or qualitative (relative) terms. Consideration should also be given to:

- a project’s ability to help the region reduce GHG emissions as new projects are implemented over the 20-year planning horizon; and
- reducing energy consumption, especially the energy embedded in water use, and ultimately reducing GHG emissions.

IRWM Guidelines suggest that common emissions sources from projects are related to:

- Operations of construction equipment
- Passenger vehicle trips during construction and operation
- Transportation of construction materials and equipment
- Transportation of material inputs for O&M
- Transportation of material outputs or production
- Generation of electricity used for operation of projects
- Waste generation and disposal of materials during construction and operation

Reduction strategies during project design and project mitigations under CEQA/NEPA review could include any of the applicable measures listed below:

Project construction-related transportation

- Offer local contractor preference and local purchase of construction materials where possible to reduce transportation-related emissions
- Encourage or require carpooling within construction contracts
- Encourage use of B20 fuels in construction equipment and other diesel machinery
- Restrict inappropriate OHV use, particularly in sensitive or restored areas where project investments have been made

Project construction-related emissions

- Encourage or require recycling of construction waste, such as brick, concrete, lumber, metal, and dry wall, as may be required within Shasta County from the proposed Lumber Waste Diversion Ordinance
- Pursue projects in this Plan that would use biomass from fuels reduction projects
- Capture sequestration opportunities with forest, sage-steppe, riparian, and grassland revegetation, stabilization, and restoration projects

Water supply and water efficiency improvements

- Select project components and upgrades, such as pumps, based on energy efficiency
- Schedule pumping to reduce peak hour (12:00 to 5:00, highest carbon output) energy use
- Select projects that offer the best water conservation options among project choices (e.g., greatest reuse/recycling, greatest reduction in leakage or evaporation per mile)

- Install solar generation equipment for pumping and other energy-generation needs to reduce both emissions and long-term O&M costs
- Increase conservation/reduce water use (and thus the energy and emissions related to its delivery) with increased metering, favorable rate incentives for conservation, and education within utility bills

XV. Project Proponent Has Adopted, or Will Adopt Plan

Please indicate if your entity has already adopted the current Plan, and when it will adopt this Plan Update.

Statewide Priorities

For State funding purposes, it is crucial to demonstrate how your project addresses current Statewide priorities as outlined in the most current guidelines.