



Lahontan Regional Water Quality Control Board

October 1, 2018

Tahoe Sierra Integrated
Regional Water Management Group
Attn: Randy Vogelgesang, Chairman
765 Emerald Bay Rd.,
South Lake Tahoe, CA 96150

**RESOLUTION AUTHORIZING A SUPPLEMENTAL ENVIRONMENTAL
PROJECT PROGRAM MEMORANDUM OF UNDERSTANDING (MOU)
WITH THE TAHOE SIERRA INTEGRATED REGIONAL WATER
MANAGEMENT GROUP**

Dear: Mr. Vogelgesang:

Enclosed is the adopted Resolution R6T-2017-0051, which was adopted at the Regional Water Quality Control Board meeting held in South Lake Tahoe, California on November 16, 2017.

The original is being mailed to you. Please sign the original and return to my attention at the address below.

Thank you for your time and attention to this matter. If you should have any questions, please contact Jeff Brooks, Senior Engineering Geologist, at (530) 542-5420 (jeff.brooks@waterboards.ca.gov).

Sincerely,

Katrina Fleshman,
Executive Assistant

cc: Patty Kouyoumdjian, Executive Officer, Lahontan Water Board
Doug Smith, Assistant Executive Officer, Lahontan Water Board
Jeff Brooks, Senior Engineering Geologist, Lahontan Water Board

Enclosures: R6T-2017-0051 Resolution
Attachment A – Application Cover Letter
Attachment B – Adopted MOU with Attachments

PETER C. PUMPHREY, CHAIR | PATTY Z. KOUYOUMDJIAN, EXECUTIVE OFFICER

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**CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
LAHONTAN REGION**

RESOLUTION NO. R6T-2017- 0051

**LAHONTAN WATER BOARD
SUPPLEMENTAL ENVIRONMENTAL PROJECT PROGRAM
MEMORANDUM OF UNDERSTANDING
WITH THE
TAHOE SIERRA INTEGRATED REGIONAL WATER MANAGEMENT GROUP**

WHEREAS, the California Regional Water Quality Control Board, Lahontan Region (Water Board) finds:

1. The Water Board adopted the "Lahontan Water Board Supplemental Environmental Project (SEP) Program" (Lahontan SEP Program) on February 12, 2014 (Water Board Resolution No. R6T-2014-0014).
2. The Lahontan SEP Program supports establishing partnerships with independent third parties (partner organizations) to (1) identify projects that may qualify for SEPs, (2) manage SEP payments from dischargers, and (3) implement SEPs consistent with the Water Board's expressed priorities.
3. The Lahontan SEP Program's criteria for selecting SEP Program partners emphasize a qualifying partner's broad, watershed-based focus on issues, transparent and broad stakeholder-based project development/selection process, coordination with neighboring watershed efforts and state and federal agencies, and long-term, successful project implementation. The Lahontan SEP Program's partnership criteria aligns with selection criteria in current state funding programs and laws that promote community-supported, multi-benefit, and collaborative projects.
4. In 2007, the Tahoe Sierra Integrated Regional Water Management (IRWM) Group was formed to address the numerous major water-related needs/challenges and conflicts within the Tahoe-Sierra region, including water quality, local water supply reliability, groundwater management, ecosystem restoration and integrated watershed management. Resolution No. R6T-2014-0014 identifies IRWM Groups as eligible to participate in the Lahontan SEP Program as a partner organization.
5. The Water Board has delayed full implementation of the Lahontan SEP Program until a pilot program is completed and evaluated. While the pilot program time period has been extended, the pilot program was evaluated, in part, at the Water Board's July 9, 2015 meeting in South Lake Tahoe, California. The Water Board directed staff to proceed with developing agreements with potential partner organizations.

6. The Tahoe Sierra IRWM Group submitted an application to become a SEP Program partner organization to the Water Board on December 2, 2016 (Attachment A). Water Board staff determined that the Tahoe Sierra IRWM Group met the criteria established by Water Board Resolution No. R6T-2014-0014 for partner organizations.
7. Water Board staff accepted the application on December 8, 2016, and began developing a Memorandum of Understanding (MOU) with the Tahoe Sierra IRWM Group.
8. The Tahoe-Sierra region is generally based on watershed boundaries within the State of California for the Little Truckee River, Truckee River, Carson River, and Lake Tahoe watersheds, all of which drain to Nevada. The region encompasses approximately 802,600 acres, and includes the eastern parts of Alpine, El Dorado, Placer, and Nevada Counties, and the southeastern corner of Sierra County.
9. The Tahoe Sierra IRWM Group approved the proposed MOU at its September 18, 2017 meeting, and designated South Tahoe Public Utility District (STPUD) as its lead representative agency and fiscal agent for the SEP Program. STPUD approved the proposed MOU at its October 19, 2017 board meeting.
10. The Tahoe Sierra IRWM Group submitted information on December 2, 2016 on 60 potential projects that may be considered eligible as SEPs. The projects are classified as either restoration, storm water/flood control, or water supply projects. Water Board staff determined that 58 of the 60 projects satisfy the criteria of the Lahontan SEP Program identified in Water Board Resolution No. R6T-2014-0014.
11. The Water Board has notified interested parties throughout the Lahontan Region of its intent to adopt this Resolution by posting to a list server and on the Water Board's web site.
12. The Water Board, in a public meeting, heard and considered all comments regarding the Resolution.

THEREFORE, BE IT RESOLVED THAT:

1. The Water Board approves the MOU with the Tahoe Sierra IRWM Group (Attachment B) to become a SEP Program partner organization.
2. The Water Board accepts the 58 projects identified in Attachment C as satisfying the Lahontan SEP Program's qualification criteria identified in Water Board Resolution No. R6T-2014-0014.
3. The Water Board directs staff to post the agreement with the Tahoe Sierra IRWM Group in a prominent location on the Water Board's web site.

4. The Water Board authorizes the Water Board Executive Officer to approve any amendments in the MOU that are still consistent with the Lahontan SEP Program identified in Water Board Resolution No. R6T-2014-0014.

I, Patty Z. Kouyoumdjian, Executive Officer, do hereby certify that the foregoing is a full, true, and correct copy of a Resolution adopted by the California Regional Water Quality Control Board, Lahontan Region, on November 16, 2017.



PATTY Z. KOUYOUMDJIAN
EXECUTIVE OFFICER

- Attachments:
- A. Tahoe Sierra IRWM Group Application Cover Letter
 - B. Memorandum of Understanding: Lahontan Water Board Supplemental Environmental Project Program with the Tahoe Sierra IRWM Group
 - C. Tahoe Sierra IRWM Group's Accepted SEP List

MEMORANDUM OF UNDERSTANDING
LAHONTAN WATER BOARD
SUPPLEMENTAL ENVIRONMENTAL PROJECT PROGRAM
WITH THE
TAHOE SIERRA INTEGRATED REGIONAL WATER MANAGEMENT GROUP

This document shall serve as a Memorandum of Understanding (MOU) by and between the California Regional Water Quality Control Board, Lahontan Region (Lahontan Water Board) and the Tahoe Sierra Integrated Regional Water Management (IRWM) Group. The purpose of the MOU is to establish a list of potential projects that may be implemented pursuant to the Lahontan Water Board Supplemental Environmental Project (SEP) Program approved by Resolution No. R6T-2014-0014 (Lahontan SEP Program).

In 2007, the Tahoe Sierra IRWM Group was formed to address the many major water-related needs/challenges and conflicts within the Tahoe-Sierra region, including water quality, local water supply reliability, groundwater management, ecosystem restoration, and integrated watershed management. The Tahoe-Sierra region is generally based on watershed boundaries within the State of California for the Little Truckee River, Truckee River, Carson River, and Lake Tahoe watersheds, all of which drain to Nevada. The region encompasses approximately 802,600 acres, and includes the eastern parts of Alpine, El Dorado, Placer, and Nevada Counties, and the southeastern corner of Sierra County.

The Tahoe Sierra IRWM Group developed and approved the Tahoe Sierra IRWM Plan, which supports local and regional efforts to obtain funding for projects intended to address the above-referenced needs/challenges/conflicts and as identified through the IRWM planning process. The Tahoe Sierra IRWM Plan establishes a list of 60 potential projects (<http://tahoesierrairwm.com/projects-2/>). The projects were developed through coordination of over 47 partners and stakeholders to the Tahoe Sierra IRWM Plan through numerous public workshops and local-level community outreach meetings. Potential projects were evaluated against basic submittal criteria to develop the final project list of the Tahoe Sierra IRWM Plan.

The Tahoe Sierra IRWM Group submitted information on December 2, 2016 demonstrating that it meets the criteria established by the Lahontan SEP Program to identify projects that may qualify as SEPs. The Tahoe Sierra IRWM Group also provided information demonstrating its capacity to implement SEPs pursuant to the criteria established by the Lahontan SEP Program.

On September 18, 2017, the Tahoe Sierra IRWM Group designated one of its partner members, the South Tahoe Public Utility District (STPUD), as its lead representative for the Lahontan SEP Program. STPUD will be the Tahoe Sierra IRWM Group's signator and fiscal agent for the Lahontan SEP Program MOU and for any Discharger Agreements.

The following terms and conditions of this MOU govern the Tahoe Sierra IRWM Group's obligations to identify projects that may qualify as SEPs, to use the funds transferred to it by a discharger in accordance with the Lahontan Water Board's authorizing Administrative Civil Liability Order, and to implement SEPs consistent with the Lahontan SEP Program,

all as more specifically described below. This MOU is effective upon its execution by the Tahoe Sierra IRWM Group and the Lahontan Water Board Executive Officer.

1. The Tahoe Sierra IRWM Group shall incorporate the SEP Qualification Criteria identified in the Lahontan SEP Program to identify potential projects that may qualify as a SEP. This shall be incorporated within the Tahoe Sierra IRWM Group's stakeholder process used for identifying potential projects.
2. The Tahoe Sierra IRWM Group shall submit to the Lahontan Water Board Executive Officer on a biannual basis a list of potential projects, if any, that have been identified via its public process that incorporates local stakeholder outreach and input in selecting and prioritizing potential SEP projects. The first such list was submitted **December 2, 2016**, and shall be updated every two (2) years thereafter (by December 31 of even-numbered years) to reflect potential projects that have been added, removed, or completed. Each potential project shall be submitted using the Tahoe Sierra IRWM Group SEP Project Submittal Form (attached to this MOU as Attachment 1) or other form authorized by the Lahontan Water Board Executive Officer. If the Tahoe Sierra IRWM Group has not identified any changes to be made to the list of potential projects, the bi-annual update shall provide notice that no changes have been made to the existing list of potential projects.
3. When a discharger is under an Order of the Lahontan Water Board to pay an administrative civil liability ("liability") for violations and elects to direct a portion of its liability to fund implementation of a SEP identified on the Tahoe Sierra IRWM Group's list of potential projects noted in Paragraph 2, above, STPUD, as the lead representative agency for the Tahoe Sierra IRWM Group, shall enter into a direct agreement with the discharger. The agreement between STPUD and the discharger shall include the specific language noted within Attachment 2 to the Lahontan SEP Program (a copy of which is also attached to this MOU as Attachment 2)("SEP Program Attachment 2"), in addition to whatever additional terms and conditions, upon which the discharger and STPUD mutually agree.
4. The Tahoe Sierra IRWM Group shall provide quarterly reports of progress on each SEP to the Designated Lahontan Water Board Representative commencing on the first day of the fiscal quarter after an agreement with a discharger becomes effective and continuing through submittal of the final reports described below. If no activity occurred during a particular quarter, a quarterly report so stating shall be submitted. Quarterly reports shall be submitted within 30 days after the end of the fiscal quarter.
5. If the discharger does not provide sufficient liability funds to the Tahoe Sierra IRWM Group to finance the project, the Tahoe Sierra IRWM Group is not required to complete the project or provide additional funding to complete the project, which is consistent with the intent of Paragraph 6 of the SEP Program Attachment 2. That paragraph also intends to provide that the discharger is not obligated to provide additional funding beyond the amount of the liability, unless otherwise agreed.
6. Within thirty (30) days after the applicable SEP Completion, the Tahoe Sierra IRWM Group shall submit a certified statement of completion of the SEP ("Certification of Completion"). The Certification of Completion shall be submitted, under penalty of

perjury, to the Designated Lahontan Water Board Representative by a responsible corporate official representing the Tahoe Sierra IRWM Group. The Certification of Completion shall include the following:

- a. Certification that the SEP has been completed in accordance with the terms of this MOU, the Lahontan Water Board's Order authorizing the use of the liability to fund a SEP, the Lahontan SEP Program, and the SEP Policy on Supplemental Environmental Projects. Such documentation may include photographs, invoices, receipts, certifications, and other materials reasonably necessary for the Lahontan Water Board to evaluate the completion of the SEP and the costs incurred by the Tahoe Sierra IRWM Group.
 - b. Certification documenting the expenditures by the Tahoe Sierra IRWM Group during the completion period for the SEP. The Tahoe Sierra IRWM Group's expenditures may include external payments to outside vendors or contractors performing the SEP. In making such certification, the Tahoe Sierra IRWM Group official may rely upon normal company project tracking systems that capture employee time expenditures and external payments to outside vendors, such as environmental and information technology contractors or consultants. The certification need not include any costs incurred by the Lahontan Water Board for oversight. The Tahoe Sierra IRWM Group shall provide any additional information requested by the Designated Lahontan Water Board Representative that is reasonably necessary to verify SEP expenditures.
 - c. Certification that the Tahoe Sierra IRWM Group obtained all necessary permits and followed all applicable laws and regulations in the implementation of the SEP, including but not limited to the California Environmental Quality Act (CEQA), the federal Clean Water Act, the Porter-Cologne Act, and the terms of any permits issued for the SEP.
7. To ensure compliance with CEQA where necessary, the Tahoe Sierra IRWM Group shall provide the Lahontan Water Board with the following applicable document from the lead agency prior to commencing with the SEP:
- a. Categorical or statutory exemptions relied upon by the CEQA lead agency;
 - b. Negative Declaration if there are no potentially "significant" impacts;
 - c. Mitigated Negative Declaration if there are potentially "significant" impacts but revisions to the project have been made or may be made to avoid or mitigate those potentially significant impacts; or
 - d. Environmental Impact Report (EIR).
8. In addition to the Certification of Completion, upon completion of the SEP and at the written request of the Lahontan Water Board Executive Officer, the Tahoe Sierra IRWM Group and discharger, at the sole cost of one or both such parties, as applicable, shall submit a report prepared by an independent third party(ies), acceptable to the Lahontan Water Board Executive Officer, providing such

party's(ies') professional opinion that the Tahoe Sierra IRWM Group has expended money in the amounts claimed. The audit report shall be provided to the Designated Lahontan Water Board Representative within three (3) months of notice from the Lahontan Water Board Executive Officer to the Tahoe Sierra IRWM Group and discharger of the need for an independent third-party financial audit. The audit should not include any costs incurred by the Lahontan Water Board for oversight.

9. Upon the receipt of the final completion report and Certification of Completion, and upon Tahoe Sierra IRWM Group's satisfaction of its SEP obligations under this MOU, any audit requested by the Lahontan Water Board pursuant to Paragraph 8, above, and the Water Board's review and determination that the terms of the Water Board Order authorizing the offset of a portion of a civil penalty to fund a SEP have been completed, the Designated Lahontan Water Board Representative shall send the Tahoe Sierra IRWM Group and discharger a letter recognizing satisfactory completion of their respective obligations under the terms of each applicable Order authorizing the completion of a SEP.
10. As indicated in the SEP Policy, an Order shall state that the Discharger's failure to pay any required monetary assessment on a timely basis will cancel the provisions for suspended penalties for SEPs and that suspended amount will become immediately due and payable to the State Water Resources Control Board.
11. At any time during which the Tahoe Sierra IRWM Group is not actively implementing a SEP or performing any applicable post-SEP obligations described in this MOU, either the Lahontan Water Board or the Tahoe Sierra IRWM Group is entitled to terminate this MOU upon thirty (30) days written notice to the other party.

IT IS SO AGREED.

California Regional Water Quality Control Board – Lahontan Region

By:  Date: 10-10-18
Patty Z. Kouyoumdjian
Executive Officer

Tahoe Sierra Integrated Regional Water Management Group

By:  Date: 10/4/18
Randy Vogelgesang, Chairman
South Tahoe Public Utility District, SEP Program Lead Representative Agency
Tahoe Sierra Integrated Regional Water Management Group

- Attachment 1: Tahoe Sierra IRWM Group SEP Project Submittal Form
- Attachment 2: Template Language for Partner Organization/Discharger Agreements

Accepted Tahoe Sierra IRWM Group SEP List*

Stormwater Projects
Lake Tahoe BMP Implementation & Maintenance
Coldstream Road Open Bottom Culvert and Creek Restoration
CSA 5 Water Quality Project
Sierra Boulevard
Sierra Tract Erosion Control Project, Phase 3/4
Tahoe Valley Greenbelt and Stormwater Improvement Project
Meyers SEZ and Erosion Control Project
Regional Landscape Conservation Measures for Lake Tahoe
Town of Truckee Stormwater Management and BMP Retrofits
Country Club Stormwater Management and Erosion Control Project
Bijou Park Creek Watershed and SEZ Restoration Project
South Upper Truckee Water Quality Project
Trout Creek Restoration
Ruby Way - Overlook Court
Donner Creek Interstate 80 Stormwater Project
Fremont Pipe Water Quality Improvement Project
San Bernardino Water Quality Project
Truckee River Residential BMP Implementation
Chiapa Water Quality Project
Citywide Drainage Retrofits
Delaware Water Quality Project
Oflyng Erosion Control Project
South Tahoe Greenway
Truckee High School Stormwater Treatment Wetlands Restoration Project
Bijou Creek- Upper Glenwood
Bijou Creek-Pickett/Rufus Allen
Osgood Expansion
Stormwater Monitoring Program for the Lake Tahoe Basin
Town of Truckee Trash Control Program and Retrofits
Upper Keller Canyon Drainage and Erosion Control Project
Water Quality Monitoring
West River Street Revitalization
TMDL Monitoring for the Truckee River
South Lake Tahoe Integrated Roadway Management Strategy

*Some projects are listed under more than one project category.

Accepted Tahoe Sierra IRWM Group SEP List*

Restoration Projects
Squaw Creek Restoration, Olympic Valley
Meyers SEZ and Erosion Control Project
Transition Hazardous Fuels Reduction Project
Coldstream Road Open Bottom Culvert & Creek Restoration
Markleeville Creek Floodplain Restoration Project
Upper Truckee River & Marsh Restoration
Country Club Stormwater Mgmt and ECP
Donner Creek Confluence Floodplain Restoration Project
Truckee Meadows Restoration
Dry Creek Restoration Project
Priority Meadow Restoration in the Truckee Watershed
Tahoe Pines Campground Restoration & Public Access
Trout Creek Restoration
Glenridge Water Quality Project
Martis Watershed Restoration Plan Implementation
Regional Aquatic Invasive Species Prevention, Control & Monitoring
Sardine Meadow Restoration
South Upper Truckee Water Quality Project
Faith Valley Meadow Restoration
Griff Creek Corridor Improvements
Lacey Meadows Restoration
Non-Native Invasive Plant Species
Aquatic Invasive Species/Watercraft Inspection Program
Martis Valley Groundwater Basin Planning & Restoration Study
Oflyng Erosion Control Project
Outback Watershed Improvement Project
Priority Meadow Restoration in the Carson Watershed
Regional Landscape Conservation Measures for Lake Tahoe
West Carson River Restoration
Delaware Water Quality Project
Development of Tools to Predict the Occurrence of Aquatic Invasive Species (AIS) Along Lake Tahoe's Nearshore
First 4 Mile Restoration Project
Iroquois Pond SEZ Restoration
Johnson Canyon Westside Restoration
San Bernardino Water Quality Project
West River Street Revitalization
BMP Implementation on STPUD Operating Site SWR/WTR

*Some projects are listed under more than one project category.

Accepted Tahoe Sierra IRWM Group SEP List*

Restoration Projects
Chiapa Water Quality Project
River Revitalization Project
Truckee High School Stormwater Treatment Wetlands Restoration Project
Carnelian Woods Tanks Site EIP
Burton Creek Restoration Improvements
Kingswood West Tank Site EIP
Groundwater Monitoring to Support Nearshore Management

*Some projects are listed under more than one project category.

Accepted Tahoe Sierra IRWM Group SEP List*

Water Supply Projects
SVMWC & SVPSD Water System Interconnection Facility
Markleeville Creek Floodplain Restoration Project
MPUD Sewer Line Replacement
Regional Water Supply Interconnections
West Lake Tahoe Regional Water Treatment Plant
Markleeville Pipeline Replacement, Meter and Hydrant Installation
Meter Conversion
Regional Water Conservation Programs
Squaw Creek Restoration, Olympic Valley, CA
Woodfords Community Wastewater Infrastructure Upgrades
Woodfords Community Water Infrastructure Upgrades
Tahoe City Emergency Water Supply
Well Destruction Program
Increase Capacity of Well #2 Wellhead Treatment
Install Wellhead Treatment for Well #1
PCE Contamination Cleanup/Well Site Purchase/Location
Waterline Replacement Project 2a
Waterline Replacement Project 7a
Well #4 Replacement and Treatment Project
Keller-Heavenly Zone Improvements
Lawn Buyback Program
Martis Valley Groundwater Basin Planning & Restoration Study
Regional Landscape Conservation Measures for Lake Tahoe
Aquatic Invasive Species/Watercraft Inspection Program
Bunker Tank
Mountain View Well Ground Water Protections
STPUD Waterline Replacement Projects
Upper Montgomery Booster, Zone Improvements
H-St Zone/Improvements at the Y
Truckee River Operating Agreement – Instream Flow Enhancement
Aquatic Invasive Species (AIS) Prevention- Middle Truckee River Watershed
Southside Well Construction Water Dispensing System
Water Pipeline Replacement Project
Carnelian Woods Tanks Site EIP
Kingswood West Tanks Site EIP
Portable Groundwater Well Discharge Collectors

*Some projects are listed under more than one project category.

Tahoe Sierra IRWM

Please submit by 17 January 2014 to AraceliCazarez@KennedyJenks.com.

Project Template

Please provide information in the tables below:

I. Project Proponent Information

Agency/ Organization	
Name of Primary Contact	
Name of Secondary Contact	
Mailing Address	
E-mail	
Phone (###)###-####	
Other Cooperating Agencies/Organizations/Stakeholders	
Is your agency/organization committed to the project through completion? If not, please explain	

II. General Project Information

Project Title		
Project Category	<input type="checkbox"/> Restoration <input type="checkbox"/> Stormwater/ Flood Control <input type="checkbox"/> Water Supply/ Wastewater	
Project Description (Briefly describe the project, in 300 words or less)		
Project Prioritization:	Total number of projects submitted by your Agency:	
	Agency Prioritization of this project (e.g., 3 of 5)	
Does this project contribute to a larger Project (e.g., TMDL, EIP, Phase 2 of 3) ? If so provide description.		
Political Support – List related MOUs, agreements or TACs currently in place.		
Project Location:		
Latitude:		
Longitude:		
Project Location Description (e.g., along the south bank of stream/river between river miles or miles from Towns/intersection and/or address):		

Tahoe Sierra IRWM

III. Plan Objectives Addressed

For each of the objectives addressed by the project, provide a one to two sentence description of how the project contributes to attaining the objective and how the project will be quantified. If the project does not address any of the draft IRWM plan objectives, provide a one to two sentence description of how the project relates to a challenge or opportunity of the Region (see the bottom of page 4).

Objectives:	Will the project address the objective?	Brief explanation of project linkage to selected Objective	Quantification (e.g. acres of streams/wetlands restored or enhanced)
WQ1 - Meet approved TMDL standards in accordance with the attainment date, and participate in the development of future TMDLs.	<input type="radio"/> Yes <input type="radio"/> N/A		
WQ2 – Reduce pollutant loads by implementing measures such as stormwater LID retrofits, erosion control/ restoration to meet Water Quality Objectives (WQOs) for receiving water bodies established in the Basin Plan within the planning horizon	<input type="radio"/> Yes <input type="radio"/> N/A		
WQ3 - Implement water quality monitoring programs through planning horizon, and coordinate annually throughout the Region.	<input type="radio"/> Yes <input type="radio"/> N/A		
WQ4 - Ensure that drinking water supplied by public water systems continues to meet Federal and State standards.	<input type="radio"/> Yes <input type="radio"/> N/A		
WQ5 - Restore degraded streams, wetlands, riparian and upland areas to re-establish natural water filtering processes.	<input type="radio"/> Yes <input type="radio"/> N/A		
WQ6 -Operate and maintain, build, or replace infrastructure for reliable collection, treatment and disposal of wastewater.	<input type="radio"/> Yes <input type="radio"/> N/A		
WS1 - Provide water supply to meet projected demands for a 20-year planning horizon.	<input type="radio"/> Yes <input type="radio"/> N/A		

Tahoe Sierra IRWM

Objectives:	Will the project address the objective?	Brief explanation of project linkage to selected Objective	Quantification (e.g. acres of streams/wetlands restored or enhanced)
WS2 - Operate and maintain, build, or replace infrastructure to reliably supply water.	<input type="radio"/> Yes <input type="radio"/> N/A		
WS3 - Implement and promote water conservation measures and practices to meet state goals.	<input type="radio"/> Yes <input type="radio"/> N/A		
GWM1 - Maintain and monitor groundwater supply to assure future reliability.	<input type="radio"/> Yes <input type="radio"/> N/A		
GWM2 - Promote groundwater protection activities for high quality groundwater, and advocate for improvements to impacted groundwater quality through public education.	<input type="radio"/> Yes <input type="radio"/> N/A		
GWM3 - Manage groundwater for multiple uses (e.g. municipal/industrial/agricultural supply and environmental use).	<input type="radio"/> Yes <input type="radio"/> N/A		
ER1 - Enhance and restore water bodies, wetlands, riparian areas and associated uplands to support healthy watersheds, viable native fish, wildlife and plant habitats.	<input type="radio"/> Yes <input type="radio"/> N/A		
ER2 - Develop and implement programs to prevent the spread of existing invasive species and colonization of potential future invasive species.	<input type="radio"/> Yes <input type="radio"/> N/A		
ER3 - Implement, in coordination with public and private landowners, activities to manage forest health and wildfire risks.	<input type="radio"/> Yes <input type="radio"/> N/A		

Tahoe Sierra IRWM

Objectives:	Will the project address the objective?	Brief explanation of project linkage to selected Objective	Quantification (e.g. acres of streams/wetlands restored or enhanced)
ER4 - Minimize ecosystem impacts caused by existing and new development.	<input type="radio"/> Yes <input type="radio"/> N/A		
IWM1 - Conduct local and regional water-related planning activities within the planning horizon as supported by current and future watershed science.	<input type="radio"/> Yes <input type="radio"/> N/A		
IWM2 - Ensure collaboration among multiple jurisdictions within the Region for information exchange.	<input type="radio"/> Yes <input type="radio"/> N/A		
IWM3 - Increase public education and awareness of watershed functions, protection and restoration needs to encourage stewardship by the public.	<input type="radio"/> Yes <input type="radio"/> N/A		
IWM4 - Promote activities that reduce flood risk.	<input type="radio"/> Yes <input type="radio"/> N/A		
IWM5 - Address climate change (e.g. water quality, water supply, groundwater recharge, flood management) in local and regional planning efforts and support efforts to continue improving the science.	<input type="radio"/> Yes <input type="radio"/> N/A		
IWM6 - Monitor water storage, release and exchange activities in order to improve coordination with regional planning.	<input type="radio"/> Yes <input type="radio"/> N/A		

If no objectives are addressed; describe how the project relates to a challenge or opportunity of the Region:

Tahoe Sierra IRWM

Project Impacts and Benefits

Please provide a summary of the expected project benefits and impacts in the table below or check N/A if not applicable; **do not leave a blank cell.**

If applicable describe benefits or impacts of the project with respect to:		
a. Native American Tribal Community considerations.	<input type="checkbox"/> N/A	
b. Disadvantaged Community considerations ¹ .	<input type="checkbox"/> N/A	
c. Environmental Justice ² considerations.	<input type="checkbox"/> N/A	
d. Assist the Region in adapting to effects of climate change ³ .	<input type="checkbox"/> N/A	
e. Generation or reduction of greenhouse gas emissions (e.g. green technology).	<input type="checkbox"/> N/A	
f. Other expected impacts or benefits that are not already mentioned elsewhere.	<input type="checkbox"/> N/A	

1. A Disadvantaged Community is defined as a community with an annual median household (MHI) income that is less than 80 percent of the Statewide annual MHI. A map has been provided with the Project Template Instruction for reference.

2. Environmental Justice is defined as the fair treatment of people of all races, cultures, and incomes with respect to the development, adoption, implementation and enforcement of environmental laws, regulations and policies. An example of environmental justice benefit would be to improve conditions (e.g. water supply, flooding, sanitation) in an area of racial minorities

3. Climate change effects are likely to include increased flooding, extended drought, and associated secondary effects such as increased wildfire risk, erosion, and sedimentation.

IV. Resource Management Strategies (RMS)

For each resource management strategy employed by the project, provide a one to two sentence description in the table below of how the project incorporates the strategy. A description of the Resource Management Strategies can be found in Volume 2 of the 2009 California Water Plan here: <http://www.waterplan.water.ca.gov/cwpu2009/index.cfm>

Resource Management Strategy	Will the Project incorporate RMS?	Description, of how RMS to be employed if applicable
Reduce Water Demand		
Agricultural Water Use Efficiency	<input type="radio"/> Yes <input type="radio"/> No	
Urban Water Use Efficiency	<input type="radio"/> Yes <input type="radio"/> No	
Improve Operational Efficiency and Transfers		
Conveyance - Regional / local	<input type="radio"/> Yes <input type="radio"/> No	
System Reoperation	<input type="radio"/> Yes <input type="radio"/> No	
Water Transfers	<input type="radio"/> Yes <input type="radio"/> No	

Tahoe Sierra IRWM

Resource Management Strategy	Will the Project incorporate RMS?	Description, of how RMS to be employed if applicable
Increase Water Supply		
Conjunctive Management & Groundwater	<input type="radio"/> Yes <input type="radio"/> No	
Desalination	<input type="radio"/> Yes <input type="radio"/> No	
Precipitation Enhancement	<input type="radio"/> Yes <input type="radio"/> No	
Recycled Municipal Water	<input type="radio"/> Yes <input type="radio"/> No	
Surface Storage -- Regional / Local	<input type="radio"/> Yes <input type="radio"/> No	
Improve Water Quality		
Drinking Water Treatment and Distribution	<input type="radio"/> Yes <input type="radio"/> No	
Groundwater and Aquifer Remediation	<input type="radio"/> Yes <input type="radio"/> No	
Matching Water Quality to Use	<input type="radio"/> Yes <input type="radio"/> No	
Pollution Prevention	<input type="radio"/> Yes <input type="radio"/> No	
Salt and Salinity Management	<input type="radio"/> Yes <input type="radio"/> No	
Urban Runoff Management	<input type="radio"/> Yes <input type="radio"/> No	
Practice Resources Stewardship		
Agricultural Lands Stewardship	<input type="radio"/> Yes <input type="radio"/> No	
Economic Incentives (Loans, Grants, and Water Pricing)	<input type="radio"/> Yes <input type="radio"/> No	
Ecosystem Restoration	<input type="radio"/> Yes <input type="radio"/> No	
Forest Management	<input type="radio"/> Yes <input type="radio"/> No	
Land Use Planning and Management	<input type="radio"/> Yes <input type="radio"/> No	
Recharge Areas Protection	<input type="radio"/> Yes <input type="radio"/> No	
Water-dependent Recreation	<input type="radio"/> Yes <input type="radio"/> No	
Watershed Management	<input type="radio"/> Yes <input type="radio"/> No	
Improve Flood Management		
Flood Risk Management	<input type="radio"/> Yes <input type="radio"/> No	

Note: The following RMS have been omitted from the list: Conveyance-Delta and Surface Storage – CALFED.

Other RMS addressed and explanation:

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V. **Project Cost and Financing** - Please provide any estimates of project cost, sources of funding, and operation and maintenance costs, as well as, the source of the project cost in the table below.

a. Project Costs	Requested Grant Amount	Cost Share: Non-State Fund Source (Local/Federal Funding Match)	Cost Share: Other State Fund Source	Total Cost
1. Capital (2013 Dollars)		\$ OR <input type="checkbox"/> DAC		
2. Annual Operations and Maintenance (O&M)				
b. Can the Project be phased?	<input type="radio"/> Yes <input type="radio"/> No			
1. If so provide cost breakdown by phase(s)	Project Cost	O&M Cost	Description of Phase	
Phase 1				
Phase 2				
Phase 3				
Phase 4				
c. List secured source(s) of funding for Project cost	Source(s)		Amount	
d. List proposed source(s) of unsecured funding and certainty of the sources for Project cost.				
e. Explain how operation and maintenance costs will be financed for the 25-year planning period for project implementation (not grant funded).				
f. Basis for project cost¹ (e.g. conceptual, planning, bid, etc.)				
g. Has a Cost/Benefit analysis been completed?	<input type="radio"/> Yes <input type="radio"/> No			
h. Please describe what impact there may be if the project is not funded. (300 words or less)				

1. For the grant application a detailed project cost estimate will need to be provided with the following cost categories; per the IRWM PSP for Round 2, Implementation Grants: Direct Project Administration, Land Purchase/Easement, Planning/Design/Engineering/Environmental Documentation, Construction/Implementation, Environmental Compliance/Mitigation/Enhancement, Construction Administration, Other Costs, and Construction/Implementation Contingency.

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VI. **Project Status and Schedule** -Please provide a status of the project, level of completion as well as a description of the activities planned for each project stage. If unknown enter **TBD**.

Project Stage	Check the Current Project Stage	Completed?	Description of Activities in Each Project Stage	Planned/Actual Start Date (mm/yr)	Planned/Actual Completion Date (mm/yr)
a. Assessment and Evaluation	<input type="checkbox"/>	<input type="radio"/> Yes <input type="radio"/> No <input type="radio"/> N/A			
b. Final Design	<input type="checkbox"/>	<input type="radio"/> Yes <input type="radio"/> No <input type="radio"/> N/A			
c. Environmental Documentation (CEQA/NEPA)	<input type="checkbox"/>	<input type="radio"/> Yes <input type="radio"/> No <input type="radio"/> N/A			
d. Permitting	<input type="checkbox"/>	<input type="radio"/> Yes <input type="radio"/> No <input type="radio"/> N/A			
e. Construction Contracting	<input type="checkbox"/>	<input type="radio"/> Yes <input type="radio"/> No <input type="radio"/> N/A			
f. Construction Implementation	<input type="checkbox"/>	<input type="radio"/> Yes <input type="radio"/> No <input type="radio"/> N/A			

Provide explanation if more than one project stage is checked as current status	
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VIII. Project Technical Feasibility

Please provide any related documents (date, title, author, and page numbers) that describe and confirm the technical feasibility of the project.

a. List the adopted planning documents the proposed project is consistent with or supported by (e.g. General Plans, UWMPs, GWMPs, Water Master Plans, Habitat Conservation Plans, TMDLs, Basin Plans, etc.)	
b. List technical reports and studies supporting the feasibility of this project	
c. Concisely describe the scientific basis (e.g. how much research has been conducted) of the proposed project in 300 words or less.	
d. Does the project implement green technology (e.g. alternate forms of energy, recycled materials, LID techniques, etc.)	<input type="radio"/> Yes <input type="radio"/> No <input type="radio"/> N/A
1. If so please describe	
e. If you are an Urban Water Supplier¹:	
1. Have you completed an Urban Water Management Plan and submitted to DWR?	<input type="radio"/> Yes <input type="radio"/> No <input type="radio"/> N/A
2. Are you in compliance with AB1420?	<input type="radio"/> Yes <input type="radio"/> No <input type="radio"/> N/A
3. Do you comply with the water meter requirements (CWC §525)	<input type="radio"/> Yes <input type="radio"/> No <input type="radio"/> N/A
4. If the answer to any of the questions above is "no", do you intend to comply prior to receiving project funding	<input type="radio"/> Yes <input type="radio"/> No <input type="radio"/> N/A
	Provide Explanation if necessary:
f. If you are an Agricultural Water Supplier²:	
1. Have you completed and submitted an AWMP (due 12/31/12)?	<input type="radio"/> Yes <input type="radio"/> No <input type="radio"/> N/A
2. If not, will you complete and submit an AWMP prior to receiving project funding?	<input type="radio"/> Yes <input type="radio"/> No <input type="radio"/> N/A
	Provide Explanation if necessary:
g. If the project is related to groundwater:	
1. Has a GWMP been completed and submitted for the subject basin?	<input type="radio"/> Yes <input type="radio"/> No <input type="radio"/> N/A
2. If not will a GWMP be completed within 1 year of the grant submittal date?	<input type="radio"/> Yes <input type="radio"/> No <input checked="" type="radio"/> N/A

1. Urban Water Supplier is defined as a supplier, either publicly or privately owned, providing water for municipal purposes either directly or indirectly to more than 3,000 customers or supplying more than 3,000 acre-feet of water annually.

2. Agricultural Water Supplier is defined as a water supplier, either publicly or privately owned, providing water to 10,000 or more irrigated acres, excluding the acreage that receives recycled water.

ATTACHMENT 2

TEMPLATE LANGUAGE FOR PARTNER ORGANIZATION/DISCHARGER AGREEMENTS

This document shall serve as a Memorandum of Understanding by and between PARTNER ORGANIZATION (XXX) and DISCHARGER (XXX) for the Supplemental Environmental Project (SEP) authorized by California Regional Water Quality Control Board, Lahontan Region (Lahontan Water Board) Order No. R6-xxxx-xxx (the Order) and described in detail therein (the Project).

1. Pursuant to the terms of the Settlement Agreement and Stipulation for Entry of Administrative Civil Liability Order entered into between the Lahontan Water Board Prosecution Team and DISCHARGER, DISCHARGER agrees to donate, and PARTNER ORGANIZATION commits to receive funding in the amount of \$xxx,xxx (Funding) to be utilized for implementation of the Project.
2. As a condition to the donation, PARTNER ORGANIZATION agrees as follows:
 - a. To serve as the Implementing Party for the Project, as detailed in the Order;
 - b. To cooperate with DISCHARGER to meet the SEP requirements set forth in the Order, the terms of which are attached hereto as Exhibit X;
 - c. To return to DISCHARGER any unexpended portion of the Funding to the extent not spent on the Project.
3. PARTNER ORGANIZATION agrees that should it publicize the Project it shall state in a prominent manner that the Project is being funded as part of a settlement of an enforcement action by the Lahontan Water Board against DISCHARGER.
4. This MOU and the parties' relations shall be construed and governed by the laws of the State of California without regard to conflict-of-laws rules or principles.
5. Nothing contained in this MOU shall at any time constitute, be deemed to constitute or be construed to create a relationship among DISCHARGER and PARTNER ORGANIZATION of partnership, joint venture, agency, or any other relationship creating fiduciary, quasi-fiduciary or similar duties and obligation, or that would otherwise subject DISCHARGER and PARTNER ORGANIZATION to joint and several or vicarious liability in favor of any third party.
6. PARTNER ORGANIZATION acknowledges that the Funding is the full extent of DISCHARGER's obligation hereunder and that PARTNER ORGANIZATION is responsible for securing sufficient other resources as may be needed to complete the Project in accordance with the Order in the event the Project cannot be completed with the amount of Funding being provided by DISCHARGER.

7. This MOU may be executed in one or more counterparts, each of which shall be deemed to be an original and all of which, when taken together, shall be deemed to constitute one and the same instrument.

(SIGNATURE BLOCKS FOR PARTNER ORGANIZATION AND DISCHARGER)