

Attachment 1 – Supporting Documents

Authorization and Eligibility Requirements

Madera Region – IRWM Implementation Grant Application

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Attachment 1.1, Eligible Applicant Documentation

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Eligible Applicant Documentation

The County of Madera (County) has been approved as the sole Applicant for Round 2 of the IRWM Implementation Grants on behalf of the Madera Regional Water Management Group (Madera RWMG). The IRWMG was formed in 2009, when the project proponents signed the Memorandum of Understanding for Integrated Water Management in the Region (MOU) establishing the IRWMG and setting forth parameters for its operation. The MOU is included in the following section of this application as Attachment 2.1, page 2-11.

On February 11, 2013, the IRWMG voted to authorize Madera County as the Applicant for five projects in the Round 2 Implementation Grant process. Item 7 of the IRWMG minutes of that meeting document the action, and are included as Attachment 1.2.

The County Board of Supervisors also authorized the County's application for these grants, and authorized the County Engineer to sign the grant offers if received. Both of these actions are documented by County Resolution 2013-042. See Attachment 1.3.

The County is a recognized agency as defined by the IRWMP. The County of Madera is considered a local agency as a subdivision of the state of California and is therefore eligible to be a member of the IRWMG.

Groundwater Management Plan Compliance

The following projects within this proposal involve or directly affect groundwater or groundwater levels or quality.

- Project B, MD 19 Parkwood Water Supply and Water Meters,
- Project C, MD 8 North Fork/ South Fork Sewer System Improvements
- Project D, Brockman Flood Control Basin,
- Project E, CSA 14 Chuk-Chanse Sewer System Improvements,
- Project F. MD33 Fairmead Sewer Collection, Treatment and Disposal System Plans

Projects B, D, E, and F are all located within the boundaries of the Madera County Groundwater Management Plan.

Project C, MD 8 North Fork/ South Fork Sewer System Improvements, is located in the Sierra Nevada mountains and is not located in a groundwater basin.

Project A, Grant Administration, does not involve or directly affect groundwater.

The Project Applicant, the County of Madera, will implement each of these projects.

The Madera County Groundwater Management Plan was adopted in 2002, and is compliant with AB 3030. It is not yet, however, compliant with the latest requirements of the state as set

forth in California Water Code §10753.7. In 2010, Madera County joined a partnership to develop a new regional Groundwater Monitoring plan with Chowchilla Irrigation District and four other partners. The relationship is documented in a Memorandum of Understanding dated December 14, 2010.

The County has recently partnered with City of Madera, City of Chowchilla, Madera Irrigation District, Gravelly Ford, and SEMCU to update and develop a regional Groundwater Management Plan. A Request for Proposals to update the Groundwater Management Plan has been issued. **It is currently anticipated that the new regional Groundwater Management Plan will be completed and adopted by January 2014.** See GWMP certifications, Attachment 11.

Progress on Meeting Current IRWM Standards

The adopted Madera IRWMP was prepared in 2008, under Prop 50 guidelines. In accordance with current requirements, the Madera County IRWMP applied for an IRWM planning grant to update its Plan to 2010 standards. This grant was approved in April, 2012 and the IRWMP is now awaiting a funding agreement. Once the planning grant is received, the IRWMP will be substantially rewritten and updated to fully comply with current standards.

The work plan for the IRWM Plan update was included in the approved planning grant application. The work plan directly addresses each of the questions posed in the **IRWM Standards Questionnaire (Table 1)**, which is included as Attachment 1.4.

Each of those questions have been addressed, and the appropriate section from the approved grant work plan has been both referenced and copied into the related cell of Table 1. The Madera IRWMP is looking forward to including the proposed greater levels of detail and information in its IRWMP.

List of Projects and Consistency with Adopted IRWM Plan

Because the Madera Region IRWMP was created under Prop 50 guidelines and has not yet been updated to Prop 84 guidelines, it does not include specific project recommendations. Instead each chapter of the current IRWMP discusses water-related issues, problems, and potential solutions. Chapter 9 of the current Plan sets forth a number of key recommendations including the types of projects that will be most beneficial in the region, however these recommendation are not exhaustive. The individual chapters contain additional recommendations and problems to be addressed.

The proposed projects in this application were selected by the RWMP for submission to this grant program because they meet address goals and issues set forth in the IRWMP. Each project's goals, objectives and benefits are discussed individually in the following paragraphs:

A. Grant Administration

The proposed Project A is included to specifically identify and track the costs of overall grant administration and reporting, separate from identifiable project costs. Other than grant administration, no project costs or benefits are accounted to Project A.

B. MD 19 Parkwood Water Supply and Water Meters

The proposed project will be in full compliance with the IRWM Plan. Section 9.1.5 (Water Resource Management Opportunities) of the IRWMP includes the following recommendation:

- “The County operates and maintains 34 County Service Areas and Maintenance Districts that include sewer and water systems. . . . Many of these water and sewer systems are in need of repairs and improvements. Several studies are under way to identify the required improvements and their cost. County staff has recently estimated that it would cost approximately \$90 million to complete repairs and improvements on all County-operated water and sewer systems.”

The MD 19 water system was constructed with three wells, two of which have failed completely and are no longer in service. The third well exhibits substantial sand production and has lost 50% of its original production capacity, leaving total water production for MD 19 at 400 gpm, well below the calculated Max Day Demand (720 gpm) and without the ability to achieve fire flows. There is no storage tank. The system is unmetered, leading to specific water consumption higher than normal for metered systems. The proposed project would construct an additional well to raise production above Max Day Demand, and would install water meters to enhance water conservation.

C. MD 8 North Fork/ South Fork Sewer System Improvements

The proposed project will be in full compliance with the IRWM Plan. Section 9.1.3 of the IRWMP (Water Quality) makes the following observation:

- “The greatest impact of failing septic systems is due to overland flow to surface water bodies. However, failing septic systems can also degrade local shallow groundwater. Untreated wastewater contains excessive nutrients (nitrogen and phosphorus) that can harm native plant and fish populations. Wastewater’s excessive organic matter can also use up the oxygen supply in streams and rivers. Increased levels of microbial populations (bacteria, viruses, and other pathogens) may result from septic system failures.”

Septic tanks in South Fork and North Fork threaten Willow Creek, which is tributary to the San Joaquin River. The proposed project would connect existing and future homes and businesses to the MD 8 WWTF, which would be improved and expanded. Effluent would be applied to

native vegetation at not more than agronomic rates to enhance evapotranspiration and uptake of the effluent, protecting the creek from runoff.

D: Brockman Flood Control Basin

The proposed project will be in full compliance with the IRWM Plan. The following is a list of IRWMP sections that include goals and objectives that are implemented by the project:

- Section 1.2 of Chapter 1 (Introduction) includes the following regional goal for the Valley area: Incorporate flood protection into the water management strategy.
- Section 1.3.1 of Chapter 1 includes these objectives:
 - Explore groundwater and surface water conjunctive use opportunities.
 - • Maximize groundwater recharge.
- Chapter 7 of the IRWMP (Flood Control Planning) lists this objective in Section 7.3, Potential Programs and Projects: Construction of storm water retention basins.

The project offers the opportunity to provide flood control for the existing MD 10 residential area (Madera Ranchos) by providing storage for peak storm waters, while providing a storage/percolation facility that will allow the County to make use of its status as a Friant Long-Term Contractor to purchase Section 215 water (flood release from Friant Dam) to enhance groundwater levels.

Much of the area now within the Zone AO downstream of the proposed basin location would be removed from the Special Flood Hazard Zone entirely, bringing significant flood protection benefits to the Madera Ranchos neighborhood. The flood waters not allowed to pass and instead retained in the basin would be percolated, enhancing groundwater recharge by approximately 30 acre-feet per year on average, in a location which suffers the greatest annual decline in groundwater surface elevation in all of Madera County.

E: CSA 14 Chuk-Chanse Sewer System Improvements

The proposed project will be in full compliance with the IRWM Plan. Section 9.1.3 of the IRWMP (Water Quality) makes the following observation:

- Groundwater quality contaminants of concern in the Valley Floor include high salinity (TDS), arsenic, nitrate, uranium, methane gas, iron, manganese, slime production, and DBCP with the MCL exceeded in some areas. However, most of the groundwater in the Valley Floor is of suitable quality for irrigation. In addition, groundwater of suitable quality for public supply has been demonstrated to be present in most of the area at specific depths.

Section 9.1.5 of the IRWMP (Water Resources Management Opportunities) makes the following observation:

- Wastewater reclamation opportunities exist and can be developed to reduce water demands throughout the County. The primary opportunities to implement reclamation projects are at the cities of Madera and Chowchilla and the community of Oakhurst wastewater treatment plants. Use of treated or percolated effluent to meet agricultural water demands or urban water demands exist, such as golf courses, landscaped areas, etc., and can reduce the amount of groundwater pumped and help maintain and improve the groundwater quality of the basin.

The proposed project will reduce inflow and infiltration in Chuk-Chanse’s wastewater collection line by replacing a cracked and broken segment of the pipe flowing through a natural drainage swale. This will have the secondary benefit of eliminating shallow groundwater contamination from raw wastewater exfiltrating from the pipeline during the dry season when there is no water in the drainage swale. The project will also address damage being caused by wastewater effluent escaping from the WWTF’s storage pond. A shallow hardpan lens captures that seepage and allows it to run laterally into an adjacent orchard where it floods tree roots and measurably reduces the productivity of the affected trees.

F: MD33 Fairmead Sewer Collection, Treatment and Disposal System Plans

The proposed project will be in full compliance with the IRWM Plan. Section 9.1.3 of the IRWMP (Water Quality) makes the following observations:

- Groundwater quality contaminants of concern in the Valley Floor include high salinity (TDS), arsenic, nitrate, uranium, methane gas, iron, manganese, slime production, and DBCP with the MCL exceeded in some areas. However, most of the groundwater in the Valley Floor is of suitable quality for irrigation. In addition, groundwater of suitable quality for public supply has been demonstrated to be present in most of the area at specific depths.
- “The greatest impact of failing septic systems is due to overland flow to surface water bodies. However, failing septic systems can also degrade local shallow groundwater. Untreated wastewater contains excessive nutrients (nitrogen and phosphorus) that can harm native plant and fish populations. Wastewater’s excessive organic matter can also use up the oxygen supply in streams and rivers. Increased levels of microbial populations (bacteria, viruses, and other pathogens) may result from septic system failures.”

The community of Fairmead relies on groundwater from relatively shallow wells, but the community also relies solely on septic systems for wastewater treatment. No wastewater treatment plant exists within several miles in any direction; the City of Chowchilla’s WWTP is the closest option at approximately 5.5 miles from the center of Fairmead. The proposed project would include an engineering report to study the available options for providing wastewater treatment service to the community, and for preparing engineering drawings and specifications in preparation for securing construction funding for the selected project.

Alternatives studied would include consolidation with a larger Chowchilla WWTF and construction of one or more types of WWTF capable of producing effluent that can be conjunctively reused near the community.

Attachment 1.2, February 2013 IRWVG Minutes

Item 7: Approval of Madera County as
Round 2 Implementation Grant Applicant

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Regional Water Management Group
Monday, February 11, 2013 1:30 to 4:00 pm
Location: Sierra Ambulance, Conference Room
40755 Winding Way, Oakhurst, CA 93644

Highway 41 North to Oakhurst to the North end of town. Make a right onto Winding Way (on the right hand corner there is a Fly Fishing Shop) and turn into the 2nd driveway: Sierra Ambulance.

1. Open – Flag Salute

- Introductions

Jeannie Habben – CSWC/ Admin Asst
Carl Janzen – Madera Irrigation District
Doug Welch – Chowchilla Water District
Don Roberts – Gravely Ford Water District
Ken Vang – Madera Cnty Special Districts
Phil Pierre – Root Creek Water District
Sarge Green – San Joaquin Valley Partnership

Amber Adams – Quad Knopf
Michelle Dooley – Dept. Water Resources
Al Solis – SEMCU
Brittany Dyer – Y/S RC & D & CSWC
Steve Haze – Y/S R C & D
Tom – Quad Knopf

2. Review & Approval

- Agenda & Minutes

Phil P made a motion to approve the agenda as is; Al S second the motion; all voted; motion is passed. No changes made.

Doug W made a motion to approve the Minutes as is; Al S second the motion; all voted; motion is passed. No changes made.

3. Public Comment –

The first 15 minutes of each regular meeting is set aside for members of the public to comment on any item within the jurisdiction of the Commission, but not appearing on the agenda. Items presented under public comment may not be discussed or acted upon by the Commission at this time. For items appearing on the agenda, the public is invited to comment at the time the item is called for consideration by the Commission. Any person addressing the Commission under public comment will be limited to a 3 minute presentation to ensure that all interested parties have an opportunity to speak. Also, all persons addressing the Commission must state their name and county of residence for the record.

4. Guest Speaker – Sargeant Green

“12 County Water Work Group” of the San Joaquin Valley Partnership and the Delta Counties Coalition This partnership was created to develop a strategic plan and operating principles that have allowed significant discussion on how to move forward on water management activities we can agree on while leaving more controversial issues behind. They are requesting that there is at least one county supervisor involved from each county in this 12 County Water Work Group. Sarge requested that the RWMG make a recommendation to encourage the supervisors to attend and be involved.

Sarge presented a list of projects that his group has come up with for the 12 counties; there were three projects listed for Madera County. These three projects were projects that appear on the list in the region’s IRWM Plan. Sarge requested that the Madera RWMG review the list and accept the projects listed. The group chose to have this and the above recommendation as action items on the March agenda.

5. Members Reports

- You are invited to join the “visioning workshops” and provide input on the 2014 Madera County Regional Transportation Plan and Sustainable Communities Strategy (RTP/SCS): Tuesday, February 12 in Oakhurst – Wednesday, February 13 in

Madera – Tuesday, February 19 in Madera – Thursday, February 21 in Chowchilla.
For more information: contact MCTC 559-675-0721 or www.maderactc.org

- 2013 Sierra Water Workgroup Summit will be held on June 11-13, 2013 in King's Beach, CA (Tahoe). The 2013 Sierra Water Work Group Summit, will focus on three broad topics: integrated regional water management, policy and legal issues surrounding water and watershed management, and engaging and serving disadvantaged communities and Native American tribes. To find out more about the Sierra Water Workgroup event, please contact Sierra Nevada Alliance Program Associate Gavin Feiger by email gavin@sierranevadaalliance.org or by phone 530-542-4546 ext. 302 or SWWG Coordinator Liz Mansfield by email lhmansfield@gmail.com or by phone (916)273-0488.
www.sierrawaterworkgroup.org
- Sarah R sent an e-mail stating that she had to undergo another eye surgery. She is in recovery and will continue to stay in touch and work with us as much as possible. She has recently assisted Jeannie H with the next round Facilitation Support Services application.
- As a reminder, DWR has scheduled two workshops to assist potential Proposition 84 Implementation Grant Round 2 Solicitation applicants. Two workshops are: February 12, 2013 at 10:00 a.m. - 12:30 p.m., Los Angeles County Department of Public Works & February 14, 2013 at 10:00 a.m. - 12:30 p.m., Sacramento, CA. The workshop presentation is posted on the IRWM Grants website at <http://www.water.ca.gov/irwm/grants>. For those planning on attending one of the upcoming Proposition 84 Round 2 workshops, please bring a copy of the presentation as well as a copy of the Round 2 Proposal Solicitation Package (PSP). The Round 2 PSP can also be found at: <http://www.water.ca.gov/irwm/grants>.
- It was reported that there is currently about eight weeks of water available to run in the summer. If it does not rain it could be less. There is currently 65% to 70% class one water available.

6. Discussion and Approval – Financial Report/Warrant Approvals

Al S made a motion to approve the Income Statement as of 02/05/13; Phil P second the motion; all voted; motion is passed. No changes made.

New Business:

7. Discussion and Approval - Round II Implementation Grant Proposals

Ken V discussed the projects that he would like to submit to DWR for the Round II Implementation grant process. It was decided after discussions that there would be five out of the seven projects to be submitted:

- MD – 33 Fairmead Sewer System
- MD-19 A/B Parkwood Water System
- Madera Ranchos Multi-Use Basin/Brockman Park
- CSA- 14 Chuk-Chanse
- MD- 08

Phil P made a motion to recommend that Madera County is the Applicant for the 5 projects, for a total of about \$8.4 million; Steve H second the motion; all voted; motion is passed. No changes made.

Don R made a motion to recommend Yosemite/Sequoia Resource Conservation & Development Council as the Grantee for the above application, for a total of about \$8.4 million; Al S second the motion; all voted; motion is passed. No changes made.

8. Discussion and Approval – DAC Member Application

A discussion was held and a review was made on the DAC Member Application that was presented at the January meeting. It was suggested that a link to this application is added to the RWMG webpage.

Phil P made a motion to approve the DAC application as presented; Steve H second the motion; all voted; motion is passed. No changes made.

9. Discussion and Approval – New Member Packet

A discussion was held and a review was made on the New Membership Packet that was presented at the January meeting. Two suggestions were made: remove the Madera County logo from the front page and add contact information with the website information. It was suggested that a link to this packet is added to the RWMG webpage.

Doug W made a motion to approve the New Member Packet with the suggested corrections; Al S second the motion; all voted; motion is passed.

10. Discussion and Approval – Round II Facilitation Support Services Application

Jeannie H, with the assistance from Sarah R submitted the application for review to Michelle D of DWR. There have been some suggested changes to the application; these will be completed and reviewed. Al S made a motion to move the Facilitation Support Services Application forward to submittal with the approval and recommendations made by DWR; Phil P second the motion; all voted; motion is passed.

11. List of IRWM Plan Projects – All Projects

The group reviewed the long list of projects for the IRWM plan update. This is a working document that the group will continue to work on through the plan update process.

Steve H made a motion to approve the Project List as currently presented; Al S second the motion; all voted; motion is passed.

Old Business:

12. Report – Grant Application Updates

- Implementation Grant

Root Creek submitted the second/revised version of the pay request to DWR on 02/11/13. This was re-submitted because the Forest Service in-kind was sent back due to the lack of CEQA so the reporting was redone and sent back. (DWR is checking if the Forest Service is required to have CEQA going back to 2008 match) All projects are moving forward.

- Planning Grant

Commitment letter should be received this week. Y/S RC & D has requested all of the paperwork/application details in electronic form from Provost and Pritchard. This will be a 14 month process with nine task deliverables.

13. Discussion and Report – Overlap Area/MOU with San Joaquin/Westside

San Joaquin/Westside has not yet had a meeting to sign the MOU; the meeting continues to get postponed.

14. Discussion of New or Suggested Memberships to RWMG
Ken V reported that the City of Madera is reviewing all paperwork and is voting to become a member soon. Other suggestions for membership are: North Fork Rancheria of the Mono Indians, Ron Goode – North Fork Mono Indians, and the Mono Nation.

15. Groundwater Management Plan and Groundwater Subsidence
Provost & Pritchard did an excellent presentation to both the Madera County WAC and the Madera County Board of Supervisors about the groundwater and subsidence issue. This can be viewed online. (Jeannie H will locate the link for the group)

It was reported that overdraft is an issue partly because more land is being added to production with more straws going into the ground. Land that used to be rangeland is now in tree and crop production. Chowchilla loses 4 feet a year; Madera Ranchos loses 5 feet a year; and Gravelly Ford loses 5 feet a year. The Groundwater Management Plan committee met last Thursday and has the plan 95% complete. They are waiting for all of the final comments and reports from partners.

16. Future Agenda Items

Action item: vote on the acceptance of the SJV Partnership list of water management projects

17. Next Meeting Location and Time – Monday, March 11, 2013 - 1:30 to 3:30;
Location: Chowchilla City Hall (aka Civic Center), 130 S. Second Street, Chowchilla – in the Training Room. Directions: Highway 99 to Robertson Blvd. – Go West to 2nd Street and make a Left - The City Hall is on the Right. Access the Training Room thru doors located on alley side of the building closest to Third Street (not Second Street). Parking is along Third Street or along Trinity Avenue or in Second Street Parking lot.

18. Adjourn/Action Items: 3:35

- Rewrite FSS application
- e-mail SWWG information to the group
- e-mail MCTC information to the group
- Send Brittany info on 215 water and Eddie Ocampo contact information
- e-mail to brittany re project of water conservation on list for SJV Partnership
- email – P & P Ground water powerpoint to group
- Add a link to the DAC application to the Web page
- Add a link to the Membership package when corrected
- Contact Ron Goode re: membership

**Attachment 1.3, Resolution of Authorization to
Apply for IRWMP Grant and to Contract with DWR**

County Resolution 2013-042

Passed by Madera County
Board of Supervisors

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BEFORE THE
BOARD OF SUPERVISORS
OF THE COUNTY OF MADERA
STATE OF CALIFORNIA

In the Matter of)	Resolution No. <u>2013 - 042</u>
)	
RESOURCE MANAGEMENT)	A RESOLUTION APPROVING THE
AGENCY – DEPARTMENT OF)	PREPARATION, SUBMISSION AND
ENGINEERING)	EXECUTION OF THE INTEGRATED
)	REGIONAL WATER MANAGEMENT PLAN
)	AGREEMENT WITH THE STATE
_____)	DEPARTMENT OF WATER RESOURCES

WHEREAS, on November 24, 2009, the Board of Supervisors of the County of Madera, State of California, adopted the Integrated Regional Water Management Plan (IRWMP); and

WHEREAS, on November 24, 2009, the Board of Supervisors of the County of Madera, State of California, executed a Memorandum of Understanding and thereby joined the Madera County Regional Water Management Group (RWMG); and

WHEREAS, the RWMG approved Provost and Pritchard as the consultant to prepare the Planning Grant Application to update the IRWMP; and

WHEREAS, the members in the RWMG each contributed funds for the first phase of the Planning Grant Application; and

WHEREAS, application to the California Department of Water Resources is required to obtain an Integrated Regional Water Management Implementation Grant pursuant to the Safe Drinking Water, Water Quality and Supply, Flood Control, River and Coastal Protection Bond Act of 2006.

NOW, THEREFORE, BE IT RESOLVED by the Board of the Supervisors of the County of Madera, State of California, that application shall be made to the California Department of Water Resources to obtain an Integrated Regional Water Management Implementation Grant pursuant to the Safe Drinking Water, Water Quality and Supply, Flood Control, River and Coastal Protection Bond Act of 2006 (Pub. Res. Code section 75001 et seq), and to enter into an agreement to receive a grant for the Madera County IRWMP Projects. The Chairman of the Board is hereby authorized and directed to prepare the necessary data, conduct investigations, file such application, and execute a grant agreement with the California Department of Water Resources.

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The foregoing Resolution was adopted this 12TH day of MARCH,

2013, by the following vote:

Director/Supervisor <u>NEVAREZ</u>	<u>yes</u>
Director/Supervisor Rogers voted:	<u>yes</u>
Director/Supervisor Farinelli voted:	<u>yes</u>
Director/Supervisor Rodriguez voted:	<u>yes</u>
Director/Supervisor Wheeler voted:	<u>yes</u>



[Signature]
 Chairman, Board of Supervisors

ATTEST:

[Signature]
 Clerk, Board of Supervisors

Approved as to Legal Form:
COUNTY COUNSEL

By [Signature]

ACCOUNT NUMBER(S):

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Attachment 1.4, Table 1, Progress on Meeting Current IRWMP Standards

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Table 1 – IRWM Plan Standards Questionnaire

Standard	Specific Standard Questions	Status/Response
Governance	Will the governance structure need to be altered in the Updated IRWM Plan in order to ensure that balanced access and opportunity for participation in the IRWM effort is provided?	<p>Yes. Task 2 of the work plan for the Madera IRWMG's approved grant application, states that a Governance section will be added to the plan and will address the following: The governance structure will be documented from existing documents and policies, and any newly developed policies. Existing documents include an MOU, Bylaws and Rules of Order, Mission Statement, and Member Code of Ethics.</p> <ul style="list-style-type: none"> • Document a governance structure that addresses: <ul style="list-style-type: none"> <input checked="" type="checkbox"/> Public outreach <input checked="" type="checkbox"/> Decision making and equal opportunity for participation <input checked="" type="checkbox"/> Effective internal and external communication <input checked="" type="checkbox"/> Long-term implementation <input checked="" type="checkbox"/> Coordination with neighboring IRWMPs and State/Federal agencies <input checked="" type="checkbox"/> Process used to establish plan objectives <input checked="" type="checkbox"/> Process for interim changes, updating or amending the IRWMP • Describe new planning framework and integration strategy
Region Description	Has the regional description changed significantly from the current IRWM Plan?	<p>Yes. Task 3 states that the Region Description will be updated in the following manner:</p> <ul style="list-style-type: none"> • Update the Description of Region Section to include a basis for the region's boundaries, identify neighboring IRWM efforts, and explain gap areas and overlaps. • Incorporate information from new members
Objectives	Will your objectives change from those in the current IRWM Plan? If so, how?	<p>Yes. Task 5 states the IRWMP Objectives will be updated to include the following:</p> <ul style="list-style-type: none"> • Review and update list of objectives to include new considerations, such as 20 x 2020 water efficiency goals, and increased focus on disadvantaged communities • Assign qualitative or quantitative metrics to each objective. • Prioritize the objectives or include reasons why they are not prioritized • Update water supply reliability and demand variations based on climate change scenarios
Resource Management Strategies	Will the Updated IRWM Plan consider the resource management strategies from the California Water Plan, Update 2009?	<p>Yes. Task 6 states the Resource Management Strategies section will be updated as follows:</p> <ul style="list-style-type: none"> • Update Chapter to include additional water management strategies discussed in the 2009 California Water Plan Update, including: agricultural water efficiency, urban water efficiency, precipitation enhancement, incentive programs, rain-fed agriculture and others. Discuss their applicability in the region. • Consider the effects of climate change on the applicability and effectiveness of each water management strategy.

Standard	Specific Standard Questions	Status/Response
Integration	Will the process used in the Updated IRWM Plan allow, encourage, and actively pursue integration in both the planning process and project formulation and implementation?	<p>Yes. The update to the IRWMP will include development of a new Project Review and prioritization process, detailed in the approved grant application as follows:</p> <ul style="list-style-type: none"> • Document the current Project Screening and Prioritization Process • Document the current Project Submittal Process • Document improvements and changes to the Project Review Process
Project Review Process	Will the project review process consider climate change vulnerabilities and greenhouse gas emissions (for both construction and operation)?	Yes. See bullet 6 in the response to Climate Change below.
Technical Analysis	Have any data gaps been identified and how will the Updated IRWM Plan help fill the gaps?	<p>Not at this time. However, task 12 of the approved Grant Application describes the process that will be used to evaluate the adequacy of the IRWM's technical analysis during the IRWMP update:</p> <ul style="list-style-type: none"> • Identify and describe technical information used in developing IRWMP • Evaluate adequacy of information • Describe how technical information aids in understanding the region's water management picture.
Relation to Local Water Use Planning	Will changes to the existing IRWM Plan be needed in order to improve coordination with local water use planning efforts?	<p>Chapter 3 of the current IRWMP outlines the IRWM's relationship to local water use planning efforts. During the Update, Task 13 describes tasks that will be completed to help assure that this coordination is satisfactory for all parties:</p> <ul style="list-style-type: none"> • Update list of local water and land-use plans • Discuss how IRWMP relates to the local documents, and the dynamics between IRWMP and local water plans • Discuss future collaborations between land use planners and water managers
Relation to Local Land Use Planning	Will changes to the existing IRWM Plan be needed in order to improve coordination with land use planning efforts?	<p>Chapter 2 of the current IRWMP outlines the IRWM's relationship to local land use planning efforts. During the Update, Task 13 describes tasks that will be completed to help assure that this coordination is satisfactory for all parties:</p> <ul style="list-style-type: none"> • Update list of local water and land-use plans
Stakeholder Involvement	Will changes or improvements to the stakeholder involvement process be needed to ensure effective stakeholder participation?	<ul style="list-style-type: none"> • Discuss how IRWMP relates to the local documents, and the dynamics between IRWMP and local water plans
Coordination	Has the RWMG identified a need for changes/improvements to the ongoing coordination efforts?	<ul style="list-style-type: none"> • Discuss future collaborations between land use planners and water managers

Standard	Specific Standard Questions	Status/Response
Climate Change	<p>Will the Updated IRWM Plan contain:</p> <ul style="list-style-type: none"> • A climate change vulnerability assessment of the IRWM region that is at least equivalent to the qualitative check list assessment in the Climate Change Handbook for Regional Water Planning (Handbook) ? • A list of prioritized vulnerabilities derived from the vulnerability assessment and the IRWM's decision making process? • A plan, program, or methodology for further data gathering/analyzing of the prioritized vulnerabilities? 	<p>Yes. Task 15 of the approved grant application sets forth six criteria by which the IRWMG will consider Climate Change in setting policy, preparing responses, and project selection:</p> <ul style="list-style-type: none"> • Review Climate Change documents, including the Climate Change section of the California Water Master Plan Update 2009, the Awhanee Principle for Climate Change, 2009 California Climate Adaptation Strategy, and others listed in the DWR Climate Change Clearinghouse • Discuss potential effects of climate change on the IRWMP region • Evaluate the IRWM region's vulnerabilities to the effects of climate change • Identify potential adaptation responses to those vulnerabilities • Incorporate climate change elements from local plans into the IRWMP • Develop a CEQA-compliant process to disclose and consider GHG emissions when choosing between project alternatives