



UPPER SANTA CLARA RIVER

Integrated Regional Water Management

ATTACHMENT 1 - AUTHORIZING DOCUMENTATION

Attached (Att1_PG2_CLWA_AuthorizingDocumentation_2of2) is the resolution adopted on February 8, 2012 by the Board of Director's of the Castaic Lake Water Agency (CLWA) designating the CLWA, an authorized representative, to file an application for a Round 2 Proposition 84 IRWM Planning Grant with the California Department of Water Resources and execute an agreement with the State of California for an IRWM Round 2 Planning Grant.



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RESOLUTION NO. 2840

RESOLUTION OF THE BOARD OF DIRECTORS OF THE CASTAIC LAKE WATER AGENCY GRANTING THE GENERAL MANAGER THE AUTHORITY TO APPLY FOR AN INTEGRATED REGIONAL WATER MANAGEMENT PLANNING GRANT AND TO EXECUTE A GRANT AGREEMENT WITH THE CALIFORNIA DEPARTMENT OF WATER RESOURCES

WHEREAS, the Castaic Lake Water Agency, City of Santa Clarita, Los Angeles County Flood Control District, San Gabriel and Lower Los Angeles Rivers and Mountains Conservancy, Newhall County Water District, Santa Clarita Valley Sanitation District of Los Angeles County, Santa Clarita Water Division of Castaic Lake Water Agency and Valencia Water Company, have established a Regional Water Management Group in accordance with the *Integrated Regional Water Management Planning Act of 2002*; and

WHEREAS, the State of California provides grant funds for the integrated regional water management pursuant to the Safe Drinking Water, Water Quality and Supply, Flood Control, River and Coastal Protection Bond Act of 2006 (Proposition 84); and

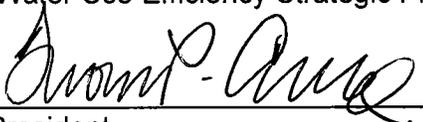
WHEREAS, this grant program is administered by the Department of Water Resources; and

WHEREAS, the Department of Water Resources requires the grant applicant to designate, by resolution, an authorized representative for filing the grant application and executing the Grant Agreement; and

WHEREAS, the Castaic Lake Water Agency, as a member of the Regional Water Management Group of the Upper Santa Clara River Watershed Integrated Regional Water Management Plan, has the ability and desire to prepare and apply for a Round Two Planning Grant under Proposition 84.

NOW, THEREFORE, BE IT RESOLVED, by the Board of Directors, the governing body of the Castaic Lake Water Agency, resolves and orders as follows:

- 1) The General Manager is authorized and directed to file an application with Department of Water Resources to obtain an Integrated Regional Water Management Planning Grant pursuant to the Safe Drinking Water, Water Quality and Supply, Flood Control, River and Coastal Protection Bond Act of 2006 (Public Resource Code [PRC] Section 75001 *et seq.*).
- 2) The General Manager is authorized and directed to enter into and execute an agreement with the Department of Water Resources to receive a grant for (1) updating the Castaic Lake Water Agency's Recycled Water Master Plan and preparing the associated California Environmental Quality Act documentation and (2) updating the Santa Clarita Valley Water Use Efficiency Strategic Plan.



President

I, the undersigned, hereby certify: That I am the duly appointed and acting Secretary of the Castaic Lake Water Agency, and that at a regular meeting of the Board of Directors of said Agency held on February 8, 2012, the foregoing Resolution No. 2840 was duly and regularly adopted by said Board, and that said resolution has not been rescinded or amended since the date of its adoption, and that it is now in full force and effect.

DATED: February 8, 2012


Secretary



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ATTACHMENT 2 – ELIGIBLE APPLICANT DOCUMENTATION

1. Is the applicant a local agency as defined in Appendix B of the Guidelines? Please explain.

Answer: Yes. The applicant for the Integrated Regional Water Management Planning Grant is the Castaic Lake Water Agency (CLWA). CLWA is a public agency, as defined in Appendix B of the Guidelines, which is defined as any city, county, city and county, special district, joint powers authority, or other political subdivision of the State, a public utility as defined in Sections 216 of the Public Utilities Code, or a mutual water company as defined in Section 2725 of the Public Utilities Code (California Water Code § Section 10535). The CLWA is a public agency formed and established by the California State Legislature in 1962 for the principal purpose of providing imported Northern California water for use within and adjacent to the Santa Clarita Valley (refer CWC Appendix § Section 103).

2. What is the statutory or other legal authority under which the applicant was formed and is authorized to operate?

Answer: Applicant was formed and is authorized to operate pursuant to California Water Code Appendix, Chapter 103 adopted in 1962.

3. Does the applicant have legal authority to enter into a grant agreement with the State of California?

Answer: Yes.

The CLWA has the legal authority to enter into a grant agreement as cited in the February 8, 2012 resolution, which is attached (Att1_PG2_CLWA_AuthorizingDocumentation_2of2). The resolution authorizes the CLWA to file an application for a Round 2 Proposition 84 IRWM Planning Grant, designates the CLWA as the authorized representative to file the application with the California Department of Water Resources and authorizes CLWA to execute an agreement with the State of California for an IRWM Planning Grant.

4. Describe any legal agreements among partner agencies and/or organizations that ensure performance of the proposal and tracking of funds.

Answer: CLWA may enter into an agreement with an outside entity to assist with grant administration functions. Such an agreement would be prepared upon award of the Proposition 84 funds to ensure performance of the proposal and the tracking of funds. Should CLWA enter into a grant agreement with the State, the scope of work contained herein will become a requirement and will be submitted along with other items required by the grant contract.



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ATTACHMENT 3 - WORK PLAN

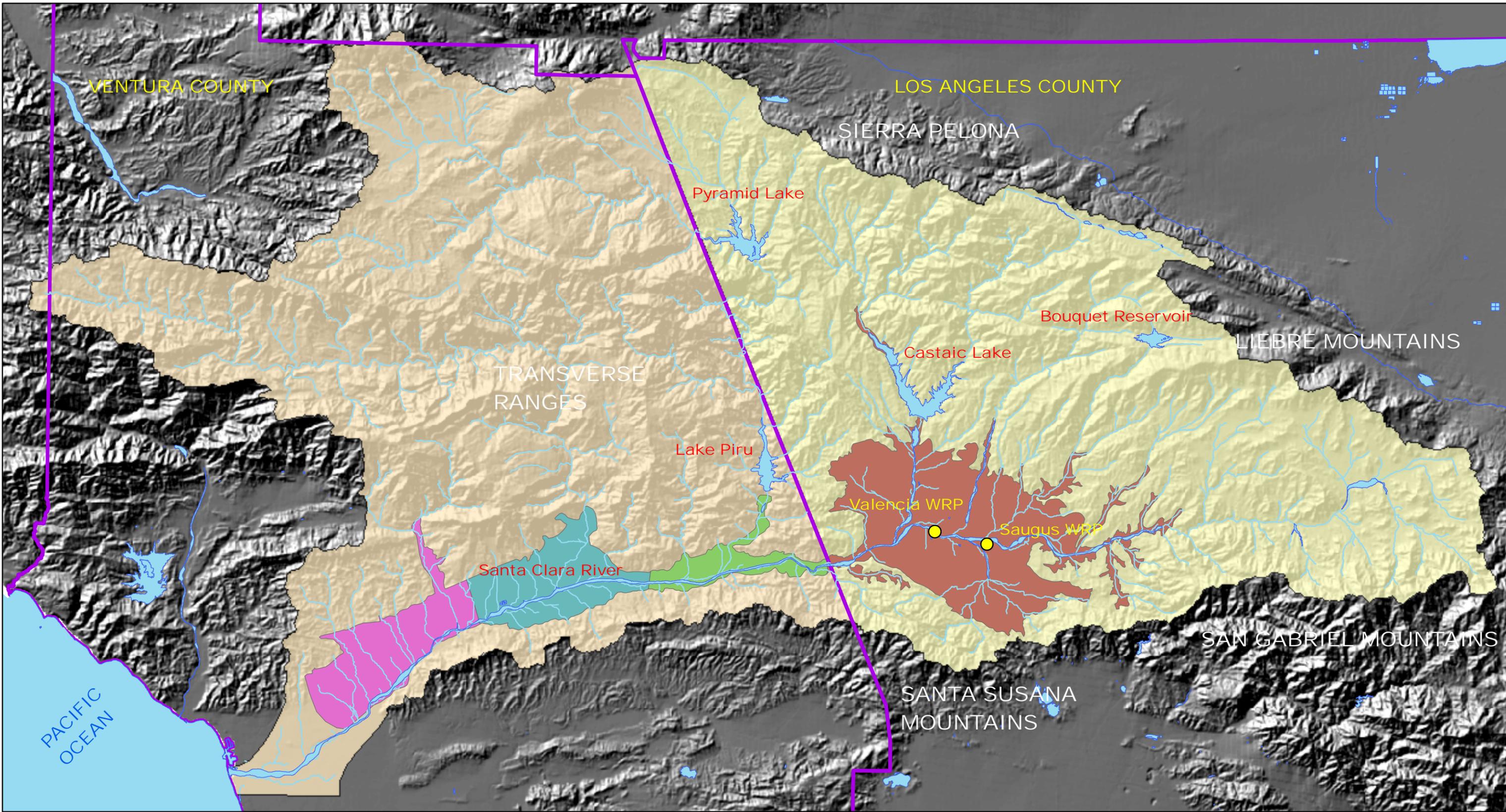
3.1 Current Status in Meeting IRWM Standards

The Upper Santa Clara River IRWMP is a complete plan that has been adopted by each of seven RWMG members, as well as collectively as the Regional Water Management Group (RWMG). The Upper Santa Clara River IRWMP currently meets all of the former Proposition 50 IRWM Guidelines, as well as meeting many of the new Proposition 84 Guidelines. The region is currently updating its Plan and conducting two technical studies, a climate change technical study and a Salt and Nutrient Management Plan with funds received in the Planning Grant Round 1 for those Proposition 84 Standards that needed further development.

The following discussion identifies, by Proposition 84 Standard, a status update as to where the Plan stands in terms of compliance with each of the sixteen separate standards and indicates where more work is necessary or where modification of the Plan is desired. Special note is made to highlight where the grant work plan content will highlight or contribute to compliance with these standards. This is also summarized in Table 3-1.

Work plan tasks that will be performed as part of the grant proposal are discussed in section 3.2 and include the update of the Agency's Recycled Water Master Plan and associated California Environmental Quality Act documentation, the update of the Santa Clarita Valley Water Use Efficiency Strategic Plan, and overall Grant Administration.

Figures 3-1 and 3-2 provide the IRWMP Region boundary and the hydrological features within the Region.



Legend

● Water Reclamation Plants	Watershed
Groundwater Basin	 Lower Santa Clara River
 EASTERN	 Upper Santa Clara River
 PIRU	
 FILLMORE	
 SANTA PAULA	

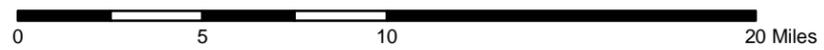
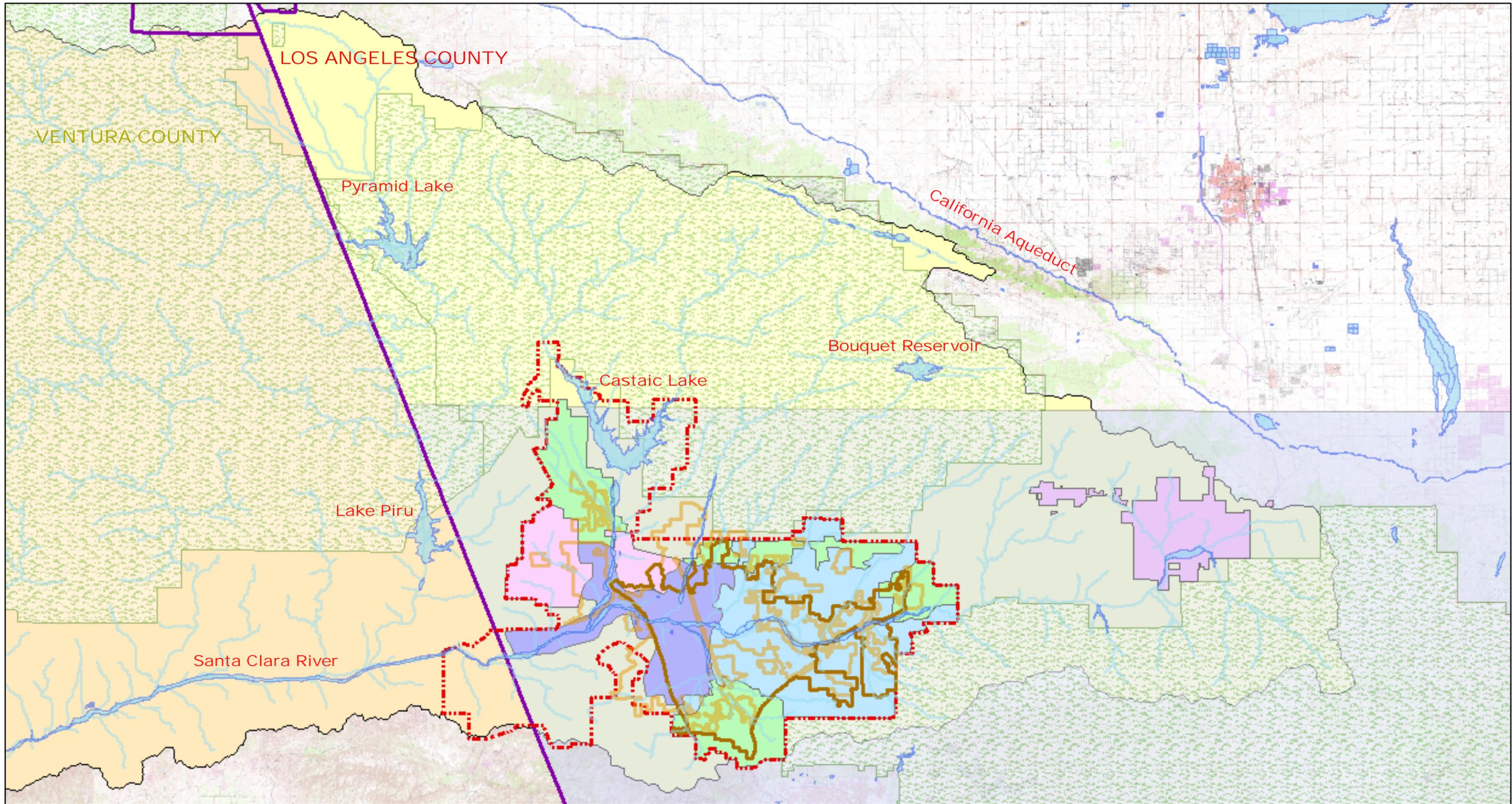


Figure 3-1
Upper Santa Clara River Watershed
Hydrologic Features



Legend			
	Upper Santa Clara River		Valencia Water Company
	Santa Clarita		LA County WaterWorks District 36
	Santa Clarita Valley Sanitation District		Santa Clarita Water Company
	CLWA		Newhall County Water District
			LA County WaterWorks District 37
			US Forrest Service Boundary
			LA County Flood Control Boundary
			Lower Santa Clara River



Figure 3-2
Upper Santa Clara River
Watershed/IRWMP Region



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**TABLE 3-1
CURRENT STATUS IN MEETING THE IRWM PLAN STANDARDS**

PROPOSITION 84 STANDARD	STATUS	SPECIFIC STANDARD STATUS
Governance	Standard will be met with plan language being revised or amended with Planning Grant Round 1 funds. Revised plan anticipated (March 2013).	The RWMG governance structure is based on an intention to ensure balanced representation across the IRWMP's three main regional objectives (i.e., water supply, water quality, and resources stewardship), as well as geographic diversity across the Region. The RWMG has the participation of at least three public agencies, two of which have statutory authority over water management. The members of the RWMG are Castaic Lake Water Agency, City of Santa Clarita, Los Angeles County Flood Control District, Newhall County Water District, Santa Clarita Water Division of Castaic Lake Water Agency, Santa Clarita Valley Sanitation District of Los Angeles County, Valencia Water Company, and the San Gabriel and Lower Los Angeles San Gabriel Rivers and Mountains Conservancy. The RWMG's governance structure involves cooperation from the public, stakeholders, project proponents, and RWMG members. In general, the RWMG monitors IRWMP requirements/developments, and makes administrative decisions (including managing the grant application/administration process, paying for consultant(s), and preparing stakeholder agendas/meeting materials). Broader decisions that are needed (such as nominating RWMG members, making any required changes to the Plan necessary to meet funding guidelines, and updating the IRWMP) are brought to the stakeholders, and a decision is sought through a collaborative process, with stakeholders voting on the decision if needed. Through the IRWMP process, entities have built working relationships that guide ongoing IRWMP planning and implementation. Additionally, the governance structure for the Upper Santa Clara River IRWMP is designed to encourage regional participation and to accept project proposals on an ongoing basis.
Region Description	Standard will be met with plan language being revised or amended with Planning Grant Round 1 funds. Revised plan anticipated (March 2013).	The IRWMP discusses the general impacts of climate change in its description of regional water resources and focuses of the potential impacts of climate change on the reliability of supply from the State Water Project. Using Planning Grant funds received from Round 1, the region description is currently being updated to further identify the potential vulnerabilities to water resources in the IRWMP Region to projected climate change. Climate change scenarios are being defined consistent with the 2011 Draft DWR State Water Project Reliability Report. Vulnerable watershed characteristics are being defined and include hydrology, watershed landscape, water supply and demand, groundwater recharge, ecosystem, and other characteristics such as weather, changes in the amount, intensity, timing, quality, and variability of runoff and recharge; and effects of sea level rise (on imported water



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PROPOSITION 84 STANDARD	STATUS	SPECIFIC STANDARD STATUS
Objectives	Standard will be met with plan language being revised or amended with Planning Grant Round 1 funds. Revised plan anticipated (March 2013). <i>** The Recycled Water Master Plan Update and Update of the Santa Clarita Valley Water Use Efficiency Strategic Plan will assist in developing technologically feasible and quantifiable objectives relating to water demand and water supply. The two Updates may also result in updating of regional priorities.</i>	<p>supply by DWR). The region description is also being updated to include an assessment and ranking of these vulnerabilities.</p> <p>The objectives in the IRWMP are being assessed as part of the IRWMP current update process. The IRWMP objectives will be discussed in the context of climate change with regard to potential for changes in the amount, intensity, timing, quality and variability of runoff and recharge in addition to the need to consider the effects of sea level rise on water supply conditions and to identify suitable adaptation measures. One of the current IRWMP objectives is an improvement in water quality. The increase in water supply by means of recycled water use is an IRWMP objective. Updating of the Recycled Water Master Plan will identify the current and future recycled water demands within the Valley. Based on this, the quantifiable objective will be modified. Likewise, the Santa Clarita Valley Water Use Efficiency Strategic Plan will identify how much conservation will be needed in the future, which will assist in modifying the 'reduce water demand' objective target.</p> <p>The objectives in the IRWMP are the following. One quantifiable target is provided for each (however in the IRWMP there may be additional quantifiable targets identified for any particular target):</p> <p>Reduce Water Demand Implement technological, legislative and behavioral changes that will reduce user demands for water. <i>Ten (10) percent overall reduction in projected urban water demand throughout the Region by 2030 through implementation of water conservation measures.</i></p> <p>Increase Water Supply Understand future regional demands and obtain necessary water supply sources. <i>Increase use of recycled water by up to 17,400 acre-feet per year (AFY) by 2030, consistent with health and environmental requirements.</i></p> <p>Improve Water Quality Supply drinking water with appropriate quality; improve groundwater quality; and attain water quality standards. <i>Comply with existing and future Total Maximum Daily Load (TMDLs).</i></p> <p>Improve Operational Efficiency <i>Maximize water system operational flexibility and efficiency, including energy efficiency. With assistance of local energy utility, perform electrical audit on all wholesale and purveyor water facilities once</i></p>



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PROPOSITION 84 STANDARD	STATUS	SPECIFIC STANDARD STATUS
Resource Management Strategies	Standard will be met with plan language being revised or amended with Planning Grant Round 1 funds. Revised plan anticipated (March 2013). <i>** The Recycled Water Master Plan Update and Update of the Santa Clarita Valley Water Use Efficiency Strategic Plan may result in updating of the resource management strategies.</i>	<i>every five years.</i> The IRWMP currently evaluates the 24 water management strategies contained within the California Water Plan. Since the release of the 2009 Update of the California Water Plan, the following strategies have been added, which will be considered in the IRWMP Update: Forest Management, Land Use Planning and Management (formerly Urban Land Use Management), and Improve Flood Management. The stakeholders considered these additional strategies at an IRWMP Stakeholder meeting in January (2012) and evaluated them for applicability to the Region. Additionally, the IRWMP must identify and implement “No-Regrets” Adaptation Strategies to the general effects of climate change, such as meadow and forest restoration, flood plain protection, and water use efficiency. The Climate Change Technical Study will help to identify the “No-Regrets” Adaptation Strategies that will be most effective and appropriate for this Region. These will be discuss with the Stakeholders again in the context of climate change at a future Stakeholder meeting.
Integration	Standard is met with existing plan language.	The IRWMP has a successful framework to ensure collaboration between entities and integration of projects so as to achieve multiple benefits. The IRWMP meets the new standard and the update that is currently underway will continue to use this successful format for integration.
Project Review Process	Standard will be met with plan language being revised or amended with Planning Grant Round 1 funds. Revised plan anticipated (March 2013). <i>** The Recycled Water Master Plan Update and Update of the Santa Clarita Valley Water Use Efficiency Strategic Plan will help to identify new candidate projects for submittal to the IRWMP.</i>	Using Planning Grant funds received from Round 1, the project review process will be refined over the next 9 months to meet the new standard. As part of that process, projects included in the IRWMP, and additional projects deemed necessary, will be assessed for their ability to adapt to potential climate change impacts and for the benefits the project will provide. The project review process will include as assessment of the contribution of the project reducing greenhouse gas (GHG) emissions as compared to project alternatives, and California Environmental Quality Ace (CEQA) project-level analysis with respect to GHG emissions. The IRWMP will not yet provide a calculation of GHG emissions on a project-by-project basis, but it will use the results of the Climate Change Technical Study to discuss this on an analytical level.



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Impacts And Benefits	Standard will be met with plan language being revised or amended with Planning Grant Round 1 funds. Revised plan anticipated (March 2013).	The IRWMP meets the majority of the new standard. However, the discussion is currently being updated to include the discussion of impacts and benefits between regions, as well as those directly affecting disadvantaged communities (DAC), Environmental Justice related concerns, and Native American tribal communities, and including the benefits of environmental stewardship in order to meet the standard completely.
Plan Performance And Monitoring	Standard will be met with plan language being revised or amended with Planning Grant Round 1 funds. Revised plan anticipated (March 2013).	The plan performance and monitoring discussion contained within the IRWMP meets the majority of the standard but is currently being updated to provide a discussion of policies and procedures that promote adaptive management with respect to the effects of climate change. The Stakeholders and RWMG have devoted monthly meetings to the discussion of updating existing data, IRWMP objectives, regional priorities, and statewide priorities for relevance and these are being modified as needed to ensure the overall IRWMP reflects regional changing needs. Additionally, Candidate Projects will be reviewed and they will be evaluated as part of the Update schedule to ensure that the current plan objectives will be met and the resulting Plan Projects offer the greatest benefit possible. This ongoing review and update allow the plan to undergo “adaptive management”, e.g., allows the IRWMP to evolve to changing conditions, and incorporate new data (e.g., climate change vulnerabilities).
Data Management	Standard will be met with plan language being revised or amended with Planning Grant Round 1 funds. Revised plan anticipated (March 2013).	Using Planning Grant funds received from Round 1, the IRWMP is currently being updated with a Data Management System that will help track and document the progress of IRWMP implementation and for storing and disseminating data from monitoring efforts. A discussion of how findings or “lessons learned” from project-specific monitoring efforts will be included to improve the RWMG’s ability to implement future projects in the IRWM Plan.

*** Data obtained for the Recycled Water Master Plan Update and Update of the Santa Clara Valley Water Use Efficiency Strategic Plan will be used to update the technical analysis portions and data management chapters. Both studies will also be filling in data deficiencies identified in the Plan.*



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Finance	Standard will be met with plan language being revised or amended with Planning Grant Round 1 funds. Revised plan anticipated (March 2013).	The IRWMP meets most of the new finance standard. However, the discussion is currently being updated to add an explanation of how operation and maintenance (O&M) costs for projects that implement the IRWMP would be covered and the certainty of O&M funding in order to meet the standard completely.
Technical Analysis	Standard will be met with plan language being revised or amended with Planning Grant Round 1 funds. Revised plan anticipated (March 2013). <i>** The Recycled Water Master Plan Update and Update of the Santa Clarita Valley Water Use Efficiency Strategic Plan will assist in developing technologically feasible and quantifiable objectives relating to water demand and water supply.</i>	The IRWMP meets most of the technical analysis standard. The IRWMP includes a detailed listing and categorization of the documents used to develop the baseline information and technical analyzes for the development of the IRWMP. Updating of the IRWMP includes a review of these documents and updating if necessary as well as identifying new relevant technical documents that should be reviewed to support the IRWMP. Given the new standards, the expanded scope of the technical analysis, and review of current planning documents, an updated report on deficiencies, priority for filling the gaps, and plan to address them are part of the current update process.
Relation To Local Water Planning	Standard is met with existing plan language. <i>** The Recycled Water Master Plan Update and Update of the Santa Clarita Valley Water Use Efficiency Strategic Plan will require close coordination among the wholesale and retail water agencies, potential recycled water customers, and land use developers.</i>	The IRWMP currently meets this standard. However, in order for the Plan to meet the requirements of the climate change standard, the IRWMP is being updated to consider and incorporate the water management issues and climate change adaptation and mitigation strategies from local planning document.



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Relation To Local Land Use Planning	<p>Standard is met with existing plan language.</p> <p><i>** The Recycled Water Master Plan Update and Update of the Santa Clarita Valley Water Use Efficiency Strategic Plan will both tie in to the next update of the Urban Water Management Plan (2015), and require coordination with local planning agencies and with the Los Angeles County and City of Santa Clarita's One Valley One Vision document General Plan Updates.</i></p>	<p>The IRWMP currently meets this standard. However, in order for the Plan to meet the requirements of the climate change standard, the IRWMP is being updated to include a discussion of the region's demonstrated information sharing and collaboration with regional land planning efforts being undertaken in order to manage multiple water demands throughout the state, to adapt to water management systems to climate change, and potentially offset climate change impacts to water supply in California.</p>
Stakeholder Involvement	<p>Standard is met with existing plan language.</p>	<p>The IRWMP currently meets this standard. The IRWMP was developed and continues to operate via a broad public process focused on outreach through meetings, community events, direct emails, mailings, and face to face interaction to maintain Stakeholder involvement. Stakeholders, including DACs, were and continue to be able to directly interact with the IRWMP by adding projects to the list of Candidate Projects for implementation of the IRWMP, assisting in development and updating of the resource management strategies and objectives through consensus based interactive stakeholder meetings.</p>
Coordination	<p>Standard will be met with plan language being revised or amended with Planning Grant Round 1 funds. Revised plan anticipated (March 2013).</p>	<p>The IRWMP is currently being updated to include mention of California Natural Resource Agency's California Adaptation Strategy process and the RWMG's consideration of membership in the California Climate Action Registry which is a future Stakeholder meeting agenda topic. The Plan will also be updated with the Region's coordination ongoing efforts with other adjacent planning regions including: the joint Climate Change Workshop that is being sponsored between the Watershed Coalition of Ventura County (WCVC), USCR, and Santa Barbara County IRWMP Regions, the Watershed Awareness Month of May activities in which a number of IRWMP projects are being highlighted within the watershed also co-sponsored by the USCR and WCVC IRWMP Regions, and the participation by both the WCVC and USCR IRWMP members in each other's regular Stakeholder meetings to ensure that the entire watershed is protected and managed appropriately.</p>



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Climate Change	Standard will be met with plan language being revised or amended with Planning Grant Round 1 funds. Revised plan anticipated (March 2013).	Using Planning Grant funds received from Round 1, the RWMG has commissioned a Climate Change Technical Study that will identify vulnerability of the Region to climate change, evaluate potential climate change impacts, identify and evaluate potential adaptation strategies, and will made recommendations as to how to collect and utilize greenhouse gas emissions data within the IRWMP framework. The study will then be used to update the IRWMP so that it will meet the requirements of the climate change standard.



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3.1.1 Disadvantaged Community Outreach Process

During development of the IRWMP, no communities that met the definition as defined in the Water Code of a Disadvantaged Community (DAC) were identified, but there are pockets of lower income areas that may have issues similar to DACs, such as inability to access to information, for example. In the spirit of providing “a safe, clean, affordable, and sufficient water supply to meet the needs of California residents, farms, and businesses”, a DAC Outreach Subcommittee was formed along with the development of a DAC outreach strategy to reach these communities, which will include parts of Newhall and Canyon Country.

As part of this strategy, the RWMG contacted other groups known to deal with DAC issues, such as the City of Santa Clarita Housing Department and the Newhall Community Center. Individuals working on the IRWMP visited the Newhall Community Center and spoke with their staff. Center staff suggested the RWMG work with their teacher of the English as a Second Language (ESL) class. A professional outreach consultant was utilized to prepare materials in both English and Spanish and the Newhall Community Center teacher used those materials as part of the course work. This was a very effective way to communicate these issues rather than simply placing an article in a publication with an overly broad target audience. This was face to face interaction being delivered by someone this group of people had an existing relationship with and trusted. It also afforded the opportunity to expand the number of people who received the information. The Newhall Community Center is extensively used and the community who use it take great pride in the programs that are offered there. When the Center was being planned, the community was an integral part of the design and location of the building and it functions as an extended family for many that use it. Similar resources exist in Canyon Country including a public library.

In addition to providing this IRWMP information in the ESL classes, Stakeholders presented IRWMP information at the Emergency Expo and Arbor Day events. Both are City of Santa Clarita events, attended by thousands of people, and were very successful in engaging the community on IRWMP issues. Open channels of communication and good working relationships have also been established between agencies/companies of the Santa Clarita Valley and the Tataviam Band of Mission Indians due to several development projects involving their lands.

These specific efforts of direct emails, mailings, face to face interaction, event participation, classroom instruction, flyers, notices, surveys, and presentations were performed to get environmental groups, conservancy groups, well owner groups, DACs, water suppliers, municipalities, sanitation districts, flood control districts, American Indian Tribes, developers, landowners, adjacent IRWM areas, State agencies, elected representatives, and the like to take part in the IRWMP. With the involvement of the Stakeholders, the facilitation meetings, the tracking of Stakeholder comments, and the efforts to incorporate those comments into the IRWMP the group has been able to incorporate a broad range of input and ideas.



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With the recent completion of the County of Los Angeles's One Valley One Vision (OVOV) land use planning document, the OVOV update of the City of Santa Clarita General Plan, and the 2010 Census data, there is a wealth of new information available to assist in identifying existing and potential new stakeholders, including DAC's, tribal communities, and environmental justice communities. These types of outreach efforts are continual efforts as part of the USCR IRWMP and will be throughout the IRWMP Update.

3.2 Grant Work Plan Content (Work Plan Tasks)

Funding is being requested from the Round 2 Planning Grant solicitation for the following work plan tasks. These technical studies directly support the technical feasibility of the objectives in the IRWMP.

Task 1 RECYCLED WATER MASTER PLAN UPDATE

The CLWA requires an update of its 2002 Recycled Water Master Plan in order to compile the latest information with regard to potential recycled users, design of infrastructure and the availability of recycled water to serve them. The project would require an investigation to identify all large landscape irrigators and other non-potable water users and their proximity to an updated list of potential sources of recycled water. This data will then be used to prepare various recycled water system designs and cost evaluations to determine a suite of options for recycled water delivery that reflect current regulatory requirements. The recycled water system options will then be matched with potential water conservation program portfolios to arrive at a cost-effective and realistic strategy to meet the State's requirements of 20 percent per capita water conservation by 2020 (SBx7-7).

Subtask 1.1: Recycled Water User Map and Hydraulic Model Update

- 1.1.1 Collect updated potential recycled water users from water purveyors.
- 1.1.2 Map the potential recycled water users in a Geographic Information System (GIS) program.
- 1.1.3 Collect the purveyor's potable pressure zone information and incorporate the information in GIS.
- 1.1.4 Establish recycled water pressure zones.
- 1.1.5 Create a hydraulic model to incorporate the potential recycled water user demands and pressure zones.



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Subtask 1.2: Draft Recycled Water System Analysis

- 1.2.1 Evaluate the potential recycled water users, and their demands per pressure zone.
- 1.2.2 Determine the recycled water system seasonal storage requirements and identify potential seasonal storage locations.
- 1.2.3 Evaluate the recycled water system and determine a cost effective layout.

Subtask 1.3: Draft Recycled Water Master Plan

- 1.3.1 Review previous recycled water documents to include but not limited to the Recycled Water Master Plan dated May 2002, Recycled Water Program EIR for the May 2002 Recycled Water Master Plan, Recycled Water Phase 2A Preliminary Design Report, Recycled Water Program Phase 2A Environmental Documents, Honby Pump Station Technical Memorandum, Seasonal Storage Evaluation, System Optimization Technical Memorandum, and the Amended Engineer's Report for the existing Recycled Water System.
- 1.3.2 Review the draft recycled water rules and regulations and Sanitation District Agreement and incorporate related information into the master plan.
- 1.3.3 Finalize the draft recycled water system analysis and coordinate with the water purveyors and Sanitation District of Los Angeles County.
- 1.3.4 Identify and evaluate the recycled water system implementation phases including but not limited to the phase limits, phase demands, costs, and schedule.
- 1.3.5 Revise the recycled water hydraulic model to incorporate the latest system analysis and implementation phases.
- 1.3.6 Prepare the Draft Recycled Water Master Plan.
- 1.3.7 Present and coordinate the Draft Recycled Water Master Plan with the purveyors and the Sanitation District of Los Angeles County.

Subtask 1.4: Final Recycled Water Master Plan

- 1.4.1 Review comments from the various reviewers and revise the master plan accordingly.
- 1.4.2 Finalize the recycled water hydraulic model accordingly.
- 1.4.3 Prepare the Final Recycled Water Master Plan.



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- 1.4.4 Present the Final Recycled Water Master Plan with the local water purveyors and the SCV Sanitation District of Los Angeles County.

Task 1 Deliverables:

- Recycled Water User Map
- Hydraulic Model
- Draft and Final Recycled Water Master Plan

Task 2 RECYCLED WATER MASTER PLAN ENVIRONMENTAL IMPACT REPORT

Update of the Recycled Water Master Plan will require the preparation of a new subsequent Programmatic Environmental Impact Report pursuant to the California Environmental Quality Act.

Subtask 2.1: Project Kick-off

Meet with Agency staff in a project kick-off meeting to review program tasks, schedule, existing documents and data, and address questions and data needs, and visit the project sites.

Subtask 2.2: Notice of Preparation

Prepare Notice of Preparation and mail to list of appropriate agencies supplied by CLWA.

Subtask 2.3: Conduct Regular Meetings

- 2.4.1 Prepare for and conduct regular scheduled meetings with Agency staff and General Counsel to review progress and address issues.
- 2.4.2 Provide all necessary exhibits and documents required for presentation on environmental topics for public meetings and hearings.
- 2.4.3 Prepare and provide minutes to Agency for review and for the files for all project-related meetings with Agency staff and outside entities. Assume an average one to two-hour meeting every 4 weeks over a 12-month period.



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Subtask 2.4: Draft Environmental Impact Report (EIR)

- 2.4.1 Prepare draft EIR for the Recycled Water Master Plan Update, necessary to satisfy the latest requirements of CEQA.
- 2.4.2 Prepare Notice of Availability and file Notice of Completion of the draft EIR with the State Office of Planning and Research.
- 2.4.3 Distribute draft EIR, either as a PDF or as a hardcopy, as specified by CLWA according to list of appropriate agencies supplied by CLWA.

Subtask 2.5: Review Comments on DEIR

- 2.5.1 Prepare drafts of the EIR at appropriate times for review by Agency staff. Provide five (5) copies of each draft for Agency review and comments.
- 2.5.2 Prepare responses to comments on the final draft EIR, including consultation with federal and state agencies if endangered species or habitat are identified.
- 2.5.3 Prepare Notice of Determination within five working days of deciding to carry out the project and file with the State Office of Planning and Research. Also file the Notice with the county clerk of the county or counties in which the project is located.

Subtask 2.6: Prepare Final EIR

- 2.6.1 Prepare and provide copies of Final EIR documents as necessary for review by local, state, federal agencies and others.
- 2.6.2 Prepare Notice of Determination
- 2.6.3 Prepare the administrative record as part of the Final EIR.

Subtask 2.7: Project Management

The primary objectives of the project management task are to: 1) ensure that project schedule and budget are met; 2) document project activities (progress reports and meetings); and 3) ensure that project work and deliverables meet quality objectives.

Task 2 Deliverables:

- Notice of Preparation



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- Draft and Final EIR
- Administrative Record

Task 3 STRATEGIC WATER USE EFFICIENCY PLAN UPDATE

The Santa Clarita Valley Family of Water Suppliers (the Suppliers) joined together in 2007 to develop a plan to ensure the efficient use of water in the Santa Clarita Valley (Valley). The Santa Clarita Valley Water Use Efficiency Strategic Plan (SCV WUE SP) was finalized in 2008 and included programs and projects that were targeted to effectively reduce the per capita water use in the Valley by at least 10% by 2030. In 2010/2011, the Suppliers were awarding funding from the Proposition 84 Round 1 Implementation Grant Program to fund 4 conservation programs identified within the SCV WUE SP.



With current law (SBX7-7) mandating a 20% reduction in water demand by 2020, it becomes necessary to update the SCV WUE SP. At a minimum, an update of the SCV WUE SP shall analyze current data on water consumption in the Valley, assess current conservation efforts that have followed the SCV WUE SP, those that have deviated from the SCV WUE SP by necessity and those that are independent of the SCV WUE SP, identify additional water conservation programs, analyze cost benefits, and recommend a plan of action.

It is important the SCV WUE SP update also include an interactive model (i.e., spreadsheet) that is able to be modified by the Suppliers as conditions change in years to come.

Subtask 3.1: Analysis of Data

Use data from the 2010 Urban Water Management Plan (UWMP), data being developed to update the Agency's Recycled Water Master Plan and the original Santa Clarita Valley Water Use Efficiency Strategic Plan (2008) as well as more recent data from the Suppliers (e.g., survey results from O'Rorke and the Family of Water Suppliers, etc.) to describe historical consumption patterns, saturation of the market with water-efficient fixtures, willingness of the community to adopt various measures, compliance with the CUWCC MOU, and other issues or trends as they emerge.

Subtask 3.2: Assess Conservation Efforts

Review current conservation programs at the Suppliers (retailers and wholesaler) terms of scope and effectiveness of water savings.



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Subtask 3.3: Identify and Develop Water Conservation Measures

- 3.3.1 Describe potential water conservation programs for residential (single and multi-family), commercial, industrial, institutional and landscape water use to
 - a. achieve 10% reduction in GPCD by 2015 (in conjunction with recycled water programs that will be identified in the Recycled Water Master Plan Update)
 - b. achieve 20% reduction in GPCD by 2020 (in conjunction with recycled water programs that will be identified in the Recycled Water Master Plan Update)
 - c. achieve “on track” status with the CUWCC’s Best Management Practice (BMP) requirements for members of the Suppliers
- 3.3.2 Develop in detail both water conservation measures that are quantifiable and those that are non-quantifiable (e.g., social marketing).
- 3.3.3 Document the underlying assumptions used for calculating water savings.

Subtask 3.4: Assess Cost-Effectiveness

Taking into consideration alternative levels of recycled water use identified in the Draft Update of the Recycled Water Master Plan, analyze prospective water conservation programs in terms of cost-effectiveness and rank programs by their appropriateness to the Santa Clarita Valley. Programs should be divided between the efforts of the wholesaler and the retailers as well as potentially cooperative efforts. Ideally, the wholesale agency would provide some baseline programs (e.g., High Efficiency Toilet [HET] rebates) and the retail agencies would provide programs that are specific to their service area (e.g., commercial and industrial audits in service areas with CII customers).

At this point, the Suppliers would like to review work efforts to date prior to development of the plan.

Subtask 3.5: Create a Conservation Plan

- 3.5.1 Create a customized plan for multiple conservation programs that includes costs, benefits, social acceptance and partnership opportunities for achieving 10% reduction in gallons per capita per day (GPCD) by 2015, 20% reduction in GPCD by 2020 and “on track” status with the CUWCC’s BMP requirements.
- 3.5.2 Identify a methodology for an evaluation of the conservation plan post-implementation.
- 3.5.3 Assess conservation staffing levels at wholesale and retail agencies.
- 3.5.4 Identify and describe potential funding opportunities.



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- 3.5.5 Evaluate the conservation requirements needed in concert with projected recycled water use to meet SBx7-7 requirements. Text will be provided, either separately or as an appendix that can facilitate the completion of the Recycled Water Master Plan Update towards this effort.

Subtask 3.6: Project Management

The primary objectives of the project management task are to: 1) provide close coordination among the retailers, the project team, and other involved parties; 2) ensure that project schedule and budget are met; 3) document project activities (progress reports and meetings); and 4) ensure that project work and deliverables meet quality objectives.

Task 3 Deliverables:

- Draft and Final Strategic Water Use Efficiency Plan Update
- Text/Chapter to support the Recycled Water Master Plan Update

Task 4 GRANT ADMINISTRATION

This task is to administer and manage project activities and the overall project schedule and budget to ensure that the project is completed efficiently and successfully. Project management activities will include budget and schedule control and quality assurance and quality control (QA/QC) for the duration of the project. This task also includes the development and submittal of quarterly reports to DWR. Quarterly reports will include project progress reports, upcoming work, schedule, budget, and other pertinent information.

Task 4 Deliverables:

- Proposal Quarterly Reports and Invoices
- Grant Agreement Completion Final Report

3.3 Additional IRWM Plan Work

No additional work has been identified as needed to produce standards compliant IRWM Plan. As mentioned previously funds were received and work is currently being conducted to prepare a Salt and Nutrient Management Plan as part of the IRWMP. The CEQA document for that SNMP will still have to be prepared. However, it is not necessary for the IRWMP to be considered a compliant plan.

Further, the funds requested from this grant funding opportunity for development of the Recycled Water Master Plan Update and the Updating of the Water Use Efficiency Strategic Plan do not directly fill the gap in terms of a need for a compliant IRWMP. As described in Table 3-1 above, much of the work currently occurring is bringing the Plan into concurrence with the Proposition 84



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Standards. These two technical studies have substantial value to the technical validity and feasibility of the IRWMP and the existing and potential future projects that will become part of the IRWMP as they determine the amount of overall recycled water demand that will be available within the Region, and the amount of anticipated conservation that we can expect given the current legislative requirements, recent economic conditions, and hydrologic conditions and how those have created a trend that assumptions have to be planned upon. The results of these studies will be important documents to discuss with the Stakeholders, will become foundational to the upcoming 2015 Update of the Urban Water Management Plan, and will be additional resource documents to the IRWMP.



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ATTACHMENT 4 – BUDGET

BUDGETS PROVIDED: SUMMARY AND DETAILED

A summary budget for the Proposal and each of the IRWMP Update planning components is provided as Table 4-1. Work Plan Tasks in this Proposal are numbered as follows:

1. Recycled Water Master Plan Update
2. Recycled Water Master Plan Update Environmental Impact Report
3. Santa Clarita Valley Water Use Efficiency Strategic Plan Update
4. Grant Administration

Tables 4-2 through 4-5 provide detailed budgets for each of the individual work plan tasks consistent with the categories provided in the Guidelines. Also provided are the detailed fee estimates for each task, provided at the end of this Attachment.

CONSISTENCY WITH WORK PLAN AND SCHEDULE

Both the Work Plan and Schedule provide discussions of the work items under the general categories outlined in the budget and are thus consistent with the budget items provided in this attachment.

REASONABLENESS OF DETAILED COSTS AND SUPPORTING DOCUMENTATION

All detailed costs shown for each planning component are reasonable and, where applicable, supporting information has been provided to justify the cost estimates. Supporting information includes labor rates, labor categories, and labor hours; percentage of total used to approximate costs; and/or engineer's estimate or submitted low bid from contractor.

FUNDING MATCH

The proposal includes a funding match at the required 25% match. Additionally some of the individual planning work items has a funding match well above the required 25% match. The proposal funding match is 25% of the total cost of the Proposal. The matching funds will come from property taxes, connection fees and revenue from rates.



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TABLE 4-1 Summary Budget

Proposal Title: Upper Santa Clara River IRWMP Round 2, Proposition 84 Planning Grant

Individual Planning Item Title		Non-State Share (Funding Match)	Requested Grant Funding (DWR Grant Amount)	Other State Funds Being Used	Total	% Funding Match
Task 1	RECYCLED WATER MASTER PLAN UPDATE	\$120,000	\$360,000	\$0	\$480,000	25%
Task 2	RECYCLED WATER MASTER PLAN ENVIRONMENTAL IMPACT REPORT	\$62,500	\$187,500	\$0	\$250,000	25%
Task 3	SANTA CLARITA VALLEY WATER USE EFFICIENCY PLAN UPDATE	\$62,500	\$187,500	\$0	\$250,000	25%
Task 4	GRANT ADMINISTRATION	\$9,188	\$27,563	\$0	\$36,750	25%
	Grand Total	\$245,000	\$735,000	\$0	\$980,000	25%



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TABLE 4-2 Project Budget

Proposal Title: Upper Santa Clara River IRWMP Round 2, Prop 84 Planning Grant

Project Title: TASK 1 Recycled Water Master Plan Update

		(a)	(b)	(c)	(d)	(e)	
Budget Category		Non-State Share* (Funding Match)	Requested Grant Funding	Other State Funds Being Used	Total	% Funding Match	Schedule
Task 1	Recycled Water Master Plan Update						
Subtask 1.1	Recycled Water User Map and Hydraulic Model Update	\$50,000	\$0	\$0	\$50,000	100%	Sept 2010 - July 2011
Subtask 1.2	Draft Recycled Water System Analysis	\$70,000	\$0	\$0	\$70,000	100%	Sept 2011 - Aug 2012
Subtask 1.3	Draft Recycled Water Master Plan	\$0	\$324,000	\$0	\$324,000	0%	Aug 2012 - Dec 2013
Subtask 1.4	Final Recycled Water Master Plan	\$0	\$36,000	\$0	\$36,000	0%	Jan 2014 - Aug 2014
	Grand Total	\$120,000	\$360,000	\$0	\$480,000	25%	

***List sources of funding:** Property taxes, connection fees and revenue from rates.



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TABLE 4-3 Project Budget

Proposal Title: Upper Santa Clara River IRWMP Round 2, Prop 84 Planning Grant

Project Title: TASK 2 Recycled Water Master Plan Update Environmental Impact Report

		(a)	(b)	(c)	(d)	(e)	
Budget Category		Non-State Share* (Funding Match)	Requested Grant Funding	Other State Funds Being Used	Total	% Funding Match	Schedule
Task 2	RWMP EIR						
Subtask 2.1	Project Kick-Off	\$625	\$1,875	\$0	\$2,500	25%	Jan 2013 - Jan 2013
Subtask 2.2	Notice of Preparation	\$5,000	\$15,000	\$0	\$20,000	25%	Jan 2013 - Feb 2013
Subtask 2.3	Conduct Regular Meetings	\$1,250	\$3,750	\$0	\$5,000	25%	Jan 2013 - May 2014
Subtask 2.4	Prepare Draft Environmental Impact Report (EIR)	\$36,875	\$110,625	\$0	\$147,500	25%	Mar 2013 - Feb 2014
Subtask 2.5	Review Comments on Draft EIR	\$2,500	\$7,500	\$0	\$10,000	25%	Mar 2014 - Apr 2014
Subtask 2.6	Prepare Final EIR	\$11,250	\$33,750	\$0	\$45,000	25%	Mar 2014 - Jun 2014
Subtask 2.7	Direct Project Management	\$5,000	\$15,000	\$0	\$20,000	25%	Jan 2013 - Jun 2014
(i)	Grand Total	\$62,500	\$187,500	\$0	\$250,000	25%	

*List sources of funding: Property taxes, connection fees and revenue from rates.



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TABLE 4-3 Project Budget

Proposal Title: Upper Santa Clara River IRWMP Round 2, Prop 84 Planning Grant

Project Title: TASK 3 Santa Clarita Valley Water Use Efficiency Plan Update

		(a)	(b)	(c)	(d)	(e)	
Budget Category		Non-State Share* (Funding Match)	Requested Grant Funding	Other State Funds Being Used	Total	% Funding Match	Schedule
Task 3	Santa Clarita Valley Water Use Efficiency Plan Update						
Subtask 3.1	Analysis of Data	\$12,625	\$37,875	\$0	\$50,500	25%	Oct 2012 - Dec 2012
Subtask 3.2	Assess Conservation Efforts	\$7,800	\$23,400	\$0	\$31,200	25%	Jan 2013 - Feb 2013
Subtask 3.3	Identify and Develop Water Conservation Measures	\$7,825	\$23,475	\$0	\$31,300	25%	Mar 2013 - Apr 2013
Subtask 3.4	Assess Cost-Effectiveness	\$7,500	\$22,500	\$0	\$30,000	25%	May 2013 - Jun 2013
Subtask 3.5	Develop Conservation Plan	\$23,250	\$69,750	\$0	\$93,000	25%	Jul 2013 - Oct 2013
Subtask 3.6	Project Management	\$3,500	\$10,500	\$0	\$14,000	25%	Oct 2012 - Oct 2013
	Grand Total	\$62,500	\$187,500	\$0	\$250,000	25%	

***List sources of funding:** Property taxes, connection fees and revenue from rates, both from wholesale and contributions towards match from retailers.



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TABLE 4-5 Project Budget

Proposal Title: Upper Santa Clara River IRWMP Round 2, Prop 84 Planning Grant

Project Title: TASK 4 Grant Administration

		(a)	(b)	(c)	(d)	(e)	
Budget Category		Non-State Share* (Funding Match)	Requested Grant Funding	Other State Funds Being Used	Total	% Funding Match	Schedule
Task 4	Reports						
Subtask 4.1	Quarterly Report 1	\$375	\$1,125	\$0	\$1,500	25%	Apr 2012
	Quarterly Report 2	\$375	\$1,125	\$0	\$1,500	25%	Jul 2012
	Quarterly Report 3	\$375	\$1,125	\$0	\$1,500	25%	Oct 2012
	Quarterly Report 4	\$375	\$1,125	\$0	\$1,500	25%	Jan 2013
	Quarterly Report 5	\$375	\$1,125	\$0	\$1,500	25%	Apr 2013
	Quarterly Report 6	\$375	\$1,125	\$0	\$1,500	25%	Jul 2013
	Quarterly Report 7	\$375	\$1,125	\$0	\$1,500	25%	Oct 2013
	Quarterly Report 8	\$375	\$1,125	\$0	\$1,500	25%	Jan 2014
	Quarterly Report 9	\$375	\$1,125	\$0	\$1,500	25%	Apr 2014
Subtask 4.2	Grant Agreement Completion Final Report	\$1,775	\$5,325	\$0	\$7,100	25%	Jul 2014
Subtask 4.3	Administration	\$4,038	\$12,113	\$0	\$16,150	25%	Apr 2012-Jul 2014
	Grand Total	\$9,188	\$27,563	\$0	\$36,750	25%	

*List sources of funding: Property taxes, connection fees and revenue from rates.



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Recycled Water Master Plan Grant vs Costs

Start	Consultant	Agreement/WA #	Description	Agreement / WA Amount	Paid	Paid through	Balance	Status	
9/3/2010	IDModeling	E1011-005-40968	Recycled Water User Map Update	\$ 17,900.00	\$ 17,900.00	11/30/2010	\$ -	Completed	Recycled Water User Map and Hydraulic Model Update
2/18/2011	IDModeling	E1011-012-43624	Recycled Water Master Plan Hydraulic Model & Pressure Zone Creation	\$ 50,908.75	\$ 50,908.75	7/30/2011	\$ -	Completed	Recycled Water User Map and Hydraulic Model Update
Grant Subtask 1.1 Recycled Water User Map and Hydraulic Model Update Total				\$ 68,808.75	\$ 68,808.75				
For Grant Application Subtask 1.1 Use				\$ 50,000.00					
9/26/2011	Lee & Ro	11-033	Pressure Zone Evaluation	\$ 44,000.00	\$ 21,243.02	12/31/2011	\$ 22,756.98	In-Progress	Recycled Water System Analysis
10/31/2011	Lee & Ro	11-041	Seasonal Storage Evaluation	\$ 39,100.00	\$ 23,098.38	1/27/2012	\$ 16,001.62	In-Progress	Recycled Water System Analysis
12/1/2011	Lee & Ro	11-050	System Optimization Evaluation	\$ 19,960.00	\$ 16,799.33	1/27/2012	\$ 3,160.67	In-Progress	Recycled Water System Analysis
Grant Subtask 1.2 Recycled Water System Analysis Total				\$ 103,060.00	\$ 61,140.73		\$ 41,919.27		
For Grant Application Subtask 1.2 Use				\$ 70,000.00					
			Overall Total	\$ 171,868.75	\$ 129,949.48				
			Total Project Cost	\$ 480,000.00	\$ 480,000.00				
			Grant Amount (75% of Total Project Cost)	\$ 360,000.00	\$ 360,000.00			Reimbursement Period: 8-6-12 to End	
			CLWA Match Amount (25% of Total Project Cost)	\$ 120,000.00	\$ 120,000.00			Match Period (Completed Work): 9-30-08 to 8-6-12. Match Period (under Grant Period: 8-6-12 to End)	
			CLWA Amount Authorized / Paid already	\$ 171,868.75	\$ 129,949.48				
			Amount CLWA budgeted/paid in excess of match amount	\$ 51,868.75	\$ 9,949.48			Cost exceeding match amount prior to Grant Start Date of 8-6-12 is not reimbursable	
Grant Subtask 1.3 Draft Recycled Water Master Plan				\$ 324,000.00					
Grant Subtask 1.4 Final Recycled Water Master Plan				\$ 36,000.00					
Total				\$ 360,000.00					
				Submit this for total reimbursement since match amount is already met					

USCR IRWMP R2 Prop 84_Recycled Water Master Plan Update Task 1

	Brian Folsom	Jeff Ford	Jason Yim	Lauren Everett	Kathy Fendel	Total	Total Labor	Sub Consultant	ODCs	Total Expenses	Total Labor + Expenses
Classification:						Hours	Fees	Fees	Fees		Fees
Hourly Rate:	\$126	\$124	\$84	\$63	\$48						
Task 1 - Recycled Water Master Plan Update											
Subtask 1.1 Recycled Water User Map and Hydraulic Model Update	See next backup sheet									\$50,000	\$50,000
Subtask 1.2 - Draft Recycled Water System Analysis	See next backup sheet									\$70,000	\$70,000
Subtask 1.3 - Draft Recycled Water Master Plan						0	\$0			\$0	\$0
1.3.1 Review Previous Documents	10	10	20	60	20	120	\$8,920			\$0	\$8,920
1.3.2 Incorporate Regulations	10	10	10	20	0	50	\$4,600			\$0	\$4,600
1.3.3 Finalize Analysis & Coordinate w/ Purveyors & SCV Sanitation District	20	40	80	20	40	200	\$17,380		\$500	\$500	\$17,880
1.3.4 Identify and Evaluate Recycled Water System Implementation Phases	60	60	80	40	0	240	\$24,240			\$0	\$24,240
1.3.5 Revise Recycled Water Hydraulic Model	40	16	60	10	0	126	\$12,694	\$180,000		\$180,000	\$192,694
1.3.6 Prepare Draft Recycled Water Master Plan	40	20	100	120	80	360	\$27,320		\$2,000	\$2,000	\$29,320
1.3.7 Present and Coordinate Draft RWMP with Purveyors and SCV Sanitation District	20	20	20	10	16	86	\$8,078			\$0	\$8,078
Subtask 1.4 - Final Recycled Water Master Plan						0	\$0			\$0	\$0
1.4.1 Review comments on Draft RWMP	10	10	40	16	10	86	\$7,348			\$0	\$7,348
1.4.2 Finalize Hydraulic Model	40	10	60	20	10	140	\$13,060	\$30,000		\$30,000	\$43,060
1.4.3 Prepare Final RWMP	20	20	40	80	40	200	\$15,320		\$1,500	\$1,500	\$16,820
1.4.4 Present Final RWMP to Purveyors and SCV Sanitation District	10	10	20	16	16	72	\$5,956		\$500	\$500	\$6,456
Task 3 - Subtotal	280	226	530	412	232	1680	\$144,916	\$210,000	\$4,500	\$334,500	\$479,416
All Tasks Total	280	226	530	412	232	1680	\$144,916	\$210,000	\$4,500	\$334,500	\$479,416

USCR IRWMP R2 Prop 84_Recycled Water Master Plan Update EIR Task 2

	Jeff Ford	Lauren Everett	Nancy Warfel				Sub			
Classification:				Total	Total	Comm. Charges	Consultant	ODCs	Total Expenses	Total Labor + Expenses
Hourly Rate:	\$124	\$63	\$44	Hours	Labor Fees	0%	Fees	Fees		Fees
Task 2 - Recycled Water Master Plan Update EIR										
Subtask 2.1 Project Kick-Off	8	20	2	30	\$2,340	\$0		\$150	\$162	\$2,502
Subtask 2.2 - Notice of Preparation	60	120	80	260	\$18,520	\$0		\$1,500	\$1,500	\$20,020
Subtask 2.3 - Conduct Regular Meetings	14	40	6	60	\$4,520	\$0		\$500	\$500	\$5,020
Subtask 2.4 - Prepare Draft EIR	140	180	64	384	\$31,516	\$0	\$115,000	\$1,000	\$116,000	\$147,516
Subtask 2.5 - Review Comments on Draft EIR	40	59	30	129	\$9,997	\$0		\$0	\$0	\$9,997
Subtask 2.6 - Prepare Final EIR	20	44	16	80	\$5,956	\$0	\$35,000	\$4,000	\$39,000	\$44,956
Subtask 2.7 -Direct Project Management	60	165	27	252	\$19,023	\$0		\$1,000	\$1,000	\$20,023
Task 2 - Subtotal	342	628	225	1195	\$91,872	\$0	\$150,000	\$8,150	\$158,162	\$250,034
All Tasks Total	342	628	225	1195	\$91,872	\$0	\$150,000	\$8,150	\$158,162	\$250,034

USCR IRWMP R2 Prop 84_Santa Clarita Valley Water Use Efficiency Strategic Plan Task 3

Classification:	Dirk Marks	Cathy Hollomon	Matt Dickens	Stephanie Anangonson	Robert McLaughlin	County Conservation Coordinator	Nancy Warfel	Total	Total Labor	Sub Consultant	ODCs	Total Expenses	Total Labor + Expenses
Hourly Rate:	\$123	\$67	\$61	\$54	\$44	\$40	\$44	Hours	Fees	Fees	Fees		Fees
Task 3 - Santa Clarita Valley Water Use Efficiency Plan Update													
Subtask 3.1 Analysis of Data	10	10	10	20	10	10	20	90	\$5,310	\$45,000	\$200	\$45,216	\$50,526
Subtask 3.2 - Assess Conservation Efforts	10	20	20	40	20	20	80	210	\$11,150	\$20,000	\$100	\$20,100	\$31,250
Subtask 3.3 - Identify and Develop Water Conservation Measures	10	5	5	40	5	5	40	110	\$6,210	\$25,000	\$100	\$25,100	\$31,310
Subtask 3.4 - Assess Cost-Effectiveness	10	5	5	20	5	5	20	70	\$4,250	\$25,000	\$500	\$25,500	\$29,750
Subtask 3.5 - Develop Conservation Plan	10	30	30	90	30	30	90	310	\$16,410	\$75,000	\$1,500	\$76,500	\$92,910
Subtask 3.6 -Project Management	10	0	0	200	0	0	40	250	\$13,790		\$500	\$500	\$14,290
Task 3 - Subtotal	60	70	70	410	70	70	290	1040	\$57,120	\$190,000	\$2,900	\$192,916	\$250,036
All Tasks Total	60	70	70	410	70	70	290	1040	\$57,120	\$190,000	\$2,900	\$192,916	\$250,036

USCR IRWMP R2 Prop 84_Grant Admin Task 4

	Jeff Ford	Lauren Everett	Nancy Warfel					
Classification:				Total	Total Labor	ODCs	Total Expenses	Total Labor + Expenses
Hourly Rate:	\$124	\$63	\$44	Hours	Fees	Fees		Fees
Task 4 - Reports								
Subtask 4.1 Quarterly Report 1	5	12	12	29	\$1,904	\$25	\$25	\$1,929
Subtask 4.1 - Quarterly Report 2	5	12	12	29	\$1,904	\$25	\$25	\$1,929
Subtask 4.1 - Quarterly Report 3	5	12	12	29	\$1,904	\$25	\$25	\$1,929
Subtask 4.1 - Quarterly Report 4	5	12	12	29	\$1,904	\$25	\$25	\$1,929
Subtask 4.1 - Quarterly Report 5	5	12	12	29	\$1,904	\$25	\$25	\$1,929
Subtask 4.1 -Quarterly Report 6	5	12	12	29	\$1,904	\$25	\$25	\$1,929
Subtask 4.1 -Quarterly Report 7	5	12	12	29	\$1,904	\$25	\$25	\$1,929
Subtask 4.1 -Quarterly Report 8	5	12	12	29	\$1,904	\$25	\$25	\$1,929
Subtask 4.1- Quarterly Report 9	5	12	12	29	\$1,904	\$25	\$25	\$1,929
Subtask 4.2- Grant Agreement Completion Final Report	12	48	24	84	\$5,568	\$100	\$100	\$5,668
Subtask 1.3- Administration	40	100	50	190	\$13,460	\$260	\$260	\$13,720
Task 1 - Subtotal	97	256	182	535	\$36,164	\$585	\$585	\$36,749
All Tasks Total	97	256	182	535	\$36,164	\$585	\$585	\$36,749



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ATTACHMENT 5 – SCHEDULE

INTRODUCTION

A detailed schedule for the Proposal and each of its components is provided as Table 5-1 (Att5_PG2_CLWA_Schedule2of2).

The schedule is consistent with the categories provided in the Guidelines. The schedule shows the sequence and timing of work planning items presented in the Proposal and assumes the effective date of the grant agreement to be August 6, 2012. The schedule shows the start dates, end dates, and milestones for each planning item contained in the Attachment 3 Work Plan, and when applicable, dependence on predecessors is also shown. Work Plan Tasks in this Proposal are numbered as follows:

1. Recycled Water Master Plan Update
2. Recycled Water Master Plan Update Environmental Impact Report
3. Santa Clarita Valley Water Use Efficiency Strategic Plan Update
4. Grant Administration

CONSISTENCY WITH WORK PLAN

Both the Attachment 3 Work Plan and Proposal schedule provide discussions of the work items under the general categories outlined in the budget and are thus consistent with each other and the budget.

IRWMP DEVELOPMENT AND ADOPTION

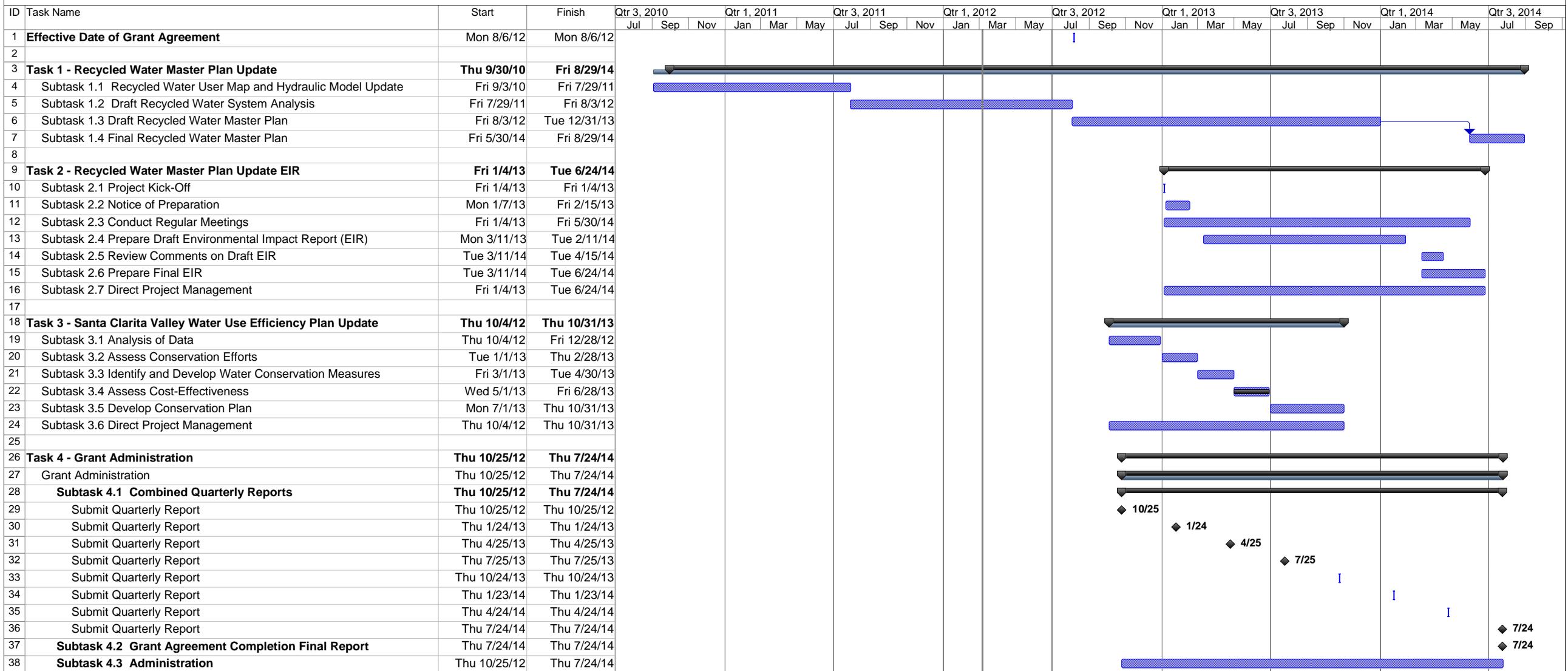
All work items contribute to the development and enhancement of the IRWMP. The IRWMP has already been adopted by the individual RWMG members, and collectively as a group. Re-adoption of the plan in the future will occur after the current update of the Plan is complete; however timing is unknown and not dependent on these application funds.



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**Table 5-1
UPPER SANTA CLARA RIVER IRWMP ROUND 2, PLANNING GRANT
PROPOSAL SCHEDULE**



Project: IRWMP R2 Planning Grant_Pr
Date: Wed 3/7/12

Task		Project Summary		Inactive Task		Duration-only		Finish-only		Deadline
Split		External Tasks		Inactive Milestone		Manual Summary Rollup		Progress		
Milestone		External Milestone		Inactive Summary		Manual Summary		Deadline		
Summary		Inactive Task		Manual Task		Start-only				



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ATTACHMENT 6 – PROGRAM PREFERENCES

The Round 1 Planning Grant application discussed how the Upper Santa Clara IRWMP group intended to update the IRWMP and described how the IRWMP update will address the Program Preferences and Statewide Priorities in Proposition 84. The IRWMP update is currently underway as is progress towards meeting these Program Preferences and Statewide Priorities. Further, the development of the Recycled Water Master Plan Update (RWMP Update) and associated California Environmental Quality Act (CEQA) document, and the Update of the Santa Clarita Valley Water Use Efficiency Strategic Plan (SCV WUE SP) proposed as part of this Round 2 Planning Grant will help to further address some of the specific Program Preferences and Statewide Priorities in much more detail, as summarized in the following table and discussed further below.

Program Preferences	Update Recycled Water Master Plan and CEQA Document	SCV Water Use Efficiency Strategic Plan Update
INCLUDE REGIONAL PROJECTS/PROGRAMS	♦	♦
INTEGRATE WATER MANAGEMENT WITHIN HYDROLOGIC REGION	♦	♦
EFFECTIVELY RESOLVE SIGNIFICANT WATER-RELATED CONFLICTS	♦	♦
CONTRIBUTE TO ATTAINMENT OF CALFED BAY-DELTA PROGRAM	♦	♦
ADDRESS CRITICAL WATER SUPPLY/QUALITY NEEDS OF A DAC	♦	♦
INTEGRATE WATER MANAGEMENT WITH LAND USE PLANNING FOR FLOOD MANAGEMENT PROJECTS THAT PROVIDE MULTIPLE BENEFITS	♦	♦
ADDRESS STATEWIDE PRIORITIES OF:		
A. DROUGHT PREPAREDNESS	♦	♦
B. USE AND REUSE WATER MORE EFFICIENTLY	♦	♦
C. CLIMATE CHANGE RESPONSE ACTIONS	♦	♦
D. EXPAND ENVIRONMENTAL STEWARDSHIP	♦	♦
E. PRACTICE INTEGRATED FLOOD MANAGEMENT		
F. PROTECT SURFACE WATER AND GROUNDWATER QUALITY	♦	♦
G. IMPROVE TRIBAL WATER AND NATURAL RESOURCES		
H. ENSURE EQUITABLE DISTRIBUTION OF BENEFITS	♦	♦
I. INTEGRATE STORM WATER RESOURCE PLAN REQUIREMENTS	♦	♦



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Program Preferences

Include Regional Projects or Programs

The SCV WUE SP was developed out of a collaborative process of all the public water systems in the Valley (Castaic Lake Water Agency (CLWA), Valencia Water Company, Santa Clarita Water Division, Newhall County Water District, and Los Angeles Waterworks District 36) as well as other stakeholders. Currently four of the demand management projects within the SCV WUE SP are being implemented with funding to be received from Proposition 84 Round 1 implementation funds. Update of the SCV WUE SP will affect the entire CLWA service area, including the service areas of the four retailers. The SCV WUE SP will be used to develop a conservation strategy determining the amount of conservation that is required to meet the SBx7-7 (20x2020) demand goals. This will be intertwined with a strategy of efficient recycled water use, as a combination of recycled water and conservation can be used to help the region in meeting its future 20x2020 goals. Therefore, the update of CLWA's RWMP and the update of the SCV WUE SP are perfectly timed together. The update of the RWMP includes the regional implementation project the Southern End Recycled Water System Project (Phase 2C) also currently being funded by Round 1 implementation funds, and will also help to identify those future locations of the remaining phases of the build out of the RWMP.

Integrate Water Management within Hydrologic Region

Updating of the RWMP and the SCV WUE SP together maximize the interconnection between conservation and projecting of recycled water use that is anticipated within the Valley, and help to identify what recycled water projects and conservation strategies in combination will be the most effective within CLWA's and the retailer service areas. Updating of these documents in the context of the IRWMP will allow for a combination of those projects and strategies to achieve multiple goals within a coordinated implementation effort.

Effectively Resolve Significant Water-Related Conflicts

Various users of the Santa Clara River have been in dispute over acceptable levels of chloride salt in the river as well as acceptable methods to manage and reduce chloride levels. In the Upper Santa Clara River, the river gains chlorides through the discharge of treated wastewater and the use of self-regenerating water softeners (now banned in the Santa Clarita Valley Sanitation District [SCVSD] service area). Affected downstream users include farmers growing strawberries, avocados, and nursery crops. Therein exists the conflict, a need to provide water and sanitary services to the upper watershed at a reasonable cost and a need to provide low-salt water to downstream agricultural users. Drought increases the salt in the water supplies for the upper watershed resulting in elevated chloride levels in treated water discharged to the river.



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CLWA provides recycled water to the Santa Clarita Valley as the water wholesaler. In the current RWMP, CLWA projects an increasing need for recycled water that will reach 17,400 acre-feet per year by 2030. To meet the project objective of accommodating recycled water reuse opportunities, the SCVSD would make recycled water available in quantities needed to support CLWA's RWMP. Using recycled water reduces the use of potable water and eases concerns of a water shortage during drought. Use of recycled water would use the expected growth in treated effluent as its source of supply. Therefore, updating of the RWMP will inform the capital program decisions facing the SCVSD in this effort.

Contribute to Attainment of CALFED Bay-Delta Program

The four CALFED Bay-Delta Program objectives can be summarized as follows:

1. Ecosystem Quality
2. Water Supply
3. Water Quality
4. Levee System Integrity

The Upper Santa Clara IRWMP region partially receives State Water Project water delivered through the Delta; actions within the Region could contribute to the success of CALFED Bay-Delta Program objectives. The IRWMP Stakeholders made reduction in potable water demand one of the regional objectives. The current target for that objective is a "ten percent overall reduction in projected urban water demand throughout the Region by 2030 through implementation of water conservation measures". Any reduction in water demand would reduce demand on imported water and contribute to the attainment of CALFED objectives.

Additionally, SBx7-7 has been enacted, mandating that urban water suppliers reduce statewide water use (in gallons per capita per day) by 20 percent by 2020. Methods of complying with SBx7-7 include enhanced water conservation, water use efficiency, and use of recycled water. Updating of the RWMP and the SCV WUE SP together maximize the interconnection between conservation and projecting of recycled water use that is anticipated within the Valley, and help to identify what recycled water projects and conservation strategies in combination will be most effective within CLWA's and the retailer service areas. Updating of these documents in the context of the IRWMP will allow for a combination of those projects and strategies to achieve multiple goals within a single implementation effort, and therefore would contribute to the attainment of CALFED objectives.



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Address Water Supply and Water Quality Needs of Disadvantaged Communities

During development of the IRWMP, no communities that met the strict State definition of a Disadvantaged Community (DAC) were identified. However, in the spirit of providing “a safe, clean, affordable, and sufficient water supply to meet the needs of California residents, farms, and businesses”, an outreach effort directed at DAC members was developed and a DAC Outreach Subcommittee to the Regional Water Management Group was formed. The DAC Outreach subcommittee contacted DAC members through opinion surveys in areas where economically disadvantaged people were likely to seek services. These surveys did not identify any water quality or supply issues unique to DACs.

With the recent completion of the County of Los Angeles’s One Valley One Vision (OVOV) land use planning document, the OVOV update of the City of Santa Clarita General Plan, and the 2010 Census data, there is a wealth of new information available to assist in identifying existing and potential new stakeholders, including DAC’s, tribal communities, and environmental justice communities. These types of outreach efforts are continual efforts as part of the USCR IRWMP and will be throughout the IRWMP Update. It is hoped that the 2010 Census will make it easier to identify and coordinate with DACs and to identify and address potential water quality or water supply issues of these communities.

Effectively Integrate Water Management with Land Use Planning

Updating of the SCV WUE SP and RWMP are a direct response to the need to accommodate anticipated population growth, in times when imported supplies may be less viable and there is a need to reduce demand (20x2020). Two projects currently being implemented (and which received Implementation Grant Round 1 funds), are projects from within the SCV WUE SP and the RWMP. The four WUE programs within the SCV WUE SP are designed to help CLWA and the water retailers meet their 20x2020 requirements under SBx7-7. Santa Clarita Valley Large Landscape Audit & Incentive Program will target the City of Santa Clarita Landscape Maintenance Districts, Los Angeles County Parks and Homeowner’s Associations. Santa Clarita Valley CII Audit & Customized Incentive Program will target major non-residential users including amusement parks, colleges and universities, hotels, hospitals and other customers identified by the retail water agencies. Residential SCV Landscape Contractor Certification and Weather-Based Irrigation controller (WBIC) Program would target all landscape contractors and maintenance companies in the Santa Clarita Valley. Recycled water from the Santa Clarita Valley Southern End Recycled Water Project implementation project will be used for landscape associated with parks, schools as well as private development. Installation of WBICs complements the recycled water program to reduce potable demand of landscapes or stretch recycled supplies further.

Updating of the SCV WUE SP and RWMP will also inform the next update of the Urban Water Management Plan (2015), and require coordination with local planning agencies and with the Los Angeles County and City of Santa Clarita’s One Valley One Vision document General Plan Updates.



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For Flood Management – Projects That Provide Multiple Benefits

This application is not seeking Proposition 1E funding and therefore this Program Preference is not applicable.

Statewide Priorities

Drought Preparedness

Three of the five objectives within the IRWMP relate to drought preparedness:

- Reduce Water Demand *by* implementing technological, legislative and behavioral changes that will reduce use demands for water.
- Improve Operational Efficiency *by* maximizing water system operational flexibility and efficiency, including energy efficiency.
- Increase Water Supply *by* understanding future regional demands and obtain necessary water supply sources.

One way to lessen the severity of a drought's effect on Santa Clarita Valley is to prepare in advance by: (a) diversifying the various sources of supply, (b) developing a “drought-proof” supply, (c) identifying the types of water uses in the Region, and (d) reducing demand from non-essential uses.

Updating the RWMP and SCV WUE SP directly contribute to the attainment of these objectives by reducing potable demands, by developing a conservation strategy that uses both recycled water and conservation in order to meet future 20x2020 demand goals. Additionally, data gathered as part of the two updates will provide a picture of various water uses in the Santa Clarita Valley. This data will help target water demand reductions under all conditions, but could be vital in reducing non-essential uses in the event of a drought.

Use and Reuse Water More Efficiently

SBx7-7 mandates that urban water suppliers reduce statewide water use (in gallons per capita per day) by 20 percent by 2020. Methods of complying with SBx7-7 include enhanced water conservation, water use efficiency, and recycled water use. The SCV WUE SP will be used to develop a conservation strategy determining the amount of conservation that is required to meet the SBx7-7 demand goals. This will be intertwined with a strategy of efficient recycled water use, as a combination of recycled water and conservation can be used to help the region in meeting its future 20x2020 goals. Therefore, the update of the CLWA's RWMP is perfectly timed for an update with the SCV WUE SP. The update of the IRWMP plan will provide a forum for the Region as a whole to address water use efficiency and recycled water use.



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Climate Change Response Actions

The projects proposed in this proposal address adaptation to climate change. Implementation of this proposal would diversify the supply sources available in the Region, promote water use efficiency, and result in increased water recycling. Importantly, the new recycled water supply source will require less energy and result in fewer greenhouse gas emissions than a like amount of imported water. Energy savings (and greenhouse gas emission reductions) are also enhanced by reduced water demands. The conservation programs that will be developed within the update of the SCV WUE SP will reduce not only water demand, but wastewater treatment demands as well.

Expand Environmental Stewardship

The Environmental Impact Report (EIR) for the update of the RWMP will evaluate all of the direct, indirect and cumulative impacts that implementation of recycled water projects within the Santa Clarita Valley would have on the environment. Further, both projects promote stewardship through conservation of resources, and protection of water quality.

Practice Integrated Flood Management

The SCVSD provides wastewater management services for the City of Santa Clarita and adjacent unincorporated areas. The SCVSD collects wastewater from households and businesses within its service area and treats the wastewater at its Saugus and Valencia Water Reclamation Plants. Most of the treated wastewater is not currently reused and is discharged to the Santa Clara River. The RWMP Update will seek out additional ways put more wastewater from the region to beneficial use and to make it feasible to deliver recycled water to more end users in the future. This will change the flows into the Santa Clarita River which may have an impact on flooding downstream. This will be influenced by the RWMP Update and discussed as part of the SCVSD's EIR for their project.

Protect Surface Water and Groundwater Quality

All projects associated with this proposal protect surface and groundwater quality.

Programs within the SCV WUE SP target outdoor water application, including large landscape audits, installation of WBICs, and specialized training for landscape contractors and maintenance companies. These programs will limit application of excessive water and, therefore, undesirable salts and nutrients to the landscape. These programs will reduce runoff and improve the quality of any receiving waters. In addition, water use information from the audits and landscape programs will allow the Region to better manage the salts and nutrients through reductions of water use, and greater accounting of where salts and nutrients are applied in the watershed.

Updating of the RWMP will help to develop and implement recycled water projects that both secure water supplies for beneficial uses while guarding groundwater quality. The projects will need to be implemented in concert with the Salt and Nutrient Management Plan currently in development for



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the basin. The Salt and Nutrient Management Plan allows the region to most effectively use recycled water without degrading the local groundwater supply.

Improve Tribal Water and Natural Resources

The Santa Clarita Valley is within the historic range of the Tataviam Band of Mission Indians, though there are no designated tribal lands within the watershed. The IRWMP has solicited the input and participation from a broad Stakeholder group, including a specific solicitation to the Tataviam. Unfortunately, no tribal representatives have participated to date. The IRWMP Stakeholders will continue to solicit tribal participation.

Ensure Equitable Distribution of Benefits

As described earlier, the IRWMP has not identified communities that met the State definition for a DAC. Additional outreach directed at economically disadvantaged areas and populations did not find any water quality or supply issues unique to DACs. Likewise, outreach to California Native American Tribes did not identify any critical unique water supply or water quality needs. However, this proposal contains regional project and programs that benefit a large geographic area. The projects and programs of this proposal do not adversely affect one particular group but rather equitably distribute benefits to a broad geographic area and all residents and water users of that area.

Integrate Stormwater Resource Plan Requirements

Achieving increased water use efficiency outdoors means less water running off landscaped areas into the streets, storm drains, and ultimately into the Santa Clara River. The SCV WUE SP combines education efforts and efficient technologies to ensure that more of our valuable water are delivered to appropriate landscaping and less of it pollutes our communities as urban runoff. Capturing, storing, treating and using urban stormwater runoff (such as percolation to usable aquifers, domestic stormwater capture systems, or the creation of catch basins), and the incorporation and implementation of low impact development are methods could add flexibility to the areas overall water supplies and provide increased efficiency.



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ATTACHMENT 7 – AB 1420 AND WATER METER IMPLEMENTATION COMPLIANCE

Castaic Lake Water Agency (CLWA) is the applicant and also the Urban Water Supplier that will be receiving funding from this Round 2 Planning Grant should the Agency be awarded funding. Self-certification forms for documenting compliance with California Water Code (CWC) §525 for Water Meter Installation and Assembly Bill (AB) 1420 for Best Management Practice implementation were originally provided as part of the Round 1 Planning Grant and Implementation Grant applications. Therefore, current forms, albeit no changes have been made have been submitted as Att7_PG2_CLWA_1420_2of4 and Att7_PG2_CLWA_1420_3of4. In addition, documentation provided as Att7_PG2_CLWA_1420_4of4 is DWR's compliance letter which provides DWR's review and acceptance of the Agency's conformance with AB 1420.



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BMPs required for Wholesale Supplier	BMPs required for Retail Supplier	BMPs	BMP Implemented by Retailers and/or Wholesalers / BMP			Compliance Options/Alternative Conservation Approaches (1)			BMP Is Exempt (2)			BMP Implementation Requirements Met						
			Retailer Yes/No	Wholesaler Yes/No	Regional Yes/No	BMP Checklist	Flex Track	Gallons Per Capita Per Day GPCD	Not Cost Effective	Lack of Funding	Lack of Legal Authority	CUWCC MOU Requirement Met: Retailer Yes/No	CUWCC MOU Requirement Met: Wholesaler Yes/No	Date of BMP Report Submitted to CUWCC for (2007-2008) (MOU Signatories)	Date BMP Implementation Data Submitted to DWR in CUWCC Format (Non MOU Signatories) (3)	All Supporting Documents have been Submitted Yes/No		
		BMP 5 Large Landscape Conservation Programs and Incentives																
		BMP 6 High-Efficiency Washing Machine Rebate Programs																
		BMP 7 Public Information		Yes													Yes	
		BMP 8 School Education		Yes													Yes	
		BMP 9 Conservation programs for Commercial, Industrial, and Institutional (CII) Accounts																
		BMP 10 Wholesale Agency Assistance Programs		Yes													Yes	
		BMP 11 Conservation Pricing																
		BMP 12 Conservation Coordinator		Yes														
		BMP 13 Water Waste Prohibitions																
		BMP 14 Residential ULFT Replacement Programs																

*C6: Wholesaler may also be a retailer (supplying water to end water users)
 **C8, **C9, ** and C10: Agencies choosing an alternative conservation approach are responsible for achieving water savings equal or greater than that which they would have achieved using only BMP list.

(1) For details, please see: <http://www.cuwcc.org/mou/exhibit-1-bmp-definitions-schedules-requirements.aspx>.
 (2) BMP is exempt based on cost-effectiveness, lack of funding, and lack of legal authority criteria as detailed in the CUWCC MOU
 (3) Non MOU signatories must submit to DWR reports and supporting documents in the same format as CUWCC.

California State Water Resources Control Board
California Department of Water Resources
California Department of Public Health



**CERTIFICATION FOR
COMPLIANCE WITH WATER METERING REQUIREMENTS
FOR FUNDING APPLICATIONS**

Funding Agency name: California Department of Water Resources
Funding Program name: Proposition 84, IRWM Planning Grants
Applicant (Agency name): Castaic Lake Water Agency
Project Title (as shown on application form): Upper Santa Clara River IRWM Round 2
Planning Grant Grant Application

Please check one of the boxes below and sign and date this form.

As the authorized representative for the applicant agency, I certify under penalty of perjury under the laws of the State of California, that the agency is not an urban water supplier, as that term is understood pursuant to the provisions of section 529.5 of the Water Code.

As the authorized representative for the applicant agency, I certify under penalty of perjury under the laws of the State of California, that the applicant agency has fully complied with the provisions of Division 1, Chapter 8, Article 3.5 of the California Water Code (sections 525 through 529.7 inclusive) and that ordinances, rules, or regulations have been duly adopted and are in effect as of this date.

I understand that the Funding Agency will rely on this signed certification in order to approve funding and that false and/or inaccurate representations in this Certification Statement may result in loss of all funds awarded to the applicant for its project. Additionally, for the aforementioned reasons, the Funding Agency may withhold disbursement of project funds, and/or pursue any other applicable legal remedy.

Dan Masnada
Name of Authorized Representative
(Please print)


Signature

General Manager
Title

2/1/12
Date

California State Water Resources Control Board
California Department of Water Resources
California Department of Public Health



**CERTIFICATION FOR
COMPLIANCE WITH WATER METERING REQUIREMENTS
FOR FUNDING APPLICATIONS**

In 2004, Assembly Bill 2572 added section 529.5 to the Water Code, providing that, commencing January 1, 2010, urban water suppliers must meet certain volumetric pricing and water metering requirements in order to apply for permits for new or expanded water supply, or state financial assistance for the following types of projects:

1. wastewater treatment projects
2. water use efficiency projects (including water recycling projects)
3. drinking water treatment projects

For the purposes of compliance with Section 529.5, a "water use efficiency project" means an action or series of actions that ensure or enhance the efficient use of water or result in the conservation of water supplies.

Please consult with your legal counsel and review sections 525 through 529.7 of the Water Code before completing this certification.

Applicants Affected

This requirement applies to urban water suppliers.

"Urban water supplier" means 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. An urban water supplier includes a supplier or contractor for water, regardless of the basis of right, which distributes or sells for ultimate resale to customers.

When Certification is Required

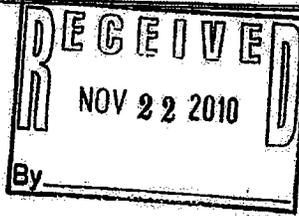
State Water Resources Control Board (SWRCB): The application for financial assistance must include a completed and signed certification form demonstrating compliance with the water metering requirements.

Department of Water Resources (DWR) funding applications: This certification must be completed and submitted with the funding application. Check the specific proposal solicitation package for directions on applicability and submittal instructions.

Department of Public Health (DPH) Safe Drinking Water State Revolving Fund Program: This certification must be completed and submitted with the executed Notice of Acceptance of Application (NOAA).

DEPARTMENT OF WATER RESOURCES

1416 NINTH STREET, P.O. BOX 942836
SACRAMENTO, CA 94236-0001
(916) 653-5791



November 9, 2010

Mr. Dirk Marks, Water Resources Manager
Castaic Lake Water Agency
27234 Bouquet Canyon Road
Santa Clarita, California 91350-2173

Dear Mr. Marks:

The Department of Water Resources (DWR) has reviewed the Castaic Lake Water Agency's (CLWA) Self-Certification Statement - Table 1 dated October 26, 2010, regarding implementation of the Urban Best Management Practices (BMPs).

The purpose of DWR's review is to determine eligibility of CLWA to receive water management grant or loan funds. DWR has followed the *Draft AB 1420 Compliance Requirements* dated June 1, 2009. For detailed information, please visit <http://www.water.ca.gov/wateruseefficiency/finance/>.

Based on DWR's review of the information in Table 1, CLWA has and is currently implementing the BMPs consistent with AB 1420 and, therefore, is eligible to receive water management grant or loan funds.

DWR reserves the right to request additional information and documentation, including reports from CLWA to substantiate the accuracy of the information provided in Table 1. DWR may reverse or modify its eligibility determination and notify you and the funding agency if inaccuracies are found in the supporting documentation or in Table 1.

If you have any questions, please contact me at (916) 651-7025 or Jodi Evans at (916) 651-7026.

Sincerely,

A handwritten signature in black ink, appearing to read "Fethi BenJemaa".

Fethi BenJemaa
Ag Water Use Efficiency Section Chief

