

## **Project Template Instructions**

Please complete this Project Template in its entirety for each project to be considered for inclusion in the IRWM Plan. Completion of this form is for inclusion of the IRWM Plan; it is **NOT** a grant application.

Projects submitted for consideration shall be received no later than **17 January 2014** to [AraceliCazarez@kennedyjenks.com](mailto:AraceliCazarez@kennedyjenks.com). The form is intended to be filled out electronically using Adobe Acrobat. Please note comment fields are not limited; text is preserved even if it does not appear on the form. Your responses will be used to rank your project based on the scoring criteria provided on page 4.

For questions or assistance in completing the form contact Araceli Cazarez at [AraceliCazarez@kennedyjenks.com](mailto:AraceliCazarez@kennedyjenks.com).

The following is the anticipated schedule for Round 3 Implementation Grant. This is provided for information only.

<b>Activities</b>	<b>Target Date</b>
Release Draft Program Guidelines and PSP	Summer 2014
Release Final Program Guidelines and PSP	Fall 2014
Applications Due	Winter 2014/2015
Announce Draft Recommendations for Public Review and Comment	Spring 2015
Announce Final Awards	Summer 2015

### Section I. Project Proponent Information

Please fill in all requested fields.

### Section II. General Project Information

- Internal Project Prioritization - If more than one project will be submitted by your agency/organization please prioritize each one with the most important being 1.
- Project Location (Latitude and Longitude) – Can be approximated using Google Earth.
- Project Location Description – Please include as much detail as possible.

### Section III. Plan Goals/Objectives Addressed

For each plan objective addressed it is important to provide a quantification (qualitative and/or quantitative) as the plan will need to discuss how the achievement of the objectives will be measured/monitored.

### Section IV. Project Impacts and Benefits

A figure showing the location of Disadvantaged Communities (as defined by DWR) is attached for reference.

Section V. Resource Management Strategies

A resource management strategy is a project, program, or policy that helps local agencies and governments manage their water and related resources. For example, urban water use efficiency is a strategy to reduce urban water use. A pricing policy or incentive for customers to reduce water use also is a strategy. New water storage to improve water supply, reliability, and quality is another strategy. (See attached Box 1-1 Resource Management Strategies and Management Objectives for alphabetical listings) (2009 California Water Plan). Further detailed descriptions 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>

Section VI. Project Cost and Financing

If project can be phased (Item VI.b.1) - provide phased break down of project cost and if particular phases have already been completed please state in the Description of Phase.

Section VII. Project Status and Schedule

Please fill in all applicable fields.

Section VIII. Project Technical Feasibility

Please fill in all applicable fields.

**Box 1-1 Resource Management Strategies and Management Objectives**

Resource Management Strategy	Chapter No.	Management Objective
Agricultural Lands Stewardship	20	Practice Resource Stewardship
Agricultural Water Use Efficiency	2	Reduce Water Demand
Conjunctive Management and Groundwater Storage	8	Increase Water Supply
Conveyance—Delta	4	Improve Operational Efficiency and Transfers of Water
Conveyance—Regional/local	5	Improve Operational Efficiency and Transfers of Water
Desalination	9	Increase Water Supply
Drinking Water Treatment and Distribution	14	Improve Water Quality
Economic Incentives (Loans, Grants, Water Pricing)	21	Practice Resource Stewardship
Ecosystem Restoration	22	Practice Resource Stewardship
Flood Risk Management	28	Improve Flood Management
Forest Management	23	Practice Resource Stewardship
Groundwater Remediation/Aquifer Remediation	15	Improve Water Quality
Introduction	1	
Land Use Planning and Management	24	Practice Resource Stewardship
Matching Water Quality to Use	16	Improve Water Quality
Other Strategies	29	Objectives vary by strategy
Pollution Prevention	17	Improve Water Quality
Precipitation Enhancement	10	Increase Water Supply
Recharge Area Protection	25	Practice Resource Stewardship
Recycled Municipal Water	11	Increase Water Supply
Salt and Salinity Management	18	Improve Water Quality
Surface Storage—CALFED	12	Increase Water Supply
Surface Storage—Regional/Local	13	Increase Water Supply
System Reoperation	6	Improve Operational Efficiency and Transfers of Water
Urban Runoff Management	19	Improve Water Quality
Urban Water Use Efficiency	3	Reduce Water Demand
Water Transfers	7	Improve Operational Efficiency and Transfers of Water
Water-dependent Recreation	26	Practice Resource Stewardship
Watershed Management	27	Practice Resource Stewardship

Tahoe Sierra IRWM Plan

Scoring Criteria

The following is a summary of the likely criteria that will be used to score and rank the projects. Projects will be divided into the following categories: Water, Storm Water, and Restoration. Please note this may be adjusted at the discretion of the review committee for each project category as each project form is evaluated.

Criteria	Scoring Points		
	3	2	1
Shovel Ready/ Readiness to Proceed	Implement/construct in 2015	Implement/construct in 2016/2017	Implement/construct after 2017
Relevance to Plan	Meets 3 objectives or strategies	Meets 2 objectives or strategies	Meets 1 objective or strategy
Other Funds	25% Match	10%-25% Match	<10% Match
Partners	Formal Partners	Informal partners	No partners
Green Technology	Uses many forms of alternative energy, or other green technology, or significantly reduces GHG* production	Uses some forms of alternative energy, or other green technology, or reduces GHG production	Uses minimal or no forms of alternative energy, or other green technology, or has no reduction of GHG production
Community Benefits	One point for each – Water conservation, Water supply/Reliability, Fire protection, Consolidation		
Relevance to State Water Plan, Other Plans	Yes, and describes how the project is relevant	Yes, only list	No relevant plans listed
Impact if not funded	Safety, public health, impaired Water Bodies, Flood or Threatened & Endangered species risk	Lose matching funds	Missed opportunity
Scientific Backing	Assessment and equivalent project	Assessment or equivalent project	No assessment or equivalent project
Geographical Area <sup>(a)</sup>		One project in geographic watershed	Two projects in the geographic watershed
Number of Projects Submitted per proponent <sup>(a)</sup>	Only one project	Two or three projects	Four or more projects
Disadvantaged Community	Yes	Partial	No

(a) Geographical Area and Number of Projects submitted will be evaluated by the subcommittee as leveling criteria in order to ensure the project prioritization is evenly dispersed throughout the Region and amongst agencies/organizations.

\* GHG Greenhouse Gas

## Final Draft Revised Project Template

Please provide information in the tables below:

### I. Project Proponent Information

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

### II. General Project Information

<b>Project Title</b>		
<b>Project Category</b>	<input type="checkbox"/> Water Supply <input type="checkbox"/> Storm Water/Flood Control <input type="checkbox"/> Restoration	
<b>Project Description</b> (Briefly describe the project, in 300 words or less)		
<b>Internal Project Prioritization:</b>		
	<b>Total number of projects submitted by your Agency:</b>	
	<b>Prioritization of this project (e.g., 3 of 5)</b>	
<b>Does this project contribute to a larger Project? If so provide description.</b>		
<b>Political Support – List related MOUs, agreements or TACs currently in place.</b>		
<b>Project Location:</b>		
<b>Latitude:</b>		
<b>Longitude:</b>		
<b>Project Location Description:</b>		

**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.

<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)
WQ1 - Meet approved TMDL standards in accordance with the attainment date, and participate in the development of future TMDLs.	<input type="checkbox"/> Yes <input type="checkbox"/> N/A		
WQ2 - Reduce pollutant loads to meet Water Quality Objectives (WQOs) for receiving water bodies established in the Basin Plan within the planning horizon.	<input type="checkbox"/> Yes <input type="checkbox"/> N/A		
WQ3 - Implement water quality monitoring programs through planning horizon, and coordinate annually throughout the Region.	<input type="checkbox"/> Yes <input 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 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 type="checkbox"/> N/A		
WS1 - Provide water supply to meet projected demands for a 20-year planning horizon.	<input type="checkbox"/> Yes <input type="checkbox"/> N/A		
WS2 - Operate and maintain, build, or replace infrastructure to reliably supply water.	<input type="checkbox"/> Yes <input type="checkbox"/> N/A		

Tahoe Sierra IRWM

<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)
WS3 - Implement and promote water conservation measures and practices to meet state goals.	<input type="checkbox"/> Yes <input type="checkbox"/> N/A		
GWM1 - Maintain and monitor groundwater supply to assure future reliability.	<input type="checkbox"/> Yes <input 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 type="checkbox"/> N/A		
GWM3 - Manage groundwater for multiple uses (e.g. municipal/industrial/agricultural supply and environmental use).	<input type="checkbox"/> Yes <input 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 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 type="checkbox"/> N/A		
ER3 - Implement, in coordination with public and private landowners, activities to manage forest health and wildfire risks.	<input type="checkbox"/> Yes <input type="checkbox"/> N/A		
ER4 - Minimize ecosystem impacts caused by existing and new development.	<input type="checkbox"/> Yes <input type="checkbox"/> N/A		

Tahoe Sierra IRWM

<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)
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 type="checkbox"/> N/A		
IWM2 - Ensure collaboration among multiple jurisdictions within the Region for information exchange.	<input type="checkbox"/> Yes <input type="checkbox"/> N/A		
IWM3 - Increase public education and awareness of watershed functions, protection and restoration needs to encourage stewardship by the public.	<input type="checkbox"/> Yes <input type="checkbox"/> N/A		
IWM4 - Promote activities that reduce flood risk.	<input type="checkbox"/> Yes <input type="checkbox"/> 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="checkbox"/> Yes <input 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 type="checkbox"/> N/A		

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



**IV. 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 <sup>1</sup> .	<input type="checkbox"/> N/A	
c. Environmental Justice <sup>2</sup> considerations.	<input type="checkbox"/> N/A	
d. Assist the Region in adapting to effects of climate change <sup>3</sup> .	<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	<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 improvement of 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

**V. 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 type="checkbox"/> No	
Urban Water Use Efficiency	<input type="checkbox"/> Yes <input type="checkbox"/> No	
<b>Improve Operational Efficiency and Transfers</b>		
Conveyance - Regional / local	<input type="checkbox"/> Yes <input type="checkbox"/> No	
System Reoperation	<input type="checkbox"/> Yes <input type="checkbox"/> No	
Water Transfers	<input type="checkbox"/> Yes <input type="checkbox"/> No	
<b>Increase Water Supply</b>		

Tahoe Sierra IRWM

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

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

Other RMS addressed and explanation:

**VI. 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 (Funding Match)</b>	<b>Cost Share: Other State Fund Source</b>	<b>Total Cost</b>
1. Capital (2013 Dollars)				
2. Annual Operations and Maintenance (O&M)				
<b>b. Can the Project be phased?</b>	<input type="checkbox"/> Yes <input type="checkbox"/> No			
1. If so provide cost breakdown by phase(s)	<b>Capital Cost</b>	<b>O&amp;M Cost</b>	<b>Description of Phase</b>	
Phase 1				
Phase 2				
Phase 3				
Phase 4				
<b>c. List secured source(s) of funding for Capital cost</b>	<b>Source(s)</b>		<b>Amount</b>	
<b>d. List proposed source(s) of unsecured funding and certainty of the sources for Capital cost.</b>				
<b>e. For capital projects, explain how operation and maintenance costs will be financed.</b>				
<b>f. Basis for project cost<sup>1</sup> (e.g. conceptual, planning, bid, etc.)</b>				
<b>g. Has a Cost/Benefit analysis been completed?</b>	<input type="checkbox"/> Yes <input type="checkbox"/> No			
<b>h. Please describe what impact there may be if the project is not funded. (300 words or less)</b>				

1. For the grant application a detailed 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.

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

<b>Provide explanation if more than one project stage is checked as current status</b>	
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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.

<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>	
<b>b. List technical reports and studies supporting the feasibility of this project</b>	
<b>c. Describe the scientific basis of the proposed project</b>	
<b>d. Does the project implement green technology (e.g. alternate forms of energy, recycled materials, LID techniques, etc.)</b>	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A
<b>1. If so please describe</b>	
<b>e. If you are an Urban Water Supplier<sup>1</sup>:</b>	
<b>1. Have you completed an Urban Water Management Plan and submitted to DWR?</b>	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A
<b>2. Are you in compliance with AB1420?</b>	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A
<b>3. Do you comply with the water meter requirements (CWC §525)</b>	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A
<b>4. If the answer to any of the questions above is “no”, do you intend to comply prior to receiving project funding</b>	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A
	Provide Explanation if necessary:
<b>f. If you are an Agricultural Water Supplier<sup>2</sup>:</b>	
<b>1. Have you completed and submitted an AWMP (due 12/31/12)?</b>	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A
<b>2. If not, will you complete and submit an AWMP prior to receiving project funding?</b>	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A
	Provide Explanation if necessary:
<b>g. If the project is related to groundwater:</b>	
<b>1. Has a GWMP been completed and submitted for the subject basin?</b>	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A
<b>2. If not will a GWMP be completed within 1 year of the grant submittal date?</b>	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> 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.