

DEPARTMENT OF WATER RESOURCES

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



December 5, 2014

Mr. Owen Kubit, PE, CFM
Provost & Pritchard
2505 Alluvial Avenue
Clovis, California 93611-9166

Madera Integrated Regional Water Management Plan Final Review

Dear Mr. Kubit:

This letter transmits the Department of Water Resources (DWR) final review of the Madera Integrated Regional Water Management (IRWM) Plan. The public comment period on DWR's review of the Madera IRWM Plan has closed and no public comments were received. DWR has determined that the Plan is consistent with the IRWM Planning Act and the related IRWM Plan Standards contained in the 2012 IRWM Program Guidelines. The final review is posted on the following link:
<http://www.water.ca.gov/irwm/grants/prp.cfm>

If you have any questions, please contact Ted Daum at (916) 651-9264 or theodore.daum@water.ca.gov.

Sincerely,

A handwritten signature in blue ink, appearing to read "Tracie L. Billington".

Tracie L. Billington, P.E. Chief
Financial Assistance Branch
Division of Integrated Regional Water Management

cc: Ms. Jeannie Habben
Madera Regional Water Management Group

INTRODUCTION

IRWM planning regions must have an IRWM Plan that has been reviewed and deemed consistent with the 2012 IRWM Plan Standards by DWR for eligibility to receiving Round 3 Proposition 84 funding. This 2012 IRWM Plan Standards Review Form for DWR staff use provides a consistent means in determining whether the 2012 IRWM Guidelines are being addressed in the IRWM Plan. It is part of the Plan Review Process that will begin prior to Round 3 solicitation. The form is similar to a grant application review form in that there is a checklist for each of the 16 Plan Standards and narrative evaluations where required. However, the evaluation is pass/fail; there is no numeric scoring. Each Plan Standard is either sufficient or not based on its associated requirements. Each Standard consists of between one and fourteen requirements. A Yes or No is automatically calculated in each Plan Standard header based on the individual requirement evaluations. In general, a passing score of "C" (i.e. 70% of the requirements for a given Plan Standard) is required for a Standard to pass. Standards with only one or 2 requirements will need one or both of those requirements to pass. Standards with 3 requirements will need at least 2 of the requirements to pass. Standards with 4 or 5 requirements will need at least 3 to pass. Some plan elements are legislated requirements. Such plan elements must be met in order to be considered consistent with plan standards. A summary of the sufficiency of each Standard is automatically calculated on the Standards Summary worksheet. A "No" evaluation indicates that a Standard was not met due to insufficient requirements comprising the Standard. The evaluation for each Plan Standard and any associated insufficiencies is automatically compiled on the Standards Summary page. Additional reviewer comments may be added at the bottom of each standards work sheet.

Note: This review form is meant to be a tool used in conjunction with the 2012 IRWM Guidelines document to assist in the evaluation of IRWM plans. It is not designed to be a substitute for the Guidelines document itself. Reviewers must use the Guidelines in determining plan consistency.

DEFINITION OF TABLE HEADINGS

IRWM Plan Standard: As named in the November 2012 IRWM Prop 84 and 1E Guidelines.

Overall Standard Sufficient: This field is either "YES" or "NO" and is automatically calculated based on the "Sufficient" column described below. If all fields are "y", the the overall standard is deemed sufficient. Any entry other than a "y" in the Sufficient column (i.e. "n", "?", not sure, more detail needed, etc.) results in a NO.

Plan Standard Requirements Which Must Be Addressed **Fields with an asterisk * are required by legislation to be included in an IRWM Plan.**

Requirement	Requirements are taken directly from the November 2012 Guidelines.
Included	Is the Guideline Requirement included in the IRWM Plan? The options are: y = yes, requirement is included in the IRWMP; or n = no, requirement is not included in the IRWMP. If only y or n then presence/absence of the requirement is sufficient for evaluation. If there is a "q" (qualitative) then add a brief narrative, similar to a Grant Application Review public evaluation or supporting information.
Plan Standard Source	
2012 IRWM Grant Program Guidelines Source Page(s)	Page(s) in the Guidelines (November 2012) which pertain to the Requirement.
Legislative Support and/or Other Citations	The CWC or other regulations that pertain to the Requirement, if applicable . This is for reference purposes. The cell links to a weblink of the regulatory code.
Evidence of Sufficiency	
Location of Standard in Grantee IRWM Plan	The page(s) or sections in the IRWM Plan where information on the Requirement can be found. This can be specific paragraphs or entire chapters for more general requirements.
Brief Qualitative Evaluation Narrative	Supporting information for the Requirement if a "q" is in the Included column. This can be just a few sentences or a paragraph and can be taken directly from the IRWM Plan. Comments or supporting information may be entered regardless of whether required.
Sufficient	Is the Guidelines requirement sufficiently represented in the IRWM Plan (y/n).

2012 IRWM Plan Standards Review Form

Regional Acceptance Process Planning Region: Madera
 Regional Water Management Group: Madera RWMG
 IRWM Plan Title: Madera IRWMP

PLAN IS SUFFICIENT

IRWM Plan Standard	Overall Standard Sufficient	Requirement(s) Insufficient
Governance	Yes	
Region Description	Yes	
Objectives	Yes	
Resource Management Strategies	Yes	
Integration *	Yes	
Project Review Process	Yes	
Impact and Benefit	Yes	
Plan Performance and Monitoring	Yes	
Data Management	Yes	
Finance	Yes	
Technical Analysis	Yes	
Relation to Local Water Planning	Yes	
Relation to Local Land Use Planning	Yes	
Stakeholder Involvement	Yes	
Coordination	Yes	
Climate Change	Yes	

* If not included as an individual section use Governance, Project Review Process, and Data Management Standards per November 2012 Guidelines, p. 44.

Additional Comments:

While deemed consistent with the 2012 Guidelines Plan Standards, DWR recommends that the following be addressed in future IRWM Plan updates:

Governance - Formal and interim processes for updating or amending the IRWM Plan were not found.

Resource Management Strategies -No information was found as to which RMS will be implemented in achieving IRWM Plan Objectives.

Project Review Process - Process does not consider the project proponent's plan adoption status

Impact and Benefit - The section implies that CEQA and possibly NEPA analyses will be conducted prior to implementation of projects in the IRWMP but does not indicate when a more detailed benefit analysis will occur.

Data Management -Data collection techniques are not discussed, only that data collected for the RWMG needs to be compatible with existing databases.

Stakeholder Involvement - The section states that stakeholders are necessary to implement the IRWMP and resource management strategies, but does not state how they are necessary.

IRWM Plan Standard: Governance					Overall Standard Sufficient	Yes	
Requirement	Included		Plan Standard Source		Evidence of Sufficiency	Sufficient	
From IRWM Guidelines	y/n - Present/Not Present in the IRWMP. If y/n/q qualitative evaluation needed.		2012 IRWM Grant Program Guidelines Source Page(s)	Regulatory and/or Other Citations	Location of Standard in Grantee IRWM Plan	Brief Evaluation Narrative	y/n
Document a governance structure to ensure updates to the IRWM Plan							
The name of the RWMG responsible for implementation of the IRWMP	y/n	y	18/35	CWC §10539	2.1		y
A description of the IRWM governance structure	y/n	y	19/36		2.4, Appendix A		y
A description of how the chosen form of governance addresses and ensures :							
Public outreach and involvement processes	y/n/q	y	19/36-37	§10540, §10541	14.1	The RWMG used 9 primary outreach methods for their public outreach efforts: outreach coordinator, meetings, printed material, focused outreach, email, articles, presentations, website, and local agency updates.	y
Effective decision making	y/n/q	y	19/37		2.6	The members of the RWMG serve as the decision-making body. The RWMG strives for consensus among participants in all of its decision-making. A thumbs up/down/sideways voting process is used to assess preliminary support for issues prior to formal voting. Only MOU signatories and DAC Member representatives can participate in the voting process.	y
Balanced access and opportunity for participation in the IRWM process	y/n/q	y	19/37		2.7	Regular membership in the RWMG is open to any entity that signs the MOU, adopts the IRWMP, submits a resolution from its governing board with an intention to join, pays the dues (if not a DAC), and is approved by existing RWMG members. There is no limitation on participation by DAC members. The general public is welcome to attend RWMG meetings and can be added as an interested party.	y
Effective communication – both internal and external to the IRWM region	y/n/q	y	19/37-38		2.8	Internal communication is available at meetings or in contact with RWMG staff, the governance structure helps to foster communication through the subcommittees and embraces an open door policy to the general public. Anyone is free to attend the meetings and to provide their input on content and process. External communication is with the surrounding IRWMs, the media, and general public. The Chairperson or other designated representatives may make public statements on behalf of the Madera RWMG as an entity.	y
Long term implementation of the IRWM Plan	y/n/q	y	19/38		2.9	The RWMG is committed to staying active even in the absence of state funding. The group survived several years with no funding and above all has shown the importance of patience, perseverance, and the power of maintaining strong relationships among water interests in the region. The group is also active in seeking other funding sources besides DWR grants. The planning and implementation horizon for the RWMG is approximately twenty years into the future, into 2034. However, many discussions and actions will be guided by horizons of up to fifty years into the future.	y

IRWM Plan Standard: Governance				Overall Standard Sufficient		Yes	
Requirement	Included		Plan Standard Source	Evidence of Sufficiency		Sufficient	
From IRWM Guidelines	y/n - Present/Not Present in the IRWMP. If y/n/q qualitative evaluation needed.		2012 IRWM Grant Program Guidelines Source Page(s)	Regulatory and/or Other Citations	Location of Standard in Grantee IRWM Plan	Brief Evaluation Narrative	y/n
Coordination with neighboring IRWM efforts and State and federal agencies	y/n/q	y	19/38		2.10, 2.11, 15.7	Coordinates with neighboring IRWMs and participates in Round Table of Regions meetings. They have signed 5 letter of agreements with surrounding IRWMs for regional boundary and coordination and communication reasons. State and federal agencies are welcome to the table -- Sierra National Forest has signed the Madera RWMG MOU. The Group wants to increase coordination with the Natural Resources Conservation Service.	y
The collaborative process(es) used to establish plan objectives	y/n/q	y	19/38		2.12	The IRWMP goals and objectives were established through a collaborative process including numerous public meetings and workshops; and recommendations from the RWMG, Interested Parties, consultants, the general public, and DWR. A 6-step collaborative process is described.	y
How interim changes and formal changes to the IRWM Plan will be performed	y/n/q	y	19/38		2.13	No discussion was found as to how formal or interim changes will be performed or how often any changes will occur.	n
Updating or amending the IRWM Plan	y/n/q	y	19/38		2.13	No formal process was found for updating or amending the IRWM Plan.	n
Publish NOI to prepare/update the plan; adopt the plan in a public meeting	y/n/q	y	35	CWC §10543	2.14, Appendix J	They conformed with Government Code Section 6066 for the formal public noticing in local newspapers. They say that the IRWMP was formally adopted by the RWMG on a "blank" future date, but they don't mention if it was a public meeting -- although I know all of their RWMG meetings are public.	y

IRWM Plan Standard: Region Description					Overall Standard Sufficient	Yes	
Requirement	Included		Plan Standard Source		Evidence of Sufficiency	Sufficient	
From IRWM Guidelines	y/n - Present/Not Present in the IRWMP. If y/n/q qualitative evaluation needed.		2012 IRWM Grant Program Guidelines Source Page(s)	Legislative Support and/or Other Citations	Location of Standard in Grantee IRWM Plan	Brief Evaluation Narrative	y/n
If applicable, describe and explain how the plan will help reduce dependence on the Delta supply regionally	y/n	y	20	--		Not applicable.	y
Describe watersheds and water systems	y/n	y	19/39	PRC §75026.(b)(1) and CWP Update 2009	Chapter 3		y
Describe internal boundaries	y/n	y	19/39	--	Figures 3.1, 3.4-3.16		y
Describe water supplies and demands for minimum 20 year planning horizon	y/n	y	19/39	--	3.4-3.7, 3.16, 3.17		y
Describe water quality conditions	y/n	y	19/40	--	3.9, 3.18, 4.6, 5.2		y
Describe social and cultural makeup, including specific information on DACs and tribal communities in the region and their water challenges.	y/n/q	y	19/40	--	3.21, 4.2, 4.3, 4.5	The Madera Region is a predominantly agricultural area and is experiencing significant growth relative to other Central Valley communities. The County has a poverty rate of >23% and the entire County is considered a DAC. Water supply reliability and water quality are critical to maintaining the local economy in three primary sectors: jobs creation, economic diversification, and housing. The region has two Federally recognized Native American tribes: the Picayune Band of the Chukchansi Indian Tribe and the North Fork Rancheria of Mono Indians.	y
Describe major water related objectives and conflicts *	y/n/q	y	19/40	§10541. (e)(3)	3.22, 5.2, 8.1	Several water related objectives are listed in Table 5.1. The predominant conflict in the region is over surface and groundwater resources which has led to substantial and damaging groundwater overdrafts and significant shortfalls of surface water. Local and independent management of water resources will allow this competition and conflict over water to continue, with increasing incidences of water quality impairments, ground subsidence, increased overall pumping and delivery costs, litigation, and long-term water resources loss.	y

IRWM Plan Standard: Region Description					Overall Standard Sufficient	Yes	
Requirement	Included		Plan Standard Source		Evidence of Sufficiency	Sufficient	
From IRWM Guidelines	y/n - Present/Not Present in the IRWMP. If y/n/q qualitative evaluation needed.		2012 IRWM Grant Program Guidelines Source Page(s)	Legislative Support and/or Other Citations	Location of Standard in Grantee IRWM Plan	Brief Evaluation Narrative	y/n
Explain how IRWM regional boundary was determined and why region is an appropriate area for IRWM planning.	y/n/q	y	19/40	--	3.23	The IRWM boundary is the same as the County boundary - It includes the Fresno River watershed, a portion of the Merced River watershed, and a portion of the Chowchilla River watershed. All of the foothill and mountain area that drains to the Valley portion of Madera County is included within the RWMG boundary.	y
Describe neighboring and/or overlapping IRWM efforts	y/n	y	19/40	--	3.24, 15.7		y
Explain how opportunities are maximized (e.g. people at the table, natural features, infrastructure) for integration of water management activities	y/n	y	38	--	3.26		y

* Requirement must be addressed.

IRWM Plan Standard: Objectives					Overall Standard Sufficient	Yes	
Requirement	Included		Plan Standard Source		Evidence of Sufficiency	Sufficient	
From IRWM Guidelines	y/n - Present/Not Present in the IRWMP. If y/n/q qualitative evaluation needed.		2012 IRWM Grant Program Guidelines Source Page(s)	Legislative Support and/or Other Citations	Location of Standard in Grantee IRWM Plan	Brief Qualitative Narrative	y/n
Through the objectives or other areas of the plan, the 7 items on pg 41 of GL are addressed.*	y/n	y	20/40 - 41	§10540.(c)	3.4, 4.5, 5.2, 6.2, 6.7		y
Describe the collaborative process and tools used to establish objectives: - How the objectives were developed - What information was considered (i.e., water management or local land use plans, etc.) - What groups were involved in the process - How the final decision was made and accepted by the IRWM effort	y/n	y	20/41	--	5.3		y
Identify quantitative or qualitative metrics and measurable objectives: Objectives must be measurable - there must be some metric the IRWM region can use to determine if the objective is being met as the IRWM Plan is implemented. Neither quantitative nor qualitative metrics are considered inherently better. *	y/n/q	y	20/41 - 42	10541.(e)	Table 5.2	Table 5.2 summarizes how objectives are suggested to be measured. Actual monitoring metrics will need to be determined for specific projects when they are implemented. The monitoring activities will be summarized and put into RWMG annual reports and progress reports and will be relayed to RWMG members.	y
Explain how objectives are prioritized or reason why the objectives are not prioritized	y/n/q	y	20/42-43	--	5.5, Table 5.3, Appendix E	Regional objectives under each goal were ranked according to a survey of local stakeholders. The regional goals, however, were not ranked and are considered co-equal by the RWMG. The highest priority objectives related to groundwater recharge, water reliability, and stakeholder education.	y
Reference specific overall goals for the region: RWMGs may choose to use goals as an additional layer for organizing and prioritizing objectives, or they may choose to not use the term at all.	y/n	y	43	--	5.2		y

* Requirement must be addressed.

IRWM Plan Standard: Resource Management Strategies (RMS)					Overall Standard Sufficient	Yes	
Requirement	Included		Plan Standard Source		Evidence of Sufficiency	Sufficient	
From IRWM Guidelines	y/n - Present/Not Present in the IRWMP. If y/n/q qualitative evaluation needed.		2012 IRWM Grant Program Guidelines Source Page(s)	Legislative Support and/or Other Citations	Location of Standard in Grantee IRWM Plan	Brief Evaluation Narrative	y/n
Identify RMS incorporated in the IRWM Plan: Consider all California Water Plan (CWP) RMS criteria (29) listed in Table 3 from the CWP Update 2009 *	y/n	y	20/43	CWP Update 2009 Volume II; 10541(e)(1)	Table 6.1		y
Consideration of climate change effects on the IRWM region must be factored into RMS	y/n	y	20/43	--	Chapter 6		y
Address which RMS will be implemented in achieving IRWM Plan Objectives	y/n	n	44	--		No information was found as to which RMS will be implemented in achieving IRWM Plan Objectives.	n

* Requirement must be addressed.

IRWM Plan Standard: Integration					Overall Standard Sufficient	Yes	
Requirement	Included		Plan Standard Source		Evidence of Sufficiency	Sufficient	
From IRWM Guidelines	y/n - Present/Not Present in the IRWMP. If y/n/q qualitative evaluation needed.		2012 IRWM Grant Program Guidelines Source Page(s)	Legislative Support and/or Other Citations	Location of Standard in Grantee IRWM Plan	Brief Evaluation Narrative	y/n
Contains structure and processes for developing and fostering integration ¹ : <ul style="list-style-type: none"> - Stakeholder/institutional - Resource - Project implementation 	y/n/q	y	20/44 - 45	§10540.(g); §10541.(h)(2)	15.3-15.5	The Madera RWMG works through an MOU to form, coordinate, and integrate separate efforts occurring in the Region in order to function as a unified effort. Their foundation for coordination and integration within the Region includes five components: Data Management, Neighboring IRWMPs, Stakeholders, Natural and Constructed Resources, and Project Selection and Implementation (the central component). These five components illustrate that the Region has a structure and process for developing and fostering integration at the stakeholder level, resource level, and project implementation level.	y

1. If not included as an individual section use Governance, Project Review Process, and Data Management Standards per November 2012 Guidelines, p. 44.

IRWM Plan Standard: Project Review Process					Overall Standard Sufficient	Yes		
Requirement	Included		Plan Standard Source		Evidence of Sufficiency			
From IRWM Guidelines	y/n - Present/Not Present in the IRWMP. If y/n/q qualitative evaluation needed.		2012 IRWM Grant Program Guidelines Source Page(s)	Regulatory and/or Other Citations	Location of Standard in Grantee IRWM Plan	Brief Evaluation Narrative	Sufficient	
							y/n	
Process for projects included in IRWM plan must address 3 components: - procedures for submitting projects - procedures for reviewing projects - procedures for communicating lists of selected projects	y/n	y	20/45	§75028.(a)	7.1		y	
Does the project review process in the plan incorporate the following factors:								
How a project contributes to plan objectives	y/n	y	20		Appendix G	Project Description Form/pre-application.		y
How a project is related to Resource Management Strategies identified in the plan.	y/n	y	20		Appendix G	Project Description Form.		y
The technical feasibility of a project.	y/n	y	20		Page 7-6			y
A projects specific benefits to a DAC water issue.	y/n	y	20		Appendix G	Project Description Form/pre-application.		y
Environmental Justice considerations.	y/n	y	20		Section 7.2			y
Project costs and financing	y/n	y	20		Appendix G	Project Description Form/pre-application.		y
Address economic feasibility	y/n	y	21		Section 7.2			y
Project status	y/n	y	21		Appendix G	Project Description Form/pre-application.		y
Strategic implementation of plan and project merit	y/n	y	21/48		Appendix G	Project Description Form/pre-application.		y
Project's contribution to climate change adaptation	y/n	y	21		Appendix G	Project Description Form/pre-application.		y
Contribution of project in reducing GHGs compared to project alternatives	y/n	y	21		Appendix G	Project Description Form/pre-application.		y
Status of the Project Proponent's IRWM plan adoption	y/n	n	21		Section 7.2			n
Project's contribution to reducing dependence on Delta supply (for IRWM regions receiving water from the Delta).	y/n	y	21			Not applicable.		y

IRWM Plan Standard: Impact and Benefit					Overall Standard Sufficient	Yes	
Requirement	Included		Plan Standard Source		Evidence of Sufficiency	Sufficient	
From IRWM Guidelines	y/n - Present/Not Present in the IRWMP. If y/n/q qualitative evaluation needed.		2012 IRWM Grant Program Guidelines Source Page(s)	Legislative Support and/or Other Citations	Location of Standard in Grantee IRWM Plan	Brief Evaluation Narrative	y/n
Discuss potential impacts and benefits of plan implementation within IRWM region, between regions, with DAC/EJ concerns and Native American Tribal communities	y/n	y	21	--	8.2, 8.4		y
State when a more detailed project-specific impact and benefit analysis will occur (prior to any implementation activity)	y/n	y	49	--	8.5	The section implies that CEQA and possibly NEPA analyses will be conducted prior to implementation of projects in the IRWMP but does not indicate when a more detailed benefit analysis will occur.	n
Review and update the impacts and benefits section of the plan as part of the normal plan management activities	y/n	y	50	--	8.6		y

IRWM Plan Standard: Plan Performance and Monitoring					Overall Standard Sufficient	Yes	
Requirement	Included		Plan Standard Source		Evidence of Sufficiency	Sufficient	
From IRWM Guidelines	y/n - Present/Not Present in the IRWMP. If y/n/q qualitative evaluation needed.		2012 IRWM Grant Program Guidelines Source Page(s)	Legislative Support and/or Other Citations	Location of Standard in Grantee IRWM Plan	Brief Evaluation Narrative	y/n
Contain performance measures and monitoring methods to ensure that IRWM objectives are met *	y/n	y	21/53	PRC §75026.(a)	Table 5.2		y
Contain a methodology that the RWMG will use to oversee and evaluate implementation of projects.	y/n	y	21/53		9.3, 9.4		y

* Requirement must be addressed.

IRWM Plan Standard: Data Management					Overall Standard Sufficient	Yes	
Requirement	Included		Plan Standard Source		Evidence of Sufficiency	Sufficient	
From IRWM Guidelines	y/n - Present/Not Present in the IRWMP. If y/n/q qualitative evaluation needed.		2012 IRWM Grant Program Guidelines Source Page(s)	Regulatory and/or Other Citations	Location of Standard in Grantee IRWM Plan	Brief Evaluation Narrative	y/n
Describe data needs within the IRWM region	y/n	y	54	--	10.2		y
Describe typical data collection techniques	y/n	y	54	--	10.3	Data collection techniques are not discussed, only that data collected for the RWMG needs to be compatible with existing databases.	n
Describe stakeholder contributions of data to a data management system	y/n	y	54	--	10.4		y
Describe the entity responsible for maintaining data in the data management system	y/n	y	54	--	10.5		y
Describe the QA/QC measures for data	y/n	y	54	--	10.7		y
Explain how data collected will be transferred or shared between members of the RWMG and other interested parties throughout the IRWM region, including local, State, and federal agencies *	y/n	y	54	--	10.8		y
Explain how the Data Management System supports the RWMG's efforts to share collected data	y/n	y	54	--	10.8		y
Outline how data saved in the data management system will be distributed and remain compatible with State databases including CEDEN, Water Data Library (WDL), CASGEM, California Environmental Information Catalog (CEIC), and the California Environmental Resources Evaluation System (CERES).	y/n	y	54	--	10.8		y

* Requirement must be addressed.

IRWM Plan Standard: Finance				Overall Standard Sufficient		Yes	
Requirement	Included		Plan Standard Source	Evidence of Sufficiency		Sufficient	
From IRWM Guidelines	y/n - Present/Not Present in the IRWMP. If y/n/q qualitative evaluation needed.		2012 IRWM Grant Program Guidelines Source Page(s)	Legislative Support and/or Other Citations	Location of Standard in Grantee IRWM Plan	Brief Evaluation Narrative	y/n
Include a programmatic level (i.e. general) plan for implementation and financing of identified projects and programs* including the following:	y/n	y	21	§10541.(e)(8)	11.3		y
List known, as well as, possible funding sources, programs, and grant opportunities for the development and ongoing funding of the IRWM Plan.	y/n	y	21		11.1, 11.2, Appendix H		y
List the funding mechanisms, including water enterprise funds, rate structures, and private financing options, for projects that implement the IRWM Plan.	y/n	y	21		11.1		y
An explanation of the certainty and longevity of known or potential funding for the IRWM Plan and projects that implement the Plan.	y/n	y	21		11.2		y
An explanation of how operation and maintenance (O&M) costs for projects that implement the IRWM Plan would be covered and the certainty of operation and maintenance funding.	y/n	y	21		11.2		y

* Requirement must be addressed.

IRWM Plan Standard: Technical Analysis					Overall Standard Sufficient	Yes	
Requirement	Included		Plan Standard Source		Evidence of Sufficiency	Sufficient	
From IRWM Guidelines	y/n - Present/Not Present in the IRWMP. If y/n/q qualitative evaluation needed.		2012 IRWM Grant Program Guidelines Source Page(s)	Legislative Support and/or Other Citations	Location of Standard in Grantee IRWM Plan	Brief Evaluation Narrative	y/n
Document the data and technical analyses that were used in the development of the plan *	y/n	y	22	--	Chapter 12		y

* Requirement must be addressed.

IRWM Plan Standard: Relation to Local Water Planning					Overall Standard Sufficient	Yes	
Requirement	Included		Plan Standard Source		Evidence of Sufficiency	Sufficient	
From IRWM Guidelines	y/n - Present/Not Present in the IRWMP. If y/n/q qualitative evaluation needed.		2012 IRWM Grant Program Guidelines Source Page(s)	Legislative Support and/or Other Citations	Location of Standard in Grantee IRWM Plan	Brief Evaluation Narrative	y/n
Identify a list of local water plans used in the IRWM plan	y/n	y	22	§10540.(b)	Tables 13.2-13.6		y
Discuss how the plan relates to these other planning documents and programs	y/n	y	22		13.3		y
Describe the dynamics between the IRWM plan and other planning documents	y/n	y	22		13.3		y
Describe how the RWMG will coordinate its water mgmt planning activities	y/n	y	58		13.3		y

IRWM Plan Standard: Relation to Local Land Use Planning					Overall Standard Sufficient	Yes	
Requirement	Included		Plan Standard Source		Evidence of Sufficiency	Sufficient	
From IRWM Guidelines	y/n - Present/Not Present in the IRWMP. If y/n/q qualitative evaluation needed.		2012 IRWM Grant Program Guidelines Source Page(s)	Legislative Support and/or Other Citations	Location of Standard in Grantee IRWM Plan	Brief Evaluation Narrative	y/n
Document current relationship between local land use planning, regional water issues, and water management objectives	y/n	y	22/59 - 62	--	13.4		y
Document future plans to further a collaborative, proactive relationship between land use planners and water managers	y/n	y	22/59 - 62	--	13.5		y

IRWM Plan Standard: Stakeholder Involvement					Overall Standard Sufficient	Yes	
Requirement	Included		Plan Standard Source		Evidence of Sufficiency	Sufficient	
From IRWM Guidelines	y/n - Present/Not Present in the IRWMP. If y/n/q qualitative evaluation needed.		2012 IRWM Grant Program Guidelines Source Page(s)	Legislative Support and/or Other Citations	Location of Standard in Grantee IRWM Plan	Brief Evaluation Narrative	y/n
Contain a public process that provides outreach and opportunity to participate in the IRWM plan *	y/n	y	22/63	§10541.(g)	14.1		y
Identify process to involve and facilitate stakeholders during development and implementation of plan regardless of ability to pay; include barriers to involvement *	y/n	y	64	§10541.(h) (2)	14.3, 14.4		y
Discuss involvement of DACs and tribal communities in the IRWM planning effort	y/n	y	23	--	14.5, 14.6		y
Describe decision-making process and roles that stakeholders can occupy	y/n	y	23	--	2.6, 2.7, 14.7		y
Discuss how stakeholders are necessary to address objectives and RMS	y/n	y	23	--	14.2	The section states that stakeholders are necessary to implement the IRWMP and resource management strategies, but does not state how they are necessary.	n
Discuss how a collaborative process will engage a balance in interest groups	y/n	y	23	--	2.7, 14.4		y

* Requirement must be addressed.

IRWM Plan Standard: Coordination					Overall Standard Sufficient	Yes	
Requirement	Included		Plan Standard Source		Evidence of Sufficiency	Sufficient	
From IRWM Guidelines	y/n - Present/Not Present in the IRWMP. If y/n/q qualitative evaluation needed.		2012 IRWM Grant Program Guidelines Source Page(s)	Legislative Support and/or Other Citations	Location of Standard in Grantee IRWM Plan	Brief Evaluation Narrative	y/n
Identify the process to coordinate water management projects and activities of participating local agencies and stakeholders to avoid conflicts and take advantage of efficiencies *	y/n	y	23/65	§10541.(e)(13)	15.3-15.6		y
Identify neighboring IRWM efforts and ways to cooperate or coordinate, and a discussion of any ongoing water management conflicts with adjacent IRWM efforts	y/n	y	23/65	--	15.7		y
Identify areas where a state agency or other agencies may be able to assist in communication or cooperation, or implementation of IRWM Plan components, processes, and projects, or where State or federal regulatory decisions are required before implementing the projects.	y/n	y	23	--	15.9		y

* Requirement must be addressed.

IRWM Plan Standard: Climate Change					Overall Standard Sufficient	Yes	
Requirement	Included		Plan Standard Source		Evidence of Sufficiency	Sufficient	
From IRWM Guidelines	y/n - Present/Not Present in the IRWMP. If y/n/q qualitative evaluation needed.		2012 IRWM Grant Program Guidelines Source Page(s)	Legislative Support and/or Other Citations	Location of Standard in Grantee IRWM Plan	Brief Evaluation Narrative	y/n
Evaluate IRWM region's vulnerabilities to climate change and potential adaptation responses based on vulnerabilities assessment in the DWR Climate Change Handbook for Regional Water Planning *	y/n	y	23/66 - 73	Climate Change Handbook vulnerability assessment: http://www.water.ca.gov/climatechange/CCHandbook.cfm ; November 2012 Guidelines Legislative and Policy Context, p. 66 §10541.(e)(11)	16.4, 16.6		y
Provide a process that considers GHG emissions when choosing between project alternatives *	y/n	y	23/68		16.8, Appendix G		y
Include a list of prioritized vulnerabilities based on the vulnerability assessment and the IRWM's decision making process.	y/n	y	23/66 - 73		16.4		y
Contain a plan, program, or methodology for further data gathering and analysis of prioritized vulnerabilities	y/n	y	23/66 - 73		16.4, 16.7		y
Include climate change as part of the project review process	y/n	y	23/68		Chapter 7, Appendix G		y

* Requirement must be addressed.

Regulatory Citation	Link	Notes
IRWM Prop 84 and 1E Guidelines	http://www.water.ca.gov/irwm/grants/docs/Guidelines/GL_2012_FINAL.pdf	DWR November 2012 Guidelines - Final
CWC §10539	http://www.leginfo.ca.gov/cgi-bin/displaycode?section=wat&group=10001-11000&file=10532-10539	
CWC §10540, §10541	http://www.leginfo.ca.gov/cgi-bin/displaycode?section=wat&group=10001-11000&file=10540-10543	
CWC §10543	http://www.leginfo.ca.gov/cgi-bin/displaycode?section=wat&group=10001-11000&file=10540-10543	
PRC §75026, §75028, CWP Update 2009, and California Watershed Portal	http://www.leginfo.ca.gov/cgi-bin/displaycode?section=prc&group=75001-76000&file=75020-75029.5	The Department of Water Resources shall give preference to proposals that satisfy the criteria specified in PRC §75026.(b)(1). §75028.(a) - the department shall defer to approved local project selection, and review projects only for consistency with the purposes of Section 75026.
	http://www.waterplan.water.ca.gov/cwpu2009/index.cfm	2009 California Water Plan Volumes I and II
	http://www.conservation.ca.gov/dlrp/watershedportal/Pages/Index.aspx	California Watershed Portal
§10541. (e)(3)	http://www.leginfo.ca.gov/cgi-bin/displaycode?section=wat&group=10001-11000&file=10540-10543	