STATE OF CALIFORNIA – CALIFORNIA NATURAL RESOURCES AGENCY

EDMUND G. BROWN JR., *Governor*

**DEPARTMENT OF WATER RESOURCES**
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May 1, 2014

Mr. Mark A. Seedall
Principal Planner
Contra Costa Water District
1331 Concord Avenue
P.O. Box H2O
Concord, California 94524

Subject: Plan Review Process, East Contra Costa IRWM Plan

Dear Mr. Seedall:

Attached please find the Department of Water Resources (DWR) Draft Review of the East Contra Costa 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 May 1, 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.

Sincerely,

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 eligibilty 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 Guidlelines.

**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:** East Contra Costa County
**Regional Water Management Group:** East County Water Management Association
**IRWM Plan Title:** East Contra Costa County IRWMP - Update 2013

## 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.

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**Additional Comments:**

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

The plan did not address how an NOI would be published for a plan update, or if the plan would be adopted at a public meeting. See the Governance Plan Standard.

The plan did not address the status of the IRWM plan adoption. See the Project Review Process Plan Standard.

Data needs within the IRWM region were not described. QA/QC measures for data were not described. See the Data Management Plan Standard.

While generally stated that the planning process and its components will be updated as needed, it is not clear that a systematic methodology of evaluation is employed so that all parts of the plan including impacts and benefits can be appropriately identified for revision. See the Impact and Benefit Plan Standard.

| 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 | Sec. 2.3 | | y |
| A description of the IRWM governance structure | **y/n** | y | **19/36** | | Sec. 2.3.1 & Fig. 2-1 | | 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** | | Sec. 3.6 | Outreach methods include the development of a Web site, e-mails, mailings, and public workshops. The composition of participating stakeholders has included the members of the ECWMA and other interested parties including: wholesale and retail water purveyors, wastewater agencies, flood management agencies, municipal and county governments and special districts, environmental stewardship organizations, state agencies, general public, community organizations, DACs, and small community systems. | y |
| Effective decision making | **y/n/q** | y | **19/37** | | Sec. 2.3.2 | The ECWMA is a collaborative association with member agencies each having one vote on the Governing Board (GRB) and one vote on the Jonit-Managers Committee (JMC). All actions undertaken by the ECWMA require majority vote. If one or more members do not wish to participate in an activity undertaken by the ECWMA, the member can opt out with no financial responsibility for that activity. | y |
| Balanced access and opportunity for participation in the IRWM process | **y/n/q** | y | **19/37** | | Sec. 2.3 & 2.4.3 | The ECWMA is the foundation of the IRWM and serves as the official RWMG for the ECCC region. It remains a consortium of 12 member agencies with a broad range of water management-related responsibilities within the region. The GBR appoints one of its members as chair and one as vice-chair. The term of office for these appointments is 2 years. The GBR meets at least twice a year, and all of the meetings are open to the public, noticed, and conducted in accordance with the Brown Act. | y |
| Effective communication – both internal and external to the IRWM region | **y/n/q** | y | **19/37-38** | §10540, §10541 | Sec. 4.1.2 | Meeting and communicating on a frequent basis affords the opportunity to create synergies across agencies and across potential projects. In 2012, a new Web site was created to facilitate improved communication among the agencies, stakeholders in the community, and interested parties, such as adjacent IRWM regions. | y |
| Long term implementation of the IRWM Plan | **y/n/q** | y | **19/38** | | Sec. 4.8 | Implementation of the IRWM plan in the long-term established through planning framework described in Section 4.8. | y |
| Coordination with neighboring IRWM efforts and State and federal agencies | **y/n/q** | y | **19/38** | | Sec. 3.7.7 & 3.7.8 | The ECCC IRWM region and the San Francisco Bay Area IRWM region collaborate to identify and prioritize any project that would be located in the overlap area. The ECWMA and its members coordinate with State and Federal agencies to gain assistance and support in implementation. | y |
| The collaborative process(es) used to establish plan objectives | **y/n/q** | y | **19/38** | | Sec.3.2.1 | ECWMA reached out to members of the public, local agencies and other stakeholders with an invitation to participate in a discussion and learn more about the update process. During a workshop in February 2012, participants identified regional and local problems, challenges, resource conflicts, and opportunities to collaborate. During the session, five broad categories of issues were identified. Within each broad category, participants identified both issues and regional needs. Ultimately, these issues and needs were refined into five objectives. | y |
| How interim changes and formal changes to the IRWM Plan will be performed | **y/n/q** | y | **19/38** | | Sec. 2.3.2 | A 5 step process to updating the plan is outlined. | y |
| Updating or amending the IRWM Plan | **y/n/q** | y | **19/38** | | Sec. 3.8 | This section addresses the circumstances that can trigger an update including: new IRWM Guidelines or requirements; new stakeholders or participants; a need to change the region's boundary; such as contraction, expansion, or consolidation with another region; significant environmental changes or other catastrophic events; and significant updates to local water planning or local land-use planning. | y |
| Publish NOI to prepare/update the plan; adopt the plan in a public meeting | **y/n/q** | n | **35** | CWC §10543 | Sec 4.8 | The plan did not address how an NOI would be published in the adoption process, or if the plan would be adopted at a public meeting. | n |

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| IRWM Plan Standard: Region Description | | | | | | Overall Standard Sufficient | Yes |
|---|---|---|---|---|---|---|---|
| Requirement | Included | | Plan Standard Source | | Evidence of Sufficiency | | Sufficient |
| From IRWM Guidelines | y/n - Present/Not Present in the IRWMP. If y/n/q qualitative evaluation needed. | | 2012 IRWM Grant Program Guidelines Source Page(s) | Legislative Support and/or Other Citations | Location of Standard in Grantee IRWM Plan | Brief Evaluation Narrative | y/n |
| If applicable, describe and explain how the plan will help reduce dependence on the Delta supply regionally | y/n | y | 20 | -- | Sec. 4.3.1 | One objective of the Plan is to pursue water supplies that are less subject to Delta influences and drought, such as recycled water and desalination. | y |
| Describe watersheds and water systems | y/n | y | 19/39 | PRC §75026.(b)(1) and CWP Update 2009 | 2.6, 2.8.6 | | y |
| Describe internal boundaries | y/n | y | 19/39 | -- | Sec. 2.4 & Fig. 2-2, 2-4, 2-5, 2-6, 2-10, 2-11 | | y |
| Describe water supplies and demands for minimum 20 year planning horizon | y/n | y | 19/39 | -- | Sec. 2.7 | | y |
| Describe water quality conditions | y/n | y | 19/40 | -- | Sec. 2.9 | | y |
| Describe social and cultural makeup, including specific information on DACs and tribal communities in the region and their water challenges. | y/n/q | y | 19/40 | -- | Sec. 2.5 | Section 2.5 does a good job describing the social and cultural makeup of the region, and describing DACs and their water challenges. No tribal communities reside in the region. | y |
| Describe major water related objectives and conflicts * | y/n/q | y | 19/40 | §10541. (e)(3) | Sec. 3.2 | The objectives of the Plan are discussed, but the conflict description is only minimally addressed. | y |
| Explain how IRWM regional boundary was determined and why region is an appropriate area for IRWM planning. | y/n/q | y | 19/40 | -- | Sec. 2.2.1 & 2.4.1 | The ECCC region is geographically isolated from the rest of Contra Costa County; the entire region drains into the Delta; and all or a portion of all of the communities are located within the statutory Delta. As a contiguous geographic area encompassing multiple ECCC service areas, the region also overlaps sections of the San Francisco Bay Area IRWM region. While the ECCC region rests primarily in the jurisdiction of the Central Valley Water Board (Region 5), it overlaps with Region 2 (the San Francisco Bay Water Board) jurisdiction in Pittsburg, Bay Point, and a small portion of Antioch within Contra Costa County. | y |
| Describe neighboring and/or overlapping IRWM efforts | y/n | y | 19/40 | -- | Sec. 3.7.7 | | y |
| Explain how opportunities are maximized (e.g. people at the table, natural features, infrastructure) for integration of water management activities | y/n | y | 38 | -- | Sec. 3.7.1 | | y |

* Requirement must be addressed.

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| 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 ) | Table 3-1, Sec. 3.2.1, & Appendix F | | 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** | -- | 3.2.1, 3.2.2 | | y |
| Identify quantitative or qualitative metrics and measureable 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** | 10541.(e) | Table 3-1 | Quantitative and qualitative metrics have been established. For example, metrics for the objective of improving regional flood risk management include achieving a 200-year level of protection for urban areas and a 100-year level of protection for small communities. | y |
| Explain how objectives are prioritized or reason why the objectives are not prioritized | **y/n/q** | y | **20/42-43** | -- | Sec. 3.2.1 | In presenting the objectives in a list, the group expressly states the order does not imply that one issue or need is more important than another. The IRWM planning group views all objectives as important and to some extent inseparable. | 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** | -- | Sec. 3.2.1 | | y |

* Requirement must be addressed.

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| IRWM Plan Standard: Resource Management Strategies (RMS) | | | | | | Overall Standard Sufficient | Yes |
|---|---|---|---|---|---|---|---|
| Requirement | Included | | Plan Standard Source | | Evidence of Sufficiency | | Sufficient |
| From IRWM Guidelines | y/n - Present/Not Present in the IRWMP. If y/n/q qualitative evaluation needed. | | 2012 IRWM Grant Program Guidelines Source Page(s) | Legislative Support and/or Other Citations | Location of Standard in Grantee IRWM Plan | Brief Evaluation Narrative | y/n |
| Identify RMS incorporated in the IRWM Plan: Consider all California Water Plan (CWP) RMS criteria (29) listed in Table 3 from the CWP Update 2009 * | **y/n** | y | **20/43** | CWP Update 2009 Volume II; 10541(e)(1) | Sec. 3.3 & Appendix G | | y |
| Consideration of climate change effects on the IRWM region must be factored into RMS | **y/n** | y | **20/43** | -- | Sec. 3.3 | | y |
| Address which RMS will be implemented in achieving IRWM Plan Objectives | **y/n** | y | **44** | -- | Table 3-2 & 3-3 | | y |

* Requirement must be addressed.

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| IRWM Plan Standard: Integration | | | | | | Overall Standard Sufficient | Yes |
|---|---|---|---|---|---|---|---|
| Requirement | Included | | Plan Standard Source | | Evidence of Sufficiency | | Sufficient |
| From IRWM Guidelines | y/n - Present/Not Present in the IRWMP. If y/n/q qualitative evaluation needed. | | 2012 IRWM Grant Program Guidelines Source Page(s) | Legislative Support and/or Other Citations | Location of Standard in Grantee IRWM Plan | Brief Evaluation Narrative | y/n |
| Contains structure and processes for developing and fostering integration [1]:<br>- Stakeholder/institutional<br>- Resource<br>- Project implementation | y/n/q | y | 20/44 - 45 | §10540.(g); §10541.(h)(2) | Sections 3.7.1, 3.4 & 4.7 | These sections discuss integration of stakeholders, projects, and resources; respectively. | 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** | | Sections 3.4.1, 3.4.2 & 3.4.5 | | y |
| Does the project review process in the plan incorporate the following factors: | | | | | | | |
| How a project contributes to plan objectives | **y/n** | y | **20** | | Sec. 3.4.3 | | y |
| How a project is related to Resource Management Strategies identified in the plan. | **y/n** | y | **20** | | Sec. 3.4.3 | | y |
| The technical feasibility of a project. | **y/n** | y | **20** | | Table 3-6 | | y |
| A projects specific benefits to a DAC water issue. | **y/n** | y | **20** | §75028.(a) | Table 3-6 | | y |
| Environmental Justice considerations. | **y/n** | y | **20** | | Table 3-6 | | y |
| Project costs and financing | **y/n** | y | **20** | | Table 3-6 | | y |
| Address economic feasibility | **y/n** | y | **21** | | Table 3-6 | | y |
| Project status | **y/n** | y | **21** | | Table 3-6 | | y |
| Strategic implementation of plan and project merit | **y/n** | y | **21/48** | | Table 3-6 | | y |
| Project's contribution to climate change adaptation | **y/n** | y | **21** | | Table 3-6 | | y |
| Contribution of project in reducing GHGs compared to project alternatives | **y/n** | y | **21** | | Table 3-6 | | y |
| Status of the Project Proponent's IRWM plan adoption | **y/n** | n | **21** | | | The plan did not address the status of the IRWM plan adoption. | n |
| Project's contribution to reducing dependence on Delta supply (for IRWM regions receiving water from the Delta). | **y/n** | y | **21** | | Sec. 3.4.3 & Table 3-4 | | y |

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| 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** | -- | Sections 4.3 & 4.4 | | y |
| State when a more detailed project-specific impact and benefit analysis will occur (prior to any implementation activity) | **y/n** | y | **49** | -- | Section 4.8 | | y |
| Review and update the impacts and benefits section of the plan as part of the normal plan management activities | **y/n** | y | **50** | -- | Section 4.8 | While generally stated that the planning process and its components will be updated as needed, it is not clear that a systematic methodology of evaluation is employed so that all parts of the plan including impacts and benefits can be appropriately identified for revision. | y |

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| 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 ) | Tables 3-1 and 4-6 | | y |
| Contain a methodology that the RWMG will use to oversee and evaluate implementation of projects. | y/n | y | 21/53 | | Sec. 4.6 | | 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 | n | 54 | -- | | Data needs within the IRWM region were not described. | n |
| Describe typical data collection techniques | y/n | y | 54 | -- | Sec. 4.7 | | y |
| Describe stakeholder contributions of data to a data management system | y/n | y | 54 | -- | Sec. 4.7 | | y |
| Describe the entity responsible for maintaining data in the data management system | y/n | y | 54 | -- | Sec. 4.7 | | y |
| Describe the QA/QC measures for data | y/n | n | 54 | -- | | QA/QC measures for data were not described. | 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 | -- | Sec. 4.7 | | y |
| Explain how the Data Management System supports the RWMG's efforts to share collected data | y/n | y | 54 | -- | Sec. 4.7 | | 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 | -- | Sec. 4.7 | | y |

* Requirement must be addressed.

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| 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 | | Sec. 4.5 | | 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 | | Table 4-4 | | 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 | §10541.( e )( 8 ) | Appendix E | | 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 | | Table 4-5 | | 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 | | Table 4-5 | | y |

* Requirement must be addressed.

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| 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 | -- | Sec 3.5 & Table 3-8 | | y |

* Requirement must be addressed.

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| IRWM Plan Standard: Relation to Local Water Planning | | | | | | Overall Standard Sufficient | Yes |
|---|---|---|---|---|---|---|---|
| Requirement | Included | | Plan Standard Source | | Evidence of Sufficiency | | Sufficient |
| From IRWM Guidelines | y/n - Present/Not Present in the IRWMP. If y/n/q qualitative evaluation needed. | | 2012 IRWM Grant Program Guidelines Source Page(s) | Legislative Support and/or Other Citations | Location of Standard in Grantee IRWM Plan | Brief Evaluation Narrative | y/n |
| Identify a list of local water plans used in the IRWM plan | y/n | y | 22 | §10540.( b ) | Sec. 3.5 | | y |
| Discuss how the plan relates to these other planning documents and programs | y/n | y | 22 | | Sec. 3.7.9 | | y |
| Describe the dynamics between the IRWM plan and other planning documents | y/n | y | 22 | | Sec. 3.7.9 | | y |
| Describe how the RWMG will coordinate its water mgmt planning activities | y/n | y | 58 | | Sec. 3.7.1 | | 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 | -- | Sec. 3.7 | | y |
| Document future plans to further a collaborative, proactive relationship between land use planners and water managers | y/n | n | 22/59 - 62 | -- | Sec 3.7.6 | | y |

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| IRWM Plan Standard: Stakeholder Involvement | | | | | | Overall Standard Sufficient | Yes |
|---|---|---|---|---|---|---|---|
| Requirement | Included | | Plan Standard Source | | Evidence of Sufficiency | | Sufficient |
| From IRWM Guidelines | y/n - Present/Not Present in the IRWMP. If y/n/q qualitative evaluation needed. | | 2012 IRWM Grant Program Guidelines Source Page(s) | Legislative Support and/or Other Citations | Location of Standard in Grantee IRWM Plan | Brief Evaluation Narrative | y/n |
| Contain a public process that provides outreach and opportunity to participate in the IRWM plan * | y/n | y | 22/63 | §10541.( g ) | Sec. 3.6 | | y |
| Identify process to involve and facilitate stakeholders during development and implementation of plan regardless of ability to pay; include barriers to invlovement * | y/n | y | 64 | §10541.(h) (2) | Sections 3.6.1, 3.6.2 & 3.6.3 | | y |
| Discuss involvement of DACs and tribal communities in the IRWM planning effort | y/n | y | 23 | -- | Sec. 2.5.7 | | y |
| Describe decision-making process and roles that stakeholders can occupy | y/n | y | 23 | -- | Sections 2.3.1 & 2.3.2 | | y |
| Discuss how stakeholders are necessary to address objectives and RMS | y/n | y | 23 | -- | Section 3.6 | | y |
| Discuss how a collaborative process will engage a balance in interest groups | y/n | y | 23 | -- | Sections 3.6.6 & 3.4.6 | | y |

* Requirement must be addressed.

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| IRWM Plan Standard: Coordination | | | | | | Overall Standard Sufficient | Yes |
|---|---|---|---|---|---|---|---|
| Requirement | Included | | Plan Standard Source | | Evidence of Sufficiency | | Sufficient |
| From IRWM Guidelines | y/n - Present/Not Present in the IRWMP. If y/n/q qualitative evaluation needed. | | 2012 IRWM Grant Program Guidelines Source Page(s) | Legislative Support and/or Other Citations | Location of Standard in Grantee IRWM Plan | Brief Evaluation Narrative | y/n |
| Identify the process to coordinate water management projects and activities of participating local agencies and stakeholders to avoid conflicts and take advantage of efficiencies * | y/n | y | 23/65 | §10541.( e )(13) | Sec. 3.7.1 | | y |
| Identify neighboring IRWM efforts and ways to cooperate or coordinate, and a discussion of any ongoing water management conflicts with adjacent IRWM efforts | y/n | y | 23/65 | -- | Sec. 3.7.7 | | 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 | -- | Sec. 3.7.8 | | y |

* Requirement must be addressed.

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| 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 vulnerabilites 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<br><br>§10541.( e )(11) | Sec. 2.8 & Appendices D and E | | y |
| Provide a process that considers GHG emissions when choosing between project alternatives * | **y/n** | y | **23/68** | | Table 3-6 | | y |
| Include a list of prioritized vulnerabilites based on the vulnerability assessment and the IRWM's decision making process. | **y/n** | y | **23/66 - 73** | | Sec. 2.8.1 & Appendix D | | y |
| Contain a plan, program, or methodology for further data gathering and analysis of prioritized vulnerabilities | **y/n** | y | **23/66 - 73** | | Sec. 2.8.8 | | y |
| Include climate change as part of the project review process | **y/n** | y | **23/68** | | Table 3-6 | | y |

* Requirement must be addressed.

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| 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 | |