Yuba IRWMP – YWA-32

Project Short Form[1]

Please fill out the following information to the best of your ability/knowledge. Contact Keri Rinne with questions: keri.rinne@gmail.com

PROJECT SPONSOR INFORMATION

Lead Agency/Organization	Yuba Water Agency
Name of Primary Contact(s)	Charles Johnck
Mailing Address	1220 F Street, Marysville, CA 95901
Email Address	cjohnck@yubawater.org
Phone (###) ###-####	(530) 740-7032
Project Partners/Collaborators	Agricultural water purveyors within the Yuba Subbasins and agricultural water users reliant on groundwater.
YWA Liaison	

GENERAL PROJECT INFORMATION

Project Title	Conceptual Investigation of Surface Water Delivery Extensions
Project Total Budget (Attach detailed budget, if available)	$50,000
Budget Breakdown	Planning/Design Budget: $50,000
	Implementation Budget:
Project Funding Match, if any	
Total Project Funding Need	
Project Location (Attach map if available)	
Watershed/subwatershed	HUC 8-18020125 (Upper Yuba), HUC 8-18020126 (Upper Bear), and HUC 8-18020159 (Honcut Headwaters-Lower Feather)
Groundwater Basin (Select one)	☒ North Yuba Subbasin ☒ South Yuba Subbasin ☐ Not Applicable
Supports Yuba Groundwater Sustainability Plan (GSP)?	☒ Yes ☐ No
Measurable Objective(s) Benefit (Answer If 'Yes' above) (check *all* that apply)	☒ Chronic lowering of groundwater levels ☐ Reduction of groundwater storage ☐ Degraded water quality ☐ Land subsidence ☒ Depletions of interconnected surface waters
Project Priority (Select one)	☐ High ☒ Medium ☐ Low
Project Type (check *all* that apply)	☒ Conceptual ☐ Feasibility Study ☐ Study/Assessment ☐ Planning ☐ Engineering/Design ☐ Permitting ☐ CEQA/NEPA

[1] Completed Project Short Forms should be sent via email to Keri Rinne at keri.rinne@gmail.com

	☐ Facility Construction ☐ Restoration ☐ Monitoring ☐ Best Management Practices ☐ Acquisition ☐ Demonstration/Pilot Project
Legal Authority	

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 (Suggest ~ 300 words).

The Conceptual Investigation of Surface Water Delivery Extensions Study includes outreach and conversations with agricultural water purveyors and growers within the Yuba Subbasins to identify opportunities to extend surface water conveyance to serve additional agricultural users. The outcome of the study is identification of willingness on the side of the purveyors to extend infrastructure and willingness on the side of growers to take the surface water. This information will be used to identify priority areas for further study or to conclude that opportunities do not currently exist.

PROJECT RATIONALE/ISSUES STATEMENT

Briefly describe the need for the project and the desired outcomes/deliverables (Suggest ~ 200 words). Include an explanation of benefits and how they would be evaluated.

Direct recharge of groundwater within the Yuba Subbasins is difficult due to the prevalence of shallow clays that inhibit the vertical flow of groundwater. As such, a primary way to maintain healthy groundwater levels is through conjunctive water management. The Yuba Subbasins have a strong history of conjunctive water management, using more surface water when wet and more groundwater when dry. However, the potential for increasing demands, changing climate, and changing regulations creates the need to expand upon current conjunctive management. This could be done through extension of existing surface water conveyances and delivery of water during wetter periods to agricultural users that currently rely exclusively on groundwater.

The study is an initial step to gauge the potential feasibility of this effort with outreach to both irrigation water purveyors (the Member Units and Plumas Mutual Water Company) and to growers currently using groundwater.

If successful, further work would be performed on the identified options. Ultimately, project benefits are anticipated to include additional groundwater recharge, higher groundwater levels, and reduced depletions of interconnected surface water.

ATTACHMENTS: none