

DEPARTMENT OF WATER RESOURCES

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February 10, 2015

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

Subject: Southern Sierra IRWM Plan Final Review

Dear Mr. Kubit:

This letter transmits the Department of Water Resources (DWR) final review of the Southern Sierra Integrated Regional Water Management (IRWM) Plan. The public comment period on DWR's review of the Southern Sierra 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 cursive script, appearing to read "Tracie L. Billington".

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

cc: Mr. Chris Moi
Sequoia Riverlands Trust

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: Southern Sierra

Regional Water Management Group: Southern Sierra Regional Water Management Group

IRWM Plan Title: Final Southern Sierra Integrated Regional Water Management Plan

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:
 Data Management: There is no description of data collection techniques; there is a generalized QA/QC process overview but no QA/QC measures are described within this generalized context.

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	Ch. 2.1 p. 29		y
A description of the IRWM governance structure	y/n	y	19/36		Ch. 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	Ch. 2.5 p. 35	The public outreach process incorporates nine primary outreach methods. All meetings open to public; all materials posted to website; extensive outreach contact list. RWMG Communication and Outreach Plan also in Appendix N.	y
Effective decision making	y/n/q	y	19/37		Ch. 2.6 p. 36	Members of the RWMG serve as the decision-making body. The Coordinating Committee and various Workgroups give input and recommendations to the RWMG, but have no decision-making authority. The MOU also includes a traditional voting process to address issues that do not have full consensus. Issues related to decision-making can be brought to the RWMG by any member or by the RWMG staff.	y
Balanced access and opportunity for participation in the IRWM process	y/n/q	y	19/37		Ch. 2.7 p. 37	The governance structure provides equal opportunities for participation and helps ensure a balanced group of members through the RWMG, Coordinating Committee, and General Public.	y
Effective communication – both internal and external to the IRWM region	y/n/q	y	19/37-38		Ch. 2.8 p. 38	Communication between members, stakeholders, and RWMG staff is encouraged during meetings as well as through any direct follow-up via email, phone, or in-person meetings. Any agency, organization, company, or individual may attend RWMG meetings or directly contact the Project Manager or Stakeholder Coordinator. The RWMG communicates with external groups including other RWMGs, the media, and the general public.	y
Long term implementation of the IRWM Plan	y/n/q	y	19/38		Ch. 2.9 p. 39	The planning and implementation horizon for the RWMG extends thirty years, to approximately 2043-2045. However, many Southern Sierra discussions and actions will be guided by a longer horizon of up to fifty years into the future.	y
Coordination with neighboring IRWM efforts and State and federal agencies	y/n/q	y	19/38		Ch. 2.10, 2.11 p. 39	The RWMG takes several active steps to coordinate with neighboring IRWMPs, including: Participation in IRWMP 'Round Table of Regions' meetings; regularly attend monthly meetings for the Tulare Basin Integrated Regional Planning Effort; attend yearly conferences for the Sierra Water Workgroup; and coordinate activities on a project-by-project basis if projects, plans or studies are determined to be of specific interest to surrounding IRWM regions.	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
The collaborative process(es) used to establish plan objectives	y/n/q	y	19/38		Ch. 2.12 p. 41	The IRWMP goals and objectives were established through a collaborative process including numerous public meetings and workshops, and recommendations from the Coordinating Committee, Regional Water Management Group, interested stakeholders, consultants, general public and DWR.	y
How interim changes and formal changes to the IRWM Plan will be performed	y/n/q	y	19/38		Ch. 2.13 p. 41	Formal updates will follow the same process used to develop this plan, including use of a Coordinating Committee to review and recommend changes, and a RWMG to formally adopt the updated IRWMP. Interim and informal updates will be made as needed, when important information needs to be documented. Interim and informal updates will generally be made when DWR is not requiring an update or has not released new IRWMP standards.	y
Updating or amending the IRWM Plan	y/n/q	y	19/38		Ch. 2.13 p. 41	See directly above.	y
Publish NOI to prepare/update the plan; adopt the plan in a public meeting	y/n/q	y	35	CWC §10543	Ch. 2.14 p. 42	The IRWMP was updated and adopted through a formal public noticing process according to California Government Code §6066. This included a Notification of Intention to Prepare an IRWMP in July 2013, and an Intent to Adopt the IRWMP in September 2014. This procedure is documented in more detail in Chapter 13 – Stakeholder Involvement. The IRWMP was formally adopted by the RWMG on November 13, 2014 at a public RWMG meeting. Appendix B includes a copy of the RWMG resolution adopting the IRWMP. Member agencies are required to adopt this IRWMP through separate action by their local governing bodies and provide the RWMG with proof of adoption.	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	n/a	20	--	p. 3-58		n/a
Describe watersheds and water systems	y/n	y	19/39	PRC §75026.(b)(1) and CWP Update 2009	Ch. 3.2.2 p. 46		y
Describe internal boundaries	y/n	y	19/39	--	Ch. 3.2.3 p. 50		y
Describe water supplies and demands for minimum 20 year planning horizon	y/n	y	19/39	--	Ch. 3.3.6 p. 66, Ch. 3.9 p. 98		y
Describe water quality conditions	y/n	y	19/40	--	Ch. 3.11 p. 100		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	--	Ch. 3.14 p. 110	The communities in the Southern Sierra IRWM area consist of approximately 17 small towns (population 1,500 or less), none of which are incorporated. Thirteen of these communities are considered economically disadvantaged. Tribal makeup is mentioned in general terms.	y
Describe major water related objectives and conflicts *	y/n/q	y	19/40	§10541.(e)(3)	Ch. 3.15 p. 113 - 114	Conflicts include need for tourism that results in large burden on poorly developed water supplies, infrastructure, and limited ability to treat and dispose of wastewater. Descriptions of each watershed include a list of stressors. "County general plans call for development in foothill and mountain communities; however, sustainable use rates have yet to be established for existing communities who rely almost exclusively on fractured-rock aquifers."	y
Explain how IRWM regional boundary was determined and why region is an appropriate area for IRWM planning.	y/n/q	y	19/40	--	Ch. 3.2.4 p. 50	The Region is considered appropriate as an RWMG since it has a strong hydrologic basis based largely on watershed boundaries and the Sierra Nevada crest. The RWMG held several meetings to discuss the RWMG boundary and consideration was given to a number of factors.	y
Describe neighboring and/or overlapping IRWM efforts	y/n	y	19/40	--	Ch. 3.2.5 p. 50		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	--	Ch. 3.16		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)	Ch. 4.2 and Table 4.1, p. 117 - 122, Ch. 3.11 p. 101 - 106	Ch. 4.2 and Table 4.1 mentions most of the items. DACs and tribes mentioned elsewhere.	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	--	Ch. 4.4 p. 123 - 126		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)	Ch. 4.4 p. 123 - 126, Table 4.2	The metrics will be used for documenting: successes in the RWMG annual report, progress on specific projects as required for grant funded projects, overall success of the RWMG to assist in securing additional grant funds, provide information to RWMG members for evaluating progress and priorities.	y
Explain how objectives are prioritized or reason why the objectives are not prioritized	y/n/q	y	20/42-43	--	Ch. 4.5 p126, Appendix F	Final objectives were prioritized by stakeholders, interested parties, and RWMG representatives who participated in an online ranking exercise/survey.	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	--	Ch. 4.2 p. 117, Table 4.1		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)	Chapter 5 p. 131 - 157, Table 5-1		y
Consideration of climate change effects on the IRWM region must be factored into RMS	y/n	n	20/43	--	Ch 5.1 p. 131 - 132		y
Address which RMS will be implemented in achieving IRWM Plan Objectives	y/n	Y	44	--	Ch 5.1 p. 131 - 132 , Table 5-1		Y

* 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)	Ch. 3.15 p. 113, Ch. 3.16 p. 114, Ch. 6.1 p. 160 - 161, Chapter 14	Chapter 14 describes processes for RWMG members and stakeholders to coordinate and integrate water management efforts. Integration is further described in Chapter 3 and Chapter 6.	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)	Ch. 6.1 p. 160 - 161		y	
Does the project review process in the plan incorporate the following factors:								
How a project contributes to plan objectives	y/n		20		Ch. 6.1.2 p. 161; Appendix I p. 157-160			y
How a project is related to Resource Management Strategies identified in the plan.	y/n		20		Ch. 6.1.2 p. 162; Appendix I p. 157-160			y
The technical feasibility of a project.	y/n		20		Ch. 6.1.2 p. 163; Appendix I p. 157-160			y
A projects specific benefits to a DAC water issue.	y/n		20		Ch. 6.1.2 p. 164; Appendix I p. 157-160			y
Environmental Justice considerations.	y/n		20		Ch. 6.1.2 p. 165; Appendix I p. 157-160			y
Project costs and financing	y/n		20		Ch. 6.1.2 p. 166; Appendix I p. 157-160			y
Address economic feasibility	y/n		21		Ch. 6.1.2 p. 167; Appendix I p. 157-160			y
Project status	y/n		21		Ch. 6.1.2 p. 168; Appendix I p. 157-160			y
Strategic implementation of plan and project merit	y/n		21/48		Ch. 6.1.2 p. 169; Appendix I p. 157-160			y
Project's contribution to climate change adaptation	y/n		21		Ch. 6.1.2 p. 170; Appendix I p. 157-160			y
Contribution of project in reducing GHGs compared to project alternatives	y/n		21		Ch. 6.1.2 p. 171; Appendix I p. 157-160			y
Status of the Project Proponent's IRWM plan adoption	y/n		21		Ch. 6.1.2 p. 172; Appendix I p. 157-160			y
Project's contribution to reducing dependence on Delta supply (for IRWM regions receiving water from the Delta).	y/n		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	--	Ch. 5.6 p. 143, Ch. 7 p. 176 - 179		y
State when a more detailed project-specific impact and benefit analysis will occur (prior to any implementation activity)	y/n	y	49	--	Ch. 7.5 p. 179		y
Review and update the impacts and benefits section of the plan as part of the normal plan management activities	y/n	y	50	--	Ch. 7.6 p. 179		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		21/53	PRC §75026.(a)	Ch. 8.2 p. 183		y
Contain a methodology that the RWMG will use to oversee and evaluate implementation of projects.	y/n		21/53		Ch 8.4 p. 183		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	--	Ch. 9.2 p. 187 - 188		y
Describe typical data collection techniques	y/n	y	54	--	Ch. 9.3 p. 189	There is no description of data collection techniques.	n
Describe stakeholder contributions of data to a data management system	y/n	y	54	--	Ch. 9.4 p. 189		y
Describe the entity responsible for maintaining data in the data management system	y/n	y	54	--	Ch. 9.5 p. 189		y
Describe the QA/QC measures for data	y/n	y	54	--	Ch. 9.7 p. 190	There is a generalized QA/QC process overview but measures are not described within this generalized context.	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	y	54	--	Ch. 9.8 p. 190 - 191		y
Explain how the Data Management System supports the RWMG's efforts to share collected data	y/n		54	--	Chapter 9		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		54	--	Ch. 9.8 p. 190 - 192		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)	Chapter 10		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		Ch. 10.2 p. 199, Appendix L		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		Ch. 10.1 p. 194 - 197		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		21		Appendix L		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		21		Ch. 10.2.5 p. 199 - 200		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		22	--	Ch. 11 p. 202-206		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		22	§10540.(b)	Ch. 12.2 p. 207 - 212		y
Discuss how the plan relates to these other planning documents and programs	y/n		22		Tables 12.6 and 12.7, p. 218 - 221		y
Describe the dynamics between the IRWM plan and other planning documents	y/n		22		Ch. 12.4 p. 222 - 227		y
Describe how the RWMG will coordinate its water mgmt planning activities	y/n		58		Ch. 12.5 p. 227 - 228		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		22/59 - 62	--	Ch. 12.4 p. 222		y
Document future plans to further a collaborative, proactive relationship between land use planners and water managers	y/n		22/59 - 62	--	Ch. 12.5 p. 227		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		22/63	§10541.(g)	Ch. 13.1 p. 229		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		64	§10541.(h) (2)	Ch. 13.2 p. 233, Ch. 13.3 p. 234		y
Discuss involvement of DACs and tribal communities in the IRWM planning effort	y/n		23	--	Ch. 13.5, Ch. 13.6 p. 236		y
Describe decision-making process and roles that stakeholders can occupy	y/n		23	--	Ch. 13.7 p. 236		y
Discuss how stakeholders are necessary to address objectives and RMS	y/n		23	--	Ch. 13.2 p. 233		y
Discuss how a collaborative process will engage a balance in interest groups	y/n		23	--	Ch. 13.4 p. 235		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)	Ch. 14.3 - 14.7 p. 240 - 242		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	--	Ch. 14.7 p. 242 - 245		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	--	Ch. 14.8 - 14.10 p. 245 - 246		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)	Chapter 15		y
Provide a process that considers GHG emissions when choosing between project alternatives *	y/n	y	23/68		Appendix I		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		Chapter 15		y
Contain a plan, program, or methodology for further data gathering and analysis of prioritized vulnerabilities	y/n	y	23/66 - 73		Section 15.8 p. 271 - 272		y
Include climate change as part of the project review process	y/n	y	23/68		Ch. 15.8 p. 271		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	