

Yuba IRWMP – YWA-36 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	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	
YWA Liaison	

GENERAL PROJECT INFORMATION

Project Title	Airborne Electromagnetic (AEM) Data into Conceptual Model and Yuba Groundwater Model (YGM)
Project Total Budget (Attach detailed budget, if available)	\$90,000
Budget Breakdown	Planning/Design Budget: \$0 Implementation Budget: \$90,000
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)	<input checked="" 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 type="checkbox"/> Reduction of groundwater storage <input type="checkbox"/> Degraded water quality <input type="checkbox"/> Land subsidence <input checked="" 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 type="checkbox"/> Engineering/Design <input type="checkbox"/> Permitting

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

	<input type="checkbox"/> CEQA/NEPA <input type="checkbox"/> Facility Construction <input type="checkbox"/> Restoration <input type="checkbox"/> Monitoring <input type="checkbox"/> Best Management Practices <input type="checkbox"/> Acquisition <input type="checkbox"/> Demonstration/Pilot Project
Legal Authority	

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

CEQA (Select one)	<input checked="" type="checkbox"/> Exempt <input 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 if Required <input type="checkbox"/> EIS <input type="checkbox"/> Record of Decision <input type="checkbox"/> Unknown
Permitting (Select one)	<input checked="" type="checkbox"/> Not Required <input 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).

Project will improve the understanding of subsurface conditions, particularly away from existing monitoring wells, and improve the ability to plan for future water supply activities. The project involves analyzing AEM data recently collected by the California Department of Water Resources and using those data to update the conceptual model of the groundwater system and the Yuba Groundwater Model.

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.

Information on subsurface conditions has been limited largely to boring logs at wells, aquifer tests, and analysis of groundwater data. AEM data provides more detailed information at more locations, and can be used to greatly improve the understanding of the groundwater system, particularly the presence of confining units and conditions in areas with few groundwater wells. This information will improve the ability to model the groundwater system in the Yuba Groundwater Model and will improve the ability to maintain sustainable conditions.

ATTACHMENTS:

none