**Mokelumne/Amador/Calaveras (MAC)**

**Integrated Regional Water Management Plan Update**

**Project Information Sheet**

***PLEASE SUBMIT COMPLETED FORMS BY JANUARY 20, 2012***

**Questions and completed forms should be directed to:**

Alyson Watson

RMC Water and Environment

415-404-6442

awatson@rmcwater.com

# Proposed Project

**Project Title:** Click here to enter text.

**Project Location:** Click here to enter text.

# Eligibility

*In order to be considered for inclusion in the MAC Plan Update, the project must meet at least one MAC Plan Goal, at least one Statewide Priority, and address at least two Resource Management Strategies. If your project does not meet these minimum requirements it will not be included in the MAC Plan Update.*

**MAC Plan Update Goals**

*Please describe how your project advances one or more of the MAC IRWM goals.*

Policy 1: Maintain and Improve Water Quality

*[ ] Goal:* Reduce sources of contaminants.

Description: Click here to enter text.

*[ ] Goal:* Manage stormwater flows and transport of sediment and contaminants.

Description: Click here to enter text.

 Policy 2: Improve Water Supply Reliability

*[ ] Goal:* Ensure sufficient firm yield water supply.

Description: Click here to enter text.

 *[ ] Goal:* Maintain and improve water infrastructure reliability.

Description: Click here to enter text.

 *[ ] Goal:* Promote water conservation, recycling and reuse for urban and agricultural uses.

Description: Click here to enter text.

 *[ ] Goal*: Develop appropriate drought mitigation measures.

Description: Click here to enter text.

 Policy 3: Practice Resource Stewardship

*[ ] Goal:* Identify opportunities to conserve, enhance and restore the region’s natural resources.

Description: Click here to enter text.

 *[ ] Goal:* Minimize adverse effects on biological and cultural resources.

Description: Click here to enter text.

 *[ ] Goal:* Identify opportunities for public access, open spaces, trails, and other recreational benefits.

Description: Click here to enter text.

**Statewide Priorities**

*Please check all that apply.*

[ ]  Drought Preparedness

[ ]  Use and Reuse Water More Efficiently

[ ]  Climate Change Response Actions

[ ]  Expand Environmental Stewardship

[ ]  Practice Integrated Flood Management

[ ]  Protect Surface Water and Groundwater Quality

[ ]  Improve Tribal Water and Natural Resources

[ ]  Ensure Equitable Distribution of Benefits

**Resource Management Strategies**

*Please select all that apply to your project.*

[ ] Agricultural Water Use Efficiency

[ ] Urban Water Use Efficiency

[ ] Conveyance – Delta

[ ] Conveyance – Regional/local

[ ] System Reoperation

[ ] Water Transfers

[ ] Conjunctive Management & Groundwater Storage

[ ] Desalination

[ ] Precipitation Enhancement

[ ] Recycled Municipal Water

[ ] Surface Storage – CALFED

[ ] Surface Storage – Regional/local

[ ] Drinking Water Treatment and Distribution

[ ] Groundwater Remediation/Aquifer Remediation

[ ] Matching Quality to Use

[ ] Pollution Prevention

[ ] Salt and Salinity Management

[ ] Urban Runoff Management

[ ] Flood Risk Management

[ ] Agricultural Lands Stewardship

[ ] Economic Incentives (Loans, Grants and Water Pricing)

[ ] Ecosystem Restoration

[ ] Forest Management

[ ] Recharge Area Protection

[ ] Water-Dependent Recreation

[ ] Watershed Management

[ ] Crop Idling for Water Transfers

[ ] Dewvaporation or Atmospheric Pressure Desalination

[ ] Fog Collection

[ ] Irrigated Land Retirement

[ ] Rainfed Agriculture

[ ] Waterbag Transport/Storage Technolog

# Responsible Agency Information

**Contact Name:** Click here to enter text.

**Affiliation:** Click here to enter text.

**Address:** Click here to enter text.

**Phone:** Click here to enter text.

**Email:** Click here to enter text.

**Other Participating Agencies (if applicable):** Click here to enter text.

# Project Description

**Project Description**

*Please provide a description of your project, including the project location (please provide GPS coordinates if available), area and/or entities that will be affected by or will benefit from your project, related water and environmental resources within the project boundaries, and any potential obstacles to implementation. Attach extra pages if necessary. If feasible, please attach a copy of all relevant project literature.*

Click here to enter text.

**Project Status:**

**Readiness to Proceed**

*Please discuss project readiness and anticipated start date. Include a description of the status of design and environmental documentation (if applicable), and securing required matching funds.*

Click here to enter text.

**Environmental Documentation**

*Describe the environmental documentation required (e.g. Environmental Impact Report or Negative Declaration) for the proposed project and the status of the required documentation. If environmental documentation is required but has not been started, please provide the estimated timeframe for completing the required documentation.*

Click here to enter text.

**Multi-entity Integration and Benefits**

*Is your project linked to or combined with another project? If yes, please describe the linked / integrated projects and other possible project participants. Describe entities that benefit from the project and describe the benefits to each entity.*

Click here to enter text.

**Technical Feasibility**

*Please list background information, studies or other documentation (including author and year) that detail the technical feasibility of the project.*

Click here to enter text.

**Economic Feasibility**

*Please provide estimated project costs (capital, operations and maintenance, and replacement) and estimated project life.*

Capital Cost: $ Click here to enter text.

Annual O&M Costs: $ Click here to enter text.

Replacement Costs, Description of Equipment to be Replaced, & Frequency of Replacement (e.g., every 5 years): Click here to enter text.

Estimated Project Life (Years): Click here to enter text.

Cost Basis (if not 2011 dollars): Click here to enter text.

Possible Funding Sources: Click here to enter text.

*Please describe the economic feasibility of the project. If an economic analysis (benefit:cost analysis or cost-effectiveness analysis)of the project has been completed, please provide the findings of that analysis and the reference (including author and year). If an economic analysis has not been completed for the project, please provide a detailed description of expected project benefits, including benefits to water supply, water quality, and natural resources, using numeric values when possible (e.g., acres of habitat restored, acre-feet per year of water supply generated, etc). Suggested metrics are provided below.*

*Summary of Economic Analysis Report (including title, author, and year):* Click here to enter text.

*Water Supply Avoided Costs*

Avoided Pumping / Conveyance Costs: Click here to enter text.

 Avoided Water Treatment Costs: Click here to enter text.

Avoided Wastewater Treatment Costs: Click here to enter text.

Avoided Costs of New Supplies: Click here to enter text.

 Other: Click here to enter text.

*Water Quality Avoided Costs*

Avoided Water Treatment Costs: Click here to enter text.

Avoided Wastewater Treatment Costs: Click here to enter text.

Other: Click here to enter text.

# Benefits

**Quantifiable Benefits**

*Please provide the quantifiable benefits for Water Supply, Water Quality, and Resource Stewardship, as appropriate.*

*Water Supply Benefits*

Acre-feet Per Year of New Supply: Click here to enter text.

Acre-feet Per Year of Reduced Demand: Click here to enter text.

*Water Quality Benefits*

Reduction in pollutant loading: Click here to enter text.

Reduction in pollutant transport: Click here to enter text.

 *Resource Stewardship Benefits*

Acres of Habitat Created, Restored, or Enhanced: Click here to enter text.

Increase in new or enhanced recreation / public access opportunities (e.g., miles of trail): Click here to enter text.

Reduction in flood-related damages: Click here to enter text.

Reduction in greenhouse gas emissions: Click here to enter text.

Other: Click here to enter text.

**Disadvantaged Communities / Environmental Justice**

*Please describe how the project will benefit or impact disadvantaged communities or environmental justice goals.*

Click here to enter text.

**Native American Tribal Communities**

*Please describe how the project will benefit or impact Native American tribal communities.*

Click here to enter text.

**Climate Change Adaptation or Mitigation**

*Please discuss how your project contributes to climate change adaptation and/or mitigation of greenhouse gas emissions. Please discuss potential climate change-related impacts of the project (e.g., increased greenhouse gas emissions). Also discuss the likeliness of these climate change benefits and / or impacts.*

Click here to enter text.