

Proposal Full View

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Applicant Information

Organization Name: *

Tax ID: **941722895**

Proposal Name: **Tahoe-Sierra IRWM Implementation** *

Proposal Objective: Implementation of the suite of nine projects that make up this proposal will meet the following objectives of the Tahoe Sierra IRWM : 1) Foster a collaborative water management planning environment; 2) Promote integration of water management across geographies of the region; 3) Recommend priorities for implementation projects; 4) Cooperatively apply for and obtain funding for implementation projects; 5) Revise and update the Tahoe Sierra IRWM Plan as needed; and, 6) Communicate the best available information to decision makers, stakeholders and the public. In order to meet the goals and objectives above, the Tahoe Sierra IRWM has adopted the following water management strategies: 1.) Ecosystem restoration 2.) Environmental and Habitat Protection and Improvement 3.) Water Supply Reliability 4.) Flood Management 5.) Groundwater Management 6.) Recreation and Public Access 7.) Stormwater Capture and Management 8.) Water Conservation 9.) Water Quality Protection and Improvement 10.) Water Recycling 11.) Wetlands Enhancement and Creation 12.) Land Use Planning 13.) NPS Pollution Control 14.) Surface Storage 15.) Watershed Planning 16.) Water and Wastewater Treatment 17.) Water Transfers The suite of nine projects utilizes one or more of the 17 water management strategies listed above, as further described in the individual work plans, as well as the Performance Measures and Program Preferences section of this application. *

Budget

Other Contribution	<input type="text" value="\$253,868.00"/>
Local Contribution	<input type="text" value="\$0.00"/>
Federal Contribution	<input type="text" value="\$0.00"/>
Inkind Contribution	<input type="text" value="\$6,035,388.00"/>
Amount Requested	<input type="text" value="\$3,260,156.00"/> *
Total Project Cost	<input type="text" value="\$9,549,412.00"/> *

Geographic Information

Latitude *

Longitude *

Longitude/Latitude Clarification: _____

County: **Sierra, Placer, El Dorado, Alpine, Nevada** *

Ground Water Basin: **Martis Valley, Tahoe Valley-Tahoe North, Tahoe Valley-Tahoe South, Tahoe Valley-Tahoe West, Carson Valley**

Hydrologic Region: **North Lahontan**

Watershed: **125 Lake Tahoe, 126 Truckee River, 124 Carson River**

Legislative Information

Assembly District: **4th Assembly District** *

Senate District: **1st Senate District** *

US Congressional District: **District 4 (CA)** *

Project Information

Project Name:

Implementing Organization	<input type="text" value="Town of Truckee"/>
Secondary Implementing Organization	<input type="text"/>
Proposed Start Date	<input type="text" value="1/1/2014"/>
Proposed End Date	<input type="text" value="9/30/2016"/>
Project Scope	<input type="text" value="Implement and Operate the Truckee River Water Quality Monitoring Plan (TRWQMP)."/>
Project Description	The TRWQMP has been created in response to an order issued by the Lahontan Regional Water Quality Control Board (the Board). The California Water Code Section 13267 Board order, issued to both Placer County (the County) and the Town of Truckee (the Town) on March 9, 2007 and July 3, 2007, respectively, requires the creation of a comprehensive monitoring program for the middle Truckee River. Though regulated under separate board orders, the County and Town chose to coordinate efforts in the development of a monitoring program to ensure the cost-effective collection, integration and analysis of water quality data within the watershed. The TRWQMP is just one element of a much larger stormwater program in the Truckee River Watershed. The Town has developed and is implementing Stormwater Management Programs (SWMPs). The respective SWMPs detail the specific actions that shall implemented in order to protect surface water. In addition, the Middle Truckee River has an adopted TMDL for sediment. The project area

	<p>covered under the TRWQMP includes the main stem of the middle Truckee River and all areas contributing surface water runoff between its outlet from Lake Tahoe and its confluence with Juniper Creek (approximately 210 square miles). This area includes 15 sub-watersheds, which drain to the main stem of the Truckee River either through tributaries, direct runoff, or stormwater infrastructure. Preliminary screening for potential source areas was conducted using an integration of GIS data on land use, land condition and other human disturbances. The analysis resulted in the classification of each sub-watershed as low, medium or high disturbance. Of the seven identified high disturbance sub-watersheds, three are in Truckee including Truckee Town Corridor, Donner/Cold Creeks and Trout Creek. The TRWQMP was subsequently designed to focus monitoring resources and efforts on those high disturbance sub-watersheds where water quality is expected to be the most impaired.</p>
<p>Project Objective</p>	<p>Implement a comprehensive and integrated data collection analysis and reporting framework to evaluate and track resources spatially and over time. Focus monitoring resources on pollutants of concern and greatest risk of land use activity sources. Maximize monitoring resources by including a range of monitoring types that vary in frequency, collection, relative cost and statistical accuracy. Focus monitoring resources on times of greatest expected deviation from minimally impacted locations.</p>

Project Benefits Information

Project Objective

Budget

Other Contribution	0
Local Contribution	0
Federal Contribution	0
Inkind Contribution	0
Amount Requested	300000
Total Project Cost	300000

Geographic Information

Latitude DD(+/-)	39	MM 32	SS 59
Longitude DD(+/-)	-120	MM 18	SS 18
Longitude/Latitude Clarification			Location
County Nevada Ground Water Basin Martis Valley Hydrologic Region North Lahontan WaterShed			
#126 Truckee River			

Legislative Information

Assembly District	1st Assembly District
Senate District	1st Senate District
US Congressional District	District 4 (CA)

Project Information

Project Name	Project 2. TRWC - Negro Canyon Restoration
Implementing Organization	
Secondary Implementing Organization	Truckee River Watershed Council
Proposed Start Date	10/1/2013
Proposed End Date	6/30/2016
Project Scope	Reduce erosion and improve water quality through restoring four sites in Negro Canyon, a tributary to Donner Lake.
Project Description	Negro Canyon has been impacted by many waves of human use, from grazing to logging to off-highway vehicle use. These impacts have and are contributing to water quality degradation within the larger Truckee River drainage. In big rainstorms, large amounts of sediment erode from the roads of Negro Canyon into Donner Lake via Gregory Creek. Large gullies remain long after the storms. Gregory Creek has been impacted from road construction and several headcuts have developed in the creek, leading to even more erosion and degradation of riparian and in-stream habitat. The interaction of the road network and Gregory Creek and its tributaries is complex. For example, at many sites in-stream degradation is readily apparent, but the specific cause/trigger of the degradation may be linked to a number of upstream sources. In 2010 the Truckee River Watershed Council completed a watershed assessment and conceptual restoration plan to understand root causes of observed degradation (Truckee River Watershed Council, 2010). The plan identified several projects that will reduce excess sedimentation from Negro Canyon. The eastern side of the watershed exhibits the highest rate of erosion, so we have

	prioritized projects in that area. We have received funding to fully implement restoration at two of six sites. We are seeking funding to restore the remaining four sites in the eastern portion of the watershed.
Project Objective	The goal of the Negro Canyon Restoration Project is to reduce erosion and improve habitat in the Truckee River watershed. The objectives of the project include: reduce flood flows in Gregory Creek, improve water quality and reduce sedimentation by decreasing erosion and increase and improve riparian habitat through restoring natural drainage patterns. We will accomplish these results through restoration of four sites in the canyon.
Project Benefits Information	

Project Objective

Budget

Other Contribution	253868
Local Contribution	36700
Federal Contribution	0
Inkind Contribution	0
Amount Requested	299210
Total Project Cost	589778

Geographic Information

Latitude DD(+/-)	38	MM 59	SS 40
Longitude DD(+/-)	-119	MM 59	SS 50
Longitude/Latitude Clarification		Location	
County Placer Ground Water Basin Martis Valley Hydrologic Region North Lahontan WaterShed #126 Truckee River			

Legislative Information

Assembly District	5th Assembly District
Senate District	1st Senate District
US Congressional District	District 4 (CA)

Project Information

Project Name	Project 5. TRCD - Regional AIS Outreach Fran
Implementing Organization	Tahoe Resource Conservation District
Secondary Implementing Organization	El Dorado County/Georgetown Resource Conservation District
Proposed Start Date	10/15/2013
Proposed End Date	12/30/2014
Project Scope	Develop an AIS Regional Outreach Framework to support local and state prevention programs with a unified strategy.
Project Description	The Aquatic Invasive Species (AIS) Regional outreach framework will require the collaboration of agencies attending to AIS prevention and control within the Northern Lahontan region including but not limited to the following watersheds; Carson River, Lake Tahoe and Truckee Regional waters). AIS pose a serious threat to water quality, ecology and ecosystem health. The economic impacts could be devastating to this region and especially water suppliers if prevention efforts are not taken. Tactics/Strategy: Multi agency coordination to develop an Education and Outreach Framework based on unified inspection protocols and procedures and focused messaging. Creating a platform for reciprocity that is both useful and goal oriented. Establish and initiate a regional outreach committee to meet monthly within the timeframe of the grant Create unified educational message Create framework package which will include prevention tools available to the group and outside watersheds
Project Objective	Coordinate outreach techniques and campaigns Coordinate inspection protocols and messaging to boater, fishing community and general public Develop methods for reciprocity among neighboring waterbodies and cross jurisdictions Create all of these strategies into a framework that can be shared throughout the Region and State to provide overall guidance to other entities in the process of developing programs

Project Benefits Information

Project Objective

Budget

Other Contribution	0
Local Contribution	0
Federal Contribution	0
Inkind Contribution	62624
Amount Requested	250000
Total Project Cost	312624

Geographic Information

Latitude DD(+/-)	38	MM 59	SS 40
Longitude DD(+/-)	-119	MM 59	SS 50
Longitude/Latitude Clarification		Location	
County Nevada, Sierra, Placer, El Dorado, Alpine Ground Water Basin Tahoe Valley-Tahoe North, Tahoe Valley-Tahoe South, Tahoe Valley-Tahoe West Hydrologic Region North Lahontan WaterShed #125 Lake Tahoe			

Legislative Information

Assembly District	1st Assembly District, 5th Assembly District
Senate District	1st Senate District
US Congressional District	District 4 (CA)

Project Information

Project Name	Project 0. - Project Administration
Implementing Organization	Tahoe Regional Planning Agency
Secondary Implementing Organization	
Proposed Start Date	10/1/2013
Proposed End Date	6/30/2016
Project Scope	Provide project administration as lead agency
Project Description	Lead Agency Administration
Project Objective	To assist all projects fulfill project reporting and invoicing requirements

Project Benefits Information

Project Objective

Budget

Other Contribution	0
Local Contribution	0
Federal Contribution	0
Inkind Contribution	0
Amount Requested	155228
Total Project Cost	155228

Geographic Information

Latitude DD(+/-)	38	MM 59	SS 40
Longitude DD(+/-)	-119	MM 59	SS 50
Longitude/Latitude Clarification		Location	
County El Dorado Ground Water Basin Tahoe Valley-Tahoe South Hydrologic Region North Lahontan WaterShed #125 Lake Tahoe			

Legislative Information

Assembly District	4th Assembly District
Senate District	1st Senate District
US Congressional District	District 4 (CA)

Project Information

Project Name	4. Washoe Tribe - Woodfords Water Supply Im
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Implementing Organization	
Secondary Implementing Organization	Washoe Tribe
Proposed Start Date	10/1/2013
Proposed End Date	6/30/2016
Project Scope	The Woodfords Community Improvement & Pipe Replacement Project will apply to the entire Community & all 80 acres of Trust Land
Project Description	The Tribe will utilize and with regional partners coordinate, intergrate, and implement comprehensive water conservation activities to reduce water use and save water. Concurrently, implement the Water Use Efficiency Program, the Leak detection and repairs utilizing water meter and RadioRead Tranceivers (Model 520R Sensus MXUs) data collection and database, and Pipe replacements/wedd control, revegetation and update fire hydrants as needed. A water use database and the collected data will be used immediately to implement targeted water conservation activities and detection fo leaks in homes, laterals and water supply mains.
Project Objective	The goals of the Water Use Efficiency Program are to decrease water usage and educate residents of the Tribe's Woodfoord Community on the importance of water conservation and to detect leaks in homes, laterals and mains and repair pipes as prioritized by water meter data collection. In conjunction with our partner agencies, incentives will be offered through rebates for water efficient appliances, household leak repair, Turf Buy Back and Smart Controller Irrigation to reduce water consumption.
Project Benefits Information	

Project Objective

Budget

Other Contribution	0
Local Contribution	0
Federal Contribution	0
Inkind Contribution	0
Amount Requested	401871
Total Project Cost	401871

Geographic Information

Latitude DD(+/-)	38	MM 59	SS 40
Longitude DD(+/-)	-119	MM 59	SS 50
Longitude/Latitude Clarification			Location
County Alpine Ground Water Basin Tahoe Valley-Tahoe South Hydrologic Region North Lahontan WaterShed #124 Carson River			

Legislative Information

Assembly District	4th Assembly District
Senate District	1st Senate District
US Congressional District	District 4 (CA)

Project Information

Project Name	Project 7. STPUD - Regional Water use Efficier
Implementing Organization	South Tahoe Public Utility District
Secondary Implementing Organization	Tahoe City Public Utility District, North Tahoe Public Utility District
Proposed Start Date	11/1/2013
Proposed End Date	5/30/2016
Project Scope	Implementation of Water Conservation Best Management Practices to include: turf removal, irrigation efficiencies.
Project Description	Regional water use efficiency program including STPUD, TCPUD and NTPUD
Project Objective	The project objective is to promote water use efficiency region wide, save water, energy and reduce greenhouse gas emissions.

Project Benefits Information

Project Objective

Budget

Other Contribution	0
Local Contribution	0
Federal Contribution	0
Inkind Contribution	0
Amount Requested	375613
Total Project Cost	375613

Geographic Information

Latitude DD(+/-)	38	MM 59	SS 40
Longitude DD(+/-)	-119	MM 59	SS 50
Longitude/Latitude Clarification			Location
County Placer, El Dorado Ground Water Basin Tahoe Valley-Tahoe South Hydrologic Region North Lahontan WaterShed #125 Lake Tahoe			

Legislative Information

Assembly District	1st Assembly District
Senate District	1st Senate District
US Congressional District	District 4 (CA)

Project Information

Project Name	Project 9. TRPA - BMP Implementation
Implementing Organization	Tahoe Regional Planning Agency
Secondary Implementing Organization	
Proposed Start Date	10/1/2013
Proposed End Date	9/30/2016
Project Scope	engage property owners and assist them in designing and installing low impact development practices and water quality BMP's.
Project Description	The Private Parcel BMP Retrofit Project is identified in the Tahoe Sierra IRWM plan as a priority project based on geographic scope; ability to achieve multiple benefits, obtain objectives, and meet statewide priorities; strength of partnership commitments; and applicability to proposed IRWMP funding sources. This proposal primarily supports Objective 1 of the Tahoe Sierra IRWM plan "Protect and improve water quality" through installation of BMPs on Private Parcels as outlined in Subtask 9.1 Facilitate and Track Low Impact Development and BMP Implementation. Completion of this task will help meet Water Quality Objective Two (WQ2) "Reduce nutrient and sediment loads to receiving water bodies and Water Quality Objective Three (WQ3) "Meet nutrient and sediment standards for tributary streams and stormwater runoff." Subtask D2.3 Conduct Outreach and Develop Incentives for Installation of Private Parcel BMPs addresses the conflicts arising from regulation of polluting land uses identified within the water quality objective of the IWRM plan and also address WQ6 "Increase public awareness of regional water quality issues and their role in improving the quality of local water bodies." This project also supports IRWM Plan Objective 5, "Implement integrated watershed management throughout the region" specifically IWM3 "Form partnerships to share resources, take advantage of cost sharing opportunities and exchange information" through successful implementation of Subtask D2.2 Integrate Private Parcel BMP Implementation into Public Environmental Improvement Projects.
Project Objective	The goal of this project is to improve Lake Tahoe water quality by reducing the inputs of fine sediment particles and nutrients from privately-owned developed parcels. Objectives for this project include the installation of stormwater BMPs on privately-owned parcels, improved collaboration between watershed scale implementers and private property owners, increased level of expertise in low impact development and stormwater BMP design and installation among local project implementers.

Project Benefits Information

Project Objective

Budget

Other Contribution	0
Local Contribution	0
Federal Contribution	0

Inkind Contribution
 Amount Requested
 Total Project Cost

Geographic Information

Latitude DD(+/-) MM SS
 Longitude DD(+/-) MM SS
 Longitude/Latitude Clarification Location
 County Placer, El Dorado Ground Water Basin Tahoe Valley-Tahoe North, Tahoe Valley-Tahoe South, Tahoe Valley-Tahoe West Hydrologic Region North Lahontan
 WaterShed #125 Lake Tahoe

Legislative Information

Assembly District	4th Assembly District
Senate District	1st Senate District
US Congressional District	District 4 (CA)

Project Information

Project Name	Project 1. AWG Markleeville Creek Restoration
Implementing Organization	Alpine County
Secondary Implementing Organization	Markleeville Public Utility District, Alpine Watershed Group
Proposed Start Date	10/1/2013
Proposed End Date	3/31/2015
Project Scope	Fund Phase 3A, sewer system modifications and pre-project baseline monitoring, which is the critical path element.
Project Description	The purpose of the Markleeville Creek Restoration Project is to reestablish the natural form and function of Markleeville Creek and its floodplain through the site of the former United States Forest Service (USFS) Guard Station in downtown Markleeville, California. This site, which is approximately four acres in size, has been subject to significant and repeated flooding over the years. The project will reconstruct the floodplain and realign the sewer system in order to improve geomorphic function, reduce water quality risks, enlarge and enhance natural habitats, and create a recreational resource for the community. The project is currently fully funded for and in the midst of Phase 2, Planning and Design. Phase 3 of the project, Final Design and Implementation, is intended to begin in October 2013. This proposal will fund the initial phase of implementation, Phase 3A, which will include sewer system modifications and pre-project baseline monitoring. Sewer system modification is the critical path element to begin project implementation and ensure compliance with water quality standards. The primary elements of this phase of the restoration project include the following: replacement and relocation of underground sewer lines, replacement and relocation of above ground sewer infrastructure (manholes and pump station infrastructure), realignment and access road improvements to waste water treatment plant through restoration area, and pre-project baseline monitoring.
Project Objective	The goals of the restoration project are to 1) restore the natural stream channel and floodplain and 2) provide community benefits for residents and tourists. The project will restore the floodplain and streamside environment in order to improve geomorphic function and reconnect the stream to its historic floodplain. By relocating the gravity sewer mains, manholes and lift station out of the floodplain restoration area, the project will reduce the risk of inundation due to flooding.

Project Benefits Information

Project Objective

Budget

Other Contribution
 Local Contribution
 Federal Contribution
 Inkind Contribution
 Amount Requested
 Total Project Cost

Geographic Information

Latitude DD(+/-) MM SS

Longitude DD(+/-) MM SS
 Longitude/Latitude Clarification Location
 County Alpine Ground Water Basin Tahoe Valley-Tahoe South Hydrologic Region North Lahontan WaterShed
 #124 Carson River

Legislative Information

Assembly District	5th Assembly District
Senate District	1st Senate District
US Congressional District	District 4 (CA)

Project Information

Project Name	Project 8. Placer County - Griff Creek Water Qt
Implementing Organization	Placer County
Secondary Implementing Organization	
Proposed Start Date	10/1/2013
Proposed End Date	10/30/2014
Project Scope	Placer County will complete the design, publicly bid the project per California Contract Code and he project constructed.
Project Description	The Griff Creek Water Quality Improvement project is part of the overall Kings Beach Water Quality Improvement Project (WIP) which focuses on water quality improvements throughout the Entire Kings Beach urban community. The Kings Beach community is one of the largest urban watersheds bordering Lake Tahoe and has been identified as one of the largest urban sediment pollution sources to Lake Tahoe. To successfully undertake this 40 million dollar project it has been broken into 13 phases consisting of six separate watersheds and two stream environmental zones. The Griff Creek Water Quality Improvement Project phase improves a portion of one of the SEZ's and provides water quality improvements for the Griff Creek Watershed area.Griff Creek runs through the urbanized area of Kings Beach California and outlets directly into Lake Tahoe. Do to development and urbanization the creek has lost its natural meandering and flood control characteristics and has become an eroded stream channel and a sediment pollution source to Lake Tahoe. In additions no water quality treatment facilities exist in the Griff Creek watershed to treat urban runoff before it enters Griff Creek. This project will reintroduce SEZ area and natural flood control zones helping to take some of the pressure off of the main Griff Creek Channel. In addition multiple water quality features will be constructed to treat the urban runoff before it enters Griff Creek, all helping to reduce the sediment load in Lake Tahoe.
Project Objective	The main objective of the Griff Creek Water Quality Improvement Project is to identify water quality pollutant sources of sediment and nutrients within the residential area and to further develop alternatives to reduce the pollutants. A secondary objective is to assess the lower west fork of Griff Creek drainage for opportunities to improve water quality, stream health, and fish habitat and passage. The main project goal is to improve the water quality of runoff reaching Lake Tahoe.

Project Benefits Information

Project Objective

Budget

Other Contribution	<input type="text" value="0"/>
Local Contribution	<input type="text" value="0"/>
Federal Contribution	<input type="text" value="0"/>
Inkind Contribution	<input type="text" value="1168854"/>
Amount Requested	<input type="text" value="300000"/>
Total Project Cost	<input type="text" value="1468854"/>

Geographic Information

Latitude DD(+/-) MM SS
 Longitude DD(+/-) MM SS
 Longitude/Latitude Clarification Location
 County Placer Ground Water Basin Tahoe Valley-Tahoe North,Tahoe Valley-Tahoe South Hydrologic Region North Lahontan WaterShed
 #125 Lake Tahoe

Legislative Information

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Assembly District	4th Assembly District
Senate District	1st Senate District
US Congressional District	District 4 (CA)

Project Information

Project Name	Project 6. Tahoe City PUD - West Lake Tahoe
Implementing Organization	Tahoe City Public Utility District
Secondary Implementing Organization	
Proposed Start Date	11/1/2013
Proposed End Date	12/31/2015
Project Scope	The West Lake Tahoe Regional Water Treatment Plant project is the design, permitting and construction of a permanent plant.
Project Description	Water service along the West Shore of Lake Tahoe suffers from an inefficient, ineffective, disjointed, delivery system. Separate water systems were constructed subdivision by subdivision, and most are well over 40 years old, some dating back to the early 1900's. There are eight different ownerships serving approximately 2,820 connections. Some are under public control, some private investor-owned, and some are mutual water companies. None of these systems is in full compliance with current California Department of Public Health standards. Several are in violation of primary drinking water standards and others are in violation of secondary drinking water standards. All have source capacity issues for either their primary or back-up sources and there is a lack of adequate storage to meet fire suppression standards throughout the area. Due to the small numbers of connections in each system (most under 500 connections) these systems are significantly undercapitalized to meet today's drinking water standards. The West Lake Tahoe Regional Water Treatment Plant project will provide adequate water source to address these water supply needs on an integrated, regional basis. The West Lake Tahoe Regional Water Treatment Plant project is the construction of a permanent all season surface water treatment plant utilizing Lake Tahoe as the water source. The project replaces an existing seasonal water treatment plant, providing a long term solution to water delivery needs along the West Shore of Lake Tahoe and offers an integrated, regional approach to improving water quality and water delivery.
Project Objective	Address water supply needs on an integrated, regional basis. Replace interim water treatment plant providing a long term solution to improve the reliability of the McKinney Quail Water Service Area's water supply. Provide emergency domestic and fire suppression source for surrounding water purveyors both private and public. Reduce reliance upon groundwater which has historically show static level declines to due overproduction.

Project Benefits Information

Project Objective

Budget

Other Contribution	0
Local Contribution	0
Federal Contribution	0
Inkind Contribution	4767210
Amount Requested	288000
Total Project Cost	5055210

Geographic Information

Latitude DD(+/-)	39	MM 4	SS 39
Longitude DD(+/-)	-120	MM 9	SS 34
Longitude/Latitude Clarification			Location
County Placer Ground Water Basin Tahoe Valley-Tahoe West Hydrologic Region North Lahontan WaterShed #125 Lake Tahoe			

Legislative Information

Assembly District	4th Assembly District
Senate District	1st Senate District
US Congressional District	District 4 (CA)

Section : Applicant Information Question Tab

APPLICANT INFORMATION QUESTION TAB

Q1. PROPOSAL DESCRIPTION

Provide a brief abstract of the Proposal, including a listing of individual project titles. Please note which projects, if any, directly address a critical water supply or water quality issue for DACs or Native American Tribal communities.

This proposal consists of nine projects which utilize water management strategies outlined in the Tahoe Sierra IRWMP to accomplish water quality, water supply, water conservation, environmental and habitat protection goals, and environmental stewardship goals. Markleeville Creek Restoration Project The Markleeville Creek Restoration Project will re-establish the natural form and function of Markleeville Creek through the site. The project will reconstruct the floodplain and realign the sewer system in order to improve geomorphic function, reduce water quality risks and create a recreational resource for the community. Negro Canyon Restoration Restoration work will primarily consist of restoring abandoned road alignments, revegetating areas with native plants, restoring eroded stream channels, and re-establishing natural drainage patterns. Significant water quality improvement and habitat gains will be achieved. Water Quality Monitoring Program The project will implement water quality monitoring in three high risk sub-waters of the Truckee River including Truckee Town Corridor, Donner Creek/Cold Creek and Trout Creek, and will provide data analysis and reporting of the results. Woodfords Water Supply Improvements (Washoe Tribe of California and Nevada) This program focuses on water use efficiency best management practices implementation to decrease water use and educate residents of the Tribe's Woodfords Community on the importance of water conservation and to detect leaks in homes, laterals and mains and repair pipes as prior by water meter data collection. In conjunction with our partner agencies, incentives will be offered through rebates for water efficient appliances, household leak repair, Turf Back and Smart Controller Irrigation to reduce water consumption. By focusing on indoor retrofits, outdoor landscaping improvements and repairs to priority leaking pipes significant water savings can be realized. Aquatic Invasive Species Regional Outreach Framework This project will a framework to support regional outreach efforts to prevent spread of aquatic invasive species. West Lake Tahoe Regional Water Treatment The West Lake Tahoe Regional Water Treatment Plant project is the final design, permitting construction of a permanent all- season surface water treatment plant utilizing Lake Tahoe as the water source. The project replaces an existing summer seasonal water treatment plant and supplements or replaces ground water sources, providing a long term solution to water delivery needs along the West Shore of Lake Tahoe. Regional Water Use Efficiency Program This project will be utilizing resources in a regional approach to water conservation efforts. Integrated elements include: turf buyback; outreach and educational components; water savings appliances and fixtures; training and mentoring. Griff Creek Environmental Improvement Project This project will restore the natural control and sediment capture functions of the highly urbanized Griff Creek which outlets directly to Lake Tahoe. This project will restore adjacent stream environment and include features to improve the quality of urban stormwater prior to it reaching the creek. Best Management Practices Retrofit In an effort to improve water quality and restore Lake Tahoe's clarity, this project will fund the TRPA Stormwater Management Program (SMP) to reduce non-point source inputs of fine sediment and nutrients to Lake Tahoe from privately owned parcels. In order to accomplish these reductions, SMP will provide BMP technical guidance, resources and permitting assistance, to property owners facilitate private parcel BMP installation.

Q2. PROJECT DIRECTOR

Provide the name and details of the person responsible for executing the grant agreement for the applicant. Persons that are subcontractors to be paid by the grant cannot be listed as the Project Director.

Jessica Schwing Senior Environmental Specialist Tahoe Regional Planning Agency PO Box 5310 Stateline, NV 89449 775-589-5318 jschwing@trpa.org

Q3. PROJECT MANAGEMENT

Provide the name and contact information of the Project Manager from the applicant agency or organization that will be the day-to-day contact on this application.

Jessica Schwing Senior Environmental Specialist Tahoe Regional Planning Agency PO Box 5310 Stateline, NV 89449 775-589-5318 jschwing@trpa.org

Q4. APPLICANT INFORMATION

Provide the agency name, address, city, state and zip code of the applicant submitting the application.

Jessica Schwing Senior Environmental Specialist Tahoe Regional Planning Agency PO Box 5310 Stateline, NV 89449 775-589-5318 jschwing@trpa.org

Q5. ADDITIONAL INFORMATION

Provide the IRWM funding area(s) in which projects are located.

Visit the following website to locate the IRWM funding area(s).

<http://www.water.ca.gov/irwm/grants/fundingarea.cfm>

North/South Lahontan Region

Q6. DAC WAIVER COST SHARE REQUEST:

Are you applying for a DAC cost share waiver? If yes, complete attachment 10.

No

Q7. RESPONSIBLE REGIONAL WATER QUALITY CONTROL BOARD(S) (RWQCB)

List the name of the Regional Water Quality Control Board (RWQCB) in which your proposal is located. For a region that extends beyond more than one RWQCB boundary, list the name of each Board.

Visit the following website to find the RWQCB for a particular location:

http://www.waterboards.ca.gov/waterboards_map.shtml

Lahontan Regional Water Quality Control Board

Q8. ELIGIBILITY

The Implementation Grant Program requires a minimum funding match of 25% of total project cost unless there is a DAC project included in the proposal. Requirements for DAC funding match reductions are included in Exhibit E of this PSP. Are your matching funds less than 25%? If so, please explain.

No.

Q9. ELIGIBILITY

Does the application represent a single application from an IRWM Region approved in the RAP? To verify, see RAP website:

<http://www.water.ca.gov/irwm/grants/rap.cfm> If yes, include the name of the IRWM Region. If no, please explain.

Q10. ELIGIBILITY

Please specify whether the applicant is a local public agency or non-profit organization as defined in Appendix B of the 2012 Guidelines.

The project applicant, Tahoe Regional Planning Agency is a local public agency with jurisdiction within the Lake Tahoe Region. The Agency was created by Public Law 96- December 19,1980. Article VIII of the TRPA Compact authorizes the TRPA to receive grants.

Q11. ELIGIBILITY

List the urban water suppliers that will receive funding from the proposed grant. Please provide the agency name, a contact phone number and e-mail address. Those listed must submit self certification of compliance with CWC §525 et seq. and AB 1420, see Attachment 11. Answer "NA", if there are no urban water suppliers that will receive funding from the proposed grant.

Tahoe City Public Utility District Contact info: Tony Laliotis, Director of Utilities 530.583.3796, x36 tlaliotis@tcpud.org South Tahoe Public Utility District, Lynn Nolan 543-6215, lnolan@stpud.dst.ca.us North Tahoe Public Utility District Suzi Gibbons 530-546-4212 sgibbons@ntnud.org

Q12. ELIGIBILITY

Have all of the urban water suppliers, listed in Q11 above, submitted complete Urban Water Management Plans (UWMPs), to DWR? Have those plans been verified as complete by DWR? If not, explain and provide the anticipated date for having a complete UWMP.

Answer "NA" if no urban water supplier identified in Q11 above.

Yes

Q13. ELIGIBILITY

Have any urban water suppliers, listed in Q11, submitted AB 1420 compliance tables and supporting documentation to DWR for a different grant program on or after January 1, 2013? If so, please list the urban water supplier and the grant program. An urban water supplier must submit AB 1420 compliance documentation to DWR. If the urban water supplier has not submitted AB 1420 documentation, or that documentation was determined to be incomplete by DWR, the urban water supplier's projects will not be considered eligible for grant funding. Refer to Section IIIB of the 2012 Guidelines for additional information.

Answer "NA" if no urban water supplier identified in Q11 above.

No.

Q14. ELIGIBILITY

Does the Proposal include any groundwater projects or other projects that directly affect groundwater levels or quality? If so, provide the name(s) of the project(s) and list the agency(ies) that will implement the project(s).

Answer "NA" if the Proposal does not include groundwater projects or other projects that directly affect groundwater levels or quality.

N/A This proposal only affects groundwater indirectly.

Q15. ELIGIBILITY

For the agency(ies) listed in Q14, how has the agency complied with CWC §10753 regarding Groundwater Management Plans (GWMPs), as described in Section III.B of the 2012 Guidelines?

Answer "NA" if the Proposal does not include groundwater projects or other projects that directly affect groundwater levels or quality.

N/A

Q16. ELIGIBILITY

Does the IRWM region receive water supplied from the Sacramento-San Joaquin Delta? Please answer yes or no. If no, please explain.

No. The Tahoe Sierra Region is located up stream from the Sacramento-San Joaquin Delta and does not use the Delta as a water source.

Q17. ELIGIBILITY

Does the existing IRWM Plan help reduce dependence on the Sacramento-San Joaquin Delta for water supply? Please answer yes or no. If no, please explain. If yes, please complete attachment 13.

No. The Tahoe Sierra Region is located up stream from the Sacramento-San Joaquin Delta and does not use the Delta as a water source.

Q18. ELIGIBILITY

If an update to the IRWM plan will take place in the near future, will the updated plan continue to reduce dependence on the Sacramento-San Joaquin Delta for water supply? Please answer yes or no. If no, please explain. If yes, please complete Attachment 13.

No. The Tahoe Sierra Region is located up stream from the Sacramento-San Joaquin Delta and does not use the Delta as a water source.

Q19. ELIGIBILITY

List the agricultural water suppliers that will receive funding from the proposed grant. Please provide the agency/organization name, a contact phone number and e-mail address. If there are none, please indicate so.

None.

Q20. ELIGIBILITY

Have all of the agricultural water suppliers, listed in Q19 above, submitted complete Agricultural Water Management Plan to DWR? Have those plans been verified as complete by DWR? If the plan has not been submitted, please indicate the anticipated submittal date.

Answer "NA" if no agricultural water suppliers identified in Q19 above.

N/A

Q21. ELIGIBILITY

List the surface water diverters that will receive funding from the proposed grant. Please provide the agency/organization name, a contact phone number and e-mail address. If there are none, please indicate so.

Tahoe City Public Utility District Contact info: Tony Laliotis, Director of Utilities 530.583.3796, x36 tlaliotis@tcpud.org

Q22. ELIGIBILITY

Have all of the surface water diverters, listed in Q21 above, submitted to the State Water Resources Control Board surface water diversion reports in compliance with requirements outlined in Part 5.1 (commencing with §5100) of Division 2 of the CWC? If not, explain and provide the anticipated date for meeting the requirements.

Answer "NA" if no surface water diverters identified in Q21 above.

Yes, Tahoe City Public Utility District has been filing all water diversion reports annually as required.

Q23. ELIGIBILITY

List the groundwater users that will receive funding from the proposed grant. Please provide the agency/organization name, a contact phone number and e-mail address. If there are none, please indicate so.

Tahoe City Public Utility District Contact info: Tony Laliotis, Director of Utilities 530.583.3796, x36 tlaliotis@tcpud.org

Q24. ELIGIBILITY

Have all of the groundwater users, listed in Q23 above, met the requirements of DWR's CASGEM Program:

<http://www.water.ca.gov/groundwater/casgem/> ? If not, explain and provide the anticipated date for meeting the requirements.

Answer "NA" if no groundwater users identified in Q23 above.

Tahoe City Public Utility District is enrolled in the voluntary CASGEM program for 2013.

Section : Application Attachments Tab**APPLICATION ATTACHMENTS TAB****ATTACHMENT 1: AUTHORIZATION AND ELIGIBILITY REQUIREMENTS**

Ensure file name is consistent with Section V of the P84 Round 2 Implementation PSP.

Upload authorization and eligibility documentation here. This field is mandatory.

Last Uploaded Attachments: ATT1_IG2_Eligible_1ofTotal1.pdf

Upload additional authorization and eligibility documentation here, if necessary.

ATTACHMENT 2: ADOPTED PLAN AND PROOF OF FORMAL ADOPTION

Ensure file name is consistent with Section V of the P84 Round 2 Implementation PSP.

Upload adopted plan and proof of formal adoption documentation here. This field is mandatory.

Last Uploaded Attachments: ATT2_IG2_ADOPT_1ofTotal1.pdf

Upload additional adopted plan and proof of formal adoption documentation here, if necessary.

Upload additional adopted plan and proof of formal adoption documentation here, if necessary.

ATTACHMENT 3: WORK PLAN

Ensure file name is consistent with Section V of the P84 Round 2 Implementation PSP.

Upload work plan documentation here. This field is mandatory.

Last Uploaded Attachments: ATT3_IG2_WorkPlan_1ofTotal1.pdf

Upload additional work plan components here, if necessary.

ATTACHMENT 4: BUDGET

Ensure file name is consistent with Section V of the P84 Round 2 Implementation PSP.

Upload budget documentation here. This field is mandatory.

Last Uploaded Attachments: ATT4_IG2_Budget_1ofTotal1.pdf

Upload additional budget components here, if necessary.

Upload additional budget components here, if necessary.

Upload additional budget components here, if necessary.

ATTACHMENT 5: SCHEDULE

Ensure file name is consistent with Section V of the P84 Round 2 Implementation PSP.

Upload schedule documentation here. This field is mandatory.

Last Uploaded Attachments: ATT5_IG2_Schedule_1ofTotal1.pdf

Upload additional schedule components here, if necessary.

Upload additional schedule components here, if necessary.

ATTACHMENT 6: MONITORING, ASSESSMENT, AND PERFORMANCE MEASURES

Ensure file name is consistent with Section V of the P84 Round 2 Implementation PSP.

Upload monitoring, assessment, and performance measures documentation here. This field is mandatory.

Last Uploaded Attachments: ATT6_IG2_Measures_1ofTotal1.pdf

Upload additional monitoring, assessment, and performance measures here, if necessary.

Upload additional monitoring, assessment, and performance measures here, if necessary.

ATTACHMENT 7: TECHNICAL JUSTIFICATION OF PROJECT PHYSICAL BENEFITS

Ensure file name is consistent with Section V of the P84 Round 2 Implementation PSP.

Upload technical justification of project physical benefits documentation here. This field is mandatory.

Last Uploaded Attachments: ATT7_IG2_TechJust_1ofTotal2.pdf, ATT7_IG2_TechJust_2ofTotal2.pdf

Upload additional technical justification of project physical benefits here, if necessary.

Upload additional technical justification of project physical benefits here, if necessary.

Upload additional technical justification of project physical benefits here, if necessary.

ATTACHMENT 8: BENEFITS AND COST ANALYSIS

Ensure file name is consistent with Section V of the P84 Round 2 Implementation PSP.

Upload benefits and cost analysis documentation here. This field is mandatory.

Last Uploaded Attachments: ATT8_IG2_BenCost_1ofTotal1.pdf

Upload additional benefits and cost analysis documentation here, if necessary.

Upload additional benefits and cost analysis documentation here, if necessary.

Upload additional benefits and cost analysis documentation here, if necessary.

ATTACHMENT 9: PROGRAM PREFERENCES

Ensure file name is consistent with Section V of the P84 Round 2 Implementation PSP.

Upload program preferences documentation here. This field is mandatory.

Last Uploaded Attachments: ATT9_IG2_Preference_1ofTotal1.pdf

Upload additional program preferences documentation here, if necessary.

ATTACHMENT 10: DISADVANTAGED COMMUNITY ASSISTANCE

This attachment is required only if the proposal includes a project that specifically addresses a need of a DAC. Please refer to PSP for detail information.

If this attachment does not apply to your proposal, you MUST still upload a document that indicates this attachment is not applicable. If the upload field to this attachment is left blank, your proposal cannot be saved or completed.

Ensure file name is consistent with Section V of the P84 Round 2 Implementation PSP.

Upload disadvantaged community assistance documentation here. This field is mandatory.

Last Uploaded Attachments: ATT10_IG2_DAC_1ofTotal1.pdf

Upload additional disadvantaged community assistance documentation here, if necessary.

Upload additional disadvantaged community assistance documentation here, if necessary.

ATTACHMENT 11: GWMP, AB 1420, AND WATER METER COMPLIANCE INFORMATION

If your proposal does not include 1) a groundwater project or a project that directly affects groundwater levels or quality, or 2) an urban water supplier who would receive grant funding, you MUST still upload a document that indicates this attachment is not applicable to your proposal. If the upload field to this attachment is left blank, your proposal cannot be saved or completed.

Ensure file name is consistent with Section V of the P84 Round 2 Implementation PSP.

Upload GWMP, AB1420, and water meter compliance documentation here. This field is mandatory.

Last Uploaded Attachments: ATT11_IG2_SelfCert_1ofTotal1.pdf

Upload additional GWMP, AB1420, and water meter compliance information documentation here, if necessary.

Upload additional GWMP, AB1420, and water meter compliance information documentation here, if necessary.

Upload additional GWMP, AB1420, and water meter compliance information documentation here, if necessary.

Upload additional GWMP, AB1420, and water meter compliance information documentation here, if necessary.

ATTACHMENT 12. CONSENT FORM

This attachment is required only if the proposal is utilizing an IRWM Plan that was adopted on or before September 30, 2008. The Consent Form contained in Exhibit F of the PSP must be signed and submitted in hard copy. Please refer to PSP for more information.

If this attachment does not apply to your proposal, you MUST still upload a document that indicates this attachment is not applicable. If the upload field to this attachment is left blank, your proposal cannot be saved or completed.

Ensure file name is consistent with Section V of the P84 Round 2 Implementation PSP.

Upload the signed consent form here. This field is mandatory.

Last Uploaded Attachments: ATT12_IG2_Consent_1ofTotal1.pdf

ATTACHMENT 13: IRWM PLAN - REDUCED DELTA WATER DEPENDENCE

This attachment is required only if the IRWM region receives water supplied from the Sacramento-San Joaquin Delta. Attachment 13 must summarize the portions of the plan that address how implementation of the IRWM Plan will help reduce dependence on the Sacramento-San Joaquin Delta for water supply, and include relevant plan excerpts to support the summary. Please refer to PSP for detail information.

If this attachment does not apply to your proposal, you **MUST** still upload a document that indicates this attachment is not applicable. If the upload field to this attachment is left blank, your proposal cannot be saved or completed.

Ensure file name is consistent with Section V of the P84 Round 2 Implementation PSP.

Upload the summary of IRWM Plan here. This field is mandatory.

Last Uploaded Attachments: ATT13_IG2_Delta_1ofTotal1.pdf
