

Lake Tahoe Restoration Act Environmental Improvement Program (EIP) Proposed New Projects

The following is a prioritized list of Lake Tahoe Restoration Act (LTRA) secondary projects that have been received and reviewed for possible funding under LTRA special account set-aside. The LTRA special account set-aside has funding remaining from completed or terminated projects and the funds are available for the Environmental Improvement Program priority list of projects until expended.

The purpose of releasing this list is to obtain input from all interested parties. Beginning March 1, 2021, the BLM is accepting written comments on these nominations until close of business (4:30 PM Pacific Time) on April 14, 2021. Comments should be mailed to Tahoe Regional Executive Committee Chair, BLM Southern Nevada District Office, 4701 N. Torrey Pines Drive, Las Vegas, NV 89130, faxed to (702) 515-5110, or emailed to snplma@blm.gov. The Tahoe Regional Executive Committee will meet following the comment period to review comments received to develop a final recommendation for consideration by the Secretary of the Interior in consultation with the Secretary of Agriculture. Questions may be address to the SNPLMA Division, BLM Southern Nevada District Office at (702) 515-5116.

Forest Health

Priority Order	Agency	Project Name	Project Description	EIP Category	EIP Number	Proposed SNPLMA Funding
1	FS	Incline Hazardous Fuels Reduction & Healthy Forest Restoration	The Lake Tahoe Basin Management Unit will implement approximately 250 acres of fuels reduction and forest health treatments around the community of Incline Village in Washoe County, Nevada. The project would fund the remaining unfunded treatment needs for the Incline Hazardous Fuels Reduction and Forest Health Project which authorized treatments on 3,200 acres of National Forest System lands in the wildland urban interface.	Forest Health	02.01.01.0032	\$ 500,000
2	FS	Nevada Energy Resilience Corridors	The Lake Tahoe Basin Management Unit will implement approximately 1,400 acres of forest health and fuels reduction treatments along utility corridors on the Nevada side of the Tahoe Basin. The project is located in Washoe, Douglas, and Carson City Counties and would fund the highest priority treatment areas.	Forest Health	02.01.02.0016	\$ 5,000,000
3	FS	Urban Forest Defense Zone Project	The Lake Tahoe Basin Management Unit will implement approximately 2,400 acres of secondary treatments to reduce fuels and restore forest health on National Forest urban lots. The project is a Tahoe Basin-wide project, covering approximately 3,200 urban parcels located in Eldorado and Placer Counties in California and Washoe and Douglas Counties in Nevada (including Carson City, Nevada).	Forest Health	02.01.01.0097	\$ 8,000,000
4	FS	Aspen Community Restoration	The Lake Tahoe Basin Management Unit will implement approximately 80 acres of conifer removal treatments in aspen stands at high risk of being lost (\$100K) and continue adaptive management monitoring and analyses for three years (\$150K cooperative agreement). This project would complete high priority treatments identified in the Aspen Community Restoration Project.	Forest Health	02.02.01.0005	\$ 250,000
Subtotal						\$ 13,750,000

Science Stewardship and Accountability						
Priority Order	Agency	Project Name	Project Description	EIP Category	EIP Number	Proposed SNPLMA Funding
1	USGS	Evaluating the impacts of road salts on stream water quality	The USGS will collect and analyze data on the contributions of road salt to stream water quality. The USGS has identified increasing trends in specific conductance at Lake Tahoe Interagency Monitoring Program gauges. Additional monitoring is needed to determine if road salt accumulation is occurring in forest soils and groundwater, potentially stressing vegetation and increasing salt loads to tributaries.	Science, Stewardship and Accountability	04.01.01.0161	\$ 400,000
2	USGS	TSAC Priority Science	The Tahoe Science Advisory Consortium (TSAC) will identify the priority science questions for the Lake Tahoe Basin and manage a competitive procurement process. The TSAC will oversee the request for proposals, technical evaluation, contracts/agreements, and completion of closeout of each sub-project. More than one sub-project is likely to result from this process. Each sub-project will have a discrete scope, budget, and timeframe for completion.	Science, Stewardship and Accountability		\$ 1,200,000
3	USGS	Lake Tahoe Website Modernization	The Tahoe Hydromapper is an interactive website for the Lake Tahoe Basin that provides a modern and easy-to-use, one-stop location for a single, coordinated visual, and quantitative summary of the hydrologic conditions for the Lake Tahoe Basin. Initial funds from the USDA Forest Service (LTBMU) provided the foundational support to develop the real-time and water year comparison tools for available hydrological data provided by federal partners. This proposal is intended to supplement this tool to include remote sensing products providing data on soil moisture, vegetation health (e.g., Normalized Difference Vegetation Index), and lake clarity. Delivery of compiled data will serve to highlight interagency federal partnerships, data collection and delivery, and scientific research in the Tahoe Basin.	Science, Stewardship and Accountability	04.01.02.0030	\$ 200,000
Subtotal						\$ 1,800,000

Sustainable Recreation and Transportation						
Priority Order	Agency	Project Name	Project Description	EIP Category	EIP Number	Proposed SNPLMA Funding
1	FS	Hwy 28 for bmps for parking and bike paths	The Lake Tahoe Basin Management Unit will reconstruct the Chimney Beach parking area along the Hwy 28 corridor, a key component of the Highway 28 Corridor Plan. NEPA is complete and design funds are secured. Project would complete construction of the new parking area and increase parking capacity from the existing 21 spaces to a maximum of 160 spaces. The Project would provide parking capacity to accommodate existing road side parking that is impacting road side vegetation and is causing unsafe highway congestion. The project is located in Washoe County, Nevada.	Sustainable Recreation and Transportation	03.02.01.0017	\$ 2,400,000
2	FS	Basin-Wide Trails	The Lake Tahoe Basin Management Unit will complete 1.5 miles of new construction on the Fallen Leaf Bike Path project. This project is located in a high use area and would provide a safe biking alternative to Fallen Leaf Lake Road and improve user access to key recreation destinations. The project is located in Eldorado County, California.	Sustainable Recreation and Transportation	01.01.01.072	\$ 250,000
Subtotal						\$ 2,650,000

Watersheds and Water Quality						
Priority Order	Agency	Project Name	Project Description	EIP Category	EIP Number	Proposed SNPLMA Funding
1	Corps	Upper Truckee River Restoration Lake Valley Reach	The U.S. Army Corps of Engineers will initiate the planning phase of the Upper Truckee River Golf Course project, which would involve completing the NEPA/CEQA for the Upper Truckee River Lake Valley restoration reach. The project will restore hydrological and geomorphic processes to the Upper Truckee River along the California State Parks reach and improve natural function and connectivity between the river and floodplain, promote sediment deposition and ground water storage; while also increasing stream environment zone, fisheries, and wildlife habitat. When constructed this project will reduce water quality impacts from erosion, provide public recreational access and connectivity to the river and state park, and construct visitor day-use facilities.	Watersheds and Water Quality	01.02.01.0010	\$ 1,500,000
2	FS	Upper Truckee Restoration (Sunset Reach, Reaches 5 and 6)	The Lake Tahoe Basin Management Unit will initiate planning and implementation for major stream restoration efforts on more than 3 miles of Upper Truckee River (UTR): key actions include extensive in-channel modifications of Reach 6, fuels reduction in Reaches 5 and 6, adaptive management in Reach 5, and decommissioning of the Sunset Stables Staging Area. Of this request, approximately \$1.5M would go to USFS staff for construction of restoration and adaptive management; and \$1M to California Tahoe Conservancy for planning, permitting, and fuels reduction. Existing Participating Agreement under the Wyden Authority and completed NEPA/CEQA for FS-CTC joint planning and implementation of stream-meadow restoration of UTR Reaches 5 and 6 will be updated. Project is located in Eldorado County, California.	Watersheds and Water Quality	01.02.01.0005	\$ 2,500,000
3	Corps	Upper Truckee River Restoration Lake Valley Reach	The U.S. Army Corps of Engineers will initiate the design and construction phase of the Upper Truckee River Golf Course project that would involve completing the NEPA/CEQA for the Upper Truckee River Lake Valley Restoration reach. The project will restore hydrological and geomorphic processes to the Upper Truckee River along the California State Parks reach and improve natural function and connectivity between the river and floodplain, promote sediment deposition and ground water storage; while increasing stream environment zone, fisheries, and wildlife habitat. When constructed this project will reduce water quality impacts from erosion, provide public recreational access and connectivity to the river and state park, and construct visitor day-use facilities.	Watersheds and Water Quality	01.02.01.0010	\$ 4,000,000
4	FS	Taylor/Tallac Restoration Project Phase 2a - AIS Removal & Final Design	Complete aquatic invasive species (AIS) removal implementation and complete final designs for restoration project phase. Approx. \$350,000 for final design contract as well as \$200K for USFS personnel involvement from 2021-2023 in contract oversight, community outreach, and topside support during AIS removal implementation. \$200K is for protective fencing. This effort is a critical link in the chain of sequenced events leading to full restoration over several years.	Watersheds and Water Quality	01.02.01.0034	\$ 750,000
5	FWS	Fallen Leaf Lake LCT Reintroduction and Suppression of Nonnative Trout	The U.S. Fish and Wildlife Service will continue stocking and monitoring of Lahontan Cutthroat Trout (LCT) and suppress nonnative trout in Fallen Leaf Lake.	Watersheds and Water Quality	02.02.03.0010	\$ 150,000

6	EPA	Community-Based Watershed Strategy	The Environmental Protection Agency (EPA) will develop community-based watershed strategies on two additional watersheds: Marla Bay and Tahoe Keys. Watershed strategies achieve Lake Tahoe total maximum daily load pollution controls and other environmental improvements via areawide stormwater treatment and public-private partnerships.	Watersheds and Water Quality	01.01.01.0181; 01.01.01.0154; 01.01.01.0197; 04.02.02.0004; 04.02.02.0001; 04.02.02.0002	\$ 250,000
7	FS	Taylor/Tallac Restoration Project Phase 2b - South Shore Hwy 89 Corridor BMPs	Project will implement best management practices to reduce erosion from National Forest parking areas and trails in the South Shore Hwy 89 Corridor. NEPA is completed for this project. The project is located in a high visitor use area with recreation access to Lake Tahoe and is located in Eldorado County, California.	Watersheds and Water Quality	01.02.01.0034	\$ 1,000,000
8	FWS	LCT Reintroduction and Performance Evaluation in Lake Tahoe	The U.S. Fish and Wildlife Service (FWS) will continue stocking and monitoring Lahontan Cutthroat Trout (LCT) in Lake Tahoe for recreation and recovery. This project will continue with an additional two years of research in Lake Tahoe to determine habitat utilization of LCT and nonnative species.	Watersheds and Water Quality	02.02.03.0021	\$ 350,000
9	FS	Erosion Control Grants ****	The Lake Tahoe Basin Management Unit would provide stormwater grant funding to local jurisdictions with assistance from the Stormwater Quality Implementation Committee (SWQIC). Erosion control grant projects will have a nexus to federally managed lands in the Lake Tahoe Basin.	Watersheds and Water Quality	Identified at time of award	\$ 1,200,000
10	FWS	Tahoe Tributary Confluence Assessment	The U.S. Fish and Wildlife Service will conduct an additional three years of assessing Lake Tahoe tributaries for restoration actions for lacustrine Lahontan Cutthroat Trout.	Watersheds and Water Quality	02.02.03.0024	\$ 250,000
11	FS	Basin Resource Inventories & Evaluations 2	The Lake Tahoe Basin Management Unit will conduct basin-wide resource inventories and post-implementation effectiveness evaluations on completed restoration projects. Primary focus for FY21-23 is on two Priority Watersheds: Upper Truckee River and Ward Frontal.	Watersheds and Water Quality	04.01.02.004	\$ 350,000
Subtotal						\$ 12,300,000
Total for All Categories						\$ 30,500,000