

## **Appendix F1**

### **Sample Project Application Forms for the Greater Monterey County Integrated Regional Water Management Plan**

#### **PROJECT SOLICITATION 2014**

#### **Greater Monterey County Integrated Regional Water Management Plan**

#### APPLICATION FORM FOR IMPLEMENTATION PROJECTS

#### **SECTION I. PROJECT SUMMARY**

**1. Project Proponent (Name of Organization):**

Type of Entity:    Public agency    Nonprofit organization    Privately owned water utility  
 Private citizen or privately owned business    Other (describe):

**2. Project Title:**

**3. Name, Title, and Affiliation of Contact Person:**

**4. Phone:**

**5. Email:**

**6. Mailing Address:**

**7. Project Location:** The project must lie within the geographic scope of the Greater Monterey County IRWM region.<sup>1</sup> Please describe the exact location of the project.

**8. Summary Description of Project (about 200 words):**

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<sup>1</sup> The Greater Monterey County IRWM region includes most of Monterey County, with the exception of areas that are already included in other IRWM Plans (specifically, the Pajaro River Watershed IRWM region and Monterey Peninsula, Carmel Bay, and South Monterey Bay IRWM region). These exceptions include: land areas within the San Jose Creek and Carmel River watersheds, land areas within the Pajaro River watershed, and most of the Monterey Peninsula (the Greater Monterey County region includes and runs north from Marina). For a map of the Greater Monterey County IRWM region, please go to: <http://www.greatermontereyirwmp.org/about/background/>.

**9. Project Cost Summary:** Implementation projects require a minimum non-State funding match of 25% (may include in-kind funds). Projects that address a critical water resource need of a disadvantaged community (DAC) may be exempt from this requirement. *If your project does not address a critical water resource need of a DAC, you must show at least 25% in non-State match.*

	<b>\$ Amount</b>
Requested Funds	
Matching (non-State) Funds	
Total Project Cost	

## SECTION II. PROJECT ELIGIBILITY AND REQUIREMENTS FOR ROUND 3

### 1. Minimum Criteria

To be eligible for inclusion in the IRWM Plan, projects must include one or more of the following elements. Please check all that apply:

- Water supply reliability, water conservation and water use efficiency.
- Storm water capture, storage, clean-up, treatment, and management.
- Removal of invasive non-native species, the creation and enhancement of wetlands, and the acquisition, protection, and restoration of open space and watershed lands.
- Non-point source pollution reduction, management and monitoring.
- Groundwater recharge and management projects.
- Contaminant and salt removal through reclamation, desalting, and other treatment technologies and conveyance of reclaimed water for distribution to users.
- Water banking, exchange, reclamation and improvement of water quality.
- Planning and implementation of multipurpose flood management programs.
- Watershed protection and management.
- Drinking water treatment and distribution.
- Ecosystem and fisheries restoration and protection.

### 2. Proof of Adoption of the IRWM Plan

The Proposition 84/1E IRWM Program Guidelines require that each project proponent named in an IRWM Grant application must adopt the IRWM Plan. This means that *in order to be eligible for IRWM grant funds*, your agency or organization must submit a formal resolution from your governing board, with signature, stating that your entity formally adopts the Greater Monterey County IRWM Plan. If you would like your project to be considered for Round 3 IRWM Implementation Grant funds, you must submit a resolution. To see a sample resolution, go to: <http://www.greatermontereyirwmp.org/documents/solicitation/>.

Please check the appropriate box below:

- A formal resolution is attached.
- My organization/agency has already submitted a formal resolution to adopt the IRWM Plan.
- A formal resolution will be submitted by \_\_\_\_\_ (no later than **June 27, 2014**).
- I do not want my project to be considered for the Round 3 IRWM Grant application, and will not be submitting a formal resolution to adopt the IRWM Plan at this time.

### 3. Landowner Support

Please be aware that no project will be eligible to receive IRWM grant funds without documentation of landowner support for any and all properties on which project activities will occur. If you would like your project to be considered for the Round 3 IRWM Implementation Grant application package, you will need to provide us with proof of landowner support no later than **June 27, 2014**. If you have questions, please contact Susan Robinson, IRWM Plan Coordinator, at [srobinsons@frontier.com](mailto:srobinsons@frontier.com) or (828) 649-9742.

Please check the appropriate box below:

- Documentation of landowner support for all properties, or for a portion of the properties, on which project activities will occur is included with this application (if documentation is provided for only a portion of the properties, please provide explanation).
- I will provide documentation of landowner support by June 27, 2014.
- Obtaining landowner support is a component of my proposed project. I understand that no grant funds may be spent for implementation work on any property unless landowner support, in the form of signed consent, is obtained prior to that work being performed.
- I do not want my project to be considered for the Round 3 IRWM Grant application, and will not be submitting documentation of landowner support at this time.

**4. Preliminary Economic Analysis**

If you would like your project to be considered for Round 3 IRWM Implementation Grant funds, you must submit a preliminary economic analysis by **June 27, 2014**. You can download the preliminary economic analysis form at: <http://www.greatermontereyirwmp.org/documents/solicitation/>. If you do not wish to have your project considered for Round 3 grant funds, you do not need to submit a preliminary economic analysis. Please check the appropriate box:

- A preliminary economic analysis is attached with this application.
- I will provide a preliminary economic analysis by June 27, 2014.
- I do not want my project to be considered for the Round 3 IRWM Grant application, and will not be submitting a preliminary economic analysis.

**SECTION III. PROJECT NARRATIVE**

Please attach a Project Narrative including the following elements, with headings and ordering exactly as shown below. There is no page limit for the Project Narrative, but please be as succinct as possible.

**1. Project Description:** Please describe the proposed project. Describe major tasks/activities, and provide a general discussion of the problem the project addresses.

**2. Project Need/Urgent Need:** Describe the need for your project and how the project will address that need. If there is a special, urgent, or critical need for your project, please note that and explain. (Projects will receive extra points in the project ranking if there is truly a “critical need.”)

**3. Budget:** Please provide an estimate of costs, using the following format (modify as needed).

Budget Category	Requested Grant Funding	Non-State Funding Match	Other State Funds	Total
Direct Project Administration Costs				
Land Purchase/Easement				
Planning/Design/Engineering/ Environmental Documentation				
Construction/Implementation				
Environmental Compliance/ Mitigation/Enhancement				
Construction Administration				
Other Costs				
Construction/Implementation Contingency				
<b>Grand Total</b>				

Please note the following:

**Direct Project Administration Costs:** The Prop 84 legislative language requires that administrative costs be limited to less than 5% of the total proposal costs.

**Excluded Costs:** Note that *operations and maintenance costs* and *travel costs* (including mileage to/from project sites) cannot be funded through Prop 84 IRWM grant funds.

**Funding Match:** For IRWM Implementation grants the minimum funding match is 25% of the *total project cost*. Match must be non-State funds, and may include in-kind funds. Here's how you figure out your minimum non-State match: If you are *not* using any other State funds in this project, then the formula is: **(requested amount)/3**; example: you are requesting \$75K, then you need at least \$25K in non-State matching funds ( $\$75K/3 = \$25K$ ), because  $\$75K + \$25K = \$100K$ , and you need at least 25% of the total \$100K. If you *are* contributing other State funds toward this project, then the formula is: **(requested amount + Other State funds amount)/3**; example: If you are requesting \$75K and you are contributing another \$75K in State funds, then you need at least \$50K in non-State matching funds ( $[\$75K + \$75K]/3 = \$50K$ ), because  $\$75K + \$75K + \$50K = \$200K$ , and you need at least 25% of the total \$200K.

For IRWM implementation projects that address a critical water supply or water quality need for a disadvantaged community, the funding match may be waived. Eligible funding match amounts can include, subject to DWR approval, prior costs borne by the applicant or individual project proponent after September 30, 2008.

**4. Project Financing:** The following information is required by the Prop 84 IRWM Guidelines. Please fill in the following table to show all anticipated funding sources for your project. Note that *operations and maintenance costs will not be funded through Prop 84 IRWM grant funds*, so you must show how you intend to fund O&M. In addition, you should indicate the certainty and longevity of the funding sources. The table shows two examples, then leaves room for your project. (Sorry – we are required to include this information in the IRWM Plan!)

Activity Description	Approx Total Cost	Funding Source & % of Total Cost	Funding: Certainty/ Longevity	O&M Finance Source	O&M Finance Certainty
<b>(EXAMPLE)</b> Implementation Project #1	\$10M	XY water agency, 50%	Secure, part of XY agency current capital improvement budget.	XY water agency budget	Secure- 2011 O&M budget.
		Grant-Prop 84, 30%	Application will be submitted FY 11/12	NA	NA
		Federal Grant, 20%	Tentative award, contingent on State funding.	NA	NA
<b>(EXAMPLE)</b> Implementation Project #2	\$250,000	State Grant, DAC assistance, DWR, 100%	Application submitted, in review.	Agency YY, operational budget	Secure, rate increase covers O&M costs
<b>Your project here</b>					

**5. Schedule and Readiness to Proceed:**

Please provide an anticipated schedule/timeline for the project.

Is the project ready to proceed:

- Now
- By Summer 2015
- Later than Summer 2015 (when?) \_\_\_\_\_

**Project Status:** Please describe project status, including status of the following project elements:

- CEQA and/or NEPA (if applicable) compliance
- Required permits or reviews by other agencies
- Preliminary plans and project designs
- Commitments from project partners
- Acquisition of land or rights-of-way and landowner agreements
- Property restrictions and/or encumbrances

**6. Monitoring and Project Performance:** Please briefly describe the monitoring systems that will be used to collect data and other measures that will be used to evaluate project performance. Note: Projects that affect water quality *must include* a monitoring component that allows the integration of data into statewide monitoring databases.

**7. Technical Feasibility:** Explain the strength of the project's technical feasibility. For example: Are there data gaps that require additional studies to develop the project? Are the methods and technologies to be used in the project known and/or proven techniques? Do you foresee any technical obstacles or challenges? Are there any known factors that could significantly delay implementation and/or completion of the project?

**8. Consistency with Federal, State, and Local Plans:** Please describe how the project is consistent with applicable federal, state, and regional/local plans and planning efforts, to the extent of your knowledge. Is this project identified in a watershed management plan or other community-driven plan?

**9. Geographic Impact:** Please describe the geographic areas that will be benefited or otherwise impacted by the project, including watersheds and adjacent areas.

**10. Project Benefits and Impacts:** The following information is required by the Prop 84 IRWM Guidelines. The information you provide will be included in the IRWM Plan. Please provide one paragraph to describe anticipated project benefits, and a separate paragraph to describe potential project impacts.

*Some examples of project benefits include:* increased water supply, improved water quality, reduced groundwater overdraft, creation of wetlands and riparian habitat, decreased operational or water treatment costs, increased cropland production, increased numbers of native species, reduced flood risks, education opportunities, or increased recreational opportunities. *Some examples of project impacts include:* reduced in-stream flow, habitat or species removal, flooding, loss of farmland, waste discharge issues associated with brine management and brine disposal, and construction related impacts, or environmental justice impacts.

**Project Benefits:**

**Project Impacts:**

**11. Collaboration and Community Support:** Please identify other agencies or organizations that will be actively involved in the project, if any, and describe their role in the project. Describe cooperation with or support from other agencies/organizations (besides project partners) regarding this project, including state or federal agencies. Identify landowners that may be impacted by the project. Discuss any known opposition

to the project. Does your project help resolve any water-related conflicts within the region? If so, please describe.

**12. Environmental Justice and Disadvantaged Communities:** Will the project address environmental justice concerns, or have any known environmental justice impacts? Will the project address critical water supply or water quality needs of a disadvantaged community within the Greater Monterey County region<sup>2</sup>? If so, please describe.

**13. Climate Change:** Please discuss if/how the project will contribute to mitigating climate change impacts (e.g., energy efficiency, reduction of greenhouse gas emissions, reduction of carbon foot print, reduction in water demand) and/or will help the region respond to climate change effects, such as sea level rise. To assist you in estimating GHG emissions from your project, we suggest you use the California Emissions Estimator Tool (CalEEMod), which can be accessed at: <http://www.greatermontereyirwmp.org/performance/>.

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<sup>2</sup> “Disadvantaged communities” are defined as communities with annual median household incomes (MHI) that are less than 80% of the statewide MHI. Disadvantaged communities within the Greater Monterey County region include (among others): Boronda, Moss Landing, San Ardo, San Lucas, Las Lomas, Chualar, and certain areas within the City of Salinas.

## SECTION IV. REGIONAL OBJECTIVES AND IRWM PROGRAM PRIORITIES

### 1. Resource Management Strategies

One of the goals of integrated regional water management planning is to encourage diversification of water management approaches as a way to mitigate for uncertain future circumstances (such as the impacts of climate change). Please select the strategies that your project will use (check all that apply):

#### Reduce Water Demand

- Agricultural Water Use Efficiency
- Urban Water Use Efficiency

#### Improve Operational Efficiency and Transfers

- Conveyance
- System Reoperation
- Water Transfers
- Infrastructure Reliability

#### Increase Water Supply

- Conjunctive Management & Groundwater Storage
- Desalination
- Precipitation Enhancement
- Recycled Municipal Water
- Surface Storage

#### Improve Water Quality

- Drinking Water Treatment and Distribution
- Groundwater/Aquifer Remediation
- Matching Water Quality to Use
- Pollution Prevention
- Salt and Salinity Management
- Urban Runoff Management
- Water and Wastewater Treatment

#### Practice Resources Stewardship

- Agricultural Lands Stewardship
- Economic Incentives (Loans, Grants, and Water Pricing)
- Ecosystem Restoration
- Forest Management
- Land Use Planning and Management
- Recharge Area Protection
- Water-Dependent Recreation
- Watershed Management
- Environmental and Habitat Protection and Improvement
- Wetlands Enhancement and Creation

#### Improve Flood Management

- Flood Risk Management
- Storm Water Capture and Management

#### Other Resource Management Strategies

- Dewvaporation or Atmospheric Pressure Desalination
- Fog Collection
- Rainfed Agriculture
- Recreation and Public Access
- Regional Cooperation
- Education and Outreach
- Monitoring and Research

### 2. IRWM Program Preferences

In selecting projects for IRWM grant funds, the Department of Water Resources will give preference to certain types of projects, as listed below. It is not necessary for your project to address these issues; however, projects that do address these preferences will receive additional points in the IRWM Plan project ranking process. Please select the IRWM program preferences that the project will address, if any. Check all that apply, and write one or two sentences to explain how your project meets that preference.

- The project is regional in scope. Explain how:
  
- The project effectively resolves significant water-related conflicts. Explain how:
  
- The project addresses critical water supply or water quality needs of disadvantaged communities. Explain how:
  
- The project effectively integrates water management with land use planning. Explain how:

### 3. Statewide Priorities

In selecting projects for IRWM grant funds, the Department of Water Resources will also give preference to projects that address statewide priorities. Again, it is not required for your project to address these priorities, but projects that do address statewide priorities will receive additional points in the IRWM Plan project ranking process. Please select any statewide priorities that the project will address. Check all that apply, and write one or two sentences to explain how your project meets that preference.

- Drought Preparedness: Projects that address long-term drought preparedness by contributing to sustainable water supply and reliability during water shortages. Explain how:
  
- Use and Reuse Water More Efficiently: Projects that implement water use efficiency, water conservation, recycling and reuse to help meet future water demands, increase water supply reliability and adapt to climate change. Explain how:
  
- Climate Change Response Actions: Projects that help the Region adapt to climate change, address climate change impacts, reduce greenhouse gas emissions compared with alternative projects, and/or reduce energy consumption. Examples include: advance and expand conjunctive management of multiple water supply sources; water management system modifications that address anticipated climate change impacts, such as rising sea-level; establish migration corridors, re-establish river-floodplain hydrologic continuity, re-introduce anadromous fish populations to upper watersheds, and enhance and protect upper watershed forests and meadow systems; and projects that promote water use efficiency, water recycling, water system energy efficiency, and/or reusing runoff. Explain how:
  
- Expand Environmental Stewardship: Projects that practice, promote, improve, and expand environmental stewardship to protect and enhance the environment by improving watersheds, floodplains, and instream functions and to sustain water and flood management ecosystems. Explain how:
  
- Practice Integrated Flood Management: Projects that promote and practice integrated flood management to provide multiple benefits (including better emergency preparedness, enhanced floodplain ecosystems, more sustainable flood and water management systems, and LID techniques that store and infiltrate runoff while protecting groundwater). Explain how:
  
- Protect Surface Water and Groundwater Quality: Projects that protect and restore surface water and groundwater quality to safeguard public and environmental health and secure water supplies for beneficial uses; and salt and nutrient management planning as part of the IRWM Plan. Explain how:
  
- Ensure Equitable Distribution of Benefits: Projects that increase the participation of small and disadvantaged communities (DACs) in the IRWM process, multi-benefit projects that take into consideration affected DACs and vulnerable populations, contain projects that address safe drinking



water and wastewater treatment needs of DACs, address critical water supply or water quality needs of California Native American Tribes within the region, and/or help meet State policies intended to provide access to safe, clean, and affordable water. Explain how:

**4. IRWM Plan Goals and Objectives**

The following objectives have been identified for the Greater Monterey County IRWM Plan. The objectives are organized by goal categories. Please select all of the objectives that the project will address, and write a brief justification (unless it is *entirely obvious*) of how your project will address each objective. If possible, please reference the section and/or page number of this application that supports your justification.

NOTE: The “objectives” category accounts for a full 40% of a project’s total score in the ranking process for the IRWM Plan. So please complete this section carefully!

	Objective	Justification
<b>Water Supply Goal</b>		
<input type="checkbox"/>	Increase groundwater recharge and protect groundwater recharge areas.	
<input type="checkbox"/>	Optimize the use of groundwater storage with infrastructure enhancements and improved operational techniques.	
<input type="checkbox"/>	Increase and optimize water storage and conveyance capacity through construction, repair, replacement, and augmentation of infrastructure.	
<input type="checkbox"/>	Diversify water supply sources, including but not limited to the use of recycled water.	
<input type="checkbox"/>	Maximize water conservation programs.	
<input type="checkbox"/>	Capture and manage storm water runoff.	
<input type="checkbox"/>	Optimize conjunctive use where appropriate.	
<input type="checkbox"/>	Support research and monitoring to better understand water supply needs.	
<input type="checkbox"/>	Support the creation of water supply certainties for local production of agricultural products.	
<input type="checkbox"/>	Promote public education about water supply issues and needs.	
<input type="checkbox"/>	Promote planning efforts to provide emergency drinking water to communities in the region in the event of a disaster.	
<b>Water Quality Goal</b>		
<input type="checkbox"/>	Promote practices necessary to meet, or where practicable, exceed all applicable water quality regulatory standards (for drinking water, surface and groundwater quality).	
<input type="checkbox"/>	Promote projects to prevent seawater intrusion.	
<input type="checkbox"/>	Incorporate or promote principles of low impact development where feasible, appropriate, and cost effective.	
<input type="checkbox"/>	Protect surface waters and groundwater basins from contamination and the threat of contamination.	
<input type="checkbox"/>	Support research and pilot projects for the co-management of food safety and water quality protection.	
<input type="checkbox"/>	Improve septic systems, sewer system infrastructure, wastewater treatment systems, and manure management programs to prevent water quality contamination.	
<input type="checkbox"/>	Support research and other efforts on salinity	

	management.	
<input type="checkbox"/>	Support monitoring to better understand major sources of erosion, and implement a comprehensive erosion control program.	
<input type="checkbox"/>	Promote programs and projects to reduce the quantity and improve the quality of urban and agricultural runoff and/or mitigate their effects in surface waters, groundwater, and the marine environment.	
<input type="checkbox"/>	Promote regional monitoring and analysis to better understand water quality conditions.	
<input type="checkbox"/>	Support research and utilization of emerging technologies (enzymes, etc.) to develop effective water pollution prevention and mitigation measures, and source tracking.	
<input type="checkbox"/>	Promote public education about water quality issues and needs.	
<b>Flood Protection &amp; Floodplain Management Goal</b>		
<input type="checkbox"/>	Promote projects and practices to protect infrastructure and property from flood damage.	
<input type="checkbox"/>	Improve flood management infrastructure and operational techniques/strategies.	
<input type="checkbox"/>	Implement flood management projects that provide multiple benefits such as public safety, habitat protection, recreation, agriculture, and economic development.	
<input type="checkbox"/>	Develop and implement projects to protect, restore, and enhance the natural ecological and hydrological functions of rivers, creeks, streams, and their floodplains.	
<input type="checkbox"/>	Support research and monitoring efforts to understand the effects of flooding on transport and persistence of pathogens in food crop production areas.	
<input type="checkbox"/>	Support management of flood waters so that they do not contaminate fresh produce in the field.	
<input type="checkbox"/>	Promote public education about local flood management issues and needs.	
<b>Environment Goal</b>		
<input type="checkbox"/>	Support science-based projects to protect, improve, enhance, and/or restore the region's ecological resources, while providing opportunities for public access and recreation where appropriate.	
<input type="checkbox"/>	Protect and enhance state and federally listed species and their habitats.	
<input type="checkbox"/>	Minimize adverse environmental impacts of water resource management projects.	
<input type="checkbox"/>	Support applied research and monitoring to better understand environmental conditions, environmental water needs, and the impacts of water-related projects on environmental resources.	
<input type="checkbox"/>	Implement fish-friendly stream and river corridor restoration projects.	
<input type="checkbox"/>	Reduce adverse impacts of sedimentation into streams, particularly from roads and non-point sources.	
<input type="checkbox"/>	Promote efforts to prevent, control, reduce, and/or eradicate high priority invasive species.	
<input type="checkbox"/>	Promote native drought-tolerant plantings in municipal and residential landscaping.	
<input type="checkbox"/>	Consider opportunities to purchase fee title or conservation easements on lands from willing sellers that provide integrated water resource management	

	benefits. Ensure adequate funding and infrastructure to manage properties and/or monitor easements.	
<input type="checkbox"/>	Support research and monitoring efforts to understand the effects of wildfire events on water resources.	
<b>Regional Communication and Cooperation Goal</b>		
<input type="checkbox"/>	Facilitate dialogue and reduce inconsistencies in water management strategies/regulations between local, regional, state, and federal entities.	
<input type="checkbox"/>	Promote dialogue between federal and state regulators and small water system managers to facilitate water quality regulation compliance.	
<input type="checkbox"/>	Foster collaboration between regional entities to minimize and resolve potential conflicts and to obtain support for responsible water supply solutions and improved water quality.	
<input type="checkbox"/>	Build relationships with federal, state, and local regulatory agencies and other water agencies to facilitate the permitting, planning, and implementation of water-related projects.	
<input type="checkbox"/>	Increase stakeholder input and public education about the need, complexity, and cost of strategies, programs, plans, and projects to improve water supply, water quality, flood management, coastal conservation, and environmental protection.	
<b>Disadvantaged Communities Goal</b>		
<input type="checkbox"/>	Seek funding opportunities to ensure all communities have a water system with adequate, safe, high-quality drinking water.	
<input type="checkbox"/>	Seek funding opportunities to ensure all communities have adequate wastewater treatment.	
<input type="checkbox"/>	Ensure that disadvantaged communities are adequately protected from flooding and the impacts of poor surface and groundwater quality.	
<input type="checkbox"/>	Provide support for the participation of disadvantaged communities in the development, implementation, monitoring, and long-term maintenance of water resource management projects.	
<input type="checkbox"/>	Promote public education in disadvantaged communities about water resource protection, pollution prevention, conservation, water quality, and watershed health.	
<b>Climate Change Goal</b>		
<input type="checkbox"/>	Plan for potential impacts of future climate change.	
<input type="checkbox"/>	Support increased monitoring and research to obtain greater understanding of long-term impacts of climate change in the Greater Monterey County region.	
<input type="checkbox"/>	Support efforts to research alternative energy and to diversify energy sources appropriate for the region.	
<input type="checkbox"/>	Seek long-term solutions to reduce greenhouse gas producing energy use.	
<input type="checkbox"/>	Seek long-term solutions to maintain and protect existing pristine natural resources from the impacts of climate change.	
<input type="checkbox"/>	Support research and/or implementation of land-based efforts such as carbon-sequestration on working lands and wildlands in the Greater Monterey County region.	
<input type="checkbox"/>	Promote public education about impacts of climate change, particularly as it relates to water resource management in the Greater Monterey County region.	

**HOW TO SUBMIT YOUR APPLICATION:**

All project applications are due by 5:00 PM Friday, **April 25, 2014**.

Please **email** your completed application to Susan Robinson at [srobinsongs@frontier.com](mailto:srobinsongs@frontier.com).

If you do not have email access, please mail or hand-deliver one copy of your application to (all applications *must be received by* April 25, 2014):

Bridget Hoover  
Monterey Bay National Marine Sanctuary  
99 Pacific Street, Building 455  
Monterey, CA 93940

**FOR QUESTIONS ABOUT THIS APPLICATION FORM OR THE IRWM PLANNING PROCESS:**

Please visit our website at <http://www.greatermontereyirwmp.org> or contact:

Susan Robinson  
Coordinator for the Greater Monterey County IRWM Plan  
[srobinsongs@frontier.com](mailto:srobinsongs@frontier.com)  
(828) 649-9742

If your project addresses a water resource need of a disadvantaged community and you need assistance with project development or filling out this application form, please contact Susan Robinson.

## **WHAT YOU SHOULD KNOW...**

### **1. Project Ranking**

All projects in the Greater Monterey County IRWM Plan are ranked according to a Project Ranking System that has been developed and approved by the Regional Water Management Group. Your responses to the questions on this application will determine how well your project scores relative to other projects in the IRWM Plan – and may influence whether or not your project gets chosen for submission for Round 3 IRWM Implementation Grant funds. To see how projects are scored, download “2014 Project Ranking Criteria” on our website: <http://www.greatermontereyirwmp.org/documents/solicitation/>

### **2. CEQA/NEPA Compliance**

In order to be eligible to receive IRWM grant funds: You must demonstrate that you have a plan to comply with all applicable requirements of CEQA and the National Environmental Policy Act (NEPA) and a schedule that outlines when the appropriate environmental documents will be completed.

### **3. Monitoring Requirements**

In order to be eligible to receive IRWM grant funds: Projects that affect surface water quality shall include a monitoring component that allows the integration of data into the California Environmental Data Exchange Network (CEDEN). CWC §10927 requires various entities, including local agencies that are managing all or part of a groundwater basin pursuant to CWC §10750, to assume responsibilities for groundwater elevation monitoring and reporting, as required by CWC §10920 *et seq.*

### **4. Groundwater Management Plan Compliance**

In order to be eligible to receive IRWM grant funds: For groundwater management and recharge projects and for projects with potential groundwater impacts, the applicant or the project proponent responsible for such projects must demonstrate that either:

- They have prepared and implemented a Groundwater Management Plan (GWMP) in compliance with CWC §10753.7
- They participate or consent to be subject to a GWMP, basin-wide management plan, or other IRWM program or plan that meets the requirements of CWC §10753.7(a)
- The Proposal includes development of a GWMP that meets the requirements of CWC §10753.7 which will be completed within 1-year of the grant application submittal date. In the event that a grant solicitation is a 2-step process, DWR will use the due date of the Step 2 application to begin the 1-year compliance period
- They conform to the requirements of an adjudication of water rights in the subject groundwater basin

### **4. Agriculture Water Management Plan Compliance**

Beginning July 1, 2013, an agricultural water supplier is not eligible for a water grant or loan awarded or administered by the State unless the supplier complies with SBx7-7 water conservation requirements outlined in Part 2.55 (commencing with §10608) of Division 6 of the CWC.

### **5. Surface Water Diversion Reporting Compliance**

Beginning January 1, 2012, a diverter of surface water is not eligible for a water grant or loan awarded or administered by the State unless it complies with surface water diversion reporting requirements outlined in Part 5.1 (commencing with §5100) of Division 2 of the CWC.

### **6. Requirements for Urban Water Suppliers**

Urban Water Supplier means a supplier, either publicly or privately owned, that provides 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 (CWC § 10617).

- **Urban Water Management Planning Act Compliance** – Water suppliers who were required by the Urban Water Management Planning Act (CWC § 10610 *et seq.*) to submit an Urban Water Management Plan (UWMP) to DWR must have submitted a complete UWMP to be eligible for IRWM

Grant Program funding. Applicants and project proponents that are urban water suppliers and have projects that would receive funding through the IRWM grant program must have a complete UWMP by the time a grant is awarded to be eligible to receive funding.

- **AB1420 Compliance** – AB1420 (Stats. 2007, ch.628) conditions the receipt of a water management grant or loan, including IRWM grant funds and IRWM related water management funding such as SWFM funds, by urban water suppliers on the implementation of California Urban Water Conservation Council (CUWCC) best management practices (BMPs). Urban water suppliers who are applicants or project proponents in a grant application for either funding source must supply additional information as required by DWR's Water Use and Efficiency Branch (WUEB) <http://www.owue.water.ca.gov/finance/index.cfm>. An urban water supplier may be eligible for a water management grant or loan if it demonstrates that it has or is implementing or scheduling the implementation of BMPs. Urban water suppliers applying to use grant funds for implementation of BMPs must ensure they have submitted all the necessary information per the WUEB instructions.
- **CWC § 529.5 Compliance** - Requires on or after January 1, 2010, any urban water supplier applying for state grant funds for wastewater treatment projects, water use efficiency projects, drinking water treatment projects, or for a permit for a new or expanded water supply, shall demonstrate that they meet the water meter requirements in CWC § 525 *et seq.*

### **7. Local Plan Consistency**

Any watershed protection activities must be consistent with the applicable, adopted, local watershed management plans and the applicable Regional Water Quality Control Plan (Basin Plan) adopted by the Regional Water Quality Control Board. To see the Central Coast Region Basin Plan, go to: [http://www.waterboards.ca.gov/centralcoast/publications\\_forms/publications/basin\\_plan/](http://www.waterboards.ca.gov/centralcoast/publications_forms/publications/basin_plan/)

**GREATER MONTEREY COUNTY IRWMP  
PROJECT SOLICITATION 2014**

**APPLICATION FORM FOR  
CONCEPT PROPOSALS**

**1. Project Proponent (Name of Organization):**

Type of Entity:  Public agency  Nonprofit organization  Privately owned water utility  
 Private citizen or privately owned business  Other (describe):

**2. Project Title:**

**3. Name, Title, and Affiliation of Contact Person:**

**4. Phone:**

**5. Email:**

**6. Mailing Address:**

**7. Project Eligibility: Geographic Location**

The project must lie within the geographic scope of the Greater Monterey County IRWM region,<sup>3</sup> or otherwise be of direct benefit to the Greater Monterey County IRWM region. Please describe the exact location of the project.

**8. Project Eligibility: Prop 84 IRWM Criteria**

To be eligible for inclusion in the IRWMP, projects must yield multiple benefits and include one or more of the following elements. Please check all that apply:

- Water supply reliability, water conservation and water use efficiency.
- Storm water capture, storage, clean-up, treatment, and management.
- Removal of invasive non-native species, the creation and enhancement of wetlands, and the acquisition, protection, and restoration of open space and watershed lands.
- Non-point source pollution reduction, management and monitoring.
- Groundwater recharge and management projects.
- Contaminant and salt removal through reclamation, desalting, and other treatment technologies and conveyance of reclaimed water for distribution to users.
- Water banking, exchange, reclamation and improvement of water quality.
- Planning and implementation of multipurpose flood management programs.
- Watershed protection and management.
- Drinking water treatment and distribution.
- Ecosystem and fisheries restoration and protection.

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<sup>3</sup> The Greater Monterey County IRWM region includes most of Monterey County, with the exception of areas that are already included in other IRWMPs (specifically, the Pajaro River Watershed IRWM region and Monterey Peninsula, Carmel Bay, and South Monterey Bay IRWM region). These exceptions include: land areas within the San Jose Creek and Carmel River watersheds, land areas within the Pajaro River watershed, and most of the Monterey Peninsula (the Greater Monterey County region includes and runs north from Marina). For a map of the Greater Monterey County IRWM region, please go to: <http://www.greatermontereyirwmp.org/about/background/>.

## 9. Project Eligibility: IRWMP Goals and Objectives

To eligible for inclusion in the IRWMP, projects must be consistent with the goals and objectives of the Greater Monterey County IRWM region, which include the following (please check all that apply):

### Water Supply

- Increase groundwater recharge and protect groundwater recharge areas.
- Optimize the use of groundwater storage with infrastructure enhancements and improved operational techniques.
- Increase and optimize water storage and conveyance capacity through construction, repair, replacement, and augmentation of infrastructure.
- Diversify water supply sources, including but not limited to the use of recycled water.
- Maximize water conservation programs.
- Capture and manage storm water runoff.
- Optimize conjunctive use where appropriate.
- Support research and monitoring to better understand water supply needs.
- Support the creation of water supply certainties for local production of agricultural products.
- Promote public education about water supply issues and needs.
- Promote planning efforts to provide emergency drinking water to communities in the region in the event of a disaster.

### Water Quality

- Promote practices necessary to meet, or where practicable, exceed all applicable water quality regulatory standards (for drinking water, surface and groundwater quality).
- Promote projects to prevent seawater intrusion.
- Incorporate or promote principles of low impact development where feasible, appropriate, and cost effective.
- Protect surface waters and groundwater basins from contamination and the threat of contamination.
- Support research and pilot projects for the co-management of food safety and water quality protection.
- Improve septic systems, sewer system infrastructure, wastewater treatment systems, and manure management programs to prevent water quality contamination.
- Support research and other efforts on salinity management.
- Support monitoring to better understand major sources of erosion, and implement a comprehensive erosion control program.
- Promote programs and projects to reduce the quantity and improve the quality of urban and agricultural runoff and/or mitigate their effects in surface waters, groundwater, and the marine environment.
- Promote regional monitoring and analysis to better understand water quality conditions.
- Support research of emerging technologies (enzymes, etc.) to develop effective water pollution prevention and mitigation measures, and source tracking.
- Promote public education about water quality issues and needs.

### Flood Protection & Floodplain Management

- Promote projects and practices to protect infrastructure and property from flood damage.
- Improve flood management infrastructure and operational techniques/strategies.
- Implement flood management projects that provide multiple benefits such as public safety, habitat protection, recreation, agriculture, and economic development.
- Develop and implement projects to protect, restore, and enhance the natural ecological and hydrological functions of rivers, creeks, streams, and their floodplains.
- Support research and monitoring efforts to understand the effects of flooding on transport and persistence of pathogens in food crop production areas.
- Support management of flood waters so that they do not contaminate fresh produce in the field.
- Promote public education about local flood management issues and needs.



### **Environment**

- Support science-based projects to protect, improve, enhance, and/or restore the region's ecological resources, while providing opportunities for public access and recreation where appropriate.
- Protect and enhance state and federally listed species and their habitats.
- Minimize adverse environmental impacts of water resource management projects.
- Support applied research and monitoring to better understand environmental conditions, environmental water needs, and the impacts of water-related projects on environmental resources.
- Implement fish-friendly stream and river corridor restoration projects.
- Reduce adverse impacts of sedimentation into streams, particularly from roads and non-point sources.
- Promote efforts to prevent, control, reduce, and/or eradicate high priority invasive species.
- Promote native drought-tolerant plantings in municipal and residential landscaping.
- Consider opportunities to purchase fee title or conservation easements on lands from willing sellers that provide integrated water resource management benefits. Ensure adequate funding and infrastructure to manage properties and/or monitor easements.
- Support research and monitoring efforts to understand the effects of wildfire events on water resources.

### **Regional Communication and Cooperation**

- Facilitate dialogue and reduce inconsistencies in water management strategies/regulations between local, regional, state, and federal entities.
- Promote dialogue between federal and state regulators and small water system managers to facilitate water quality regulation compliance.
- Foster collaboration between regional entities to minimize and resolve potential conflicts and to obtain support for responsible water supply solutions and improved water quality.
- Build relationships with federal, state, and local regulatory agencies and other water agencies to facilitate the permitting, planning, and implementation of water-related projects.
- Increase stakeholder input and public education about the need, complexity, and cost of strategies, programs, plans, and projects to improve water supply, water quality, flood management, coastal conservation, and environmental protection.

### **Disadvantaged Communities**

- Seek funding opportunities to ensure all communities have a water system with adequate, safe, high-quality drinking water.
- Seek funding opportunities to ensure all communities have adequate wastewater treatment.
- Ensure that disadvantaged communities are adequately protected from flooding and the impacts of poor surface and groundwater quality.
- Provide support for the participation of disadvantaged communities in the development, implementation, monitoring, and long-term maintenance of water resource management projects.
- Promote public education in disadvantaged communities about water resource protection, pollution prevention, conservation, water quality, and watershed health.

### **Climate Change**

- Plan for potential impacts of future climate change.
- Support increased monitoring and research to obtain greater understanding of long-term impacts of climate change in the Greater Monterey County region.
- Support efforts to research alternative energy and to diversify energy sources appropriate for the region.
- Seek long-term solutions to reduce greenhouse gas producing energy use.
- Seek long-term solutions to maintain and protect existing pristine natural resources from the impacts of climate change.
- Support research and/or implementation of land-based efforts such as carbon-sequestration on working lands and wildlands in the Greater Monterey County region.
- Promote public education about impacts of climate change, particularly as it relates to water resource management in the Greater Monterey County region.

**10. Summary Description of Project:** Please include a brief summary of the project idea. Describe project need, as much detail about the project concept as possible, and who would be involved in carrying out the project. Please also describe related efforts and/or project status, if the project is somewhat beyond the concept stage.

**HOW TO SUBMIT YOUR APPLICATION:**

All project applications are due by 5:00 PM Friday, **April 25, 2014**.

Please **email** your completed application to Susan Robinson at [srobinsons@frontier.com](mailto:srobinsons@frontier.com).

If you do not have email access, please mail or hand-deliver one copy of your application to (all applications *must be received by* April 25, 2014):

Bridget Hoover  
Monterey Bay National Marine Sanctuary  
99 Pacific Street, Building 455  
Monterey, CA 93940

**FOR QUESTIONS ABOUT THIS APPLICATION FORM OR THE IRWMP PROCESS:**

Please visit our website at <http://www.greatermontereyirwmp.org> or contact:

Susan Robinson  
Coordinator for the Greater Monterey County IRWMP  
[srobinsons@frontier.com](mailto:srobinsons@frontier.com)  
(828) 649-9742