Project Consistency with an Adopted IRWM Plan

Each Project being proposed in this grant application is consistent with the USCR IRWM Plan and contributes to meeting at least one of the seven objectives identified in the adopted Plan, which include: 1. reduce potable water demand, 2. increase water supply, 3. improve water quality, 4. promote resource stewardship, 5. flooding/hydromodification, 6. take action within the watershed to adapt to climate change, and 7. promote projects and actions that reduce greenhouse gas emissions.

All three Projects have been added to the IRWM Plan after adoption, but in accordance with the procedures in the adopted Plan and fully vetted by the Stakeholder group. Documentation from the Stakeholder group and RWMG supporting the inclusion of the Projects included in this grant application is provided attached hereto.

UPPER SANTA CLARA RIVER

Integrated Regional Water Management

Regional Water Management Group Meeting
Thursday, May 22, 2014
2:30 pm – 4:30 pm
Newhall County Water District Headquarters
23780 North Pine Street, Newhall, CA 91321

MINUTES

2:30 Welcome

Lauren Everett, Castaic Lake Water Agency (CLWA)

2:35 General Updates

Lauren provided the updates for planning and implementation grant rounds 1 and 2, the 2014 Drought Solicitation, Local Groundwater Assistance grant and stormwater funding.

A. Planning Grant R1 & R2

R1: Submitted the 10th progress report and invoice, 92% complete.

R2: Submitted the 1st progress report and invoice, 21% complete.

B. **Implementation Grant R1 & R2**

R1: Submitted the 17th progress report and invoice, 11% complete. Heather Merenda from the City of Santa Clarita gave a project update.

Still working with DWR on switching out Phase 2C recycled water project for the 4 saugus wells project. They have requested we submit a formal request to substitute the project and submit a formal scope, schedule and budget for the saugus for wells project. Want to make sure the project does not adversely affect the groundwater, which of course it does not. Have to ensure them that we operate our gw basin sustainably, we have a groundwater operating plan that we follow, and the saugus is an important supply to us especially in dry years such as this.

R2: Submitted the 1st progress report and invoice, 21% complete.

R2: Still working with DWR to complete the grant agreement. Currently having our counsel review the standard conditions in the agreement. They hope to have a completed agreement by next week. All materials needing to be provided for the commitment letter, including updated scopes, schedules, budgets have been approved.

Next step would be to prepare the sub-grantee agreeements. I sent out an example based on the Round 1 Implementation grant. We will work with our counsel to get those prepared.

Also need to hire a consultant to do the grant adminstration & agree on allocation of funding match for the administrative costs.

C. **2014 Drought Grant**
Preparing the application, Kennedy/Jenks hired.

What we will be covering today. Application is due July 3rd. There is $200M available statewide. In order to access these funds you have to have a project that is within an existing IRWMP plan, vetted through the stakeholder process meeting the IRWMP

Guidelines; meeting the goals and objectives we have determined to be of importance to our region; being ranked and prioritieized.

D. **P84 Local Groundwater Assistance / P84 Stormwater**

DWR requesting documentation of the LCP. Begun the process of submitting an application for an LCP with the Department of Industrial Relations. Working with Deborah Wilder of Contractor Compliance and Monitoring, Inc.

2:45 **Consultant Progress Updates**

A. IRWMP Update and Climate Change Technical Study

Lauren presented an update on the IRWMP progress and CC Technical Study. Adoption Status – everyone has adopted. Need copies of the signed resolutions…have all but LACFD, and need a signed from the City (have the unsigned).

- Plan Review Process Update

Ours was submitted on April 4, 2014, review results anticipated June 4, 2014.

B. Salt and Nutrient Management Plan

Lauren presented an update on the SNMP. The amendment to the consultants contract has been amended by $86,000 necessary to complete the plan.

The steps needed in order to get to a draft plan include:

- Complete Future Water Balances including Saugus Formation
- Re-calculate Assimilative Capacity
- No Project and Project Scenarios
- Meet with Stakeholders – review potential mitigation measures needed to maintain BOs (mid-end July)
- Concurrently complete revisions to early sections and figures
- Provide Complete Draft (August)

3:00 **Watershed News**

A. SCV Sanitation District Overview of Funding and Rate Setting Process for Chloride Compliance

David Bruns from the Santa Clarita Valley Sanitation District gave a presentation to the group on the District's process for funding the chloride compliance project. Mr. Bruns discussed the rate setting process for compliance in particular.

B. Status update on City of Santa Clarita Enhanced Watershed Management Plan

Heather Merenda from the City of Santa Clarita provided an update on the City's development of the Enhanced Watershd Management Plan and associated Monitoring Report.

3:30 **IRWM Plan – Updating the Project List**

Lauren presented the list of prioritized projects to the RWMG group and explained how they were ranked, what the criteria were, and how the RWMG evaluated the projects. She explained that the new projects identified for the 2014 Drought Grant Solicitation, that which were presented to the Stakeholder group at the April 24th stakeholder meeting had been added to the list and given an initial ranking. She then asked the RWMG if they agreed with the project ranking process and overall project list.

The RWMG agreed during the meeting with the project prioritization and affirmed that the list could be adopted into the IRWM Update.

4:00 2014 Drought Funding Solicitation

Lauren provided the RWMG with a report from the May 7th DWR Workshop on the Drought Funding PSP and discussed the group comment letter that was submitted on behalf of the USCR IRWM Region, the Greater LA Region, and the WCVC IRWM Region.

Project sponsors also provided the group with additional information about the three projects that were selected to be in the application:

- CLWA's Enhanced Semitropic Extraction Project
- CLWA's Rosedale Rio-Bravo Extraction Project
- SCVSD's UV Disinfection at the Saugus Water Reclamation Plant

Project long forms for these three projects are attached to the minutes.

4:20 Upcoming Meeting Notices

Lauren announced the Next Stakeholder Meeting – June 26, 2014 and also mentioned the next Joint Meeting with the Lower Santa Clara River Watershed – September 25th – "Successes of IRWMP in the Santa Clara River Watershed"

4:30 Close

UPPER SANTA CLARA RIVER
Integrated Regional Water Management

Upper Santa Clara River Integrated Regional Water Management Plan

Project Identification – Long Form

To the extent possible this form should be electronically filled out and e-mailed BY APRIL 17, 2014 to: LEVERETT@CLWA.ORG. Items denoted with an asterisk are required.

Part 1. Lead Implementing Agency/Organizational Information

Please provide the following information regarding the project sponsor and proposed project.

Implementing Agency/ Organization / Individual: *

Castaic Lake Water Agency/Jeff Ford

Agency / Organization / Individual Address:

27234 Bouquet Canyon Road, Santa Clarita, CA 91350

Possible Partnering Agencies:

Semitropic Water Storage District (Kern County, CA)

Name:*

Jeff Ford

Title:

Principal Water Resources Planner

Telephone:*

661-513-1281

Fax:

Email:*

jford@clwa.org

Website:

CLWA.org

Project Name:*

CLWA Semitropic Water Banking Extraction Enhancement

Either the latitude/longitude or a location description is required. To determine the latitude/longitude, use the closest address or intersection. If the project is linear, use the furthest upstream latitude/longitude.

Project Latitude:

Project Longitude:

Location Description:	Kern County near Wasco and east of the California Aqueduct

Project Cooperating Agency(ies)/Organization(s)/Individual(s):

• Semitropic Water Storage District, Kern County, CA
•
•
•

Project Status (e.g., new, ongoing, expansion, new phase):

New extraction/recharge capacity for existing water banking program

Part 2. Project Need*

It is important to understand the need(s) or issue(s) that the proposed project will address and the benefits that it will provide. Information provided in this section defines the need(s) or issue(s) that the proposed project will address and will help to catalog existing need(s) or issue(s) in the Upper Santa Clara River Watershed Region.

Please provide a 1-2 paragraph description of the need(s) or problem(s) that the project will address. As applicable, discuss the water supply need, operational efficiency need, water quality need, or resource stewardship need (e.g. ecosystem restoration, floodplain management) need. Discuss critical impacts that will occur if the proposal is not implemented.

IMPORTANT: Specifically indicate how the project will effectively address the *immediate need for drought preparedness*. See the Statewide Priority "Drought Preparedness" in the 2012 IRWM Program Guidelines, pg. 12.
http://www.dwr.water.ca.gov/irwm/grants/docs/Guidelines/GL_2012_FINAL.pdf

Per the 2010 Santa Clarita Valley Urban Water Management Plan, during critical dry years, the area is dependent on banked supplies from two major Kern County groundwater banking programs. For years 2010 through 2020, the UWMP Single-Dry Year scenario relies on 20,000 afy each to be supplied from both the Rosedale-Rio Bravo Water Storage District Water Banking Program (RRB) and the Semitropic Water Storage District Banking Program (Semitropic). For the Semitropic bank, CLWA expected to use the Newhall Land's first priority extraction capacity of 4,950 afy. This has proven problematic in that costs of the use of this extraction capacity are high and its availability is not guaranteed in a given year when the banked supplies are required in the CLWA service area. In order to ensure that the CLWA service area has access to banked supplies during critical dry years, it is imperative that CLWA acquire first priority access to its banked supplies in the Semitropic Banking Program.

UPPER SANTA CLARA RIVER
Integrated Regional Water Management

Part 3. Project Description*

A general description of the proposed project is needed. This section will provide information associated with the project concept, general project information, and readiness to proceed. It is recognized that much of the requested information may not be available for projects that are at a conceptual level of project development. We appreciate and need your ideas.

Please provide a 1-2 paragraph description of the project including the general project concept, what will be constructed/implemented, how the constructed project will function, and treatment methods, as appropriate.

CLWA currently has 45,970 af of banked water in the Semitropic Water Banking Program which is difficult to extract during dry years. CLWA's project will acquire additional extraction and storage capacity in the Semitropic Water Bank in order to ensure its banked supplies can be delivered in dry years such as the current one. The Agency will require 5,000 af from the Semitropic Water Bank this year and has struggled to have the Bank's first priority partners grant access to the extraction capacity needed. This leaves the Agency's service area with potential shortfall in the future. Extraction capacity of 5,000 afy from the Semitropic water bank was needed in the Single-Dry Year scenario was required for the duration of the period covered by the 2010 UWMP (2050).

If applicable, list surface water bodies and groundwater basins associated with the proposed project:

- Kern Water Bank
- SWP/SWP Western Branch (for delivery to the Agency's service area)
-
-

Please identify up to three available documents which contain information specific to the proposed project:

- CLWA Letter Agreements to store water in the Semitropic Water Bank
- Extension of CLWA's 2002 and 2003 Groundwater Banking Projects Initial Study/Neg. Dec
- Santa Clarita Valley 2010 Urban Water Management Plan

UPPER SANTA CLARA RIVER
Integrated Regional Water Management

Part 4. IRWMP Objectives Addressed by Project*

Describe how the project meets any of the following IRWMP objectives:

Reduce Potable Water Demand: Implement technological, legislative and behavioral changes that will reduce user demands for water.	_____
Increase Water Supply*:* Understand future regional demands and obtain necessary water supply sources.	Permits greater access to banked water supplies during dry years consistent with the 2010 Santa Clarita Valley UWMP.
Improve Water Quality: Supply drinking water with appropriate quality; improve groundwater quality; and attain water quality standards.	
Promote Resource Stewardship*:* Preserve and improve ecosystem health; improve flood management; and preserve and enhance water-dependent recreation.	_____
Flooding/Hydromodification: Reduce the negative effects on waterways and watershed health caused by hydromodification and flooding outside the natural erosion and deposition process endemic to the Santa Clara River.	_____
Take actions within the watershed to adapt to climate change	Increases water supply reliability by permitting greater access to banked water supplies. Makes better use of the ability to store water during wet/average years for use during dry years. Helps to ensure the overall reliability of the CLWA's supplies.
Promote projects and actions that reduce greenhouse gas (GHG) emissions	_____

UPPER SANTA CLARA RIVER
Integrated Regional Water Management

Part 5. Resource Management Strategies *

Please indicate California Water Plan strategies addressed by the proposed project. (Check all that apply)

Reduce Water Demands			
☐ Primary	☐ Secondary	☐ NA	Agricultural Water Use Efficiency
☐ Primary	☐ Secondary	☐ NA	Urban Water Use Efficiency
Improve Operational Efficiency and Transfers			
☒ Primary	☐ Secondary	☐ NA	Conveyance – Delta, Regional/Local
☐ Primary	☐ Secondary	☐ NA	System Reoperation
☒ Primary	☐ Secondary	☐ NA	Water Transfers
☐ Primary	☐ Secondary	☐ NA	Other (Please State):_____
Increase Water Supply			
☒ Primary	☐ Secondary	☐ NA	Conjunctive Management and Groundwater Storage
☐ Primary	☐ Secondary	☐ NA	Desalination – Brackish/Seawater
☐ Primary	☐ Secondary	☐ NA	Precipitation Enhancement
☐ Primary	☐ Secondary	☐ NA	Recycled Municipal Water
☐ Primary	☐ Secondary	☐ NA	Surface Storage – CALFED or Regional/Local
☐ Primary	☐ Secondary	☐ NA	Other (Please State): _____
Improve Water Quality			
☐Primary	☐Secondary	☐ NA	Drinking Water Treatment and Distribution
☐ Primary	☐ Secondary	☐ NA	Groundwater/Aquifer Remediation
☐ Primary	☐ Secondary	☐ NA	Matching Quality to Use
☐ Primary	☐ Secondary	☐ NA	Pollution Prevention
☐ Primary	☐ Secondary	☐ NA	Salt and Salinity Management
☐ Primary	☐ Secondary	☐ NA	Urban Runoff Management
☐ Primary	☐ Secondary	☐ NA	Other (Please State) _____

Practice Resource Stewardship			
☐ Primary	☐ Secondary	☐ NA	Agricultural Lands Stewardship
☐ Primary	☐ Secondary	☐ NA	Economic Incentives (loans, grants, water pricing)
☐ Primary	☐ Secondary	☐ NA	Ecosystem Restoration
☐ Primary	☐ Secondary	☐ NA	Forest Management
☐ Primary	☐ Secondary	☐ NA	Land Use Planning and Management
☐ Primary	☐ Secondary	☐ NA	Recharge Areas Protection
☐ Primary	☐ Secondary	☐ NA	Water-Dependent Recreation
☐ Primary	☐ Secondary	☐ NA	Watershed Management
☐ Primary	☐ Secondary	☐ NA	Other (Please State): _____
Improve Flood Risk Management			
☐ Primary	☐ Secondary	☐ NA	Flood Risk Management
Other Strategies			
☐ Primary	☐ Secondary	☐ NA	Please State: _____

Is the proposed project an element or phase of a regional or larger program?	☒ Yes ☐ No
If yes, please identify the program	Semitropic Water Storage District Water Banking Program

UPPER SANTA CLARA RIVER
Integrated Regional Water Management

Part 6. Project Readiness*

Item	Status (e.g., not initiated, in process, complete)	Date
Conceptual Plans	_____	_____ **(mm/dd/yyyy)**
Feasibility Study	_____	_____ **(mm/dd/yyyy)**
Preliminary Design and Cost Estimates	_____	_____ **(mm/dd/yyyy)**
CEQA/NEPA	Complete for the Semitropic Water Bank. CLWA will prepare an addendum to its existing IS/ND for its Semitropic banking program.	_____ **(06/30/2014)**
Permits	_____	_____ **(mm/dd/yyyy)**
Construction Drawings	_____	_____ **(mm/dd/yyyy)**
Funding	_____	_____ **(mm/dd/yyyy)**

For projects that do not include construction, please briefly describe the project readiness-to proceed.

Water Banking Program is in place and banking partners are being sought to acquire shares in the expanded program. Therefore, the project could be commenced immediately with delivery of existing banked water supplies in the fall of 2014.

UPPER SANTA CLARA RIVER
Integrated Regional Water Management

Part 7. Other Project Benefits *

Please provide a 1-2 paragraph description of the benefit(s) that the project will address. Information provided will be used in the assessment of project benefits. Quantify benefits to the extent possible (e.g., project will result in x acre-feet of water savings, project will benefit x acres of habitat)

The project will permit access to banked supplies during dry years. Allowing water to be stored in wet years and accessed in dry years decreases overall need for imported water supplies as low supply years can be augmented by banked supplies.

Does the project address any known environmental justice issues?
☐ **Yes** ☒ **No** ☐ **Not Sure**

Is the project located within or adjacent to a disadvantaged community?
☐ **Yes** ☒ **No** ☐ **Not Sure**

Does the project include disadvantaged community participation?
☐ **Yes** ☒ **No** ☐ **Not Sure**
If yes, please identify the group or organization: _____

UPPER SANTA CLARA RIVER
Integrated Regional Water Management

Please indicate to what extent your project contributes to Climate Change Response Actions.

Adaptation to Climate Change		
☒	Increases Water Supply Reliability	
☒	Advances/ Expands Conjunctive Management of Multiple Water Supply Sources	
☐	Increases Water Use and/or Reuse Efficiency	
☒	Provides Additional Water Supply	
☐	Promotes Water Quality Protection	
☐	Reduces Water Demand	
☐	Advances/Expands Water Recycling	
☐	Promotes Urban Runoff Reuse	
☐	Addresses Sea Level Rise	
☐	Addresses other Anticipated Climate Change Impact (e.g. through water management system modifications) Please State:	
☐	Improves Flood Control (e.g. through wetlands restoration, management, protection)	
☐	Promotes Habitat Protection	
	☐	Establishes Migration Corridors
	☐	Re-establishes River-Floodplain Hydrologic Continuity
	☐	Re-introduces Anadromous Fish Populations to Upper Watersheds
	☐	Enhances and Protects Upper Watershed Forests and Meadow Systems
	☐	Other (Please State):
☐	Other (Please State):_____	
Reduces Greenhouse Gas Emissions and/or Energy Consumption		
☐	Promotes Energy-Efficient Water Demand Reduction or Increases Water Use Efficiency	
☐	Improves Water System Energy Efficiency	
☐	Advances/Expands Water Recycling	
☐	Promotes Urban Runoff Reuse that Leads to Reduced Energy Demand	
☐	Promotes Use of Renewable Energy Sources	
☒	Contributes to Carbon Sequestration (e.g. through vegetation growth)	
☐	Other (Please State):	

Part 8. Project Cost Estimate *

Project cost information is needed to assist in comparing benefits and costs. Additionally, knowledge of the project type and cost will assist in identifying funding sources for potential projects.

Please indicate the estimated total capital cost for project implementation. These costs include land purchase/easement, planning/design/engineering, construction/ implementation, environmental compliance, administration, and contingency.

Lower estimated total capital cost ($): 7,350,000

Upper estimated total capital cost ($): 8,450,000

Of the total capital cost, please indicate the estimated cost for land purchase / easement ($): 0

Annual Operation and Maintenance Cost ($): 70,850

Design Life of Project (years): 30

UPPER SANTA CLARA RIVER
Integrated Regional Water Management

Upper Santa Clara River Integrated Regional Water Management Plan

Project Identification – Long Form

To the extent possible this form should be electronically filled out and e-mailed BY APRIL 17, 2014 to: LEVERETT@CLWA.ORG. Items denoted with an asterisk are required.

Part 1. Lead Implementing Agency/Organizational Information

Please provide the following information regarding the project sponsor and proposed project.

Implementing Agency/ Organization / Individual: *

Castaic Lake Water Agency/Jeff Ford

Agency / Organization / Individual Address:

27234 Bouquet Canyon Road, Santa Clarita, CA 91350

Possible Partnering Agencies:

Rosedale-Rio Bravo Water Storage District (Kern County, CA)

Name:*

Jeff Ford

Title:

Principal Water Resources Planner

Telephone:*

661-513-1281

Fax:

Email:*

jford@clwa.org

Website:

Clwa.org

Project Name:*

Rosedale Rio-Bravo Water Storage District 2014 Drought Relief Project

Either the latitude/longitude or a location description is required. To determine the latitude/longitude, use the closest address or intersection. If the project is linear, use the furthest upstream latitude/longitude.

Project Latitude:

Project Longitude:

Location Description:	Within the Rosedale-Rio Bravo Water Storage District in Kern County, see attached map

Project Cooperating Agency(ies)/Organization(s)/Individual(s):

• Rosedale-Rio Bravo Water Storage District
• Irvine Ranch Water District
•
•

Project Status (e.g., new, ongoing, expansion, new phase):

New

Part 2. Project Need*

It is important to understand the need(s) or issue(s) that the proposed project will address and the benefits that it will provide. Information provided in this section defines the need(s) or issue(s) that the proposed project will address and will help to catalog existing need(s) or issue(s) in the Upper Santa Clara River Watershed Region.

Please provide a 1-2 paragraph description of the need(s) or problem(s) that the project will address. As applicable, discuss the water supply need, operational efficiency need, water quality need, or resource stewardship need (e.g. ecosystem restoration, floodplain management) need. Discuss critical impacts that will occur if the proposal is not implemented.

IMPORTANT: Specifically indicate how the project will effectively address the *immediate need for drought preparedness*. See the Statewide Priority "Drought Preparedness" in the 2012 IRWM Program Guidelines, pg. 12.
http://www.dwr.water.ca.gov/irwm/grants/docs/Guidelines/GL_2012_FINAL.pdf

Per the 2010 Santa Clarita Valley Urban Water Management Plan, during critical dry years, the area is dependent on banked supplies from two major Kern County groundwater banking programs. For years 2010 through 2020, the UWMP Single-Dry Year scenario relies on 20,000 afy each to be supplied from both the Rosedale-Rio Bravo Water Storage District Water Banking Program (RRB) and the Semitropic Water Storage District Banking Program (Semitropic). For the RRB Bank Program, CLWA does not have adequate extraction capacity and it severe drought years can typically only extract approximately 5,000 afy. This has proven problematic in a given year when the banked supplies are required in the CLWA service area. In order to ensure that the CLWA service area has adequate access to banked supplies during critical dry years per the 2010 UWMP, it is imperative that CLWA expand access to its banked supplies in the RRB Banking Program.

UPPER SANTA CLARA RIVER
Integrated Regional Water Management

Part 3. Project Description*

A general description of the proposed project is needed. This section will provide information associated with the project concept, general project information, and readiness to proceed. It is recognized that much of the requested information may not be available for projects that are at a conceptual level of project development. We appreciate and need your ideas.

Please provide a 1-2 paragraph description of the project including the general project concept, what will be constructed/implemented, how the constructed project will function, and treatment methods, as appropriate.

Project would construct three wells for extraction capability and transmission capacity for those wells via pipe/aqueduct to the Cross Valley Canal in Kern County. CLWA currently has over 100,000 af of banked water in the RRB Water Banking Program which has limited extraction capability during dry years. CLWA's project will acquire additional extraction and storage capacity in the RRB Water Bank in order to ensure its banked supplies can be delivered in dry years such as the current one. The Agency will pay for the construction of three wells and transmission capacity in order to increase the amount of extraction by up to 7,500 afy. Extraction capacity of 20,000 afy from the RRB Water Bank was needed in the Single-Dry Year scenario for the duration of the period covered by the 2010 UWMP (2050).

See attachment for fuller description.

If applicable, list surface water bodies and groundwater basins associated with the proposed project:

- Kern Fan
- Cross Valley Canal
- SWP/SWP Western Branch (for delivery to the Agency's service area)
-

Please identify up to three available documents which contain information specific to the proposed project:

- Kennedy/Jenks Consultants CLWA Water Banking Program Memorandum
- Master Environmental Impact Report, Groundwater Storage, Banking, Exchange, Extraction and Conjunctive Use Program (SCH #2000101059), Rosedale-RioBravo Water Storage District
-

UPPER SANTA CLARA RIVER
Integrated Regional Water Management

Part 4. IRWMP Objectives Addressed by Project*

Describe how the project meets any of the following IRWMP objectives:

Reduce Potable Water Demand: Implement technological, legislative and behavioral changes that will reduce user demands for water.	_____
Increase Water Supply*:* Understand future regional demands and obtain necessary water supply sources.	Permits greater access to banked water supplies during dry years consistent with the 2010 Santa Clarita Valley UWMP.
Improve Water Quality: Supply drinking water with appropriate quality; improve groundwater quality; and attain water quality standards.	_____
Promote Resource Stewardship*:* Preserve and improve ecosystem health; improve flood management; and preserve and enhance water-dependent recreation.	_____
Flooding/Hydromodification: Reduce the negative effects on waterways and watershed health caused by hydromodification and flooding outside the natural erosion and deposition process endemic to the Santa Clara River.	_____
Take actions within the watershed to adapt to climate change	Increases water supply reliability by permitting greater access to banked water supplies. Makes better use of the ability to store water during wet/average years.
Promote projects and actions that reduce greenhouse gas (GHG) emissions	_____

UPPER SANTA CLARA RIVER
Integrated Regional Water Management

Part 5. Resource Management Strategies *

Please indicate California Water Plan strategies addressed by the proposed project. (Check all that apply)

Reduce Water Demands			
☐ Primary	☐ Secondary	☐ NA	Agricultural Water Use Efficiency
☐ Primary	☐ Secondary	☐ NA	Urban Water Use Efficiency
Improve Operational Efficiency and Transfers			
☒ Primary	☐ Secondary	☐ NA	Conveyance – Delta, Regional/Local
☐ Primary	☐ Secondary	☐ NA	System Reoperation
☒ Primary	☐ Secondary	☐ NA	Water Transfers
☐ Primary	☐ Secondary	☐ NA	Other (Please State):_____
Increase Water Supply			
☒ Primary	☐ Secondary	☐ NA	Conjunctive Management and Groundwater Storage
☐ Primary	☐ Secondary	☐ NA	Desalination – Brackish/Seawater
☐ Primary	☐ Secondary	☐ NA	Precipitation Enhancement
☐ Primary	☐ Secondary	☐ NA	Recycled Municipal Water
☐ Primary	☐ Secondary	☐ NA	Surface Storage – CALFED or Regional/Local
☐ Primary	☐ Secondary	☐ NA	Other (Please State): _____
Improve Water Quality			
☐Primary	☐Secondary	☐ NA	Drinking Water Treatment and Distribution
☐ Primary	☐ Secondary	☐ NA	Groundwater/Aquifer Remediation
☐ Primary	☐ Secondary	☐ NA	Matching Quality to Use
☐ Primary	☐ Secondary	☐ NA	Pollution Prevention
☐ Primary	☐ Secondary	☐ NA	Salt and Salinity Management
☐ Primary	☐ Secondary	☐ NA	Urban Runoff Management
☐ Primary	☐ Secondary	☐ NA	Other (Please State) _____

UPPER SANTA CLARA RIVER
Integrated Regional Water Management

Practice Resource Stewardship			
☐ Primary	☐ Secondary	☐ NA	Agricultural Lands Stewardship
☐ Primary	☐ Secondary	☐ NA	Economic Incentives (loans, grants, water pricing)
☐ Primary	☐ Secondary	☐ NA	Ecosystem Restoration
☐ Primary	☐ Secondary	☐ NA	Forest Management
☐ Primary	☐ Secondary	☐ NA	Land Use Planning and Management
☐ Primary	☐ Secondary	☐ NA	Recharge Areas Protection
☐ Primary	☐ Secondary	☐ NA	Water-Dependent Recreation
☐ Primary	☐ Secondary	☐ NA	Watershed Management
☐ Primary	☐ Secondary	☐ NA	Other (Please State): _____
Improve Flood Risk Management			
☐ Primary	☐ Secondary	☐ NA	Flood Risk Management
Other Strategies			
☐ Primary	☐ Secondary	☐ NA	Please State: _____

Is the proposed project an element or phase of a regional or larger program?	☒ Yes ☐ No
If yes, please identify the program	Rosedale-Rio Bravo Water Storage District Water Banking Program

UPPER SANTA CLARA RIVER
Integrated Regional Water Management

Part 6. Project Readiness*

Item	Status (e.g., not initiated, in process, complete)	Date
Conceptual Plans	_____	_____ **(mm/dd/yyyy)**
Feasibility Study	_____	_____ **(mm/dd/yyyy)**
Preliminary Design and Cost Estimates	Complete	_____ **(mm/dd/yyyy)**
CEQA/NEPA	Complete at the programmatic level. Subsequent document initiated _____	_____ **(07/01/2001)**
Permits	initiated	_____ **(mm/dd/yyyy)**
Construction Drawings	30% complete	_____ **(04/24/2014)**
Funding	Budgeted	_____ **(mm/dd/yyyy)**

For projects that do not include construction, please briefly describe the project readiness-to proceed.

UPPER SANTA CLARA RIVER
Integrated Regional Water Management

Part 7. Other Project Benefits *

Please provide a 1-2 paragraph description of the benefit(s) that the project will address. Information provided will be used in the assessment of project benefits. Quantify benefits to the extent possible (e.g., project will result in x acre-feet of water savings, project will benefit x acres of habitat)

The project will permit access to banked supplies during dry years. CLWA currently has nearly 110,000 af stored in the Rosedale Rio Bravo Water Storage. The agreements for the program allow for the extraction of up to 20,000 afy, however, the capacity of the recovery wells and transmission infrastructure will not permit these quantities of water to be recovered during dry years. Water planning for future droughts requires greater ability to recover this water. The proposed wells and transmission facilities (pipelines and channels) would permit the recovery of an additional 7,500 afy. They would also allow for the recharge of the groundwater bank during wet years at a nearly identical rate.

Does the project address any known environmental justice issues?
☐ **Yes** ☒ **No** ☐ **Not Sure**

Is the project located within or adjacent to a disadvantaged community?
☐ **Yes** ☒ **No** ☐ **Not Sure**

Does the project include disadvantaged community participation?
☐ **Yes** ☒ **No** ☐ **Not Sure**
If yes, please identify the group or organization: _____

UPPER SANTA CLARA RIVER
Integrated Regional Water Management

Please indicate to what extent your project contributes to Climate Change Response Actions.

Adaptation to Climate Change		
☒	Increases Water Supply Reliability	
☒	Advances/ Expands Conjunctive Management of Multiple Water Supply Sources	
☐	Increases Water Use and/or Reuse Efficiency	
☒	Provides Additional Water Supply	
☐	Promotes Water Quality Protection	
☐	Reduces Water Demand	
☐	Advances/Expands Water Recycling	
☐	Promotes Urban Runoff Reuse	
☐	Addresses Sea Level Rise	
☐	Addresses other Anticipated Climate Change Impact (e.g. through water management system modifications) Please State:	
☐	Improves Flood Control (e.g. through wetlands restoration, management, protection)	
☐	Promotes Habitat Protection	
	☐	Establishes Migration Corridors
	☐	Re-establishes River-Floodplain Hydrologic Continuity
	☐	Re-introduces Anadromous Fish Populations to Upper Watersheds
	☐	Enhances and Protects Upper Watershed Forests and Meadow Systems
	☐	Other (Please State):
☐	Other (Please State):_____	
Reduces Greenhouse Gas Emissions and/or Energy Consumption		
☐	Promotes Energy-Efficient Water Demand Reduction or Increases Water Use Efficiency	
☐	Improves Water System Energy Efficiency	
☐	Advances/Expands Water Recycling	
☐	Promotes Urban Runoff Reuse that Leads to Reduced Energy Demand	
☐	Promotes Use of Renewable Energy Sources	
☐	Contributes to Carbon Sequestration (e.g. through vegetation growth)	
☐	Other (Please State):	

Part 8. Project Cost Estimate *

Project cost information is needed to assist in comparing benefits and costs. Additionally, knowledge of the project type and cost will assist in identifying funding sources for potential projects.

Please indicate the estimated total capital cost for project implementation. These costs include land purchase/easement, planning/design/engineering, construction/ implementation, environmental compliance, administration, and contingency.

Lower estimated total capital cost ($): 6.7 million (CLWA share)

Upper estimated total capital cost ($):8.0 million (CLWA share)

Of the total capital cost, please indicate the estimated cost for land purchase / easement ($):

Annual Operation and Maintenance Cost ($):

Design Life of Project (years): 50

UPPER SANTA CLARA RIVER
Integrated Regional Water Management

Upper Santa Clara River Integrated Regional Water Management Plan

Project Identification – Long Form

To the extent possible this form should be electronically filled out and e-mailed BY APRIL 17, 2014 to: LEVERETT@CLWA.ORG. Items denoted with an asterisk are required.

Part 1. Lead Implementing Agency/Organizational Information

Please provide the following information regarding the project sponsor and proposed project.

Implementing Agency/ Organization / Individual: *

Santa Clarita Valley Sanitation District (SCVSD)

Agency / Organization / Individual Address:

1955 Workman Mill Road, Whittier CA 90607

Possible Partnering Agencies:

Name:*

Matthew Bao

Title:

Project Engineer

Telephone:*

(562) 908-4288 x2809

Fax:

(562) 908-4293

Email:*

mbao@lacsd.org

Website:

http://www.lacsd.org

Project Name:*

Valencia Water Reclamation Plant UV Disinfection System Facilities

Either the latitude/longitude or a location description is required. To determine the latitude/longitude, use the closest address or intersection. If the project is linear, use the furthest upstream latitude/longitude.

Project Latitude: 34°25'47"

Project Longitude: 118°35'27"

UPPER SANTA CLARA RIVER
Integrated Regional Water Management

Location Description:	Santa Clarita - Valencia Water Reclamation Plant

Project Cooperating Agency(ies)/Organization(s)/Individual(s):

•
•
•
•

Project Status (e.g., new, ongoing, expansion, new phase):

New

Part 2. Project Need*

It is important to understand the need(s) or issue(s) that the proposed project will address and the benefits that it will provide. Information provided in this section defines the need(s) or issue(s) that the proposed project will address and will help to catalog existing need(s) or issue(s) in the Upper Santa Clara River Watershed Region.

Please provide a 1-2 paragraph description of the need(s) or problem(s) that the project will address. As applicable, discuss the water supply need, operational efficiency need, water quality need, or resource stewardship need (e.g. ecosystem restoration, floodplain management) need. Discuss critical impacts that will occur if the proposal is not implemented.

IMPORTANT: Specifically indicate how the project will effectively address the *immediate need for drought preparedness*. See the Statewide Priority "Drought Preparedness" in the 2012 IRWM Program Guidelines, pg. 12.
http://www.dwr.water.ca.gov/irwm/grants/docs/Guidelines/GL_2012_FINAL.pdf

Ultra-violet (UV) disinfection at the Valencia WRP would reduce chloride levels in treated wastewater discharged to the Santa Clara River. This project addresses water quality impacts and conflicts caused by the 2014 Drought conditions, and anticipated impacts if drought or dry year conditions continue in 2015 and beyond. In particular, the project addresses recurring increases in chloride loadings to the WRP due to drinking water supplied by the State Water Project, which rise cyclically during droughts and contribute to non-compliance with receiving water standards. The Regional Water Quality Control Board has established a Total Maximum Daily Load for chloride in the Upper Santa Clara River to protect salt-sensitive agricultural crops grown in the lower Santa Clara River watershed. Due to the potential impacts on downstream agricultural interests, the issue of chloride levels in the Santa Clara River has led to conflict for over fifteen years.

UPPER SANTA CLARA RIVER
Integrated Regional Water Management

Part 3. Project Description*

A general description of the proposed project is needed. This section will provide information associated with the project concept, general project information, and readiness to proceed. It is recognized that much of the requested information may not be available for projects that are at a conceptual level of project development. We appreciate and need your ideas.

Please provide a 1-2 paragraph description of the project including the general project concept, what will be constructed/implemented, how the constructed project will function, and treatment methods, as appropriate.

The Valencia Water Reclamation Plant UV Disinfection System Facilities project will replace the existing chlorination system at the WRP with UV disinfection facilities that will minimize the addition of chloride during wastewater treatment and produce effluent with improved water quality. The UV disinfection facilities will be constructed within the boundaries of the Valencia WRP and include construction of UV reactors (concrete channels), containing lamps and appurtenant electrical, mechanical, and control systems.

If applicable, list surface water bodies and groundwater basins associated with the proposed project:

• Surface water - Santa Clara River (Reaches 4A and 5)
• Groundwater basin – Eastern Piru Basin
•
•

Please identify up to three available documents which contain information specific to the proposed project:

• Santa Clarita Valley Sanitation District Chloride Compliance Facilities Plan and Environmental Impact Report
• Resolution No. R4-2008-012 (December 11, 2008), California Regional Water Quality Control Board, Los Angeles Region
•

Part 4. IRWMP Objectives Addressed by Project*

Describe how the project meets any of the following IRWMP objectives:

Reduce Potable Water Demand: Implement technological, legislative and behavioral changes that will reduce user demands for water.	_____
Increase Water Supply*:* Understand future regional demands and obtain necessary water supply sources.	
Improve Water Quality: Supply drinking water with appropriate quality; improve groundwater quality; and attain water quality standards.	Pollution Prevention and Salinity Management – Utilization of UV disinfection technology would contribute to compliance with the USCR Chloride TMDL due to reduced chloride loadings to the Santa Clara River from the Valencia WRP.
Promote Resource Stewardship*:* Preserve and improve ecosystem health; improve flood management; and preserve and enhance water-dependent recreation.	_____
Flooding/Hydromodification: Reduce the negative effects on waterways and watershed health caused by hydromodification and flooding outside the natural erosion and deposition process endemic to the Santa Clara River.	_____
Take actions within the watershed to adapt to climate change	_____
Promote projects and actions that reduce greenhouse gas (GHG) emissions	_____

UPPER SANTA CLARA RIVER
Integrated Regional Water Management

Part 5. Resource Management Strategies *

Please indicate California Water Plan strategies addressed by the proposed project. (Check all that apply)

Reduce Water Demands			
☐ Primary	☐ Secondary	☒ NA	Agricultural Water Use Efficiency
☐ Primary	☐ Secondary	☒ NA	Urban Water Use Efficiency
Improve Operational Efficiency and Transfers			
☐ Primary	☐ Secondary	☒ NA	Conveyance – Delta, Regional/Local
☐ Primary	☐ Secondary	☒ NA	System Reoperation
☐ Primary	☐ Secondary	☒ NA	Water Transfers
☐ Primary	☐ Secondary	☒ NA	Other (Please State):_____
Increase Water Supply			
☐ Primary	☐ Secondary	☒ NA	Conjunctive Management and Groundwater Storage
☐ Primary	☐ Secondary	☒ NA	Desalination – Brackish/Seawater
☐ Primary	☐ Secondary	☒ NA	Precipitation Enhancement
☐ Primary	☐ Secondary	☒ NA	Recycled Municipal Water
☐ Primary	☐ Secondary	☒ NA	Surface Storage – CALFED or Regional/Local
☐ Primary	☐ Secondary	☒ NA	Other (Please State):
Improve Water Quality			
☐Primary	☐Secondary	☒ NA	Drinking Water Treatment and Distribution
☐ Primary	☐ Secondary	☒ NA	Groundwater/Aquifer Remediation
☐ Primary	☐ Secondary	☒ NA	Matching Quality to Use
☒ Primary	☐ Secondary	☐ NA	Pollution Prevention
☒ Primary	☐ Secondary	☐ NA	Salt and Salinity Management
☐ Primary	☐ Secondary	☒ NA	Urban Runoff Management
☐ Primary	☐ Secondary	☒ NA	Other (Please State) _____

UPPER SANTA CLARA RIVER
Integrated Regional Water Management

Practice Resource Stewardship			
☐ Primary	☐ Secondary	☒ NA	Agricultural Lands Stewardship
☐ Primary	☐ Secondary	☒ NA	Economic Incentives (loans, grants, water pricing)
☐ Primary	☐ Secondary	☒ NA	Ecosystem Restoration
☐ Primary	☐ Secondary	☒ NA	Forest Management
☐ Primary	☐ Secondary	☒ NA	Land Use Planning and Management
☐ Primary	☐ Secondary	☒ NA	Recharge Areas Protection
☐ Primary	☐ Secondary	☒ NA	Water-Dependent Recreation
☐ Primary	☐ Secondary	☒ NA	Watershed Management
☐ Primary	☐ Secondary	☒ NA	Other (Please State): _____
Improve Flood Risk Management			
☐ Primary	☐ Secondary	☒ NA	Flood Risk Management
Other Strategies			
☐ Primary	☐ Secondary	☒ NA	Please State: _____

Is the proposed project an element or phase of a regional or larger program?	☒ Yes ☐ No
If yes, please identify the program	Santa Clarita Valley Sanitation District Chloride Compliance Facilities Plan

UPPER SANTA CLARA RIVER
Integrated Regional Water Management

Part 6. Project Readiness*

Item	Status (e.g., not initiated, in process, complete)	Date
Conceptual Plans	Complete	10/28/2013 **(mm/dd/yyyy)**
Feasibility Study	Complete	10/28/2013 **(mm/dd/yyyy)**
Preliminary Design and Cost Estimates	Not initiated	09/01/2015 **(mm/dd/yyyy)**
CEQA/NEPA	Complete	10/28/2013 **(mm/dd/yyyy)**
Permits	Not Initiated	07/01/2019 **(mm/dd/yyyy)**
Construction Drawings	Not Initiated	09/30/2016 **(mm/dd/yyyy)**
Funding	In Process	07/2014 **(mm/dd/yyyy)**

For projects that do not include construction, please briefly describe the project readiness-to proceed.

UPPER SANTA CLARA RIVER
Integrated Regional Water Management

Part 7. Other Project Benefits *

Please provide a 1-2 paragraph description of the benefit(s) that the project will address. Information provided will be used in the assessment of project benefits. Quantify benefits to the extent possible (e.g., project will result in x acre-feet of water savings, project will benefit x acres of habitat)

Ultra-violet (UV) disinfection at the Valencia WRP will reduce up to 7 mg/L of chloride in treated wastewater discharged to the Santa Clara River. This project addresses water quality impacts and conflicts caused by the 2014 Drought conditions and is one of a suite of projects approved by the SCVSD board of directors to achieve compliance with the 100 mg/L chloride water quality requirement of the Upper Santa Clara River Chloride TMDL.

Does the project address any known environmental justice issues?
☐ **Yes** ☒ **No** ☐ **Not Sure**

Is the project located within or adjacent to a disadvantaged community?
☐ **Yes** ☒ **No** ☐ **Not Sure**

Does the project include disadvantaged community participation?
☐ **Yes** ☒ **No** ☐ **Not Sure**
If yes, please identify the group or organization: _____

UPPER SANTA CLARA RIVER
Integrated Regional Water Management

Please indicate to what extent your project contributes to Climate Change Response Actions.

Adaptation to Climate Change		
☐	Increases Water Supply Reliability	
☐	Advances/ Expands Conjunctive Management of Multiple Water Supply Sources	
☐	Increases Water Use and/or Reuse Efficiency	
☐	Provides Additional Water Supply	
☒	Promotes Water Quality Protection	
☐	Reduces Water Demand	
☐	Advances/Expands Water Recycling	
☐	Promotes Urban Runoff Reuse	
☐	Addresses Sea Level Rise	
☐	Addresses other Anticipated Climate Change Impact (e.g. through water management system modifications) Please State:	
☐	Improves Flood Control (e.g. through wetlands restoration, management, protection)	
☐	Promotes Habitat Protection	
	☐	Establishes Migration Corridors
	☐	Re-establishes River-Floodplain Hydrologic Continuity
	☐	Re-introduces Anadromous Fish Populations to Upper Watersheds
	☐	Enhances and Protects Upper Watershed Forests and Meadow Systems
	☐	Other (Please State):
☐	Other (Please State):_____	
Reduces Greenhouse Gas Emissions and/or Energy Consumption		
☐	Promotes Energy-Efficient Water Demand Reduction or Increases Water Use Efficiency	
☐	Improves Water System Energy Efficiency	
☐	Advances/Expands Water Recycling	
☐	Promotes Urban Runoff Reuse that Leads to Reduced Energy Demand	
☐	Promotes Use of Renewable Energy Sources	
☐	Contributes to Carbon Sequestration (e.g. through vegetation growth)	
☐	Other (Please State):	

Part 8. Project Cost Estimate *

Project cost information is needed to assist in comparing benefits and costs. Additionally, knowledge of the project type and cost will assist in identifying funding sources for potential projects.

Please indicate the estimated total capital cost for project implementation. These costs include land purchase/easement, planning/design/engineering, construction/ implementation, environmental compliance, administration, and contingency.

Lower estimated total capital cost ($): $20,000,000

Upper estimated total capital cost ($):

Of the total capital cost, please indicate the estimated cost for land purchase / easement ($):

Annual Operation and Maintenance Cost ($): $0.08 M per year

Design Life of Project (years): 20 years

Project ID	Project Name	Sponsor Agency	Estimated Cost	Requested Grant Funds	Objectives: *Reduce Potable Water Demand*	*Increase Water Supply*	*Improve Water Quality*	*Promote Resource Stewardship*	*Flooding/ Hydromodification*	*Climate Change Adaptation*	*GHG Reduction*	Project and Project Applicant Eligibility	Addresses Multiple Objectives	Obj. notes	Integrates Multiple Resource Management Strategies	RMS notes	Benefits DAC/Increases DAC Participation		Addresses Critical Water Issues for Native American Tribal Communities	Environmental Justice Concerns		Consistent with Local Land Use Plans	Improves Interregional Coordination		Readiness to Proceed	Readiness to proceed notes	Tie-Breaker Points	Notes on Tie-Breaker Points	Total	Rank
CLWA-1	Rosedale Rio-Bravo Water Storage District 2014 Drought Relief Project	City of Santa Clarita	$6.7M (CLWA share) - $8.0M (Capital); 50 year design life	$4.875 - $6M		◆				◆		5	30	2 objectives listed as met.	15	3 RMS listed. 3 were found to be applicable.	0	No DAC benefits	0	0	No EJ issues addressed	100	100	Coordination with entities outside of IRWM Region, incl. Kern County, Irvine regions	200	Costs are provided in detail and benefits seem to be quantifiable for a cost-effectiveness or cost benefit analysis - points given. It was stated during the presentation that 25% cost share was available.	0		450	1
CLWA-2	Semitropic Water Banking Extraction Enhancement	Santa Clarita Valley Sanitation District	$7,350,000 - $8,000,000 (Capital)/$70,850/yr over 30 years (O&M)	$6.375M		◆				◆		5	30	2 objectives listed as met. Points were also given for Resource Stewarship and for reducing potable water demand because of the removal of highly inefficient devices.	15	3 RMS listed. 3 were found to be applicable.	0	No DAC benefits	0	0	No EJ issues addressed	100	0	There is no apparent improved interregional coordination with the project.	175	7 items complete. Construction drawings do not seem to be complete.	0		325	4
SCVSD-1	Valencia Water Reclamation Plant Ultra Violet (UV) Disinfection System Facilities Project	Santa Clarita Valley Sanitation District	$20,000 (Capital)	$5M			◆				◆	5	30	1 objective identified, 2 objectives determined to be met. Promote GHG Emissions by prioritizing development and use of water sources with lowest GHG emissins.	15	2 RMS listed. 3 were found to be applicable; improve operational efficiency.	0	No DAC benefits	0	0	No EJ issues addressed	100	0	There is no apparent improved interregional coordination with the project.	125	5 items complete. Construction drawings, permits, prelim design and costs not initiated.	0		275	9
POWS-1	POWS Deep Well #3	Property Owners Water System / Dan Holmquist	$40,000 - $75,000 (Capital); 50 year design life	$40,000 - $75,000		◆				◆		5	30	2 objectives met. All objectives on long-form checked.	10	6 RMS listed. 2 were found to be applicable. Objectives that seem applicable are: Conjunctive Management and Groundwater Storage, Improve Operational Efficiency and Transfers by use local water source rather than increase demand for imported water.	0	No DAC benefits	0	0	Proponent not sure if EJ issues are addressed. There is no apparent EJ benefit	100	0	There is no apparent improved interregional coordination with the project.	100	5 items identified on form; 4 items seem applicable. 25 pts given for each: conceptual plans complete, feasibility complete, preliminary design and cost estimates complete, funding match available.	0		245	12
SCWD-2	July 2012 Santa Clarita Water Division Water Use Efficiency Strategic Plan Water Use Efficiency Programs	Santa Clarita Water Division	$301,930-$2,520,469 (Capital); $62,370-$366,223/yr over 8 years (O&M)		◆		◆	◆			◆	5	60	5 objectives listed as met, however Inc	25	9 RMS listed, but it's unclear why some would app	0	Proponent unsur	0	0	Proponent not sure if EJ issu	100	0	There is no apparent improve	175	2 items complete. Several items do not apply - points given. Funding still "ongoing" - no points given for cost share. Provide estimate of water savings, which will provide info for CBA - points given.	0		365	2
SCVSD-2	Saugus Water Reclamation Plan - Ultraviolet Light Disinfection Facility	Santa Clarita Valley Sanitation District	$8M-$14M (Capital); $2K/yr for 20 years (O&M)			◆	◆	◆				5	45	4 objectives stated. No points given for	25	7 RMS listed, but some don't actually apply: Grou	0	No DAC benefits	0	0	No EJ issues addressed	100	100	There is no apparent improve	75	No Project Readiness items completed.	0		350	3
CLWA-3	Santa Clarita Valley Water Use Efficiency Strategic Plan	Castaic Lake Water Agency	$1M-$5M/yr over 8 years (Capital)		◆		◆	◆				5	45	3 objectives met. Water supply was list	25	9 RMS listed, but Conveyance, Water Transfers ar	0	Proponent unsur	0	0	Proponent not sure if EJ issu	100	0	There is no apparent improve	150	Unclear if sufficient CBA information is available (no points given). Several items do not apply - points given. Funding is ongoing (no points given).	0		325	4
LADPW-9	SCR South Fork Rubber Dam No. 1 and Spreading Grounds	Los Angeles County Flood Control District	$5M-$9M (Capital); $50K/yr over 50 years (O&M)			◆	◆	◆	◆			5	60	4 objectives met	35	9 RMS listed, but 2 don't seem to apply (points no	0	Proponent unsur	0	0	Proponent not sure if EJ issu	100	0	There is no apparent improve	100	3 items listed as complete and points given for CBA/cost-effectiveness item. Costs and benefits not provided with much detail, but since cost estimate has been completed and benefits have been listed, it is thought that a CBA could be completed by the proponent.	0		300	6
CLWA-8	Foothill Feeder Connection	Castaic Lake Water Agency	$3M-$5M (Capital); $50K/yr over 50 years (O&M)			◆						5	15	1 objective met	15	3 RMS listed	0	No DAC benefits	0	0	No EJ issues addressed	100	0	There is no apparent improve	150	During presentation, points for project readiness stated as "175" but it's unclear why. 5 items listed as complete. Points also given for CBA	0		285	7
SC-5	Biofiltration and Low Impact Development Retrofits	City of Santa Clarita	$4M-$6M (Capital); $200,000/yr over 15 years (O&M)		◆	◆	◆	◆	◆	◆		5	90	6 objectives met. It might be useful to	50	14 RMS listed, but it is unclear how several would	0	Proponent unsur	0	0	Proponent not sure if EJ issu	100	0	There is no apparent improve	25	During presentation, it was stated that up to 50% match is expected to be available.	10	Between SC-5 and SC-6, SC-5 assumed to have lesser cost per water quality benefit achieved	280	8
SC-6	Septic to Sewer Retrofit Project	City of Santa Clarita	$25M-$35M (Capital); unknown O&M			◆	◆	◆				5	45	3 objectives met	45	12 RMS listed, but it is not clear how some apply:	50	"Financial incent	0	0	Proponent not sure if EJ issu	100	0	There is no apparent improve	25	Points given because 25% funding match stated as available during	0		270	10
CLWA-7	Castaic Conduit	Castaic Lake Water Agency	$14,910,000-$16M (Capital); $5,000/yr (O&M)			◆						5	15	1 objective met	10	2 RMS listed	0	No DAC benefits	0	0	No EJ issues addressed	100	0	There is no apparent improve	125	During presentation, points for project readiness stated as "150" but it's unclear why. 3 items listed as complete. Also, points given for CBA item, as it seems like this could be completed based on the nature of the project and completion of preliminary design and cost estimates. Funding for cost share does not seem to be complete although design has already been funded - points not given. Feasibility study does not seem applicable - points given.	0		255	11
CLWA-10	Distribution System - RV-2 Modification	Castaic Lake Water Agency	$2,880,000-$3,200,000 (Capital); $5,000/yr (O&M)			◆						5	15	1 objective met	15	3 RMS listed	0	No DAC benefits	0	0	No EJ issues addressed	100	0	There is no apparent improve	100	During presentation, points for project readiness stated as "150" but it's unclear why. 3 items listed as complete. It is assumed that proponent has details to complete a CBA or cost-effectiveness analysis, based on nature of project and completion of cost estimate and design. Feasibility study doesn't seem to be applicable - points given.	0		235	13
CLWA-9	West Saugus Formation Groundwater Resources Monitoring Project	Castaic Lake Water Agency	$628,675				◆	◆				5	30	2 objectives met	20	4 RMS listed	0	No DAC benefits	0	0	No EJ issues addressed	100	0	There is no apparent improve	75	Cost estimate completed (design is part of the project). Points given for CEQA/NEPA since it's determined to be exempt. Points given for construction drawings since not applicable. It's not clear if enough	0		230	14
NCWD-1	Santa Clara River – Sewer Trunk Line Relocation Phase II and III	Newhall County Water District	$2,500,000 - $4,000,000 (Capital); $30K/yr over 50 years (O&M)				◆	◆				5	30	3 objectives listed, but the Water Supp	30	7 RMS listed. Conveyance is not found to be applic	0	No DAC benefits	0	0	No EJ issues addressed	100	0	There is no apparent improve	25	Conceptual plans complete. Unclear if info is available for CBA.	0		190	15
NCWD-3	Santa Clarita Valley Residential Turf Removal Program	Newhall County Water District	625000 (Capital); $312,500/yr over 2 years (O&M)		◆				◆			5	30	2 objectives listed.	25	1 RMS listed, but points were also given for Urbar	0	No DAC benefits	0	0	No EJ issues addressed	100	0	There is no apparent improve	25	Points were given for Cost benefit/cost-effectiveness analysis because cost estimates are provided and quantitative benefits.	0		185	16
CLWA-11	Santa Clarita Valley Volatile Organic Carbon Groundwater Investigation	Castaic Lake Water Agency	$250,000-$5M (Capital)				◆	◆				5	30	2 objectives met	20	4 RMS listed	0	No DAC benefits	0	0	No EJ issues addressed	100	0	There is no apparent improve	25	Conceptual plans stated as completed during the presentation.	0		180	17