

2019 San Diego IRWM Plan - Phase 1
Plan Standard Review Form
Public Draft Plan

IRWM Plan Standard: Governance				Overall Standard Sufficient		Yes
Requirement		Included		Evidence of Plan Sufficiency		Sufficient
From IRWM 2016 Guidelines	IRWM 2016 Guidelines Page Number	y/n - Present/Not Present in the IRWM Plan. If y/n/q, qualitative evaluation needed.		Location of Standard in Grantee IRWM Plan	Brief Qualitative Evaluation	y/n
The RWMG and individual project proponents who adopted the Plan"	37	y/n	y	6.5 Updating or Amending the IRWM Plan (pg. 6-27)	-	y
A description of the IRWM governance structure including a discussion of whether or how Native American tribes will participate in the RWMG.	37	y/n	y	6.3 IRWM Governance Structure (pg. 6-3 to 6-12)	-	y
A description of how the chosen form of governance addresses and insures:						
Public outreach and involvement processes	37	y/n/q	y	6.4 Stakeholder Involvement Program (pg. 6-12)	Outreach efforts include public meetings, email lists, IRWM website, targeted outreach to DACs and Tribes.	y
Effective decision making	37	y/n/q	y	6.3 IRWM Governance Structure (pg. 6-3 to 6-12)	RWMG makes final decisions regarding IRWM Program, and may need formal approval from agency governing bodies. RAC approves recommendations to RWMG using consensus. Workgroup decision making defined by each workgroup. Details provided in Sections 6.3.1, 6.3.2, 6.3.3.	y
Balanced access and opportunity for participation in the IRWM process	37	y/n/q	y	6.4 Stakeholder Involvement Program (pg. 6-12)	Stakeholder outreach efforts target key stakeholders, invite broad stakeholder participation in public workshops, public comment periods, and direct communication with RAC and RWMG	y
Effective communication – both internal and external to the IRWM region	37	y/n/q	y	6.4 Stakeholder Involvement Program (pg. 6-12)	Communication through IRWM website, actively involved IRWM email list, broader IRWM email list, targeted communication to DAC, EJ, and Tribes.	y
Long term implementation of the IRWM Plan	37	y/n/q	y	Chapter 6 Governance; 6.1 Overview (pg. 6-1); 6.4 Stakeholder Involvement Program (pg. 6-12 to 6-26)	Section 6.1 acknowledges the importance of collaboration and stakeholder involvement for long-term success of Program. Section 6.4 describes stakeholder involvement in the Plan and Program, which supports Program longevity. Chapter 6 discusses importance of building relationships between agencies, organizations, and stakeholders, and describes how these relationships are fostered by the IRWM Program.	y
Coordination with neighboring IRWM efforts and State and federal agencies	37	y/n/q	y	6.3.2 Regional Advisory Committee (pg. 6-7); 6.3.4 Tri-County Funding Area Coordinating Committee (pg. 6-12); 3.12 Neighboring and/or Overlapping IRWM Efforts (pg. 3-102)	Discussion of coordination with neighboring RWMGs via MOU. State and Federal Agencies are invited as non-voting members of the RAC.	y
The collaborative process(es) used to establish plan objectives	38	y/n/q	y	2.2 Describing the Process (pg. 2-1)	Objectives established through workgroup, RAC, RWMG, public and stakeholders. IRWM summit solicited input from public and stakeholders and objectives were reviewed and approved by the RAC.	y

How interim changes and formal changes to the IRWM Plan will be performed	38	y/n/q	y	6.5 Updating or Amending the IRWM Plan (pg. 6-27)	Updating plan will include Public Notice, formal adoption by governing bodies of RWMG agencies. Plan amendments updated per RWMG agency processes, dependent on nature and extent of amendment. Projects added to Plan without formal update or approval if project meets requirements described in Chapter 9.	y
Updating or amending the IRWM Plan	38	y/n/q	y	6.5 Updating or Amending the IRWM Plan (pg. 6-27)	Updating plan will include Public Notice, formal adoption by governing bodies of RWMG agencies. Plan amendments updated per RWMG agency processes, dependent on nature and extent of amendment. Projects added to Plan without formal update or approval if project meets requirements described in Chapter 9.	y

IRWM Plan Standard: Region Description				Overall Standard Sufficient	Yes	
Requirement		Included		Evidence of Plan Sufficiency	Sufficient	
From IRWM 2016 Guidelines	IRWM 2016 Guidelines Page Number	y/n - Present/Not Present in the IRWM Plan. If y/n/q, qualitative evaluation needed.		Location of Standard in Grantee IRWM Plan	Brief Qualitative Evaluation	y/n
If applicable, describe and explain how the plan will help reduce dependence on the Delta supply regionally.	38	y/n	y	2.7 IRWM Objectives (Objective E) (pg. 2-9); 3.10 Water Demand and Supply Diversification (pp. 3-94 to 3-98)	-	y
Describe watersheds and water systems	38	y/n	y	Chapter 5 Watersheds; 2.5 Water Management Systems (pp. 3-23 to 3-60)	-	y
Describe internal boundaries	38	y/n	y	3.6 Internal Boundaries (pp. 3-61 to 3-69)	-	y
Describe water supplies and demands for minimum 20 year planning horizon	38	y/n	y	3.10 Water Demand and Supply Diversification (pp. 3-92 to 3-98)	-	y
Describe social and cultural makeup, including specific information on DACs and tribal communities in the region and their water challenges.	38	y/n/q	y	3.1 Region Overview (pp. 3-1 to 3-7); 3.3 Disadvantaged Communities (pp. 3-11 to 3-22); Chapter 4 Tribal Nations of San Diego	General population and economic information is provided for the Region. Detailed information provided for areas identified as DACs. Tribal chapter describes each individual Tribal Nation in the Region.	y
Describe major water related objectives and conflicts (1).	38	y/n/q	y	3.11 Major Water Related Issues and Conflicts (pp. 3-98 to 3-99); Chapter 2 Vision and Objectives	Table 3-42 summaries water issues and conflicts in Region. Chapter 2 details the IRWM Plan objectives, which represent the major water related objectives of the Region.	y
Explain how IRWM regional boundary was determined and why region is an appropriate area for IRWM planning.	38	y/n/q	y	3.2 Defining Boundaries for the Region (pp. 3-10 to 3-11)	Boundaries defined by jurisdictional, regulatory, and political boundaries, as well as common water supply and watershed characteristics.	y
Describe neighboring and/or overlapping IRWM efforts	38	y/n	y	3.12 Neighboring and/or Overlapping IRWM Efforts (pp. 3-100 to 3-102)	-	y

Explain how opportunities are maximized (e.g. people at the table, natural features, infrastructure) for integration of water management activities	38	y/n	y	3.2 Defining Boundaries for the Region (Physical and Hydrologic Characteristics) (pg. 3-11); 9.2 Integration (pp. 9-1 to 9-5)	-	y
Describe water quality conditions. If the IRWM region has areas of nitrate, arsenic, perchlorate, or hexavalent chromium contamination, the Plan must include a description of location, extent, and impacts of the contamination; actions undertaken to address the contamination, and a description of any additional actions needed to address the contamination (2) .	38	y/n	y	3.7 Water Quality (pp. 3-81 to 3-98)	-	y
Describe likely Climate Change impacts on their region as determined from the vulnerability assessment.	38	y/n	y	3.14 Climate Change (pp. 3-120 to 3-123); 7.9.1 Relevant Climate Change Planning Documents (Table 7-15 and Table 7-16) (pp. 7-40 to 7-45)	-	y

IRWM Plan Standard Requirements for 2016 IRWM Guidelines in Addition to Previously Required 2012 IRWM Guideline Requirements. See Appendix H in IRWM 2016 Guidelines.

(1) Requirement must be addressed per CWC §10541 (e)(3).

(2) Requirement must be addressed per CWC §10541 (e)(14).

IRWM Plan Standard: Plan Objectives				Overall Standard Sufficient		Yes
Requirement		Included		Evidence of Plan Sufficiency		Sufficient
From IRWM 2016 Guidelines	IRWM 2016 Guidelines Page Number	y/n - Present/Not Present in the IRWM Plan. If y/n/q, qualitative evaluation needed.		Location of Standard in Grantee IRWM Plan	Brief Qualitative Evaluation	y/n
Through the objectives or other areas of the plan, the 7 items on pg 49 of GL are addressed (1).	49	y/n	y	Chapter 2 Vision and Objectives	-	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	48 - 50	y/n	y	2.2 Describing the Process (pp. 2-1 to 2-3)	-	y
Identify quantitative or qualitative metrics and measureable 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 (2).	49	y/n/q	y	2.10 Plan Targets (Table 2-3) (pp. 2-17 to 2-25)	Table 2-3: IRWM Objectives, Targets, and Metrics shows which project types address each objective, as well as which targets or metrics will be measured when assessing projects of each type.	y
Explain how objectives are prioritized or reason why the objectives are not prioritized	50	y/n/q	y	2.7.1 Prioritizing the IRWM Objectives (pg. 2-14)	Objectives were not prioritized to maintain flexibility of the Plan, stakeholder support, and balance project selection to address all objectives during funding opportunities.	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.	50	y/n	y	2.6 IRWM Goals (pg. 2-4)	-	y
Address adapting to changes in the amount, intensity, timing, quality and variability of runoff and recharge.	39	y/n	y	2.7 IRWM Objectives (Objective G)(pg. 2-13); 2.7.2 Climate Change Considerations (pp. 2-17 to 2-18)	-	y
Consider the effects of sea level rise (SLR) on water supply conditions and identify suitable adaptation measures.	39	y/n	y	2.7.2 Climate Change Considerations (pp. 2-17 to 2-18); 3.14 Climate Change (pp. 3-120 to 3-123); 7.9.1 Relevant Climate Change Planning Documents (Table 7-16 and Table 7-17) (pp. 7-40 to 7-73)	-	y
Reducing energy consumption, especially the energy embedded in water use, and ultimately reducing GHG emissions.	39	y/n	y	8.7 Adapting Resource Management Strategies to Climate Change (Table 8-3)(pp. 8-28 to 8-29); 11.2.1 Implementation Action Plans for Regional Priorities (Table 11-2) (pp. 11-10 to 11-11)	-	y

In evaluating different ways to meet IRWM plan objectives, where practical, consider the strategies adopted by CARB in its AB 32 Scoping Plan1.	39	y/n	y	2.7 IRWM Objectives (Objective I) (pp. 2-15 to 2-16)	-	y
Consider options for carbon sequestration and using renewable energy where such options are integrally tied to supporting IRWM Plan objectives.	39	y/n	y	2.7 IRWM Objectives (Objective I) (pp. 2-15 to 2-16); 8.7 Adapting Resource Management Strategies to Climate Change (Table 8-3)(pp. 8-28 to 8-29)	-	y

IRWM Plan Standard Requirements for 2016 IRWM Guidelines in Addition to Previously Required 2012 IRWM Guideline Requirements. See Appendix H in IRWM 2016 Guidelines.

- (1) Requirement must be addressed per CWC §10540 (c).
- (2) Requirement must be addressed per CWC §10541 (e).

IRWM Plan Standard: Resource Management Strategies (RMS)				Overall Standard Sufficient		
Requirement		Included		Evidence of Plan Sufficiency		
From IRWM 2016 Guidelines	IRWM 2016 Guidelines Page Number	y/n - Present/Not Present in the IRWM Plan. If y/n/q, qualitative evaluation needed.		Location of Standard in Grantee IRWM Plan	Brief Qualitative Evaluation	Sufficient
						y/n
Address which RMS will be implemented in achieving IRWM Plan Objectives (1).	39	y/n	y	8.1.1 Resource Management Strategies in California Water Plan Update 2013 (Table 8-1) (pp. 8-2 to 8-4)	-	y
Identify RMS incorporated in the IRWM Plan: Consider all California Water Plan (CWP)RMS criteria (29) listed in Table 3 from the CWP Update 2013	39	y/n	y	Table 8-1 (pp. 8-2 to 8-4)	-	y
Consideration of climate change effects on the IRWM region must be factored into RMS. Identify and implement, using vulnerability assessments and tools such as those provided in the Climate Change Handbook, RMS and adaptation strategies that address region-specific climate change impacts. • Demonstrate how the effects of climate change on its region are factored into its RMS. • Reducing energy consumption, especially the energy embedded in water use, and ultimately reducing GHG emissions. • An evaluation of RMS and other adaptation strategies and ability of such strategies to eliminate or minimize those vulnerabilities, especially those impacting water infrastructure systems (2).	39	y/n	y	8.7 Adapting Resource Management Strategies to Climate Change (pp. 8-28 to 8-29)	-	y



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- (1) Requirement must be addressed per CWC §10540 (e)(1).
- (2) Requirement must be addressed per CWC §10540 (e)(10).

IRWM Plan Standard: Integration				Overall Standard Sufficient	
Requirement		Included		Evidence of Plan Sufficiency	
From IRWM 2016 Guidelines	IRWM 2016 Guidelines Page Number	y/n - Present/Not Present in the IRWM Plan. If y/n/q, qualitative evaluation needed.		Location of Standard in Grantee IRWM Plan	Brief Qualitative Evaluation
Contains structure and processes for developing and fostering integration ¹ : - Stakeholder/institutional - Resource - Project implementation	39	y/n/q	y	9.2 Integration (pp. 9-1 to 9-5)	Section 9.2 Integration describes how the Region defines integration, as well as methods used to promote and encourage integration.

1. If not included as an individual section use Governance, Project Review Process, and Data Management Standards per 2016 IRWM Guidelines, p. 52.

IRWM Plan Standard: Project Review Process				Overall Standard Sufficient		Yes
Requirement		Included		Evidence of Plan Sufficiency		Sufficient
From IRWM 2016 Guidelines	IRWM 2016 Guidelines Page Number	y/n - Present/Not Present in the IRWM Plan. If y/n/q, qualitative evaluation needed.		Location of Standard in Grantee IRWM Plan	Brief Qualitative Evaluation	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	39 - 40	y/n	y	9.3 Including Projects in the IRWM Plan (pg. 9-5); 9.4 IRWM Project Review (pg. 9-6); 9.4.1 IRWM Project Review and Selection Proce+F5:H12ss (pg. 9-6)	-	y
Does the project review process in the plan incorporate the following factors:						
How a project contributes to plan objectives	40	y/n	y	11.5.2 Methods to Evaluate Project Performance (Table 11-6) (pp. 11-35 to 11-36); 9.4.2 IRWM Project Scoring Content (pp. 9-10 to 9-11; Table 9-1)	-	y
How a project is related to Resource Management Strategies identified in the plan.	40	y/n	y	9.4.2 IRWM Project Scoring Content (Table 9-1) (pg. 9-11)	-	y
The technical feasibility of a project.	40	y/n	y	9.4.2 IRWM Project Scoring Content (Table 9-2) (pg. 9-12)	-	y
A projects specific benefits to a DAC water issue.	40	y/n	y	9.4.2 IRWM Project Scoring Content (Table 9-1) (pg. 9-11)	-	y
Environmental Justice considerations.	40	y/n	y	9.4.2 IRWM Project Scoring Content (Table 9-1) (pg. 9-11)	-	y
Project costs and financing	40	y/n	y	9.4.2 IRWM Project Scoring Content (Table 9-2) (pg. 9-12)	-	y
Address economic feasibility	40	y/n	y	9.4.2 IRWM Project Scoring Content (Table 9-2) (pg. 9-12)	-	y
Project status	40	y/n	y	9.4.2 IRWM Project Scoring Content (Table 9-2) (pg. 9-12)	-	y
Strategic implementation of plan and project merit	40	y/n	y	9.4.2 IRWM Project Scoring Content (Table 9-2) (pg. 9-12)	-	y

Status of the Project Proponent's IRWM plan adoption	40	y/n	y	6.5 Updating or Amending the IRWM Plan (pg. 6-27)	-	y
Project's contribution to reducing dependence on Delta supply (for IRWM regions receiving water from the Delta).	40	y/n	y	9.4.2 IRWM Project Scoring Content (Table 9-1) (pg. 9-11)	-	y
Project's contribution to climate change adaptation. <ul style="list-style-type: none"> •Include potential effects of Climate Change on the region and consider if adaptations to the water management system are necessary (1). •Consider the contribution of the project to adapting to identified system vulnerabilities to climate change effects on the region. •Consider changes in the amount, intensity, timing, quality and variability of runoff and recharge. •Consider the effects of SLR on water supply conditions and identify suitable adaptation measures. 	40	y/n	y	2.6 IRWM Goals (pg. 2-5); 9.4.2 IRWM Project Scoring Content (Table 9-1) (pg. 9-11)	-	y
Contribution of project in reducing GHGs compared to project alternatives. <ul style="list-style-type: none"> •Consider the contribution of the project in reducing GHG emissions as compared to project alternatives •Consider a project's ability to help the IRWM region reduce GHG emissions as new projects are implemented over the 20-year planning horizon. •Reducing energy consumption, especially the energy embedded in water use, and ultimately reducing GHG emissions. 	40	y/n	y	9.4.2 IRWM Project Scoring Content (Table 9-1 and Table 9-2) (pg. 9-11 to 9-13); OPTI Project Database "Planning for Climate Change"	-	y
Specific benefits to critical water issues for Native American tribal communities.	53	y/n	y	9.4.2 IRWM Project Scoring Content (Table 9-1) (pg. 9-11)	-	y

IRWM Plan Standard Requirements for 2016 IRWM Guidelines in Addition to Previously Required 2012 IRWM Guideline Requirements. See Appendix H in IRWM 2016 Guidelines.

(1) Requirement must be addressed per CWC §10540 (e)(10).

IRWM Plan Standard: Impact and Benefit				Overall Standard Sufficient	Yes	
Requirement		Included		Evidence of Plan Sufficiency	Sufficient	
IRWM 2016 Guidelines Requirement	IRWM 2016 Guidelines Page Number	y/n - Present/Not Present in the IRWM Plan. If y/n/q, qualitative evaluation needed.		Location of Standard in Grantee IRWM Plan	Brief Qualitative Evaluation	y/n
Discuss potential impacts and benefits of plan implementation within IRWM region, between regions, with DAC/EJ concerns and Native American Tribal communities	40	y/n	y	11.3.1 Potential Benefits and Impacts (Table 11-3) (pp. 11-14 to 11-20)	-	y
State when a more detailed project-specific impact and benefit analysis will occur (prior to any implementation activity)	55	y/n	y	11.3 Benefits and Impacts (pg. 11-12)	-	y
Review and update the impacts and benefits section of the plan as part of the normal plan management activities	55 - 56	y/n	y	11.5.1 Methods to Evaluate Plan Performance (pg. 11-32)	-	y

IRWM Plan Standard: Plan Performance and Monitoring				Overall Standard Sufficient	Yes	
Requirement		Included		Evidence of Plan Sufficiency	Sufficient	
IRWM 2016 Guidelines Requirement	IRWM 2016 Guidelines Page Number	y/n - Present/Not Present in the IRWM Plan. If y/n/q, qualitative evaluation needed.		Location of Standard in Grantee IRWM Plan	Brief Qualitative Evaluation	y/n
Contain performance measures and monitoring methods to ensure that IRWM objectives are met (1) .	40	y/n	y	11.5.2 Methods to Evaluate Project Performance (pp. 11-34 to 11-36); Table 11-6)	-	y
Contain a methodology that the RWMG will use to oversee and evaluate implementation of projects.	40	y/n	y	11.5.1 Methods to Evaluate Plan Performance (pg. 11-33)	-	y
Each project in the IRWM Plan is monitored to comply with all applicable rules, laws, and permit requirements.	58	y/n	y	11.5.2 Methods to Evaluate Project Performance (pp. 11-36)	-	y
Contain policies and procedures that promote adaptive management and, as more effects of Climate Change manifest, new tools are developed, and new information becomes available, adjust IRWM plans accordingly.	40	y/n	y	11.5.3 Adaptive Management (pp. 11-36 to 11-37)	-	y



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(1) Requirement must be addressed per CWC §10541 (e)(7).

IRWM Plan Standard: Data Management				Overall Standard Sufficient	
Requirement		Included		Evidence of Plan Sufficiency	
IRWM 2016 Guidelines Requirement	IRWM 2016 Guidelines Page Number	y/n - Present/Not Present in the IRWM Plan. If y/n/q, qualitative evaluation needed.		Brief Qualitative Evaluation	Yes Sufficient
					y/n
Describe data needs within the IRWM region	59 - 60	y/n	y	10.2.1 Data Needs (pg. 10-1 to 10-4)	- y
Describe typical data collection techniques	59 - 60	y/n	y	10.2.2.1 Typical Collection Techniques (pg. 10-5)	- y
Describe stakeholder contributions of data to a data management system	59 - 60	y/n	y	10.2.4 Data Management Objectives and Goals (pg. 10-16)	- y
Describe the entity responsible for maintaining data in the data management system	59 - 60	y/n	y	10.2.4 Data Management Objectives and Goals (pg. 10-15)	- y
Describe the QA/QC measures for data	59 - 60	y/n	y	10.2.4 Data Management Objectives and Goals (pg. 10-17)	- 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 (1).	59 - 60	y/n	y	10.2.3 IRWM Data Management System (pp. 10-12 to 10-13); 10.2.4 Data Management Objectives and Goals (pp. 10-13 to 10-17)	- y
Explain how the Data Management System supports the RWMG's efforts to share collected data	59 - 60	y/n	y	10.2.4 Data Management Objectives and Goals (pp. 10-13 to 10-17)	- 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).	59 - 60	y/n	y	10.2.2 Data Collection and Sources (pg. 10-6)	- y

(1) Requirement must be addressed per CWC §10541 (e)(12).

IRWM Plan Standard: Finance				Overall Standard Sufficient		
Requirement		Included		Evidence of Plan Sufficiency		
IRWM 2016 Guidelines Requirement	IRWM 2016 Guidelines Page Number	y/n - Present/Not Present in the IRWM Plan. If y/n/q, qualitative evaluation needed.		Location of Standard in Grantee IRWM Plan	Brief Qualitative Evaluation	Sufficient
						y/n
Include a programmatic level (i.e. general) plan for implementation and financing of identified projects and programs (1) including the following:	41	y/n	y	11.4 Finance (pg. 11-21)	-	y
List known, as well as, possible funding sources, programs, and grant opportunities for the development and ongoing funding of the IRWM Plan.	41	y/n	y	11.4.1 Plan Financing (pg. 11-21; Table 11-4)	-	y
List the funding mechanisms, including water enterprise funds, rate structures, and private financing options, for projects that implement the IRWM Plan.	41	y/n	y	11.4.2 Project Funding (pp. 11-24 to 11-31; Table 11-5)	-	y
An explanation of the certainty and longevity of known or potential funding for the IRWM Plan and projects that implement the Plan.	41	y/n	y	11.4.1 Plan Financing (Table 11-4) (pp. 11-22 to 11-23); 11.4.3 Project Financing Options (Table 11-5) (pp. 11-25 to 11-31)	-	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.	41	y/n	y	11.4.3 Project Financing Options (Table 11-5) (pp. 11-25 to 11-31)	-	y

(1) Requirement must be addressed per CWC §10541 (e)(8).

IRWM Plan Standard: Technical Analysis				Overall Standard Sufficient	
Requirement		Included		Evidence of Plan Sufficiency	
IRWM 2016 Guidelines Requirement	IRWM 2016 Guidelines Page Number	y/n - Present/Not Present in the IRWM Plan. If y/n/q, qualitative evaluation needed.		Location of Standard in Grantee IRWM Plan	Brief Qualitative Evaluation
Document the data and technical analyses that were used in the development of the plan (1) .	41	y/n	y	10.3.2 Technical Analysis and Method (pg. 10-19; Table 10-3)	-

(1) Requirement must be addressed per CWC §10541 (e)(11).

IRWM Plan Standard: Relation to Local Water Planning				Overall Standard Sufficient		
Requirement		Included		Evidence of Plan Sufficiency		
IRWM 2016 Guidelines Requirement	IRWM 2016 Guidelines Page Number	y/n - Present/Not Present in the IRWM Plan. If y/n/q, qualitative evaluation needed.		Location of Standard in Grantee IRWM Plan	Brief Qualitative Evaluation	Yes Sufficient y/n
Identify a list of local water plans used in the IRWM plan	41	y/n	y	Table 7-1 IRWM Relation to Local Water Management Planning (pg. 7-3)	-	y
Describe the dynamics between the IRWM plan and other planning documents	41	y/n	y	7.2.1 Coordination of Water Management Planning Activities (pp. 7-1 to 7-2)	-	y
Describe how the RWMG will coordinate its water mgmt planning activities	41	y/n	y	7.2.1 Coordination of Water Management Planning Activities (pp. 7-1 to 7-2)	-	y
Discuss how the plan relates to these other planning documents and programs. Same as 2012 GL with the following addition: "It should be noted that Water Code § 10562 (b)(7) requires the development of a stormwater resource plan and compliance with these provisions to receive grants for stormwater and dry weather runoff capture projects. Upon development of the stormwater resource plan, the RWMG shall incorporate it into IRWM plan. The IRWM Plan should discuss the processes that it will use to incorporate such plans." Minor wording differences - e.g. Groundwater Sustainability Plan example in the 2016 Guidelines instead of Groundwater Management Plan in the 2012 Guidelines.	63 - 64	y/n	y	7.7 Relation to Stormwater Resource Planning (pp. 7-33 to 7-36)	-	y
Consider and incorporate water management issues and climate change adaptation and mitigation strategies from local plans into the IRWM Plan.	63 - 64	y/n	y	7.9. Relation to Climate Change Planning (pp. 7-40 to 7-45)	-	y

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IRWM Plan Standard: Relation to Local Land Use Planning				Overall Standard Sufficient		
Requirement		Included		Evidence of Plan Sufficiency		
IRWM 2016 Guidelines Requirement	IRWM 2016 Guidelines Page Number	y/n - Present/Not Present in the IRWM Plan. If y/n/q, qualitative evaluation needed.		Location of Standard in Grantee IRWM Plan	Brief Qualitative Evaluation	Sufficient
		y/n	y			y/n
Document current relationship between local land use planning, regional water issues, and water management objectives	41	y/n	y	7.8.2 Current Relationship between Water Managers and Land Use Planning (pg. 7-33)	-	y
Document future plans to further a collaborative, proactive relationship between land use planners and water managers	41	y/n	y	7.8.3 Opportunities for Collaboration (pp. 7-33 to 7-34); Table 11-1 Implementation Commitments from Planning Study Recommendations (pp. 11-4 to 11-10)	-	y
Demonstrate information sharing and collaboration with regional land use planning in order to manage multiple water demands throughout the state, adapt water management systems to climate change, and potentially offset climate change impacts to water supply in California.	41	y/n	y	7.9.2 Current Climate Change Study Efforts (pp. 7-43 to 7-44); 7.9.3 Opportunities for Collaboration (pp. 7-44 to 7-45)	-	y



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IRWM Plan Standard: Stakeholder Involvement				Overall Standard Sufficient		
Requirement		Included		Evidence of Plan Sufficiency		
IRWM 2016 Guidelines Requirement	IRWM 2016 Guidelines Page Number	y/n - Present/Not Present in the IRWM Plan. If y/n/q, qualitative evaluation needed.		Location of Standard in Grantee IRWM Plan	Brief Qualitative Evaluation	Sufficient
						y/n
Discuss involvement of DACs and tribal communities in the IRWM planning effort	41 - 42	y/n	y	6.4.1 Environmental Justice and Disadvantaged Communities (pg. 6-19 to 6-23); 6.4.2 Native American Tribes (pg. 6-23 to 6-26)	-	y
Describe decision-making process and roles that stakeholders can occupy	41 - 42	y/n	y	6.3.2 Regional Advisory Committee (pp. 6-7 to 6-9); 6.3.3 Workgroups (pp. 6-9 to 6-11)	-	y
Discuss how stakeholders are necessary to address objectives and RMS	41 - 42	y/n	y	8.4 Current Application of Water Management Strategies in Region (pp. 8-6 to 8-23); 11.5 Plan Performance and Monitoring (pp. 11-23 to 11-34)	-	y
Discuss how a collaborative process will engage a balance in interest groups	41 - 42	y/n	y	6.3.2 Regional Advisory Committee (pp. 6-7 to 6-9)	-	y
Contain a public process that provides outreach and opportunity to participate in the IRWM plan (1). Per 2016 GL: "Native American tribes – It should be noted that tribes are sovereign nations, and as such coordination with tribes is on a government-to-government basis."	41 - 42	y/n	y	6.3.2 Regional Advisory Committee (pp. 6-7 to 6-9)	-	y
Identify process to involve and facilitate stakeholders during development and implementation of IRWM plan regardless of ability to pay; include description of any barriers to involvement (2). "Stakeholder Involvement" in the 2012 GL is referred to "Native American Tribe and Stakeholder Involvement" in the 2016 GL and Tribes are referred to specifically.	41 - 42	y/n	y	6.4.1 Environmental Justice and Disadvantaged Communities (pp. 6-19 to 6-23); 6.4.2 Native American Tribes (pp. 6-23 to 6-26)	-	y

IRWM Plan Standard Requirements for 2016 IRWM Guidelines in Addition to Previously Required 2012 IRWM Guideline Requirements. See Appendix H in IRWM 2016 Guidelines.

(1) Requirement must be addressed per CWC §10541 (g).

(2) Requirement must be addressed per CWC §10541 (h)(2).

IRWM Plan Standard: Coordination				Overall Standard Sufficient	Yes	
Requirement		Included		Evidence of Plan Sufficiency	Sufficient	
IRWM 2016 Guidelines Requirement	IRWM 2016 Guidelines Page Number	y/n - Present/Not Present in the IRWM Plan. If y/n/q, qualitative evaluation needed.		Location of Standard in Grantee IRWM Plan	Brief Qualitative Evaluation	
Identify the process to coordinate water management projects and activities of participating local agencies and stakeholders to avoid conflicts and take advantage of efficiencies (1).	42	y/n	y	9.2.6 Methods Used to Promote and Encourage Integration (pg. 9-4 to 9-5)	-	y
Identify neighboring IRWM efforts and ways to cooperate or coordinate, and a discussion of any ongoing water management conflicts with adjacent IRWM efforts	42	y/n	y	3.12 Neighboring and/or Overlapping IRWM Efforts (pg. 3-100 to 3-102)	-	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.	42	y/n	y	Table 7-2 Other State and Federal Agencies with an Interest in IRWM (pg. 7-4 to 7-5)	-	y

(1) Requirement must be addressed per CWC §10541 (e)(13).

IRWM Plan Standard: Climate Change				Overall Standard Sufficient		Yes
Requirement		Included		Evidence of Plan Sufficiency		Sufficient
IRWM 2016 Guidelines Requirement	IRWM 2016 Guidelines Page Number	y/n - Present/Not Present in the IRWM Plan. If y/n/q, qualitative evaluation needed.		Location of Standard in Grantee IRWM Plan	Brief Qualitative Evaluation	y/n
Contain a plan, program, or methodology for further data gathering and analysis of prioritized vulnerabilities.	42 - 44	y/n	y	11.2.1 Implementation Action Plans for Regional Priorities (pg. 11-1); Table 11-1 (pp. 11-6 to 11-7); Table 11-2 (pg. 11-9)	-	y
Include climate change as part of the project review process.	42 - 44	y/n	y	Table 9-1 (pg. 9-11); Table 9-2 (pg. 9-12); 2.6 IRWM Goals (Goal 4) (pp. 2-13 to 2-14)	-	y
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 (1). Addition in 2016 GL - "At a minimum, the vulnerability evaluation must be equivalent to the vulnerability assessment contained in the Climate Change Handbook for Regional Water Planning, Section 4 and Appendix B."	42 - 44	y/n	y	7.9 Relation to Climate Change Planning (pp. 7-40 to 7-45)	-	y
Provide a process that considers GHG emissions when choosing between project alternatives (1). Addition in 2016 GL - "At a minimum, that process must determine a project's ability to help the IRWM region reduce GHG emissions as new projects are implemented over a 20-year planning horizon and consider energy efficiency and reduction of GHG emissions when choosing between project alternatives."	42 - 44	y/n	y	9.4.2 IRWM Project Scoring Content (Table 9-1 and Table 9-2) (pg. 9-11); OPTI Project Database "Planning for Climate Change"	-	y
Include a list of prioritized vulnerabilities based on the vulnerability assessment and the IRWM's decision making process. Addition in 2016 GL - "A list of prioritized vulnerabilities which includes a determination regarding the feasibility for the RWMG to address the priority vulnerabilities."	42 - 44	y/n	y	Table 7-16 Prioritized Climate Change Vulnerability Issues (pg. 7-42)	-	y
Address adapting to changes in the amount, intensity, timing, quality, and variability of runoff and recharge.	42 - 44	y/n	y	2.7 IRWM Objectives (Objective G)(pg. 2-13); 2.7.2 Climate Change Considerations (pp. 2-17 to 2-18)	-	y
Areas of the State that receive water imported from the Sacramento-San Joaquin River Delta, the area within the Delta, and areas served by coastal aquifers must also consider the effects of sea level rise (SLR) on water supply conditions and identify suitable adaptation measures.	42 - 44	y/n	y	Table 7-17 Climate Change Management Strategies (pg. 7-43)	-	y

Requirements. See Appendix H in IRWM 2016 Guidelines.

(1) Requirement must be addressed per CWC §10541 (e)(9).