

**DEPARTMENT OF WATER RESOURCES**

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



April 3, 2014

Mr. Eric C. Osterling  
Program Manager  
Upper Kings Basin IRWM Authority  
4886 East Jensen Avenue  
Fresno, California 93725

Subject: Plan Review Process, Draft Results for the Kings Basin IRWM Plan

Dear Mr. Osterling:

Attached please find the Department of Water Resources (DWR) Draft Review of the Kings Basin IRWM Plan. Based on the draft review, the IRWM Plan is consistent with the IRWM Planning Act and the related IRWM Plan Standards contained in the 2012 IRWM Grant Program Guidelines.

Pursuant to Appendix H of the Guidelines the public comment period for this review will begin on April 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>.

We will inform you of any comments received. After the public comment period ends the link to the draft review will become inactive on the website. DWR will consider comments, and if necessary work with you on any resultant follow up action. DWR will finalize the review and send it to you prior to posting on our website. The final review cover letter will state the plan's applicability in satisfying existing grant agreement conditions and plan eligibility requirements for future IRWM grant solicitations.

The Draft Review consists of a summary of the overall review and an individual review form for each of the 16 Plan Standards. On the individual review forms locations in the plan are noted for applicable material. Although they may be found elsewhere in the plan, these are the locations of the requirements used to show sufficiency with a given standard.

If you have any questions, please contact Ted Daum at (916) 651-9264 or [Theodore.Daum@water.ca.gov](mailto: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

**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.**

|  |   |
|--|---|
| <b>Requirement</b>                                       | Requirements are taken directly from the November 2012 Guidelines.  |
| <b>Included</b>  | 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. |
| <b>Plan Standard Source</b>                              |   |
| <b>2012 IRWM Grant Program Guidelines Source Page(s)</b> | Page(s) in the Guidelines (November 2012) which pertain to the Requirement.   |
| <b>Legislative Support and/or Other Citations</b>        | The CWC or other regulations that pertain to the Requirement, <b>if applicable</b> . This is for reference purposes. The cell links to a weblink of the regulatory code.  |
| <b>Evidence of Sufficiency</b>                           |   |
| <b>Location of Standard in Grantee IRWM Plan</b>         | 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.   |
| <b>Brief Qualitative Evaluation Narrative</b>            | 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.  |
| <b>Sufficient</b>  | Is the Guidelines requirement sufficiently represented in the IRWM Plan (y/n).  |

## 2012 IRWM Plan Standards Review Form

Regional Acceptance Process Planning Region:

Regional Water Management Group:

IRWM Plan Title:

DWR Reviewer:

### PLAN IS SUFFICIENT

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

Status of the Project Proponent's IRWM plan adoption was not shown. See the Project Review Process. We recommend addressing this in future plan updates.

The IRWMP states that the Regional Goals are not ranked but does not explain why. See the Objectives Plan Standard. We recommend further explanation in future plan updates.

| 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   |
| <b>Document a governance structure to ensure updates to the IRWM Plan</b>                |   |   |   |                                   |   |   |   |
| The name of the RWMG responsible for implementation of the IRWMP                         | y/n   | Y | 18/35   | <a href="#">CWC §10539</a>        | Page ES-1, 2-1                            |   | y   |
| A description of the IRWM governance structure   | y/n   | Y | 19/36   |                                   | Page ES-4, 2-1 to 2-5, Appendix A and C   |   | y   |
| A description of how the chosen form of governance <b>addresses</b> and <b>ensures</b> : |   |   |   |                                   |   |   |   |
| Public outreach and involvement processes  | y/n/q   | Y | 19/36-37  | <a href="#">§10540, §10541</a>    | 2-5 and 15-2                              | Briefly addressed on 2-5 when addressing balanced access and opportunity for participation in the IRWM process, more under Chapter 15 Public Outreach Methods | y   |
| Effective decision making  | y/n/q   | Y | 19/37   |                                   | Page 2-5                                  | Decisions are made by the Board of Directors and have 3 categories: Minor Decision, Major Decision, Supermajority Decisions.                                  | y   |
| Balanced access and opportunity for participation in the IRWM process                    | y/n/q   | Y | 19/37   |                                   | 2-5 and 2-6                               | The different levels of the Governance structure promote balanced access and opportunity for participation.   | y   |
| Effective communication – both internal and external to the IRWM region                  | y/n/q   | Y | 19/37-38  |                                   | 2-6, 15-5 and 15-6                        | The different levels of the Governance structure promote effective communication.   | y   |
| Long term implementation of the IRWM Plan  | y/n/q   | Y | 19/38   |                                   | Page 2-6                                  | The JPA governance structure helps ensure long-term implementation.   | y   |
| Coordination with neighboring IRWM efforts and State and federal agencies                | y/n/q   | Y | 19/38   |                                   | Page 2-7                                  | Several steps were taken including Letters of Agreement and participation in Round Table of Region meetings.  | y   |
| The collaborative process(es) used to establish plan objectives                          | y/n/q   | Y | 19/38   |                                   | Page 2-7                                  | IRWMP Update Work Group was comprised of members and interested parties.  | y   |
| How interim changes and formal changes to the IRWM Plan will be performed                | y/n/q   | Y | 19/38   |                                   | Page 2-7 and 2-8                          | On-going progress will be documented through Annual Reports.  | y   |
| Updating or amending the IRWM Plan   | y/n/q   | Y | 19/38   |                                   | Page 2-7 and 2-8                          | The IRWMP will be updated every 5 years, or as needed to satisfy new IRWMP standards established by DWR.  | y   |
| Publish NOI to prepare/update the plan; adopt the plan in a public meeting               | y/n/q   | Y | 35  |                                   | <a href="#">CWC §10543</a>                | Page 2-2  | A formal public noticing procedure was followed (California Government Code section 6066) |

| 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  | --  |   |   | N/A |
| Describe watersheds and water systems   | y/n   | Y   | 19/39   | <a href="#">PRC §75026.(b)(1) and CWP Update 2009</a> | Page 3-1 to 3-7                           |   | y   |
| Describe internal boundaries  | y/n   | Y   | 19/39   | --  | Page 3-7 to 3-23                          |   | y   |
| Describe water supplies and demands for minimum 20 year planning horizon  | y/n   | y   | 19/39   | --  | Page 3-23 to Page 3-35; Chapter 13        | Water supply and demand was described without reference to a 20-year planning horizon. Chapter 13 listed all Urban Water Management Plans (which do include 20 year planning horizon) and groundwater management plans.               | y   |
| Describe water quality conditions   | y/n   | Y   | 19/40   | --  | page 3-35 to 3-38                         |   | 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 3-38; Chapter 4                      | Briefly described in Ch 3 and further described in Chapter 4 of the IRWMP discusses social and cultural makeup, DAC involvement, and tribal government collaboration.   | y   |
| Describe major water related objectives and conflicts *   | y/n/q   | Y   | 19/40   | <a href="#">§10541. (e)(3)</a>                        | Page 3-38                                 | Primary concerns include: groundwater overdraft, water supply reliability, degradation of water quality, urban development, water rights protection, sustaining agricultural economy, protection from flooding, environment and DACs. | 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 3-38 to 3-42                         | The regional area is served by local agencies and stakeholders who share the same river and groundwater resources.  | y   |
| Describe neighboring and/or overlapping IRWM efforts  | y/n   | Y   | 19/40   | --  | Page 3-43 to 3-44                         |   | 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 3-39 to 3-40                         |   | 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  | <a href="#">§10540.(c)</a>                 | Chapter 5                                 |  | y   |
| Describe the collaborative process and tools used to establish objectives:<br>- How the objectives were developed<br>- What information was considered (i.e., water management or local land use plans, etc.)<br>- What groups were involved in the process<br>- How the final decision was made and accepted by the IRWM effort | y/n   | Y | 20/41   | --   | Page 5-1 and 5-2                          |  | y   |
| Identify quantitative or qualitative metrics and measurable objectives:<br>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  | <a href="#">10541.(e)</a>                  | Page 5-4 to 5-5 Table                     | Table 5-2 lists all 15 objectives and associated measurement tools.  | y   |
| Explain how objectives are prioritized or reason why the objectives are not prioritized  | y/n/q   | y | 20/42-43  | --   | Page 5-2                                  | The IRWMP states that the Regional Goals are not ranked, but does not explain why. Further explanation as to prioritization recommended. | 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 5-3 and 5-4                          |  | 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   | <a href="#">CWP Update 2009 Volume II; 10541(e)(1)</a> | page 6-2  |                            | y   |
| Consideration of climate change effects on the IRWM region must be factored into RMS  | y/n   | Y | 20/43   | --   | Page 6-5, 6-6, 6-10, 6-11, 6-14, 6-15, 6-18, 6-20, 6-21 |                            | y   |
| Address which RMS will be implemented in achieving IRWM Plan Objectives   | y/n   | Y | 44  | --   | Page 6-1  |                            | 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 <sup>1</sup> : <ul style="list-style-type: none"> <li>- Stakeholder/institutional</li> <li>- Resource</li> <li>- Project implementation</li> </ul> | y/n/q   | Y | 20/44 - 45  | <a href="#">§10540.(g)</a> ;<br><a href="#">§10541.(h)(2)</a> | Page ES-9, 1-4, 1-9, 7-2, 7-3, 13-2, 13-5, 16-1 to 16-4 | Chapter 16 Coordination/Integration discusses and cites chapters of the IRWMP that relate to fostering integration of stakeholders, resources, and project selection and implementation. | 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           | 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 |
| Process for projects included in IRWM plan must address 3 components:<br>- procedures for submitting projects<br>- procedures for reviewing projects<br>- procedures for communicating lists of selected projects | y/n   | Y   | 20/45   | §75028.(a)                        | Page 7-1 to 7-3                           |   | 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 7-2                                  |   | y   |
| How a project is related to Resource Management Strategies identified in the plan.  | y/n   | Y   | 20  |                                   | Page 7-2                                  |   | y   |
| The technical feasibility of a project.   | y/n   | Y   | 20  |                                   | Page 7-4                                  |   | y   |
| A projects specific benefits to a DAC water issue.  | y/n   | Y   | 20  |                                   | Page 7-2                                  |   | y   |
| Environmental Justice considerations.   | y/n   | Y   | 20  |                                   | Page 7-2                                  |   | y   |
| Project costs and financing   | y/n   | Y   | 20  |                                   | Page 7-4                                  |   | y   |
| Address economic feasibility  | y/n   | Y   | 21  |                                   | Page 7-4                                  |   | y   |
| Project status  | y/n   | Y   | 21  |                                   | Page 7-2                                  |   | y   |
| Strategic implementation of plan and project merit  | y/n   | Y   | 21/48   |                                   | Page 7-2 and 7-3                          |   | y   |
| Project's contribution to climate change adaptation   | y/n   | Y   | 21  |                                   | Page 7-4                                  |   | y   |
| Contribution of project in reducing GHGs compared to project alternatives   | y/n   | Y   | 21  |                                   | Page 7-4                                  |   | y   |
| Status of the Project Proponent's IRWM plan adoption  | y/n   | N   | 21  |                                   |   | Status of the Project Proponent's IRWM plan adoption was not shown. | n   |
| Project's contribution to reducing dependence on Delta supply (for IRWM regions receiving water from the Delta).  | y/n   | N\A | 21  |                                   |   | N/A   | 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  | --   | Page 8-4 to 9-11                          |                            | Y   |
| State when a more detailed project-specific impact and benefit analysis will occur (prior to any implementation activity)                                      | y/n   | Y | 49  | --   | Page 8-12                                 |                            | 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 8-12                                 |                            | 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   | <a href="#">PRC §75026.(a)</a>             | Table 5-2; Page 9-1 to 9-3                |                            | Y   |
| Contain a methodology that the RWMG will use to oversee and evaluate implementation of projects. | y/n   | Y | 21/53   |  | Page 9-3 to 6                             |                            | Y   |

\* Requirement must be addressed.

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| 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 10-2                                 |                            | y   |
| Describe typical data collection techniques   | y/n   | Y | 54  | --                                | Page 10-1                                 |                            | y   |
| Describe stakeholder contributions of data to a data management system  | y/n   | y | 54  | --                                | Page 10-1 and 10-2                        |                            | y   |
| Describe the entity responsible for maintaining data in the data management system  | y/n   | Y | 54  | --                                | Page 10-1                                 |                            | y   |
| Describe the QA/QC measures for data  | y/n   | Y | 54  | --                                | Page 10-1                                 |                            | y   |
| Explain how data collected will be transferred or shared between members of the RWMG and other interested parties throughout the IRWM region, including local, State, and federal agencies *  | y/n   | Y | 54  | --                                | Page 10-1                                 |                            | y   |
| Explain how the Data Management System supports the RWMG's efforts to share collected data  | y/n   | N | 54  | --                                | Page 10-2                                 |                            | 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   | N | 54  | --                                | Page 10-1                                 |                            | 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  | <a href="#">§10541.(e)(8)</a>              | Page 11-1, 11-5 and 11-6                  |                            | 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 11-3 to 11-5                         |                            | 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  |  | page 11-5 and 11-6                        |                            | 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  |  | page 11-6                                 |                            | 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  |  | Page 11-6                                 |                            | 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  | --   | Page 12-1 to 12-4                         |                            | 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  | <a href="#">§10540.(b)</a>                 | Page 13-2 to 7                            |                            | Y   |
| Discuss how the plan relates to these other planning documents and programs | y/n   | Y | 22  |  | Page 13-2 to 7                            |                            | Y   |
| Describe the dynamics between the IRWM plan and other planning documents    | y/n   | Y | 22  |  | Page 13-7                                 |                            | Y   |
| Describe how the RWMG will coordinate its water mgmt planning activities    | y/n   | Y | 58  |  | Page 13-8                                 |                            | Y   |

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| 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 14-2 to 5                            |                            | Y   |
| Document future plans to further a collaborative, proactive relationship between land use planners and water managers | y/n   | Y | 22/59 - 62  | --   | Page 14-5                                 |                            | 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   | <a href="#">§10541.(g)</a>                 | Page 15-2 and 15-3                        |                            | 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 4-5; 15-2 to 15-4                    |                            | y   |
| Discuss involvement of DACs and tribal communities in the IRWM planning effort  | y/n   | Y | 23  | --   | Page 15-1 to 15-3                         |                            | y   |
| Describe decision-making process and roles that stakeholders can occupy   | y/n   | Y | 23  | --   | Page 15-3 to 15-5                         |                            | y   |
| Discuss how stakeholders are necessary to address objectives and RMS  | y/n   | Y | 23  | --   | Page 15-1 and 15-3; Chapters 6, 15        |                            | y   |
| Discuss how a collaborative process will engage a balance in interest groups  | y/n   | Y | 23  | --   | Chapter 4; Page 15-6                      |                            | 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   | <a href="#">§10541.(e)(13)</a>             | Chapter 16                                |                            | 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   | --   | Chapter 16                                |                            | 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  | --   | Chapter 16                                |                            | 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: <a href="http://www.water.ca.gov/climatechange/CCHandbook.cfm">http://www.water.ca.gov/climatechange/CCHandbook.cfm</a> ; November 2012 Guidelines Legislative and Policy Context, p. 66<br>§10541.( e )(11) | Chapter 17.4                              |                            | y   |
| Provide a process that considers GHG emissions when choosing between project alternatives *  | y/n   | Y | 23/68   |  | Page 17-18                                |                            | 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  |  | Page 17-11 to 12                          |                            | y   |
| Contain a plan, program, or methodology for further data gathering and analysis of prioritized vulnerabilities   | y/n   | Y | 23/66 - 73  |  | Chapter 17.7                              |                            | y   |
| Include climate change as part of the project review process   | y/n   | Y | 23/68   |  | Page 17-18                                |                            | y   |

\* Requirement must be addressed.

| Regulatory Citation  | Link  | Notes  |
|--|---|--|
| IRWM Prop 84 and 1E Guidelines                                       | <a href="http://www.water.ca.gov/irwm/grants/docs/Guidelines/GL_2012_FINAL.pdf">http://www.water.ca.gov/irwm/grants/docs/Guidelines/GL_2012_FINAL.pdf</a>   | DWR November 2012 Guidelines - Final   |
| CWC §10539   | <a href="http://www.leginfo.ca.gov/cgi-bin/displaycode?section=wat&amp;group=10001-11000&amp;file=10532-10539">http://www.leginfo.ca.gov/cgi-bin/displaycode?section=wat&amp;group=10001-11000&amp;file=10532-10539</a>     |  |
| CWC §10540, §10541   | <a href="http://www.leginfo.ca.gov/cgi-bin/displaycode?section=wat&amp;group=10001-11000&amp;file=10540-10543">http://www.leginfo.ca.gov/cgi-bin/displaycode?section=wat&amp;group=10001-11000&amp;file=10540-10543</a>     |  |
| CWC §10543   | <a href="http://www.leginfo.ca.gov/cgi-bin/displaycode?section=wat&amp;group=10001-11000&amp;file=10540-10543">http://www.leginfo.ca.gov/cgi-bin/displaycode?section=wat&amp;group=10001-11000&amp;file=10540-10543</a>     |  |
| PRC §75026, §75028, CWP Update 2009, and California Watershed Portal | <a href="http://www.leginfo.ca.gov/cgi-bin/displaycode?section=prc&amp;group=75001-76000&amp;file=75020-75029.5">http://www.leginfo.ca.gov/cgi-bin/displaycode?section=prc&amp;group=75001-76000&amp;file=75020-75029.5</a> | 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. |
|  | <a href="http://www.waterplan.water.ca.gov/cwpu2009/index.cfm">http://www.waterplan.water.ca.gov/cwpu2009/index.cfm</a>   | 2009 California Water Plan Volumes I and II  |
|  | <a href="http://www.conservation.ca.gov/dlrp/watershedportal/Pages/Index.aspx">http://www.conservation.ca.gov/dlrp/watershedportal/Pages/Index.aspx</a>   | California Watershed Portal  |
| §10541. (e)(3)   | <a href="http://www.leginfo.ca.gov/cgi-bin/displaycode?section=wat&amp;group=10001-11000&amp;file=10540-10543">http://www.leginfo.ca.gov/cgi-bin/displaycode?section=wat&amp;group=10001-11000&amp;file=10540-10543</a>     |  |