

# Tahoe Sierra IRWM

## Project Template

Please provide information in the tables below:

### I. Project Proponent Information

<b>Agency/ Organization</b>	Town of Truckee
<b>Name of Primary Contact</b>	Becky Bucar
<b>Name of Secondary Contact</b>	Todd Landry
<b>Mailing Address</b>	10183 Truckee Airport Road, Truckee, CA 96161
<b>E-mail</b>	bbucar@townoftruckee.com
<b>Phone (###)###-####</b>	530-58-2932
<b>Other Cooperating Agencies/Organizations/Stakeholders</b>	US Forest Service, Placer County, California Department of Fish and Wildlife
<b>Is your agency/organization committed to the project through completion? If not, please explain</b>	Yes

### II. General Project Information

<b>Project Title</b>	Truckee River Legacy Trail	
<b>Project Category</b>	<input type="checkbox"/> <b>Water Supply/Wastewater</b> <input type="checkbox"/> <b>Restoration</b> <input checked="" type="checkbox"/> <b>Storm Water/Flood Control</b>	
<b>Project Description (Briefly describe the project, in 300 words or less)</b>	<p>The Truckee River Legacy Trail will connect Donner Lake to the Glenshire Subdivision in the eastern side of Truckee. Four phases of the trail are complete (Phase 1, 2, 3A and 3B). Phase 4 is in the preliminary planning and design stages and is the final phase the Town will construct. The project provides increased opportunity for tourism and recreation. It also protects conserves and restores physical, cultural, archaeological, historical and living resources, assists the local economy, and enhances public use and enjoyment of lands owned by the public.</p>	
<b>Project Prioritization:</b>	<b>Total number of projects submitted by your Agency:</b>	<b>8</b>
	<b>Agency Prioritization of this project (e.g., 3 of 5)</b>	<b>2</b>
<b>Does this project contribute to a larger Project (e.g., TMDL, EIP, Phase 2 of 3) ? If so provide description.</b>	Phases 1 through 3B are complete. Phase 4 is the next phase.	
<b>Political Support – List related MOUs, agreements or TACs currently in place.</b>		
<b>Project Location:</b>		
<b>Latitude:</b>	39.32496	
<b>Longitude:</b>	-120.18730	
<b>Project Location Description (e.g., along the south bank of stream/river between river miles or miles from</b>	Along the south side of the Truckee River between Brockway Road and SR 89	

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<b>Towns/intersection and/or address):</b>	
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### 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).

<b>Objectives:</b>	<b>Will the project address the objective?</b>	<b>Brief explanation of project linkage to selected Objective</b>	<b>Quantification</b> <small>(e.g. acres of streams/wetlands restored or enhanced)</small>
WQ1 - Meet approved TMDL standards in accordance with the attainment date, and participate in the development of future TMDLs.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> 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="checkbox"/> Yes <input checked="" type="checkbox"/> N/A		
WQ3 - Implement water quality monitoring programs through planning horizon, and coordinate annually throughout the Region.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> N/A		
WQ4 - Ensure that drinking water supplied by public water systems continues to meet Federal and State standards.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> N/A		
WQ5 - Restore degraded streams, wetlands, riparian and upland areas to re-establish natural water filtering processes.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> N/A		
WQ6 -Operate and maintain, build, or replace infrastructure for reliable collection, treatment and disposal of wastewater.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> N/A		

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<b>Objectives:</b>	<b>Will the project address the objective?</b>	<b>Brief explanation of project linkage to selected Objective</b>	<b>Quantification</b> (e.g. acres of streams/wetlands restored or enhanced)
WS1 - Provide water supply to meet projected demands for a 20-year planning horizon.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> N/A		
WS2 - Operate and maintain, build, or replace infrastructure to reliably supply water.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> N/A		
WS3 - Implement and promote water conservation measures and practices to meet state goals.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> N/A		
GWM1 - Maintain and monitor groundwater supply to assure future reliability.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> N/A		
GWM2 - Promote groundwater protection activities for high quality groundwater, and advocate for improvements to impacted groundwater quality through public education.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> N/A		
GWM3 - Manage groundwater for multiple uses (e.g. municipal/industrial/agricultural supply and environmental use).	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> 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="checkbox"/> Yes <input checked="" type="checkbox"/> N/A		
ER2 - Develop and implement programs to prevent the spread of existing invasive species and colonization of potential future invasive species.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> N/A		

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<b>Objectives:</b>	<b>Will the project address the objective?</b>	<b>Brief explanation of project linkage to selected Objective</b>	<b>Quantification</b> (e.g. acres of streams/wetlands restored or enhanced)
ER3 - Implement, in coordination with public and private landowners, activities to manage forest health and wildfire risks.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> N/A		
ER4 - Minimize ecosystem impacts caused by existing and new development.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> N/A	Project will include BMPs and Erosion Control measures.	Number of BMPs and Erosion Control Measures installed.
IWM1 - Conduct local and regional water-related planning activities within the planning horizon as supported by current and future watershed science.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> N/A		
IWM2 - Ensure collaboration among multiple jurisdictions within the Region for information exchange.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> N/A	The project will require coordination with Placer County to connections to their planned trail along the Truckee River. Phase 4 will require coordination between California Department of Fish and Wildlife, the US Forest Service, and the Town of Truckee.	Meet twice a year.
IWM3 - Increase public education and awareness of watershed functions, protection and restoration needs to encourage stewardship by the public.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> N/A	The project will build a trail adjacent to the Truckee River. Interpretive signage will be used to educate the public about the Truckee River water quality issues as well as biological and historical resources along the river.	Number of interpretive signs and number of public meetings.
IWM4 - Promote activities that reduce flood risk.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> N/A		

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<b>Objectives:</b>	<b>Will the project address the objective?</b>	<b>Brief explanation of project linkage to selected Objective</b>	<b>Quantification</b> (e.g. acres of streams/wetlands restored or enhanced)
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="checkbox"/> Yes <input checked="" type="checkbox"/> N/A		
IWM6 - Monitor water storage, release and exchange activities in order to improve coordination with regional planning.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> N/A		

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

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### 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:		
<b>a. Native American Tribal Community considerations.</b>	<input type="checkbox"/> N/A	The trail provides opportunities to interpret Native American sites.
<b>b. Disadvantaged Community considerations<sup>1</sup>.</b>	<input type="checkbox"/> N/A	According to the map, the trail will serve disadvantaged communities along SR 89.
<b>c. Environmental Justice<sup>2</sup> considerations.</b>	<input checked="" type="checkbox"/> N/A	
<b>d. Assist the Region in adapting to effects of climate change<sup>3</sup>.</b>	<input type="checkbox"/> N/A	Project will provide alternative transportation modes to the community.
<b>e. Generation or reduction of greenhouse gas emissions (e.g. green technology).</b>	<input type="checkbox"/> N/A	Project will provide alternative transportation modes to the community.
<b>f. Other expected impacts or benefits that are not already mentioned elsewhere.</b>	<input type="checkbox"/> N/A	Provides recreational opportunities along the Truckee River.

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
<b>Reduce Water Demand</b>		
Agricultural Water Use Efficiency	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Urban Water Use Efficiency	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
<b>Improve Operational Efficiency and Transfers</b>		
Conveyance - Regional / local	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
System Reoperation	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Water Transfers	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	

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

<b>a. Project Costs</b>	<b>Requested Grant Amount</b>	<b>Cost Share: Non-State Fund Source (Local/Federal Funding Match)</b>	<b>Cost Share: Other State Fund Source</b>	<b>Total Cost</b>
1. Capital (2013 Dollars)	\$4,000,000	\$ OR <input type="checkbox"/> DAC		\$4,000,000
2. Annual Operations and Maintenance (O&M)		\$30,000		\$30,000
<b>b. Can the Project be phased?</b>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No			
<b>1. If so provide cost breakdown by phase(s)</b>	<b>Project Cost</b>	<b>O&amp;M Cost</b>	<b>Description of Phase</b>	
Phase 1	\$2,000,000	\$15,000	Brockway Road to Truckee River Crossing.	
Phase 2	\$2,000,000	\$15,000	Truckee River Crossing to West River Street.	
Phase 3				
Phase 4				
<b>c. List secured source(s) of funding for Project cost</b>		<b>Source(s)</b>	<b>Amount</b>	
<b>d. List proposed source(s) of unsecured funding and certainty of the sources for Project cost.</b>		Various grants-uncertain		
<b>e. Explain how operation and maintenance costs will be financed for the 25-year planning period for project implementation (not grant funded).</b>		Will be programmed in Town of Truckee annual operational and Capital Improvement budget.		
<b>f. Basis for project cost<sup>1</sup> (e.g. conceptual, planning, bid, etc.)</b>		Conceptual		
<b>g. Has a Cost/Benefit analysis been completed?</b>		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
<b>h. Please describe what impact there may be if the project is not funded. (300 words or less)</b>		Project will not be constructed.		

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	x	xYes <input type="checkbox"/> No <input type="checkbox"/> N/A			
b. Final Design	<input type="checkbox"/>	<input type="checkbox"/> Yes    xNo <input type="checkbox"/> N/A			
c. Environmental Documentation (CEQA/NEPA)	<input type="checkbox"/>	<input type="checkbox"/> Yes    xNo <input type="checkbox"/> N/A			
d. Permitting	<input type="checkbox"/>	<input type="checkbox"/> Yes    xNo <input type="checkbox"/> N/A			
e. Construction Contracting	<input type="checkbox"/>	<input type="checkbox"/> Yes    xNo <input type="checkbox"/> N/A			
f. Construction Implementation	<input type="checkbox"/>	<input type="checkbox"/> Yes    xNo <input type="checkbox"/> 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.

<p><b>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></p>	<p>Truckee Trails and Bikeways Master Plan.</p>
<p><b>b. List technical reports and studies supporting the feasibility of this project</b></p>	<p>A wetland delineation, listed and sensitive species assessment, historic properties report, and conceptual alignment have been completed for the project.</p>
<p><b>c. Concisely describe the scientific basis (e.g. how much research has been conducted) of the proposed project in 300 words or less.</b></p>	
<p><b>d. Does the project implement green technology (e.g. alternate forms of energy, recycled materials, LID techniques, etc.)</b></p>	<p>xYes    <input type="checkbox"/> No    <input type="checkbox"/> N/A</p>
<p><b>1. If so please describe</b></p>	<p>Potentially recycled material in pavement.</p>
<p><b>e. If you are an Urban Water Supplier<sup>1</sup>:</b></p>	
<p><b>1. Have you completed an Urban Water Management Plan and submitted to DWR?</b></p>	<p><input type="checkbox"/> Yes    <input type="checkbox"/> No    xN/A</p>
<p><b>2. Are you in compliance with AB1420?</b></p>	<p><input type="checkbox"/> Yes    <input type="checkbox"/> No    xN/A</p>
<p><b>3. Do you comply with the water meter requirements (CWC §525)</b></p>	<p><input type="checkbox"/> Yes    <input type="checkbox"/> No    xN/A</p>
<p><b>4. If the answer to any of the questions above is “no”, do you intend to comply prior to receiving project funding</b></p>	<p><input type="checkbox"/> Yes    <input type="checkbox"/> No    xN/A</p>
<p>Provide Explanation if necessary:</p>	
<p><b>f. If you are an Agricultural Water Supplier<sup>2</sup>:</b></p>	
<p><b>1. Have you completed and submitted an AWMP (due 12/31/12)?</b></p>	<p><input type="checkbox"/> Yes    <input type="checkbox"/> No    xN/A</p>
<p><b>2. If not, will you complete and submit an AWMP prior to receiving project funding?</b></p>	<p><input type="checkbox"/> Yes    <input type="checkbox"/> No    xN/A</p>
<p>Provide Explanation if necessary:</p>	
<p><b>g. If the project is related to groundwater:</b></p>	
<p><b>1. Has a GWMP been completed and submitted for the subject basin?</b></p>	<p><input type="checkbox"/> Yes    <input type="checkbox"/> No    xN/A</p>
<p><b>2. If not will a GWMP be completed within 1 year of the grant submittal date?</b></p>	<p><input type="checkbox"/> Yes    <input type="checkbox"/> No    <input checked="" type="checkbox"/> N/A</p>

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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.