

Yuba IRWMP – YC-24
Project Short Form¹

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	County of Yuba, Department of Public Works
Name of Primary Contact(s)	Robert Pontureri, Samuel Bunton
Mailing Address	915 Eighth Street, Suite 125, Marysville, CA 95901
Email Address	rpontureri@co.yuba.ca.us
Phone (###) ###-####	(530) 749-5636
Project Partners/Collaborators	California Department of Water Resources
YWA Liaison	Keri Rinne

GENERAL PROJECT INFORMATION

Project Title	River Highlands/Gold Village Well Site Acquisition and Water System Improvements Project
Project Total Budget (Attach detailed budget, if available)	\$1,972,500
Budget Breakdown	Planning/Design Budget: \$1,039,000 (includes \$850,000 for ROW acquisition) Implementation Budget: \$933,500
Project Funding Match, if any	N/A
Total Project Funding Need	\$90,000
Project Location (Attach map if available)	The Project is located in unincorporated Yuba County, about a mile from the community of River Highlands/Gold Village.
Watershed/subwatershed	Yuba River Watershed
Groundwater Basin (Select one)	<input type="checkbox"/> North Yuba Subbasin <input checked="" type="checkbox"/> South Yuba Subbasin <input type="checkbox"/> Not Applicable
Supports Yuba Groundwater Sustainability Plan (GSP)?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Measurable Objective(s) Benefit (Answer If 'Yes' above) (check <i>all</i> that apply)	<input checked="" type="checkbox"/> Chronic lowering of groundwater levels <input checked="" type="checkbox"/> Reduction of groundwater storage <input checked="" type="checkbox"/> Degraded water quality <input type="checkbox"/> Land subsidence <input type="checkbox"/> Depletions of interconnected surface waters
Project Priority (Select one)	<input checked="" type="checkbox"/> High <input type="checkbox"/> Medium <input type="checkbox"/> Low
Project Type (check <i>all</i> that apply)	<input type="checkbox"/> Conceptual <input type="checkbox"/> Feasibility Study <input type="checkbox"/> Study/Assessment <input checked="" type="checkbox"/> Planning <input checked="" type="checkbox"/> Engineering/Design <input checked="" type="checkbox"/> Permitting <input checked="" type="checkbox"/> CEQA/NEPA <input checked="" type="checkbox"/> Facility Construction

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

	<input type="checkbox"/> Restoration <input checked="" type="checkbox"/> Monitoring <input checked="" type="checkbox"/> Best Management Practices <input checked="" type="checkbox"/> Acquisition <input type="checkbox"/> Demonstration/Pilot Project
Legal Authority	County of Yuba

Please select the status of the CEQA/NEPA/Permitting for this project:

CEQA (Select one)	<input type="checkbox"/> Exempt <input checked="" type="checkbox"/> Not Started <input type="checkbox"/> Initial Study <input type="checkbox"/> EIR <input type="checkbox"/> Determination <input type="checkbox"/> Unknown if Required
NEPA (Select one)	<input checked="" type="checkbox"/> Exempt <input type="checkbox"/> Not Started <input type="checkbox"/> Environmental Assessment <input type="checkbox"/> EIS <input type="checkbox"/> Record of Decision <input type="checkbox"/> Unknown if Required
Permitting (Select one)	<input type="checkbox"/> Not Required <input checked="" type="checkbox"/> Not started <input type="checkbox"/> Identified <input type="checkbox"/> Consultations Complete <input type="checkbox"/> Application Submitted <input type="checkbox"/> Complete <input type="checkbox"/> Unknown if Required

PROJECT DESCRIPTION

Write a narrative briefly describing the project components and/or characteristics (Suggest ~ 300 words).

The community of Gold Village / River Highlands consists of 86 homes and qualifies as an economically disadvantaged community. This community receives its potable water supply from three wells with capacities of 50, 25, and 15 gallons per minute (gpm) respectively. The water demand of the community exceeds the combined well production capacity; in 2013 the community's water tank went dry and the wells were unable to meet demands. Subsequently, the local aquifer water level dropped 98 feet during the period between April 1, 2014 and June 30, 2014, reducing the production capacity of the existing wells. The Scope of Work for the proposed project includes purchasing the 32-acre parcel where the primary well is located (8334 Rocking West Ranch Trail, APN: 006-220-123), constructing a new well on the 32-acre parcel approximately 450 feet north of the existing primary well, installing a supervisory control and data acquisition (SCADA) system on the new well and the existing primary well to tie the water system into the existing SCADA for the wastewater system – this would allow remote observation and control of the wells, installing a new emergency backup generator with fuel tank; and securing a portion of the 32-acre well site with new fencing and alarm system. Purchasing the parcel where the primary well is located serves to secure the well site, which has experienced vandalism multiple times in the past few years. The construction of a second well on this site will increase system capacity, system flexibility, and system resiliency to drought or climate variability. The project will also increase security and improve operability by installing a supervisory control and data acquisition (SCADA) system on both the new well and the existing primary well; and will increase system reliability by providing an alternative power source (i.e. backup generator) for operation.

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.

The community of Gold Village lost its water supply during a prior drought in 2013. The primary objective of the proposed project is to increase the security, capacity, redundancy, and resiliency of the water system. The two existing backup wells provide minimal pumping capacity during wet years and no pumping capacity during dry years. The existing primary well is not sufficient to provide a reliable water supply during dry years. Additionally, there is no alternative power in the event of a power outage; this causes interruptions to service when PG&E turns off power due to high winds. Since the proposed project addresses all of these documented issues affecting the reliability and resiliency of the water system, the project meets the goals and objectives of the Groundwater Sustainability Plan. In summary, the goals for this project include increasing system capacity, system flexibility, and system resiliency to drought or climate variability. A further goal is to provide additional pumping capacity to meet minimum fire flows should there ever be a fire in this remote, disadvantaged community. The County posits that the project goals align with the goals of the Groundwater Sustainability Plan.

ATTACHMENTS:

- Task based budget
- Map of project location

5. Task Breakdown

The following task breakdown contains descriptions of all of the tasks necessary to complete the proposed project.

Small Community Drought Relief Program, 2021				
Project: River Highlands / Gold Village Well Site Acquisition and Water System Improvements				
	Requested Grant Amount	Start Date	End Date	Deliverable(s)
1. Project Management				
	\$6,000			
Grant management and administration	\$6,000	09/14/21	06/01/24	Authorizing Resolution, executed contract, Invoice submittals, quarterly progress reports, final report, and post-completion report
2. Planning/Design/Engineering/Environmental				
	\$96,000			
Project Design	\$90,000	09/20/21	01/01/23	Plans, specifications, engineer's estimate
CEQA and permitting	\$6,000	01/01/22	08/01/22	CEQA Document
3. Right-of-Way Acquisition				
	\$850,000			
Acquire 32-acre well site	\$850,000	09/20/21	08/01/22	Title to 32-acre parcel
4. Construction / Implementation				
	\$899,500			
Construction	\$812,500	01/01/23	06/01/24	All items shown on plans & Engineer's estimate
Construction Engineering (includes inspections, quantities, contractor invoices)	\$87,000	01/01/23	06/01/24	Executed construction contract, daily inspector reports, quantity calculations, contractor invoices
5. Contingency				
	\$121,000			
Contingency for unforeseeable site conditions or events	\$121,000	01/01/23	06/01/24	Engineer's report, contract change order(s)
Project Total:				
	\$1,972,500			

Project Location: The project is located in unincorporated Yuba County, about a mile away from the community of River Highlands / Gold Village (8334 Rocking West Ranch Trail, APN: 006-220-123). It is not feasible to split this 32-acre parcel into smaller, developable lots due to terrain.

Project Location Map:

