Yuba IRWMP – CT-01

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	California Trout
Name of Primary Contact(s)	Jacob Katz
Mailing Address	12876 River Rd, Guerneville CA 95446
Email Address	jkatz@caltrout.org
Phone (###) ###-####	707 477 9978
Project	Yuba River Fish Food
Partners/Collaborators	Yuba Water, Yuba Endowment
YWA Liaison	

GENERAL PROJECT INFORMATION

Project Title	Cultivating win-win water solutions in the Yuba Watershed
Project Total Budget	20,000
(Attach detailed budget, if	
available)	
Budget Breakdown	Planning/Design Budget: 20,000
	Implementation Budget:
Project Funding Match, if	10,000 match from Yuba Endowment
any	
Total Project Funding Need	10,000
Project Location (Attach	Yuba River Watershed and Yuba salmon population management
map if available)	
Watershed/subwatershed	Yuba River Watershed
Groundwater Basin	North Yuba Subbasin
(Select one)	South Yuba Subbasin
	Not Applicable
Supports Yuba	⊠Yes
Groundwater	No
Sustainability Plan (GSP)?	
Measurable Objective(s)	Chronic lowering of groundwater levels
Benefit (Answer If 'Yes'	Reduction of groundwater storage
above)	Degraded water quality
(check <i>all</i> that apply)	Land subsidence
	Depletions of interconnected surface waters
Project Priority	High
(Select one)	Medium
	Low
Project Type	Conceptual
(check <i>all</i> that apply)	Feasibility Study
	Study/Assessment
	Planning
	Engineering/Design
	Permitting
	CEQA/NEPA
	Facility Construction
	Restoration

 $^{^1 \, \}text{Completed Project Short Forms should be sent via email to Keri Rinne at } \underline{\text{keri.rinne@gmail.com}}$

	Monitoring	
	Best Management Practices	
	Acquisition Demonstration (Bilet Project	
Logal Authority	Demonstration/Pilot Project	
Legal Authority	None needed	
_	status of the CEQA/NEPA/Permitting for this project:	
CEQA x (Select one)	Exempt Not Started Initial Study EIR Determination Unknown if Required	
NEPA x	☐ Exempt ☐ Not Started ☐ Environmental Assessment ☐ EIS ☐ Record of Decision ☐ Unknown	
	Required	
Permitting X		
(Select one)	Complete Unknown if Required	
PROJECT DESCRIPTION Write a narrative briefly describing the project components and/or characteristics (Suggest ~ 300 words).		
Endangered fish populations are not an inevitable consequence of human development. The science is clear; we can		
have both farms and fish. Through integrated management of farmlands, wildlife refuges, private wetlands, the rivers,		
and flood bypasses, we can mimic the historic floodplains of the Yuba, Feather and Sacramento River Basins and re-		
create a dynamic landscape that can reenergize the river ecosystem food webs that sustain fisheries and other wildlife		
while continuing to provide food and flood protection and sustain vibrant communities.		
Caltrout will partner with the seven districts of the Yuba Endowment and the Yuba Water Agency to assess the potential of enhancing and updating water delivery/drainage infrastructure and operations of Yuba County to:		
Better understand how the Yuba River ecosystem functions		
Identify key partners and sites of opportunity to benefit salmon and multiple other aquatic species		
 Map infrastructure improvements with local districts and farmers to enable fish food delivery to Yuba River fish populations 		
 Engage with stakeholders throughout the Yuba Community through presentations and events planned in coordination with the Yuba Endowment and the Yuba Water Agency 		
PROJECT RATION	IALE/ISSUES STATEMENT	

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

Readiness to proceed: Reintegrating floodplain food-webs into the management of Yuba River water, landscapes, and farmscapes is necessary in order to sustain and recover Yuba River salmon populations and thereby enhance water security for all.

Drought relief: Providing floodplain-derived food web resources from ag fields and managed wetlands to salmon confined in food-starved, river channels is especially critical during times of low water when the river has limited access to highly productive off-channel habitats.

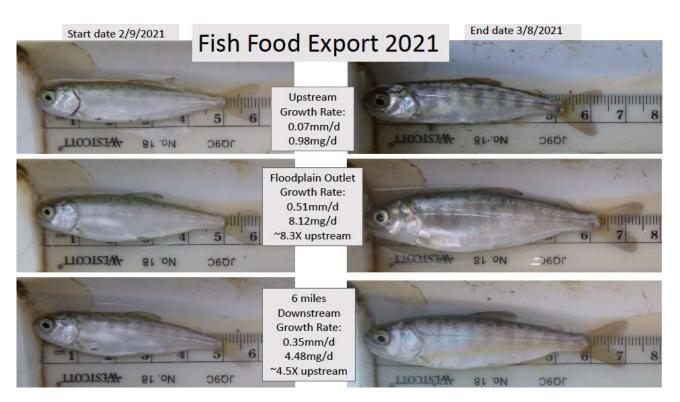


Figure 1: Fish growth benefits from floodpain foodweb exports in a drought year, 2021, at Rough and Ready pumping station (~Sacramento River mile 99). Before (left) and after (right) pictures of fish at three different locations. Top row is upstream of floodplain subsidy delivery point (no floodplain food). Middle row is at the floodplain delivery point (full subsidy). Bottom row is six miles downstream of the floodplain delivery point (diluted subsidy). Floodplain subsidy programs such as these have the ability to dramatically improve fish growth rates for a large reach of river.