

Local Water Capital Infrastructure Projects

Submitted by Mendocino County Resource Conservation District

Lead Agency	Project Title	Watershed	Funding Request	Total Project Cost	Project Summary	Status of Project	CEQA Status	Estimated Completion Date	Project Type
Redwood Valley Little River Band of Pomo Indians	Water Meter Replacement	Russian	\$ 10,000	\$ 18,000	The Redwood Valley Tribe will replace all 35-year old, malfunctioning residential water meters. The new radio read meters will allow accurate measuring of water usage, identification of possible leaks, and inform the district of residents using excess water. Redwood Valley Tribe receives water from the Redwood Valley County Water District which is extremely limited, and this project will reduce water needs from the District.	60% Complete	N/A	Summer 2021	Water Conservation / Leak Detection
CA Indian Environmental Alliance	Water Operator Training and Certification	Russian	\$ 20,000	\$ 20,000	Yokayo Tribe would like 5 of its members trained and certified on operation and maintenance of the community drinking water system.	Ready to go	N/A	Summer 2021	Training
Conservation Works	"Outreach and Water Conservation Toolkit Supplies for Unsewered Communities"	Countywide	\$ 20,000	\$ 20,000	Targeted outreach would be conducted to service unsewered areas of Mendocino County (where communities are typically on residential/business wells and septic systems) for delivery of messaging on water conservation and public distribution of free toolkits containing high efficiency shower heads, shower shut-off devices, faucet aerators, dual flush toilet diverters, toilet dye tabs/strips, irrigation watering gauges, and booklet on grey water systems.	Ready to go	N/A	Begin as soon as funds awarded, deploy during summer/fall 2021, and complete by December 31, 2021	Water Conservation
Conservation Works	"Rain Catchers Rooftop Rainwater Catchment Projects for Schools and Community Gardens"	Russian, Eel, Coastal Watersheds	\$ 25,000	\$ 25,000	Description: Construct appropriately sized roof-top rainwater collection, storage and delivery systems at five community and school gardens in Mendocino County in Ukiah, Willits, Westport, and Fort Bragg.	Ready to go	N/A	Timeline: Build Summer-Fall 2021, be ready to store water Winter 2021-2022	Water Conservation
MCRCD	Water conservation supplies: Bucket Drop-By events #2 and #3	Russian, Noyo and Big River	\$ 30,000	\$ 30,000	Free water conservation bucket giveaway events to supplement the June 12 Russian River event. Request for an additional 1000 buckets and supplies for underserved populations in the Russian that did not make it to the June 12 event and for residents on the Coast who have not had been served by this kind of event.	Ready to implement with funding	N/A	44470	water conservation
Potter Valley Tribe	Eel River - Trout Creek Water Resource Project	Eel River	\$ 41,050	\$ 48,000	Design and install rainwater catchment system and tanks on Trout Creek property to promote fire response and reforestation projects.	33% planning	Notice of Exemption (NOE)	Summer 2021	Water Storage & Conservation
CA Indian Environmental Alliance	Storage Tank Security Fencing	Russian	\$ 50,000	\$ 50,000	Security fencing around drinking water storage tank and source water wellhead to prevent theft and contamination.	Ready to go	NOE	Summer 2021	Water Storage & Conservation
Mendocino College	Irrigation upgrades and turf to xeric landscape conversion	Russian	\$ 58,000	\$ 73,000	Mendocino College Ukiah campus will replace irrigation components on ornamental landscapes to increase efficiency, and will convert two turf lawns to xeric landscapes to save water. Purchase of turf aerator will promote deeper root growth on sports fields, thus requiring less frequent irrigation (\$4,500).	75% complete	N/A	Fall 2021	Water Conservation
Pinoleville Pomo Nation	Rainwater Catchment & Usage	Russian	\$ 125,000	\$ 125,000	Pinoleville Pomo Nation will install a 60,000 gallon rainwater catchment tank at our administrative offices to support the food garden, ornamental landscape. This water will reduce the amount we use from Millview Water District, whose source of water is from the Russian River.	50% Complete	NOE	Fall 2022	Water Storage & Conservation
Hopland Band of Pomo Indians	Rainwater Catchment and Usage	Russian	\$ 125,000	\$ 125,000	Hopland Band of Pomo Indians intends to install a 60,000-gallon rainwater catchment tank at our administrative offices to support the food garden, ornamental landscape, and flush toilets. This water will reduce the amount that needs to be delivered from the Hopland Public Utilities District, whose source of water is from the Russian River.	50% Complete	NOE	Fall 2022	Water Storage & Conservation
MCRCD/Yokayo Tribe	fence for water tank. Dedicated source line. Second well testing.	Russian River	\$ 275,000	\$ 275,000	Install security fences around water storage tank and well. Install water source line from well to storage tank.	Conceptual		Fall 2022	Water Security
North Gualala Water Company	Gualala River Flow Bank Project	Gualala	\$ 275,000	\$ 275,000	36,000 gallon Glass-lined Backwash Tank; 22'D x 21'H as part of a larger water project to conserve water in the Gualala River and provide drinking water for the Gualala residents	100% designs complete by June 2021	CEQA Complete	Summer 2022	Flow Enhancement/Drinking Water
CA Indian Environmental Alliance	Potable Backup Water Source	Russian	\$ 300,000	\$ 300,000	Secure potable backup water source	10% planning	CEQA needed	Winter 2021/Spring 2022	Water supply
Trout Unlimited	Lower Flynn Creek Pilot Infiltration Project	Navarro	\$ 600,000	\$ 600,000	Lower Flynn Creek Infiltration Pilot Project to benefit instream flow on a priority Coho Salmon stream.	100% designs complete by June 2021	CEQA Complete	Fall 2021	Flow Enhancement
Mendocino County RCD	Camp Navarro Rainwater Catchment for the benefit of Coho Salmon Project	Navarro	\$ 600,000	\$ 600,000	Camp Navarro 125,000 gallon rainwater catchment tank and lawn retrofit to benefit instream flow on the NF Navarro River, a Coho salmon priority tributary	100% designs complete by June 2021	NOE	Fall 2022	Flow Enhancement
City of Fort Bragg	Water Tank #2 Rehabilitation	Noyo River	\$ 900,000	\$ 900,000	Project to include: - paint interior and exterior of the water tank - remove failed influent and effluent lines - place influent and effluent lines on the exterior of the tank - complete additional distribution system connection for proper operation	PS&E to be completed September 2021	Exempt	September-22	Water System resilience
Ukiah Unified School District	Sports field conversion to non-irrigated surface	Russian	\$ 1,400,000	\$ 2,500,000	The soccer field at Ukiah High School will be converted from an irrigated turf surface to an artificial year-round playing surface. Staff have calculated the annual water saving to be at least 2,240,000 gallons. The entire soccer facility upgrade cost estimate is \$6,700,000.	Division of the State Architect is in review and approval process of 100% design.	NOE	Fall 2022	Water Conservation

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12th District Agriculture Association	Redwood Empire Fairgrounds Water System Upgrade	Russian	\$ 1,500,000	\$ 20,000,000	The aged (ca. 1950) and leaking plumbing system at the fairgrounds has been a problem for many years. Funds requested to implement a phased upgrade/replacement. This site represents the third largest water customer to the City of Ukiah, and leaks may represent 15-20% of total water delivered. Purchasing a "leak detection wand" is important to monitor the segments where upgrade/replacement will not occur during Phase 1.	50% Complete	NOE	Fall 2022	Water Conservation / Leak Detection
Mendocino County RCD	Irene's Farm Pond and Water Conservation Project	Streeter Creek thence Tenmile Creek thence South Fork Eel River	\$ 2,000,000	\$ 2,400,000	10 AF pond and 800,000 gallons of water tanks, water infrastructure at Irene's Farm and Streeter Facility (The Camp)	Anna Birkas	MND expected in 2022	Summer 2024	Water Conservation & Drought Preparedness
CA Indian Environmental Alliance	Water Line Replacement	Russian	\$ 2,400,000	\$ 2,400,000	Replace over 2,500 feet of distribution lines. Install 5,500 feet of line for source to tank. Currently, the community only uses one line to service the 25 homes then to the tank. Gravity flows to homes when well pump is not on.	10% planning	CEQA needed	Winter 2021/Spring 2022	Water Storage & Conservation
Mendocino City CSD	Phase 2, Recycled Water System Upgrade	Coastal Mendocino	\$ 2,500,000	\$ 2,500,000	Phase 2, Recycled Water System Upgrade				
Mendocino County RCD	Forsythe Floodplain Restoration Project	Russian	\$ 2,700,000	\$ 2,700,000	Removal of levee on Forsythe Creek will allow expansion of floodwaters, reducing erosion, and increasing infiltration. Armoring opposite bank will protect private residences from further property damage. Restoring riparian community will promote natural species recovery.	60% design complete	CEQA MND complete	Fall 2025	Environmental Water Quality
City of Fort Bragg	Water Treatment Plant Overhaul	Noyo River	\$ 5,500,000	\$ 5,500,000	For the past 35 years, two Microfloc Trident 420c units have clarified and filtered the City's water. Project to include increase the filter to waste pipe size (this will allow filters to stay in compliance during operational problems), replace filter media, replace upgrade filter underdrain, filter wash system, replace clarifier media, replace air manifold, water inlet headers, and sandblast and paint the units. In addition, the raw water ponds will be lined to eliminate seepage and increase their depth to increase capacity.	PS&E to be completed September 2021	TBD	May-22	Water Conservation Water Storage Infrastructure & resilience
City of Fort Bragg	Raw Water Line Replacement	Noyo River	\$ 7,850,000	\$ 7,850,000	The raw water from Waterfall Gulch and Newman Gulch gravity flows through a transmission system of PVC, asbestos cement, ductile iron and steel pipe to the Water Treatment Plant. These two sources provide half of the City's water. Failures are more and more common, and it is essential that all of the City's transmission lines remain operational.	PS&E complete	Consolidated Permit Coastal Commission to be the lead Agency	November-22	Water supply resilience
14 Projects		up to \$300k	\$ 1,354,050						
6 projects		\$600k-\$2M	\$ 7,000,000						
5 Projects		\$2.4-\$7.8M	\$ 20,950,000						
			\$ 29,304,050						