

2023 URFC Roads and Water Monitoring Report

Road Maintenance Activities

As a general prescription, all mainline ridgetop roads are monitored following a significant (> 2.5" in 24 hrs) rainfall event.

Environmental Enhancement

Project Name	Type	Acres/ Miles/Tons	Number of Sites or LW Structures	Cubic Yards of Sediment Delivery Prevented
Bear Creek	Fisheries Habitat Enhancement - Large Wood Installation	2 miles treated	50 LW structures	N/A
Bear Creek	Road Decommissioning/Reconnecting Hillslope Hydrology	3 miles treated	32 sites treated	6555
Northern Mendo County Forest Health Collaborative	Fire Resiliency/Forest Health <ul style="list-style-type: none"> • Manual/Mechanical Fuel Reduction • Prescribed Fire and Pile Burning • Meadow Restoration 	200 acres treated	N/A	N/A
Invasive Plant Removal	French Broom Retreatment	3 acres removed	N/A	N/A
Reforestation	Redwood planting	51 acres planted	N/A	N/A
Planning for Habitat Enhancement Implementation	<ul style="list-style-type: none"> • Fish Habitat Enhancement • Riparian Restoration • Watershed Restoration (wildlife habitat, fire resiliency) 	6 stream miles and 5326 watershed acres	N/A	N/A
Biochar	Emissions research and carbon sequestration with biochar on Usal Redwood Forest	4 tons CO2 sequestered with biochar	N/A	N/A

Water Drafting

Site Name	THP	Watercourse Class	Amount Diverted (Acre-Feet)
SF Wildcat Pond	Upper Soldier	III	.107
WRP 4a Tanks	Bear Creek West	II	.026