Project Template

Please provide information in the tables below:

I. Project Proponent Information

Agency/ Organization	Town of Truckee
Name of Primary Contact	Dan Olsen
Name of Secondary Contact	Adam McGill
Mailing Address	10183 Truckee Airport Road Truckee, CA 96161
E-mail	dolsen@townoftruckee.com
Phone (###)###-####	(530) 582-2920
Other Cooperating Agencies/Organizations/Stakeholders	Tahoe Resource Conservation District, Truckee River Watershed Council, Truckee Donner Parks and Recreation District
Is your agency/organization committed to the project through completion? If not, please explain	Yes

II. General Project Information

Project Title	Aquatic Invasive Species/Watercraft Inspection Program	
Project Category	☑ **Water Supply/Wastewater** ☑ **Restoration** ☐ **Storm Water/Flood Control**	
Project Description (Briefly describe the project, in 300 words or less)	Aquatic Invasive Species (AIS) program within Truckee which includes a mandatory inspection program for motorized vessels, implementation of sticker program, education and outreach at key locations for non-motorized vehicles and recreational uses, partnerships with Tahoe Resource Conservation District and Truckee Donner Recreation and Parks District. The program is modeled after the program currently implemented in the Lake Tahoe basin.	
Project Prioritization:	**Total number of projects submitted by your Agency:**	**8**
	Agency Prioritization of this project (e.g., 3 of 5)	**5**
Does this project contribute to a larger Project (e.g., TMDL, EIP, Phase 2 of 3) ? If so provide description.	Yes. Lake Tahoe AIS Coordination Committee and the Lake Tahoe Regional AIS Management Plan	
Political Support – List related MOUs, agreements or TACs currently in place.	Agreement with Tahoe Resource Conservation District to provide watercraft inspections.	
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):	Mandatory watercraft inspection ordinance covers all water bodies within the Truckee Town limits, but is mostly focused on Donner Lake.	

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.	☐ Yes ☑ 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.	☐ Yes ☑ N/A		
WQ3 - Implement water quality monitoring programs through planning horizon, and coordinate annually throughout the Region.	☐ Yes ☑ N/A		
WQ4 - Ensure that drinking water supplied by public water systems continues to meet Federal and State standards.	☐ Yes ☑ N/A		
WQ5 - Restore degraded streams, wetlands, riparian and upland areas to re-establish natural water filtering processes.	☐ Yes ☑ N/A		
WQ6 -Operate and maintain, build, or replace infrastructure for reliable collection, treatment and disposal of wastewater.	☐ Yes ☑ N/A		
WS1 - Provide water supply to meet projected demands for a 20-year planning horizon.	☐ Yes ☑ N/A		

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.	☐ Yes ☑ N/A		
WS3 - Implement and promote water conservation measures and practices to meet state goals.	☐ Yes ☑ N/A		
GWM1 - Maintain and monitor groundwater supply to assure future reliability.	☐ Yes ☑ N/A		
GWM2 - Promote groundwater protection activities for high quality groundwater, and advocate for improvements to impacted groundwater quality through public education.	☐ Yes ☑ N/A		
GWM3 - Manage groundwater for multiple uses (e.g. municipal/industrial/agricultural supply and environmental use).	☐ Yes ☑ 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.	☑ Yes ☐ N/A	The introduction or establishment of aquatic invasive species is damaging to the native environment. Established communities of AIS can cause considerable damage to water quality, water supply, recreation, and native species habitat and diversity which affects the economic and ecological health of the region and watershed. Prevention of the introduction and establishment of these species will help enhance and restore the watershed.	measurement of areas where species are removed and restored with native species

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)
ER2 - Develop and implement programs to prevent the spread of existing invasive species and colonization of potential future invasive species.	☑ Yes ☐ N/A	Prevention of the introduction or establishment of aquatic invasive species is damaging to the native environment. Established communities of AIS can cause considerable damage to water quality, water supply, recreation, and native species habitat and diversity which affects the economic and ecological health of the watershed	The number of boats decontaminated is measured. Education and outreach programs developed.
ER3 - Implement, in coordination with public and private landowners, activities to manage forest health and wildfire risks.	☐ Yes ☑ N/A		
ER4 - Minimize ecosystem impacts caused by existing and new development.	☐ Yes ☑ N/A		
IWM1 - Conduct local and regional water-related planning activities within the planning horizon as supported by current and future watershed science.	☑ Yes ☐ N/A	The implementation of the AIS program requires the coordination with adjacent programs and agencies	
IWM2 - Ensure collaboration among multiple jurisdictions within the Region for information exchange.	☑ Yes ☐ N/A	The implementation of the AIS program requires the coordination with adjacent programs and agencies	Inter-agency agreements and coordination
IWM3 - Increase public education and awareness of watershed functions, protection and restoration needs to encourage stewardship by the public.	☑ Yes ☐ N/A	Project includes project outreach and education effort including signs, handout materials, and a watercraft inspection program	Number of outreach events, publications distributed, boats inspected.

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)
IWM4 - Promote activities that reduce flood risk.	☐ Yes ☑ 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.	☐ Yes ☑ N/A		
IWM6 - Monitor water storage, release and exchange activities in order to improve coordination with regional planning.	☐ Yes ☑ N/A		

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

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.	☐ N/A	The Truckee River terminates in Pyramid Lake, located within the Pyramid Lake Paiute Tribe Reservation. Prevention of aquatic species in the upper watershed will benefit the downstream community.
b. Disadvantaged Community considerations[1].	☑ N/A	
c. Environmental Justice [2] considerations.	☑ N/A	
d. Assist the Region in adapting to effects of climate change[3].	☑ N/A	
e. Generation or reduction of greenhouse gas emissions (e.g. green technology).	☑ N/A	
f. Other expected impacts or benefits that are not already mentioned elsewhere.	☑ 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	☐ Yes ☑ No	
Urban Water Use Efficiency	☐ Yes ☑ No	
Improve Operational Efficiency and Transfers		
Conveyance - Regional / local	☐ Yes ☑ No	
System Reoperation	☐ Yes ☑ No	

Resource Management Strategy	Will the Project incorporate RMS?	Description, of how RMS to be employed if applicable
Water Transfers	☐ Yes ☑ No	
Increase Water Supply		
Conjunctive Management & Groundwater	☐ Yes ☑ No	
Desalination	☐ Yes ☑ No	
Precipitation Enhancement	☐ Yes ☑ No	
Recycled Municipal Water	☐ Yes ☑ No	
Surface Storage -- Regional / Local	☐ Yes ☑ No	
Improve Water Quality		
Drinking Water Treatment and Distribution	☐ Yes ☑ No	
Groundwater and Aquifer Remediation	☐ Yes ☑ No	
Matching Water Quality to Use	☐ Yes ☑ No	
Pollution Prevention	☑ Yes ☐ No	Project prevents the introduction of invasive species which degrade water quality and benefits.
Salt and Salinity Management	☐ Yes ☑ No	
Urban Runoff Management	☐ Yes ☑ No	
Practice Resources Stewardship		
Agricultural Lands Stewardship	☐ Yes ☑ No	
Economic Incentives (Loans, Grants, and Water Pricing)	☑ Yes ☐ No	This program prevents the establishment of AIS which has potential to degrade the environment, reducing the economic health of the community. Maintaining a healthy environment helps maintain a healthy tourist economy.
Ecosystem Restoration	☑ Yes ☐ No	This program prevents the establishment of AIS which has potential to degrade the environment, reducing the economic health of the community. Maintaining a healthy environment helps maintain a healthy tourist economy.
Forest Management	☐ Yes ☑ No	
Land Use Planning and Management	☐ Yes ☑ No	
Recharge Areas Protection	☐ Yes ☑ No	
Water-dependent Recreation	☑ Yes ☐ No	This program prevents the establishment of AIS which has potential to degrade the environment, reducing the economic health of the community. Maintaining a healthy

Resource Management Strategy	Will the Project incorporate RMS?	Description, of how RMS to be employed if applicable
		environment helps maintain a healthy tourist economy.
Watershed Management	☑ Yes ☐ No	This program prevents the establishment of AIS which has potential to degrade the environment, reducing the economic health of the community. Maintaining a healthy environment helps maintain a healthy tourist economy.
Improve Flood Management		
Flood Risk Management	☐ Yes ☑ No	

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

Other RMS addressed and explanation:

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)	1000000	$ OR ☐ DAC		1,000,000
2. Annual Operations and Maintenance (O&M)		$45,000		$45,000
b. Can the Project be phased?	☐ Yes	☑ No		
1. If so provide cost breakdown by phase(s)	Project Cost	O&M Cost	Description of Phase	
Phase 1			Mandatory Inspection and certification of watercraft	
Phase 2			Education and outreach material and signs	
Phase 3			AIS eradication programs	
Phase 4				
c. List secured source(s) of funding for Project cost		Source(s)	Amount	
		Some funding is generated by the boat inspection and decontamination fees	$25,000 annually	
d. List proposed source(s) of unsecured funding and certainty of the sources for Project cost.		General Fund		
e. Explain how operation and maintenance costs will be financed for the 25-year planning period for project implementation (not grant funded).		Maintenance will continue to be performed by Town of Truckee Public Works/ Street Maintenance Division Staff (funded through local funds) for signs. Continued implementation of the inspection program will be funded by the inspection and permit fees.		
f. Basis for project cost[1] (e.g. conceptual, planning, bid, etc.)		Existing program at Lake Tahoe		
g. Has a Cost/Benefit analysis been completed?		☐ Yes ☑ No		
h. Please describe what impact there may be if the project is not funded. (300 words or less)		Watercraft inspections would be suspended. Establishment of AIS in the area will degrade the environment and have a detrimental economic impact on the tourist based economy and surface water supply.		

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.

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	☐	☐ Yes ☐ No ☐ N/A	Truckee Regional AIS Prevention Program AIS Vulnerability Study		10/28/2013
b. Final Design	☐	☐ Yes ☐ No ☐ N/A	N/A		
c. Environmental Documentation (CEQA/NEPA)	☐	☐ Yes ☐ No ☐ N/A	N/A		
d. Permitting	☐	☐ Yes ☐ No ☐ N/A	N/A		
e. Construction Contracting	☐	☐ Yes ☐ No ☐ N/A	Installation of gate at Donner Lake Public Boat Ramp		Spring 2016
f. Construction Implementation	☐	☐ Yes ☐ No ☐ N/A	Installation of gate at Donner Lake Public Boat Ramp		Summer 2016

Provide explanation if more than one project stage is checked as current status	

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.)	Truckee Regional AIS Prevention Program AIS Vulnerability Study, Town of Truckee Municipal Code Title 14 Aquatic Invasive Species
b. List technical reports and studies supporting the feasibility of this project	Truckee Regional AIS Prevention Program AIS Vulnerability Study
c. Concisely describe the scientific basis (e.g. how much research has been conducted) of the proposed project in 300 words or less.	Monitoring of the water at Donner Lake has been conducted by University of Nevada Reno. Results are pending
d. Does the project implement green technology (e.g. alternate forms of energy, recycled materials, LID techniques, etc.)	☐ Yes ☐ No ☐ N/A
1. If so please describe	
e. If you are an Urban Water Supplier[1]:	
1. Have you completed an Urban Water Management Plan and submitted to DWR?	☐ Yes ☐ No ☐ N/A
2. Are you in compliance with AB1420?	☐ Yes ☐ No ☐ N/A
3. Do you comply with the water meter requirements (CWC §525)	☐ Yes ☐ No ☐ N/A
4. If the answer to any of the questions above is "no", do you intend to comply prior to receiving project funding	☐ Yes ☐ No ☐ N/A Provide Explanation if necessary:
f. If you are an Agricultural Water Supplier[2]:	
1. Have you completed and submitted an AWMP (due 12/31/12)?	☐ Yes ☐ No ☐ N/A
2. If not, will you complete and submit an AWMP prior to receiving project funding?	☐ Yes ☐ No ☐ 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?	☐ Yes ☐ No ☐ N/A

2. If not will a GWMP be completed within 1 year of the grant submittal date?	☐ Yes ☐ No ☑ 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.