

DEPARTMENT OF WATER RESOURCES

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August 15, 2014

Ms. Lindsay Mattos
Tuolumne-Stanislaus IRWM Region
Post Office Box 4394
Sonora, California 95370

Tuolumne-Stanislaus Integrated Regional Water Management Plan Draft Review

Dear Ms. Mattos:

Attached please find the Department of Water Resources (DWR) draft review of the Tuolumne-Stanislaus Integrated Regional Water Management Plan (IRWM) Plan. Based on our review, the Tuolumne-Stanislaus IRWM Plan is not consistent with the IRWM Planning Act and the related IRWM Plan Standards contained in the 2012 IRWM Grant Program Guidelines because of issues related to the Governance and Data Management standards.

DWR encourages you to contact the person below to discuss the draft review and possible follow-up. It is incumbent on the Regional Water Management Group to respond in a timely manner as the Plan Review Process does not exempt the IRWM region from compliance with external deadlines and requirements, such as application due dates or provisions of existing grant agreements.

Pursuant to Appendix H of the Guidelines, the public comment period for this review will begin on August 15, 2014. The draft review will be available for public comments for 30 calendar days on the following website: <http://www.water.ca.gov/irwm/grants/prp.cfm>.

If you have any questions, please contact Craig Cross at (916) 651-9204 or Craig.Cross@water.ca.gov.

Sincerely,

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

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

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 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: Tuolumne-Stanislaus
 Regional Water Management Group: Tuolumne-Stanislaus RWMG
 IRWM Plan Title: Tuolumne-Stanislaus IRWMP

ONE OR MORE PLAN STANDARDS NOT SUFFICIENT

IRWM Plan Standard	Overall Standard Sufficient	Requirement(s) Insufficient
Governance	No	See Governance Standard
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	No	See Data Management Standard
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 the following standards are considered consistent with 2012 Plan standards, DWR recommends that the following be addressed in future IRWM Plan updates: **Resource Management Strategies:** While the RMS listed are related to adapting to climate change, it is not clear that climate change effects were factored into selected RMS. **Project Review Process:** (1) Project review process does not consider the factor of project economic feasibility. (2) Project review process does not consider strategic implementation of plan and project merit. **Impact and Benefit:** The plan does not state clearly when the impact and benefit section will be updated as part of the normal planning activities. **Local Water Planning:** The dynamics between the IRWM plan and other planning documents are not clearly described. **Stakeholder Involvement:** The plan does not describe the roles that stakeholders can occupy within the decision making process.

IRWM Plan Standard: Governance					Overall Standard Sufficient	No
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	N	18/35	Sec. 1.3, 9.1, 9.2	The plan needs to clarify if the RWMG or the Planning Grant Committee (PGC) is responsible for plan implementation. The RWMG members all sit on the PGC, and the PGC works under an MOU, which includes all the decision making authority. However, it's not clear who has the responsibility. In addition, this current governance structure is only in place to complete the plan and will not be in place during implementation as the plan states the governance structure will change.	N
A description of the IRWM governance structure	y/n	N	19/36	Sec. 1.3, 9.2.1, 9.2.2, & Appendix A	The plan needs to clarify the overall governance structure. Currently using the RWMG/PGC via an MOU to prepare the plan only, then during plan implementation (after the plan is adopted) Section 9.2 recommends the governance structure could possibly change to a JPA (for the RWMG), with an advisory committee operating under a possible MOU or MOA. Therefore, the implementation governance structure is unknown since it's not currently in place.	N
A description of how the chosen form of governance addresses and ensures:						
Public outreach and involvement processes	y/n/q	y	19/36-37	Sec. 1.4	Stakeholder meetings were held every 1 to 2 months. Efforts were made to facilitate participation of a diverse group of stakeholders and no attempt was made to restrict participation. Outreach approaches included an online website, and invitation to the meetings by e-mail. Meeting materials and agendas are posted on the TUD website's IRWM page and in its office after each stakeholder meeting; and meeting materials are sent out via e-mail to the contact list.	y
Effective decision making	y/n/q	y	19/37	Sec. 1.3 & Appendix A	The chosen form of governance attempts to reach consensus, but uses a majority voting process (70% is the definition of a majority) if consensus cannot be reached.	y
Balanced access and opportunity for participation in the IRWM process	y/n/q	y	19/37	Sec. 1.4 & 10.1	Efforts were made to facilitate participation of a diverse group of stakeholders. Outreach approaches include an online website and invitation to the meetings by email. Membership in the stakeholder group was broad including representation from agencies, organizations, and individuals that represent the entire region	y
Effective communication – both internal and external to the IRWM region	y/n/q	y	19/37-38	Sec. 1.4 & 10.3	These sections describe the communication used, both internally and externally, in the IRWM process.	y
Long term implementation of the IRWM Plan	y/n/q	N	19/38	§10540, §10541	Governance structure for long term implementation of the plan has not been established yet.	N
Coordination with neighboring IRWM efforts and State and federal agencies	y/n/q	y	19/38	Sec. 10.2 & 10.3	The region is actively coordinating with surrounding IRWM regions and state and federal agencies.	y
The collaborative process(es) used to establish plan objectives	y/n/q	y	19/38	Sec. 5.3	The Plan Objectives and measurable planning targets were developed using an iterative and collaborative approach that included three phases of identifying needs and challenges, drafting Plan Objectives that address the needs and challenges, and proposing measurable methods that will demonstrate progress towards achieving Plan Objectives.	y
How interim changes and formal changes to the IRWM Plan will be performed	y/n/q	N	19/38	Sec. 9.6	Section 9.6 describes typical types of changes to the plan that will be considered formal and informal, and the process for making the changes. However, the plan acknowledges this will be under the new implementation governance structure which is not yet in place or active, therefore this process could change. See comments above regarding governance structure.	N
Updating or amending the IRWM Plan	y/n/q	N	19/38	Sec. 9.6	Section 9.6 describes typical types of changes to the plan that will be considered formal and informal, and the process for making the changes. However, the plan acknowledges this will be under the new implementation governance structure which is not yet in place or active, therefore this process could change. See comments above regarding governance structure.	N
Publish NOI to prepare/update the plan; adopt the plan in a public meeting	y/n/q	y	35	CWC §10543 Appendix B.2 (p. 427)	NOI to prepare plan is on page 428 and NOI to adopt the plan is on page 432	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	--			N/A
Describe watersheds and water systems	y/n	y	19/39	PRC §75026.(b)(1) and CWP Update 2009	Sec. 2.2, 2.7, 2.8, 2.9, 2.10		y
Describe internal boundaries	y/n	y	19/39	--	Sec. 2.6		y
Describe water supplies and demands for minimum 20 year planning horizon	y/n	y	19/39	--	Sec. 2.9, Table 2-14, 2-16		y
Describe water quality conditions	y/n	n	19/40	--	Sec. 2.11		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	--	Sec. 2.3	This section does a good job of discussing the socioeconomic conditions, the disadvantaged communities, and native American tribes in the region along with their water challenges	y
Describe major water related objectives and conflicts *	y/n/q	y	19/40	§10541.(e)(3)	Chapter 4	The introduction to chapter 4 lists the key issues for the region identified by the region's stakeholders. The rest of the chapter describes major water related conflicts and some potential solutions to achieve the listed objectives (i.e. water reuse, renewable energy)	y
Explain how IRWM regional boundary was determined and why region is an appropriate area for IRWM planning.	y/n/q	y	19/40	--	Sec. 1.2.3	Defined mostly by the Upper Tuolumne and Upper Stanislaus rivers watersheds, but also defined by political jurisdictions, water/wastewater agency service areas, physical characteristics of the landscape, streams and watersheds, water-related man-made infrastructure, agency service areas, and major governmental land ownership.	y
Describe neighboring and/or overlapping IRWM efforts	y/n	y	19/40	--	Sec. 1.4.4		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	--	Sec. 1.4 & Chapter 10		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)	Sec. 5.4		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	--	Chapter 5 Intro, 5.1, 5.2, 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)	Sec. 5.4	This section presents a discussion of each objective followed by a "Measurable Planning Target" which includes quantitative and qualitative metrics where applicable.	y
Explain how objectives are prioritized or reason why the objectives are not prioritized	y/n/q	y	20/42-43	--	Sec. 5.5, Table 5-1	Table 5-1 provides a list of objectives and their respective medium or high priority. Prioritization was assigned based on consultation with stakeholders. Objectives with low priority were dismissed because they would be relatively useless and would garner minimal attention in the IRWM Region.	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	--			N/A

* 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)	Sec. 6.2, 6.3		y
Consideration of climate change effects on the IRWM region must be factored into RMS	y/n	N	20/43	--		While the RMS listed are related to adapting to climate change, it is not clear that climate change effects were factored into selected RMS.	N
Address which RMS will be implemented in achieving IRWM Plan Objectives	y/n	y	44	--	Sec. 6.3		y

* Requirement must be addressed.

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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)	Sec. 1.4, 7.1, & Chapter 10	Section 1.4 describes stakeholder integration, Section 7.1 describes project integration, and Chapter 10 describes resource integration.	y

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

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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)	Sec. 7.1, 7.2, 7.3, Appendix E		y	
Does the project review process in the plan incorporate the following factors:								
How a project contributes to plan objectives	y/n	y	20		Table 7-1		y	
How a project is related to Resource Management Strategies identified in the plan.	y/n	y	20		Table 7-1		y	
The technical feasibility of a project.	y/n	y	20		Table 7-1		y	
A projects specific benefits to a DAC water issue.	y/n	y	20		Table 7-1		y	
Environmental Justice considerations.	y/n	y	20		Appendix E		y	
Project costs and financing	y/n	y	20		Table 7-2 & Appendix E		y	
Address economic feasibility	y/n	N	21			Project review process does not consider the factor of project economic feasibility.	N	
Project status	y/n	y	21		Table 7-1		y	
Strategic implementation of plan and project merit	y/n	N	21/48			Project review process does not consider strategic implementation of plan and project merit.	N	
Project's contribution to climate change adaptation	y/n	y	21		Appendix E		y	
Contribution of project in reducing GHGs compared to project alternatives	y/n	y	21		Appendix E		y	
Status of the Project Proponent's IRWM plan adoption	y/n	y	21		Table 7-1		y	
Project's contribution to reducing dependence on Delta supply (for IRWM regions receiving water from the Delta).	y/n	y	21				N/A	

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	--	Sec. 8.1, 8.2		y
State when a more detailed project-specific impact and benefit analysis will occur (prior to any implementation activity)	y/n	y	49	--	Chapter 8 Intro		y
Review and update the impacts and benefits section of the plan as part of the normal plan management activities	y/n	N	50	--		The plan does not state clearly when the impact and benefit section will be updated as part of the normal planning activities.	N

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)	Sec. 9.4		y
Contain a methodology that the RWMG will use to oversee and evaluate implementation of projects.	y/n	y	21/53		Sec. 9.4		y

* Requirement must be addressed.

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IRWM Plan Standard: Data Management					Overall Standard Sufficient	No	
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	N	54	--		Data needs are not clearly described.	N
Describe typical data collection techniques	y/n	N	54	--		Data collection techniques are not clearly described.	N
Describe stakeholder contributions of data to a data management system	y/n	N	54	--		Stakeholder contributions of data to the data management system are not clearly described.	N
Describe the entity responsible for maintaining data in the data management system	y/n	N	54	--		Responsibility for maintaining data in the data management system is not clearly described.	N
Describe the QA/QC measures for data	y/n	N	54	--		There's no description for the QA/QC measures that will be used on the data collected.	N
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	N	54	--		It's not clear if the region has established a DMS yet, or will use an existing system. Also, there is no description regarding how data can be shared within the region, except to briefly mention data submitted into state databases could be accessed by stakeholders.	N
Explain how the Data Management System supports the RWMG's efforts to share collected data	y/n	N	54	--		It's not clear if the region has established a DMS yet, or will use an existing system. Also, there's no description regarding how data is shared currently and how it helps support the IRWM plan.	N
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	--	Sec. 9.4.2		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)	Sec. 9.3		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		Sec. 9.3, Table 9-2		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		Sec. 9.3.2		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		Sec. 9.3 & Table 9-2		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		Sec. 9.3.2 & Table 9-2		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	--	Appendix C		y

* Requirement must be addressed.

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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)	Appendix C (Table C-2)		y
Discuss how the plan relates to these other planning documents and programs	y/n	y	22		Appendix C.2, & Sec. 3.1.2 (p. 110)		y
Describe the dynamics between the IRWM plan and other planning documents	y/n	y	22		Appendix C.2, & Sec. 3.1 (p. 111)	The dynamics between the IRWM plan and other planning documents are not clearly described.	n
Describe how the RWMG will coordinate its water mgmt planning activities	y/n	y	58		Sec. 3.1.2		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	--	Sec. 3.2		y
Document future plans to further a collaborative, proactive relationship between land use planners and water managers	y/n	y	22/59 - 62	--	Sec. 3.2.3		y

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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)	Sec. 1.4, 10.1, & Appendix B		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)	Sec. 1.4, 10.1, & Appendix B		y
Discuss involvement of DACs and tribal communities in the IRWM planning effort	y/n	y	23	--	Sec. 1.4.3		y
Describe decision-making process and roles that stakeholders can occupy	y/n	N	23	--		The plan does not describe the roles that stakeholders can occupy within the decision making process.	N
Discuss how stakeholders are necessary to address objectives and RMS	y/n	Y	23	--	Sec. 1.4, 5.1, 5.3	The plan does address how stakeholders are necessary to address objectives, However, the plan would benefit from a stronger discussion of how stakeholders are necessary to address RMS.	y
Discuss how a collaborative process will engage a balance in interest groups	y/n	y	23	--	Sec. 1.4		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)	Sec. 1.4, 10.1, 10.2		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	--	Sec. 1.4.4, 10.3		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	--	Sec. 1.4.2, 10.2		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)	Sec. 4.7.2, 5.6.2, & Appendix D		y
Provide a process that considers GHG emissions when choosing between project alternatives *	y/n	y	23/68		Sec. 5.6.2, Table 5-3		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		Sec. 5.6.1 & Table 5-2		y
Contain a plan, program, or methodology for further data gathering and analysis of prioritized vulnerabilities	y/n	y	23/66 - 73		Sec. 5.6.2		y
Include climate change as part of the project review process	y/n	y	23/68		Appendix E		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	