

DEPARTMENT OF WATER RESOURCES

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March 22, 2016

Mr. David De Groot, PE
4 Creeks, Inc.
324 S. Santa Fe, Suite A
Visalia, California 93292

Subject: Plan Review Process, Tule River Basin Integrated Regional Water Management Plan Final Review

Dear Mr. De Groot:

This letter transmits the Department of Water Resources (DWR) Final Review of the Tule River Basin IRWM Plan. The public comment period on DWR's review of the Tule River Basin IRWM Plan has closed and no public comments were received. DWR has determined that your IRWM Plan is consistent with the IRWM Plan Standards contained in the 2012 IRWM Grant Program Guidelines. However, recent legislative changes to the IRWM Planning Act (Water Code Section 10530 et seq.) are not reflected in the 2012 Standards; specifically, AB 1249 (Salas, Chapter 717, Statutes 2014) – Water Code §10541 – requires IRWM regions with nitrate, arsenic, perchlorate, or hexavalent chromium contamination to include specific information in their IRWM plan regarding the location, impacts, actions, and needed action to address the contamination.

The Final Review is posted on the following link:

<http://www.water.ca.gov/irwm/grants/prp.cfm> (see "IRWM Plan Reviews" dropdown list).

Please be aware that although the plan is consistent with the 2012 plan standards, DWR has released Draft 2016 IRWM Guidelines including plan standards, which among other items include the previously mentioned new requirements. We recommend reviewing the Draft 2016 IRWM Guidelines found here:

http://www.water.ca.gov/irwm/grants/p1_guidelines.cfm to determine which, if any, additional plan standard requirements may impact your plan. An overview list of changes in plan standards from previous versions can be found on Page 32 of the draft guidelines. Please be advised that the draft guidelines including the IRWM Plan standards are currently out for public review and are subject to change. Therefore, you are encouraged to keep current on the status of the 2016 IRWM Guidelines. If your IRWM Regional Water Management Group is considering applying for Proposition 1 Implementation Grant funding, be advised that consistency with final 2016 plan standards will be part of the eligibility requirement.

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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". The signature is written in a cursive style and is positioned above the typed name.

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

cc. David L. Hoffman
Deer Creek and Tule River Authority

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: Tule River Basin
 Regional Water Management Group: Tule River Basin IRWM Group
 IRWM Plan Title: IRWM Plan: A Collaborative Effort of Stakeholders within the Tule River Basin

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:

Region Description

No description in the IRWM plan to reduce dependence on the Delta supply regionally was found in the IRWM plan.

A 20-year analysis of the regions water supply and demand was not found in the IRWM plan.

Although there is a description of the rural and disadvantaged communities and their water supply challenges, no information was found in the IRWM plan regarding cultural makeup and there is no text regarding tribal communities water challenges.

Impact and Benefit

Impacts and benefits to tribes were not found in the IRWM plan. The only tribal reference is the Santa Rosa Tachi Tribe as a member of the IRWMP Stakeholders Advisory group on page 3-21.

Data Management

Information regarding QA/QC measures was not found in the IRWM plan.

Finance

No information on the certainty and longevity of the plan was found in the IRWM plan.

No explanation of how O&M will be covered was found in the IRWM plan (O&M is listed as an item in the minimum project monitoring element list on page 312, Chap 14, 14-26 - 14-27).

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	Page 18 Chapter 1, 1-3; Page 23 Chapter 2. 2-1; Appendix B	Y
A description of the IRWM governance structure	y/n	y	19/36		Chapter 2. 2-1 to 2-8	Y
yes						
Public outreach and involvement processes	y/n/q	y	19/36-37	§10540, §10541	Chap. 2, 2-2 to 2-3 Outreach is conducted pursuant to the provisions of the Brown Act wherein specific notice of meetings, topics to be discussed and actions proposed to be taken are contained in a published agenda and conducted in open session which is subject to public comment during a general comment period, as well as when a particular item is specifically taken up by the Board of Directors.	Y
Effective decision making	y/n/q	y	19/37		Page 24, 65 Chap. 2, 2-2 The Deer Creek and Tule River Authority (DCTRA) is a joint powers authority and the lead agency for the Tule River basin Region. Actions taken by the governing Board of the DCTRA are done in conjunction with input from the Stakeholders Advisory Group, as well as from the entities which are signator to the joint powers agreement.	Y
Balanced access and opportunity for participation in the IRWM process	y/n/q	y	19/37		Chap. 2, 2-2; Page 272-278 Chap 12 Rules and procedures have been developed for conduct of the public and input from the public and interested parties by the DCTRA. Meetings of the Board of Directors are held on a regular quarterly basis, at a minimum, in a facility which is fully compliant with the Americans with Disabilities Act standards.	Y
Effective communication – both internal and external to the IRWM region	y/n/q	y	19/37-38		Page 276, Chap 12, 12-7 The mechanism to communicate with the Stakeholders Advisory Group is by electronic outreach. A copy of the current Tule River IRWMP Stakeholders Advisory Group contact list was noted to be presented in Appendix J. At the direction of the Board of Directors of DCTRA, development of a web site for the DCTRA has been instructed to be created and maintained.	Y
Long term implementation of the IRWM Plan	y/n/q	Y	19/38		Page 303, Chap 14, 14-7 The Board of Directors of the DCTRA, as well as the Stakeholders Advisory Committee concluded that the IRWM process was, at least for the near term, going to be the vehicle of choice for creation of water management policies and procedures and for the development and vetting out of water management related projects.	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		Page 272 - 276, Chap 12, 12-1 to 12-7	Water Conservation District (KDWCD) IRWMP meetings, providing their input as to the framework of project planning and project evaluation and DAC issues. The DCTRA IRWMP is in a continuous mode of coordination with state and federal agency management and staff.	Y
The collaborative process(es) used to establish plan objectives	y/n/q	Y	19/38		Page 48, Chap 3	Plan objectives were formulated in the multiple meetings of the Tule River Basin and Kaweah River Basin IRWMP Stakeholders Advisory Group meetings. These objectives have been ratified by the Board of Directors of the DCTRA based on further recommendation of its Advisory Committee.	Y
How interim changes and formal changes to the IRWM Plan will be performed	y/n/q	Y	19/38		Page 321, Chap 15, 15-7 to 15-8; Chap 16, 16-5	As a matter of current policy, the DCTRA routinely updates its various plans in five year increments.	Y
Updating or amending the IRWM Plan	y/n/q	Y	19/38		Page 327, Chap 16, 16-4 to 16-6	Whenever the RWM Group Governing Board deems it necessary to keep the Plan current, but not less frequently than four years after the date of the adoption of the Plan and every five years thereafter.	Y
Publish NOI to prepare/update the plan; adopt the plan in a public meeting	y/n/q	Y	35	CWC §10543	Page 322, 327, Chap 16, 16-1 to 16-2	The Notice and Hearing on Intent to Prepare, and Adopt, an Integrated Water Management Plan is presented.	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	20	--		No description in the IRWM plan to reduce dependence on the Delta supply regionally was found.	n
Describe watersheds and water systems	y/n	y	19/39	PRC §75026.(b)(1) and CWP Update 2009	Page 82, Chap 4, 4-12		y
Describe internal boundaries	y/n	Y	19/39	--	Page 71, Chap. 4, 4-1 to 4-2		y
Describe water supplies and demands for minimum 20 year planning horizon	y/n	Y	19/39	--	Chapter 6, Sections 6.5 - 6.8; Page 199, Chap 9, 9-11	A 20-year analysis of the regions water supply and demand was not presented. Rather, it is stated that overdraft is a concern for the entire region--especially on the west-side. The focus is on conjunctive use and increasing recharge opportunities.	n
Describe water quality conditions	y/n	y	19/40	--	Page 158, Chap 6, 6-36; Chap 7		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	--	Page 193; 241, Chap 9., 9-53 to 9-54 ; Page 278, Chap. 12, 12-9	No information was found regarding cultural makeup and there is no text regarding tribal communities water challenges. However, there is a description of the rural and disadvantaged communities and their water supply challenges.	n
Describe major water related objectives and conflicts *	y/n/q	Y	19/40	§10541.(e)(3)	Page 211, Chap 9, 9-23, 9-26; Page 278, Chap. 12, 12-9	Conflicts exist regarding water rights and managing overdraft.	y
Explain how IRWM regional boundary was determined and why region is an appropriate area for IRWM planning.	y/n/q	Y	19/40	--	Page 189, Chap 9, sections 9.1 and 9.2	The boundary was determined to be appropriate in the DWR Regional Acceptance Process	y
Describe neighboring and/or overlapping IRWM efforts	y/n	Y	19/40	--	Page 189, Chap 9, sections 9.1 and 9.2		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	--	Page 65, Chap 3, 3-18 to 3-19		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)	Chap 3, 3-1 to 3-14; Chap 9., 9-53 to 9-54		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	--	Page 48, Chap 3, 3-1 to 3-2		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)	Page 49, Chap 3, 3-2 to 3-14; Page 314, Chap 15, 15-1 to 15-4		y
Explain how objectives are prioritized or reason why the objectives are not prioritized	y/n/q	Y	20/42-43	--	Page 49, Chap 3, 3-2		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	--	Page 198, Chap 9, 9-10 to 9-11		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)	Page 200, Chap 9, 9-12 to 9-15		Y
Consideration of climate change effects on the IRWM region must be factored into RMS	y/n	Y	20/43	--	Page 201, Chap 9, 9-13		Y
Address which RMS will be implemented in achieving IRWM Plan Objectives	y/n	Y	44	--	Page 203, 9-15		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)	Page 65, Chap 3, page 3-18 to 3-19		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)	Page 281, Chap 13, 13-3 to 13-8		Y	
Does the project review process in the plan incorporate the following factors:								
How a project contributes to plan objectives	y/n	Y	20		Page 282. Chap 13, 13-4		Y	
How a project is related to Resource Management Strategies identified in the plan.	y/n	Y	20		Page 283, Chap 13, 13-5		Y	
The technical feasibility of a project.	y/n	Y	20		Page 282, Chap 13, 13-4		Y	
A projects specific benefits to a DAC water issue.	y/n	Y	20		Page 282, Chap 13, 13-4		Y	
Environmental Justice considerations.	y/n	Y	20		Page 283, Chap 13, 13-5		Y	
Project costs and financing	y/n	Y	20		Page 282, Chap 13, 13-4		Y	
Address economic feasibility	y/n	Y	21		Page 282, Chap 13, 13-4		Y	
Project status	y/n	Y	21		Page 283, Chap 13, 13-5		Y	
Strategic implementation of plan and project merit	y/n	Y	21/48		Page 283, Chap 13, 13-5		Y	
Project's contribution to climate change adaptation	y/n	Y	21		Page 282, Chap 13, 13-4		Y	
Contribution of project in reducing GHGs compared to project alternatives	y/n	Y	21		Page 283, Chap 13, 13-5		Y	
Status of the Project Proponent's IRWM plan adoption	y/n	Y	21		Page 283, Chap 13, 13-5		Y	
Project's contribution to reducing dependence on Delta supply (for IRWM regions receiving water from the Delta).	y/n	Y	21		Page 283, Chap 13, 13-5		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	--	Chapter 14	Impacts and benefits to tribes were not found in the IRWM plan. The only tribal reference is the Santa Rosa Tachi Tribe as a member of the IRWMP Stakeholders Advisory group on page 3-21.	n
State when a more detailed project-specific impact and benefit analysis will occur (prior to any implementation activity)	y/n	Y	49	--	Page 293, Chap 14, 14-7 to 14-11		y
Review and update the impacts and benefits section of the plan as part of the normal plan management activities	y/n	Y	50	--	Page 310, Chap 14, 14-24 to 14-25		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)	Page 314, Chap 15, 15-1 to 15-4		Y
Contain a methodology that the RWMG will use to oversee and evaluate implementation of projects.	y/n	Y	21/53		Page 314, Chap 15, 15-1, 15-5		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	--	Page 319, Chap 15, 15-6		Y
Describe typical data collection techniques	y/n	Y	54	--	Page 318, Chap 15, 15-5 to 15-6		Y
Describe stakeholder contributions of data to a data management system	y/n	Y	54	--	Page 319, Chap 15, 15-6		Y
Describe the entity responsible for maintaining data in the data management system	y/n	Y	54	--	Page 319, Chap 15, 15-6		Y
Describe the QA/QC measures for data	y/n	n	54	--		Information regarding QA/QC measures was not found in the IRWM plan.	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	--	Page 319, Chap 15, 15-6		Y
Explain how the Data Management System supports the RWMG's efforts to share collected data	y/n	y	54	--	Page 319, Chap 15, 15-6		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	--	Page 320, Chap 15, 15-7		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)	Page 46, Chap 2, 2-24 to 2-25		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		Page 302, Chap 14, 14-16 to 14-17		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		Chap 2.4, page 2-24 to 2-25		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	n	21			No information on the certainty and longevity of the plan was found.	n
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	n	21			No explanation of how O&M will be covered was found. O&M is listed as an item in the minimum project monitoring element list on page 312, Chap 14, 14-26 - 14-27.	n

* 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	--	Page 36, Chap 2, 2-14 to 2-21		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)	Page 39, Chap 2, 2-17 to 2-21		Y
Discuss how the plan relates to these other planning documents and programs	y/n	Y	22		Page 42, Chap 2, 2-20 to 2-21		Y
Describe the dynamics between the IRWM plan and other planning documents	y/n	Y	22		Page 42, Chap 2, 2-20 to 2-21		Y
Describe how the RWMG will coordinate its water mgmt planning activities	y/n	Y	58		Page 33, Chap 2, 2-11 to 2-14		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	--	Page 50, Chap 3, 3-3 to 3-4; Page 76, Chap 4, 4-6		Y
Document future plans to further a collaborative, proactive relationship between land use planners and water managers	y/n	Y	22/59 - 62	--	Page 198, Chap 9, 9-10 to 9-12; Page 233, Chap 9, 9-45 to 9-46		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)	Page 272, Chap 12, 12-3. Page 308, Chap 14, 14-22.		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)	Page 36, Chap 2, 2-36; Page 271, Chap 12, 12-2 to 12-3		Y
Discuss involvement of DACs and tribal communities in the IRWM planning effort	y/n	Y	23	--	Page 277, Chap 12, 12-8 to 12-9		Y
Describe decision-making process and roles that stakeholders can occupy	y/n	Y	23	--	Page 273, Chap 12, 12-3 to 12-4		Y
Discuss how stakeholders are necessary to address objectives and RMS	y/n	Y	23	--	Page 36, Chap 2, 2-36		Y
Discuss how a collaborative process will engage a balance in interest groups	y/n	Y	23	--	Page 272, 274 Chap 12, 12-5,		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)	Page 23, Chap 2, 2-1 to 2-23		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	--	Page 276, Chap 12, 12-7		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	--	Page 275, Chap 12, 12-6 to 12-7		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:	Page 210, Chap 9, 9-22, 9-24, 9-28, 9-31, 9-34		y
Provide a process that considers GHG emissions when choosing between project alternatives *	y/n	y	23/68	http://www.water.ca.gov/climatechange/CCHandbook.cfm ;	Page 164, Chap 6, 6-42		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	November 2012 Guidelines Legislative and Policy Context, p. 66	Chap 6, 6-38		y
Contain a plan, program, or methodology for further data gathering and analysis of prioritized vulnerabilities	y/n	y	23/66 - 73	§10541.(e)(11)	Pages 163 - 164		y
Include climate change as part of the project review process	y/n	y	23/68		Page 282, Chap. 13, 13-4		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	