

Appendix I



**East Stanislaus Integrated Regional Water Management Plan
Project Information Form**



The East Stanislaus Integrated Regional Water Management (IRWM) Planning Region was approved by the California Department of Water Resources (DWR) as an official IRWM planning region on September 1, 2011. The Cities of Modesto, Turlock, Ceres and Hughson signed a memorandum of understanding (MOU) to create the East Stanislaus Regional Water Management Partnership (ESRWMP), and have initiated development of the East Stanislaus Integrated Regional Water Management Plan (IRWMP). We are seeking projects to be included in the East Stanislaus IRWMP.

If you have a project that you would like to be included in the East Stanislaus IRWMP, please complete the following project information form (either in hard copy or electronically online at www.eaststanirwm.org). Project information can be submitted electronically through the ESRWMP IRWM Project Database at the web address above. If you do not have internet access, please mail or hand-deliver one copy of your application to:

Jim Alves
City of Modesto Public Works Department
1010 Tenth Street, Suite 4600
P.O. Box 642
Modesto, CA 95353

For consideration and inclusion in the East Stanislaus IRWMP, project information forms MUST BE submitted by 5:00 P.M. on June 10, 2012.

Form Instructions

Projects submitted for consideration will be separated into three categories: Concept Projects, Preliminary Design Complete, and Ready-to-Proceed (RTP) Projects. RTP Projects consist of projects that are ready or close to being ready for implementation. They can be construction projects, research projects, or studies, but must be developed enough to have detailed budget and schedule information available and most planning, design and environmental documentation (if required) must be complete. Concept Projects are projects that are at a conceptual level and require additional project development before being implementation-ready. Preliminary Design Complete projects are further developed than the Concept Projects, but not yet ready for implementation. Concept Projects, Preliminary Design Complete projects, and RTP Projects will be included in the IRWMP, but Concept Projects will not be considered for inclusion in applications for funding through DWRs IRWM Grant Program.

For Concept Projects, basic project information is necessary, so please fill out Part 1 of this application. For Preliminary Design Complete and RTP Projects, more extensive and complete project information is required, so please fill out both Parts 1 and 2 of this application.

Important Items to Note Regarding Future Grant Funding

- This project solicitation process is for the purpose of compiling projects to be included in the East Stanislaus IRWMP, not for the purpose of applying to DWR for IRWM grant funding at this time.
- Per DWR's IRWM Guidance, all project proponents with projects included in an IRWM grant application must adopt the IRWM Plan.

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- At this time, DWR anticipates having Round 2, Proposition 84 IRWM Implementation Grant solicitation in the Fall of 2012. In order to be eligible for grant funding, the East Stanislaus IRWMP will likely require adoption; and in order for projects to be eligible for funding, they must be included in the adopted IRWMP.
- Submitting your project for consideration for inclusion in the East Stanislaus IRWMP now will make it eligible for future IRWM grant cycles. However, inclusion of your project in the IRWMP will not guarantee it grant funding.
- Projects submitted for consideration through this project solicitation process will be prioritized; only the top-ranked projects and those meeting required application criteria will likely get submitted for IRWM implementation grant funding. Projects may move up through the ranking process over time as they are further developed or as DWR and/or the East Stanislaus region's goals and objectives, and program preferences change.

Thank you for your participation. If you have questions or comments, please visit our website at <http://www.eaststanirwm.org/> or contact Jim Alves, Associate Engineer at the City of Modesto, at jalves@modestogov.com or (209) 571-55572.



Project Name: [Click here to enter text.](#)

Lead Agency: [Click here to enter text.](#)

Minimum Requirements

If the Proposed Project does not meet the following requirements, it will not be considered for inclusion in the East Stanislaus IRWMP:

- *The Project must be within the boundaries of the East Stanislaus IRWM Planning Region or include part of the East Stanislaus IRWM Planning Region.*
- *The Project must meet at least one of the East Stanislaus Region's Goals & Objectives listed below. Check all that apply.*
- *The Project must fulfill at least one of the DWR's Resource Management Strategies and one of DWR's Statewide Priorities.*

East Stanislaus IRWM Regional Goals and Objectives

Water Supply Goal - To protect existing water supplies and water rights, and improve regional water supply reliability

Water Supply Objectives

- Provide a variety of water supply sources, Including recycled water, to meet all current and future demands (urban, agricultural and the environment) under various hydrologic conditions.
- Protect existing water rights.
- Implement water conservation plans for both urban and agricultural uses.
- Support monitoring and research to improve understanding of water supplies and needs.
- Address conveyance infrastructure needs.

Flood Protection Goal - To ensure flood protection strategies are developed and implemented through a collaborative process, utilizing both local and watershed-wide approaches designed to maximize opportunities for comprehensive water resource management

Flood Protection Objectives

- Develop outlines of regional projects and plans necessary to protect infrastructure from flooding and erosion from the 100-year event.
- Work with stakeholders to preserve existing flood attenuation by implementing land management strategies throughout the watershed.
- Develop approaches for adaptive management that minimizes maintenance requirements and protects water quality and availability while preserving and enhancing ecologic and stream functions, as appropriate.
- Provide community benefits beyond flood protection, such as public access, open space, recreation, agricultural preservation, and economic development.
- Protect, restore, and enhance the natural ecological and hydrologic functions of rivers, creeks, streams and their floodplains.



Water Quality Goal - To protect and improve water quality for beneficial uses consistent with regional interests and the RWQCB Basin Plan in cooperation with local, state and federal agencies and regional stakeholders

Water Quality Objectives

- Meet or exceed all applicable water quality regulatory standards.
- Deliver agricultural water to meet water quality guidelines established by stakeholders.
- Aid in meeting Total Maximum Daily Loads established, or to be established, for the Tuolumne River watershed.
- Protect surface waters and groundwater basins from contamination and threat of contamination.
- Manage existing land uses while preserving or enhancing environmental habitats.
- Minimize impacts from storm water through implementation of Best Management Practices, Low Impact Development or other similar projects.
- Promote programs and projects to reduce the quantity and improve the quality of urban and agricultural runoff.
- Promote and support regional monitoring to further understanding of water quality issues.

Environmental Protection and Enhancement Goal - To protect the environmental resources of the Stanislaus, Tuolumne, Merced and San Joaquin River watersheds by identifying, promoting and implementing opportunities to assess, restore and enhance natural resources of these watersheds

Environmental Protection and Enhancement Objectives

- Identify and incorporate (where possible and reasonable) opportunities to assess, protect, enhance, and/or restore natural resources when developing water management strategies.
- Minimize adverse effects on biological and cultural resources, including riparian habitats, habitats supporting sensitive plant or animal species, and archaeological sites when implementing strategies and projects.
- Identify opportunities for open spaces, trails and parks along creeks and other recreational projects in the watershed to be incorporated with water supply, water quality, or flood protection projects.
- Contribute to the long-term sustainability of agricultural, commercial, industrial, and urban land uses and activity within the basin.
- Identify opportunities to protect, enhance, or restore habitat to the support all watersheds in the Region in conjunction with water supply, water quality, or flood protection projects.
- Support projects to understand, protect, improve and restore the region's ecological resources.



Regional Communication and Cooperation Goal - To implement and promote this IRWM Plan through regional communication, cooperation, and education

Regional Communication and Cooperation Objectives

- Develop a forum for consensus decision-making and IRWM Plan implementation by regional entities.
- Build relationships with State and Federal regulatory agencies and other water forums and agencies to facilitate permitting of water-related projects and ensure continued consistency with state water plans.
- Facilitate dialogues between regional and inter-regional entities to reduce inconsistencies in water management strategies and to maximize benefits from water-related projects.
- Maintain avenues of communication with the general public and offering opportunities to provide feedback on the IRWM and water-related projects through the regional websites and other public forums.
- Identify opportunities for public education about water supply, water quality, flood management, and environmental protection.
- Identify and incorporate (where possible and reasonable) opportunities to assess, protect, enhance, and/or restore natural resources when developing water management strategies.

Economic and Social Responsibility Goal - To promote development and implementation of projects, programs, and policies that are socially impartial and economically sound

Economic and Social Responsibility Objectives

- Support the participation of disadvantaged communities in the development, implementation, monitoring and long-term maintenance of water resource projects.
- Develop cost-effective multi-benefit projects.
- Consider disproportionate community impacts to ensure environmental justice.
- Maximize economies of scale and governmental efficiencies.
- Protect cultural resources.
- Reduce energy use and/or use of renewable resources where appropriate.

Resource Management Strategies

A Resource Management Strategy (RMS) is a project, program, or policy that helps local agencies and governments manage their water and related resources. Place a check by the RMS that your project employs.

Reduce Water Demand

- Agricultural Water Use Efficiency
- Urban Water Use Efficiency

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Improve Operational Efficiency

- Conveyance – Delta
- Conveyance – Regional/local
- System Reoperation
- Water Transfers

Increase Water Supply

- Conjunctive Management & Groundwater Storage
- Desalination
- Precipitation Enhancement
- Recycled Municipal Water
- Surface Storage – CALFED
- Surface Storage – Regional/local

Improve Water Quality

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

Improve Flood Management

- Flood Risk Management

Practice Resource Stewardship

- Agricultural Lands Stewardship
- Economic Incentives (Loans, Grants and Water Pricing)
- Ecosystem Restoration
- Forest Management
- Recharge Area Protection
- Water-Dependent Recreation
- Watershed Management

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Other Strategies

- Crop Idling for Water Transfers
- Dewvaporation or Atmospheric Pressure Desalination
- Fog Collection
- Irrigated Land Retirement
- Rainfed Agriculture
- Waterbag Transport/Storage Technology

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

Project Info

Project Info

Project Name: [Click here to enter text.](#)

Organization: [Click here to enter text.](#)

Project Location / Coordinates

Latitude: [Click here to enter text.](#)

Longitude: [Click here to enter text.](#)

Contact

Primary Contact

Name: [Click here to enter text.](#)

Agency/Organization: [Click here to enter text.](#)

Title: [Click here to enter text.](#)

Email Address: [Click here to enter text.](#)

Phone Number: [Click here to enter text.](#)

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Secondary Contact

Name: Click here to enter text.

Agency/Organization: Click here to enter text.

Title: Click here to enter text.

Email Address: Click here to enter text.

Phone Number: Click here to enter text.

Description

Description

Project Category: Choose from Dropdown List

Project Type: Choose from Dropdown List

Project Description: Click here to enter text.

Pilot / Demonstration Project: Choose from Dropdown List *If yes, please explain.*

Click here to enter text.

Project Status (% complete): Click here to enter text.

Project Partners

Please list any project partners and their role in the project.

Click here to enter text.

Other Stakeholders

Please list any stakeholders to the project, including the name of the stakeholder and type (e.g. water supply purveyor, wastewater agency, flood control agency, local government, special district, power utility, State/federal/regional agency, school/university, environmental stewardship organization, community/civic organization, agriculture, Native American tribe, disadvantaged community, other).

Click here to enter text.

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Benefits

Please select the primary benefit provided by the project. Choose ONLY one.

- 1. Water Supply: Protect existing water supplies and water rights, and improve regional water supply reliability.
- 2. Water Quality: Protect and improve water quality for beneficial uses consistent with regional interests and the RWQCB Basin Plan in cooperation with local, state, and federal agencies and regional stakeholders.
- 3. Environmental Protection and Enhancement: Protect the environmental resources of the Stanislaus, Tuolumne, Merced, and San Joaquin River watersheds by identifying, promoting and implementing opportunities to assess, restore and enhance natural resources of these watersheds.
- 4. Flood Protection: Ensure flood protection strategies are developed and implemented through a collaborative process, utilizing both local and watershed-wide approaches designed to maximize opportunities for comprehensive water resources management.
- 5. Regional Communication and Cooperation: Implement and promote the East Stanislaus IRWM Plan through regional communication, cooperation, and education.
- 6. Economic and Social Responsibility: Promote development and implementation of projects, programs, and policies that are socially impartial and economically sound.

Does your project help the region meet additional benefits? If yes, please describe the benefits as applicable.

Water Supply Benefits: [Click here to enter text.](#)

Water Quality Benefits: [Click here to enter text.](#)

Environmental Benefits: [Click here to enter text.](#)

Flood Management Benefits: [Click here to enter text.](#)

Regional Communication and Cooperation Benefits: [Click here to enter text.](#)

Economic and Social Responsibility Benefits: [Click here to enter text.](#)

Describe any steps taken to provide multiple benefits from your project.

[Click here to enter text.](#)

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Feasibility

Project Start Date: [Click here to enter a date.](#)

Planning: Choose from Dropdown List **Estimated Completion:** [Click here to enter a date.](#)

Feasibility Study: Choose from Dropdown List **Estimated Completion:** [Click here to enter a date.](#)

EA/EIR/EIR: Choose from Dropdown List **Estimated Completion:** [Click here to enter a date.](#)

Pre-Project Monitoring: Choose from Dropdown List **Estimated Completion:** [Click here to enter a date.](#)

Design: Choose from Dropdown List **Estimated Completion:** [Click here to enter a date.](#)

Environmental Permits: Choose from Dropdown List **Estimated Completion:** [Click here to enter a date.](#)

Building/Other Permits: Choose from Dropdown List **Estimated Completion:** [Click here to enter a date.](#)

Construction/Implementation: Choose from Dropdown List **Estimated Completion:** [Click here to enter a date.](#)

Post Project Monitoring: Choose from Dropdown List **Estimated Completion:** [Click here to enter a date.](#)

Describe Environmental, Building and Other Permits Required for the Project.

[Click here to enter text.](#)

Cost/Funding

Project Funding

Year Basis for Estimates (2012\$?): [Click here to enter text.](#)

Total Estimated Capital Cost: \$ [Click here to enter text.](#)

Estimated Annual O&M Cost: \$ [Click here to enter text.](#)

Estimated Life of Project: [Click here to enter text.](#)

Replacement Part: [Click here to enter text.](#)

Estimated Replacement Cost: \$ [Click here to enter text.](#)

Year of Replacement: [Click here to enter text.](#)

Replacement Part: [Click here to enter text.](#)

Estimated Replacement Cost: \$ [Click here to enter text.](#)

Year of Replacement: [Click here to enter text.](#)

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Replacement Part: Click here to enter text.

Estimated Replacement Cost: \$ Click here to enter text.

Year of Replacement: Click here to enter text.

Total Estimated Project Cost: \$ Click here to enter text.

Local Funding: \$ Click here to enter text.

Source of Local Funding: Click here to enter text.

Total Cost Funding through Existing Grants: \$ Click here to enter text.

Total Estimated Cost Currently Unfunded: \$ Click here to enter text.

Project Cost Breakdown

Please enter estimated costs. If unknown, please state so.

Land Purchase / Easement	Click here to enter text.
Planning	Click here to enter text.
Design	Click here to enter text.
Environmental Review	Click here to enter text.
Permits	Click here to enter text.
Construction / Implementation	Click here to enter text.
Environmental Mitigation / Compliance	Click here to enter text.
Construction / Project Management	Click here to enter text.
Other	Click here to enter text.
Total	Click here to enter text.

Other Considerations

Disadvantaged Communities (DACs)

A DAC is a community with an annual median household income that is less than 80% of the Statewide annual median household income. Does your project help address critical water supply and water quality needs of DACs within the East Stanislaus Region?

Choose from Dropdown List *If yes, please describe which community(ies), how the project addresses its critical needs, and how the DACs were included in the planning or development of the project.*

Click here to enter text.



Native American Tribal Communities

Does your project help address critical water supply and water quality needs of Native American Tribal Communities within the East Stanislaus Region?

Choose from Dropdown List *If yes, please describe which tribe(s), how the project addresses its critical needs, and how the tribe(s) were included in the planning or development of the project.*

Click here to enter text.

Climate Change / Greenhouse Gas Emission Reduction

Does your project consider and/or address the effects of climate change on the region?

Choose from Dropdown List *If yes, please explain how.* Click here to enter text.

Does your project reduce greenhouse gas emissions?

Choose from Dropdown List *If yes, please explain how and show how much (provide calculation).* Click here to enter text.

Performance, Monitoring, and Data Management

What data will be collected from the project or monitoring of the project? Click here to enter text.

How will the data be disseminated/shared with the region? Click here to enter text.

How will the data be maintained? Click here to enter text.

Technical Feasibility

Is your project technically feasible; please describe? Click here to enter text.

What documents can you provide that demonstrate/document this technical feasibility?
Click here to enter text.

Are there data gaps that require additional studies to develop the project? Click here to enter text.

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If you are submitting a Ready-to-Proceed (RTP) project for consideration for inclusion in the East Stanislaus IRWMP, please be aware of the following as it relates to receiving future grant funding:

1. Conflict of Interest

All participants are subject to State and Federal conflict of interest laws, including business and financial disclosure provisions. Failure to comply will result in a grant application being rejected.

2. Confidentiality

Once a grant application is submitted to DWR, privacy rights and confidentiality protections are waived.

3. Labor Code Compliance

Should grant funding be received from DWR, the entity receiving funding must adopt and enforce a labor compliance program pursuant to California Labor Code §1771.5(b).

4. CEQA/NEPA Compliance

Project funded under the IRWM grant program must be compliant with the California Environmental Quality Act (CEQA). The recipient of grant funds must demonstrate that it is or has a plan to be compliant with all applicable CEQA and National Environmental Policy Act (NEPA) requirements. A schedule of when environmental documents will be completed is required.

5. Monitoring Requirements

Projects that affect water volume and quality shall include a monitoring component that allows the integration of data into State-wide monitoring efforts, including, but not limited to, the Surface Water Ambient Monitoring Program (SWAMP) and the Groundwater Ambient Monitoring and Assessment (GAMA) Program carried out by the State Water Resources Control Board.

6. Groundwater Management Plan Compliance

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



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.

8. **Requirements for Urban Water Suppliers**

An Urban Water Supplier is 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 suppliers must comply with the following:

- **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.*