

2024 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
Chimney Rock Creek	Fisheries Habitat Enhancement - Large Wood Installation	1.7 miles treated	52 LW structures	N/A
Chimney Rock Creek	Road Decommissioning/Reconnecting Hillslope Hydrology	2.3 miles treated	34 sites treated	11,721
Northern Mendo County Forest Health Collaborative	Fire Resiliency/Forest Health <ul style="list-style-type: none"> • Pile Burning (20 ac) • Prescribed Fire (11 ac) • Biochar (5 ac) 	36 acres treated	N/A	N/A
Invasive Plant Removal	French Broom Retreatment	5 acres removed	N/A	N/A
Reforestation	Redwood planting	43 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) • Streamflow data monitoring 	6 stream miles and 5326 watershed acres planned	7 Stream flow monitoring sites & 4000 ft stream reach of wet/dry mapping	N/A

Water Drafting

Site Name	THP	Watercourse Class	Amount Diverted (Acre-Feet)
SF Wildcat Pond	Happy Jack Bear Creek West	III	.442
WRP Pond 3	Happy Jack	IV	.0798
WRP Pond 5	Happy Jack	III	.0752
WRP 4a Tanks	Happy Jack Bear Creek West	II	.606