

Upper Feather River Integrated Regional Water Management Plan Proposition 50 Grant Agreement No. 4600007650

Project Performance & Monitoring Report

Project No./Name: National Forest Water Quality Improvement Project

Project Proponent: USFS Plumas National Forest

Progress Report No.: 3

Reporting Period: 2020

Date of Post-Performance Report: 5/7/2021

Project Specific Output Signatures			
	Yes	No	Comments
Improve water quality	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Road improvements & channel restoration
Improve channel stability	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Stream channel restoration
Improve coldwater fish habitat	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Road improvements & channel restoration; riparian fencing
Project Specific Outcome Indicators			
	Yes	No	Comments
Reduce sedimentation	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Road improvements & channel restoration
Reduce acceleration streambank erosion	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Stream channel restoration; riparian fencing
Increased shade	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Riparian vegetation planting
	<input type="checkbox"/>	<input type="checkbox"/>	
Did you meet the goal of your project? If yes, please provide a brief description stating how you achieved this goal. If no, please comment as to why the goal was not achieved.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Yes. Road drainage improvements reduced delivery of fine sediment to streams, improving water quality and habitat. Stream channel improvements stabilized channel erosion sites and improved habitat.
	<input type="checkbox"/>	<input type="checkbox"/>	
Other Standard Reporting Requirements: Please indicate other monitoring/reporting requirements you may already be required to do independent from DWR contractual obligations. For example: CDPH Title 22 Ch. 15 "Domestic Water Quality AND Monitoring Regulations," NPDES, GAMA, CASGEM, or other internal reporting requirements that may yield valuable data.			
	Yes	No	Comments
Best Management Practice (BMP) effectiveness monitoring	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Required for State of CA Central Valley Water Board timber project permits as well as USFS regional monitoring reqs.
	<input type="checkbox"/>	<input type="checkbox"/>	
What Upper Feather River IRWM Plan Objectives did your project address to support implementation of the Plan?			
	Yes	No	Comments

Restore natural hydrologic functions	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Reduce potential for catastrophic wildland fires in the Region	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Balance the needs of forest health, habitat preservation, fuels reduction, forest fire prevention, and economic activity in the Upper Feather River Region	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Road improvements protect the sustainability of USFS road network, helping to support forest health and fuels reduction work.
Build communications and collaboration among water resources stakeholders in the Region	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Red Clover watershed EA (Dotta meadow restoration) partnered with Plumas Corporation and Upper Feather River Watershed Roundtable.
Work with Department of Water Resources to develop strategies and actions for the management, operation, and control of the State Water Project facilities in the Upper Feather River Watershed in order to increase water supply, recreational and environmental benefits to the Region	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Encourage municipal service providers to participate in regional water management actions that improve water supply and water quality	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Continue to actively engage in FERC relicensing of hydroelectric facilities in the Region	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Address economic challenges of municipal service providers to serve customers	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Protect, restore, and enhance the quality of surface and groundwater resources for all beneficial uses, consistent with the Central Valley Regional Water Control Board Basin Plan	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Water quality improvement primarily through reduced delivery of fine sediment.
Address water resources and wastewater needs of Disadvantaged Communities (DACs) and Native Americans	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Coordinate management of recharge areas and protect groundwater resources	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Improve coordination of land use and water resources planning	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Improved transportation system
Maximize agricultural, environmental and municipal water use efficiency	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Effectively address climate change adaptation and/or mitigation in water resource management	<input type="checkbox"/>	<input checked="" type="checkbox"/>	

Improve efficiency and reliability of water supply and other water-related infrastructure	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Enhance public awareness and understanding of water management issues and needs	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Substantial public outreach regarding meadow restoration occurred during the period of this grant
Address economic challenges of agricultural producers	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Work with counties, communities, and groups to make sure staff capacity exists for actual administration and implementation of grant funding	<input type="checkbox"/>	<input checked="" type="checkbox"/>	

1. Summary of the operations of the project.

US Forest Service roads improved by this project remain in use. Road treatments have helped to stabilize these roads and reduce future maintenance costs. Stream channel stabilization treatments have been observed to be stable, reducing streambank erosion. The cattle grazing fence along Cow Creek is maintained by the allotment permittee, benefiting aquatic habitat.

2. Discuss project benefits to water quality, water supply, and the environment.

Road improvements have reduced sediment delivery to nearby streams, benefitting water quality. Streambank stabilization and riparian vegetation treatments have benefited aquatic habitat. Removal of conifers has improved meadow habitat.

3. Comparison and explanation of any differences between expected versus actual project success in meeting IRWM priorities as stated in the original IRWM Implementation Grant application.

The National Forest Water Quality Improvement Project has been successful in achieving the IRWM priorities stated in the original grant application, with no significant departures.

4. Summary of any additional costs and/or benefits deriving from the project.

Road improvements have improved recreation access in the Forest. The two vault toilets installed at Lake Davis fishing access sites have improved recreation experiences while also meeting the intended goal of reducing potential fecal contamination in the lake.

5. Additional information relevant to or generated by the continued operation of the project.

None