

Project Title	Project Sponsor	Contact Information	Project Description	Project Duration	Total Project Cost	Grant Amount	Match	Cumulative Grant Request
Inyo/Mono Program Office	Inyo/Mono Program Office	<a href="mailto:mdrew@caltrout.org">mdrew@caltrout.org</a>	Program Office funding would be used to perpetuate Program Office support of the Inyo-Mono IRWM program. Funding would be used for a variety of continued planning efforts including but not limited to: State-level IRWMP meetings/conferences, development of professional papers and presentations, and the analysis of the Inyo-Mono program in comparison to other State and National integrated resources management and planning efforts. Further, the Program Office aims to scale-up the integration component of its program including further incorporating climate change into the IRWM Plan and projects as well as conducting a preliminary inventory of resource management tools and models currently being utilized in the region. Additional funding would be used to conduct day-to-day business including convening meetings, grant administration, GIS expansion, fundraising, governance restructuring, proposal development for future implementation funding rounds and revisions to the Phase II IRWM Plan.	18 Months	\$ 250,000	\$ 187,500	\$ 62,500	\$ 187,500
Inyo/Mono Watersheds Invasive Plant Inventory Project	Inyo/Mono Counties Agricultural Commissioner's Office	<a href="mailto:mreade@inyocounty.us">mreade@inyocounty.us</a>	The goal of this project is to complete such a survey, using existing data, interagency cooperation, and field surveys. As a member in the Eastern Sierra Weed Management Area (ESWMA) group and the current database administrator, the Inyo/Mono Counties Agriculture Department (AgComm) can acquire and compile data from these various sources. AgComm can then disseminate this data to agencies or individuals conducting future watershed projects to mitigate the effects of these species on project success. As the agency administering not only the current invasive plant species database, but also experience managing several other GIS projects (pesticide permitting database, pest exclusion database, etc.), AgComm has the experience and equipment to spearhead this project. This project will include initial meetings with ESWMA members to assess which data are current and what survey deficiencies exist. Surveys will then evaluate deficient areas and regions of likely spread within the watersheds. Locations of likely spread and species for inclusion in the survey will be predicated on species prioritization guidelines within the ESWMA's strategic plan. AgComm will then organize this information in a standard geodatabase for future use.	2 years	\$ 105,387	\$ 73,788	\$ 31,599	\$ 261,288
Oak Creek Channel Stabilization Technical Study	U.S. Forest Service/Ft. Independence Tribe	<a href="mailto:tellsworth@fs.fed.us">tellsworth@fs.fed.us</a>	We propose to conduct a technical study to determine short- and long-term options to stabilize the channel, attenuate flood flows and reduce erosion/downstream sedimentation. This area experience a large wildfire in 2007 and subsequent debris/mud flow in 2008 following an intense thunderstorm. The debris flow damaged more than 50 homes, damaged the Mt. Whitney Fish Hatchery and temporarily closed Hwy. 395. The area remains vulnerable to accelerated hillslope erosion, higher peak flows, and increased sedimentation and turbidity. Downstream effects to Ft. Independence tribe, LA DWP and Hwy. 395 remain high.	2 years	\$ 75,000	\$ 20,000	\$ 55,000	\$ 281,288
IWV FLOOD CONTROL DISTRICT FEASIBILITY STUDY	INDIAN WELLS VALLEY WATER DISTRICT	<a href="mailto:gnifley.keep@hotmail.com">gnifley.keep@hotmail.com</a>	Conduct a research and feasibility study to determine what mechanisms are available to provide flood control services within the Indian Wells Valley as well as explore whether or not it is a viable option. The general purposes of a flood control district within the IWV is to avoid environmental damage caused by multiyear flood events, and to capture and put to new use waters produced in a multiyear flood event by recharging the IWV aquifer. Study would include a review of existing studies pertaining to master drainage plans with improvements for diversions and other facilities for recharge and flood control.	12 months	\$ 100,000	\$ 75,000	\$ 25,000	\$ 356,288
West Walker River Restoration Plan	California Trout	<a href="mailto:mdrew@caltrout.org">mdrew@caltrout.org</a>	The goal of this project is develop a restoration plan via the completion of an assessment of the riverine and riparian conditions associated with approximately three miles of the West Walker River located within the Antelope Valley designated as an economically disadvantaged community. The Antelope Valley in Northern Mono County is home to roughly 15,000 acres of actively farmed land contributing significantly to local livelihoods. The West Walker River is also ecologically important to imperiled, native trout. However this same area has experienced significant damage from stormwater events that have in turn resulted in significant impacts, including loss of productive farmlands, from flooding of the Walker River. Most recently in 1997 a hundred year flood event occurred resulting in extensive losses of productive farmland and deleterious impacts to the Walker River ecosystem. Today, threats from stormwater and flood events remain and losses of active riparian farmlands occurs annually. Better understanding of the historical and current geomorphological processes associated with the West Walker River along with assessing the current riparian habitat condition is the first step in developing a comprehensive stormwater/flood management that will provide the basis for long-term management of this economically and ecologically important portion of the Inyo-Mono IRWM region. This project will pay particular attention to assessing approximately three miles of the lower West Walker River system with the intent of developing management recommendation to ammerorate threat to stream bank stabilization and in doing so, contribute positively to local livelihoods and local fisheries.	9 months	\$ 80,000	\$ 60,000	\$ 20,000	\$ 416,288
West Walker River Channel Rationalization	Mono County RCD	<a href="mailto:monocountyrcc@gmail.com">monocountyrcc@gmail.com</a>	This is an opportunity to merge holistic flood control planning along with riverine enhancement. Currently the River on the site is flat and unbounded, washing away farm soil and offering little chance for recovery of what, before the 1997 flood, had been a rich fishery environment. By incorporating natural "breakout" levees, flood events could be cost-effectively controlled, while influencing the river course in directions where historic tree-canopy fishing "hole" refuges could be restored. Pilot area for planning is a three mile section of the river.	18 months	\$ 225,000	\$ 166,000	\$ 59,000	\$ 582,288
East Walker River Basin Nutrient Planning	Mono County RCD	<a href="mailto:monocountyrcc@gmail.com">monocountyrcc@gmail.com</a>	The Bridgport Valley is a vast open space, a high altitude meadow offering grand vistas and a thriving cattle industry. Lahontan Regional Water Quality Board and the Bridgport Ranchers Organization cooperatively monitor nutrient levels. There is a reservoir downslope from the cattle rangeland. Planning grant resources would enable the testing of innovative husbandry and land and flood management approaches that, if successful, could provide a regional template.	18 months	\$ 152,000	\$ 114,000	\$ 38,000	\$ 696,288
Water Master Plans for Independence, Lone Pine and Laws	Inyo County Public Works Department	<a href="mailto:kpearce@inyocounty.us">kpearce@inyocounty.us</a>	Prepare infrastructure assessments for the three Town Water Systems at Laws, Independence, and Lone Pine to identify and prioritize systems capital improvements. The assessments would encompass leak detection and infrastructure condition assessments identifying pipe wall thickness and potential load carrying capacity, hydraulic model creation and hydraulic modeling analysis under several scenarios. These would be the foundation for the water rates study and capital improvement plan to be prepared in the future.	9 months	\$ 200,000	\$ 150,000	\$ 50,000	\$ 846,288
Sewer Master Plan for CSA-2, Aspendell	Inyo County Public Works Department	<a href="mailto:phancock@inyocounty.us">phancock@inyocounty.us</a>	Preliminary engineering report and system evaluation consisting of: survey, map, measurements and camera of the entire collection and conveyance system, survey/evaluation of the USFS treatment facilities. The USFS will be a co-applicant in the grant application. The USFS has some significant issues with their portion of the sewer system. Preparation of plan and profile of the existing system, including lateral connections, flow calculation, infiltration inflow evaluation. The consultant will provide recommendations for treatment options and equipment upgrades/replacements at the plant; collection and conveyance system upgrades, replacements or repairs and a rates analysis.	9 months	\$ 65,000	\$ 48,750	\$ 16,250	\$ 895,038
Town of Mammoth Lakes Stormwater Master Plan Development	The Town of Mammoth Lakes	<a href="mailto:pbernasconi@ci.mammoth-lakes.ca.us">pbernasconi@ci.mammoth-lakes.ca.us</a>	This grant request is being submitted to build upon previous success and includes two important elements: 1) Development of a Storm Water Master Plan Phase 1 for drainage basin 2, which will provide a comprehensive strategy and guide the Town's decisions related to the issues presented above. 2) Immediate implementation of critical components of the plan including of projects for inclusion in the Capital Improvement Program project list and development of management strategies and policies to address property owned by the federal and state government or by private entities.	18 months	\$ 312,500	\$ 234,375	\$ 78,125	\$ 1,129,413
Crystal Crag CT update	Crystal Crag Water and Development Association	<a href="mailto:whhawks@gmail.com">whhawks@gmail.com</a>	When our system was put in a 7300 gallon tank was put beside the 3000 gallon tank that we already had. We were to run the tanks in series in order to get enough contact time to meet our CT requirement. However, the water entering the second tank enters at the bottom and goes out the bottom, which causes a short circuit and the water in the top half the second tank to become stagnant and the water that is used not to have the intended amount of contact time. In order to get rid of the stagnant water we have had to run the tanks in parallel. The water enters at the top and goes out the bottom. The half of the water that goes through the smaller tank does not always go through slowly enough to have the necessary contact time to meet our CT requirement.  The 3000 gallon tank is old and we put in a liner because it is stainless steel and was rusting. The liner has helped a lot but there is still rust forming because of the moisture in the air that is between the liner and the tank's inner surface. We do not know how long the tank will last.  We really do not know what the solution is. Built into the cost estimate is \$2000 for Triad Engineering to come up with the solution. I have included a range because we do not yet know what the cost of the solution will be.	4 Months	\$6,000-27,000			
Salt and Nutrient Management Plans	??		The Lahontan Regional Water Quality Control Board is emphasizing the development of salt and nutrient management plans for each groundwater basin/sub-basin throughout its region. In the South Lahontan, the Owens and Indian Wells basins are high priority.					