



San Luis Obispo County Region
Integrated Regional Water Management (IRWM)
Regional Water Management Group (RWMG)

Date: November 14, 2019
Time: 10:00 AM – 12:00 PM
Location: SLO City Council Chambers
990 Palm St, San Luis Obispo, CA

- 1) Introduction, Public Comment and Member Updates
- 2) Grants Update
 - a) Prop 84 & Prop 1
- 3) 2019 IRWM Plan Update (see staff report, pg 2)
 - a) Submittal to DWR, Public Comment Period, Adoption, etc.
 - b) Consider endorsing proposed submittal, review and adoption schedule for the Plan
 - c) Consider forming an RWMG Working Group to review the Draft plan and assist in comment response from DWR, the public and others
- 4) Looking Ahead to 2020 (see staff report, pg 31)
 - a) Discuss Plan Implementation activities

NOTICE: All IRWM notices will be emailed only by the online mailing list service. Please sign-up for the IRWM Stakeholder mailing list online at <http://www.slocounty.ca.gov/irwm>

For more information, please contact
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TO: IRWM Regional Water Management Group
FROM: Brendan Clark, Water Resources Engineer
DATE: November 8th, 2019
SUBJECT: Item #3: IRWM Plan Update

Recommended Actions

1. Consider endorsing the proposed submittal, review and adoption schedule for the Plan.
2. Consider forming an RWMG Working Group to review the Draft plan and assist in comment response from DWR, the public and others.

Discussion

1. Significant Changes from 2014 Plan
2. Submittal, Review and Adoption Schedule

1. Significant Changes from 2014 Plan

A summary table of changes section by section is included as Attachment 1. The 2019 Plan is, in general, an update to the 2014, rather than a complete re-write and is the culmination of 3 years of work by County staff, RWMG members and consultants.

The most significantly updated sections include Governance, Region Description, Project Selection Process, and Climate Change.

Section 2 – Governance. This section was updated to include stakeholder integration and plan implementation activities, as suggested by the State Guidelines. Additionally, the 2014 “Appendix C – the Outreach and Communications Plan” was moved in Section 2 of the 2019 Plan. In reviewing these individual sections, staff found significant overlap of text and sought to reduce the bulk of plan by focusing the text where possible.

Section 3 – Region Description. This section was updated reflect **6** Water Planning Areas (WPAs) rather than the previous Plan’s 16. These 6 WPAs allow for better regional planning and discussion and represent areas in unique watersheds. This will be increasingly important as a planning tool into the future in not only recognizing but utilizing the watershed/groundwater basin relationship. Additionally, updates were made to better align with SGMA as well as implementing the County’s shift from CalWater watershed definitions to USGS, which are generally truer to actual drainage patterns and lean less on political boundaries. Specifically, the County uses USGS Hydrologic Unit (HU) 8 to define the Water Planning Areas and our groupings of HU 12 to define 25 SLO County watersheds.

Section 6 – Project Selection Process. This section documents and reflects the updated project selection process employed by the RWMG for the full project list, the implementation list and responding grant opportunities. In response to the Prop 1 Round 1 Grant opportunity, and looking ahead to additional opportunities, the Plan includes flexibility for the RWMG to consider critical needs and local priorities in the grant project selection process. It is expected for the

next grant opportunity the RWMG will establish a metric and/or set of priorities for projects to be evaluated against, in addition to the State's eligibility requirements, preferences and priorities for that particular opportunity.

Section 14 - Climate Change. In 2017 and early 2018 the RWMG and interested stakeholders participated in various surveys and RWMG meetings, culminating with the Climate Change Vulnerability workshop in January 2018. Section 14 and the associated Appendix J were updated to reflect these efforts, responses and the intersection of the Plan goals, objectives, the State's resource management strategies and the prioritized climate change vulnerabilities.

2. Submittal, Review and Adoption Schedule

Staff has compiled a proposed submittal, review and adoption schedule for the Plan. This schedule allows for simultaneous review and comment of the plan by DWR and our local RWMG, stakeholders and members of the public. Additionally, DWR's review includes a public review and comment period which they facilitate. Staff intends to compile DWR's comments and our local process' comments into one plan to be used for adoption by the SLO County Flood Control and Water Conservation District and subsequently the individual members of the RWMG. This schedule complies with the eligibility requirements of the Prop 1 Round 1 grant, where the updated Plan must be submitted to DWR prior to or with the grant application.

Regarding RWMG meetings, staff has generally taken the approach to convene the group only at decision points. This has been in respect to the schedules and travel-times of various members and stakeholders. Staff is reluctant to hold meetings that appear to be only information sharing or updates that could take place via an email.

This schedule is included as Attachment 2.

3. Staff Recommendation

Staff recommends the RWMG consider endorsing the proposed submittal, review and adoption schedule for the Plan.

Additionally, staff recommends the RWMG consider forming an RWMG Working Group to review the Draft plan and assist in comment response from DWR, the public and others. It is anticipated this Working Group will meet 2-3 times between December 2019 and April 2020.

Attachments

1. Summary Table of Changes from 2014 Plan to 2019 Plan
2. SLO County IRWM 2020 Schedule
3. Appendix L - State Guidelines Table

References

1. DWR IRWM Planning Guidelines: https://water.ca.gov/-/media/DWR-Website/Web-Pages/Work-With-Us/Grants-And-Loans/IRWM-Grants/Files/P1-Guidelines/2016Prop1IRWMGuidelines_FINAL_07192016.pdf?la=en&hash=C162514F319DE47DAF69A022B765DC6E3BB4727B

2019-2020 IRWM Schedule

The following meetings, workshops, and actions are scheduled to achieve adoption of the 2019 Integrated Regional Water Management (IRWM) Plan and facilitate IRWM in San Luis Obispo County.

For notices via e-mail, please sign up for the IRWM Stakeholder Mailing List online at <http://www.slocounty.ca.gov/irwm>

Date	Activity	Location	Key Actions
2019			
November 14	RWMG Meeting	SLO City Council Chambers	<i>IRWM Plan Review and Adoption Schedule</i>
December 4	RWMG Meeting, if necessary	SLO City/County Library Community Room	<i>TBD</i>
December 6	Submittal of unadopted 2019 IRWM Plan to DWR for review		
2020			
January 1, 2020	No RWMG Meeting		
January 28	Public Comment period opens for IRWM Plan		
February TBD	Public Presentation(s)		
March 2	Public comment period closes for IRWM Plan		
April 1	RWMG Meeting	SLO City/County Library Community Room	<i>IRWM Plan Adoption</i>
May 6	WRAC Meeting	SLO City/County Library Community Room	<i>IRWM Plan Adoption</i>
June 3	RWMG Meeting	SLO City/County Library Community Room	<i>TBD</i>
June TBD 2020	Re-adoption by Board of Supervisors of the SLO County Flood Control and Water Conservation District		
Summer/Fall 2020	Adoption by RWMG Member Boards		
September 2	RWMG Meeting	SLO City/County Library Community Room	<i>TBD</i>
November 4	RWMG Meeting	SLO City/County Library Community Room	<i>TBD</i>

RWMG = Regional Water Management Group

WRAC = Water Resources Advisory Committee

SLO City/County Library Community Room is located at 995 Palm Street in San Luis Obispo, CA

SLO City Council Chambers is located at 990 Palm St, San Luis Obispo, CA 93401

County of SLO Board of Supervisors Chambers is located at 1055 Monterey Street in San Luis Obispo, CA

Summary of Changes 2014 IRWM Plan to 2019 IRWM Plan

This table is a high-level summary of the changes made in updating the 2014 IRWM Plan to the 2019 IRWM Plan. The District encourages reviewing **Appendix L – State Guidelines Requirements Table** to see the extensive list of DWR requirements for the plan, what section meets the requirement and a brief qualitative explanation.

Section	Title	Type of change, if any	Description
1	Introduction	Minor	General updates. No structural changes to section.
2	Governance and Stakeholder Involvement	Significant	Section now includes Stakeholder Integration and Plan Implementation subsections to meet Guidelines.
3	Region Description	Significant	Transitioned Watersheds section from CalWater boundaries to USGS Hydrologic Units. Added a subsection for water quality issues, per Guidelines. Updated Groundwater subsection to reflect SGMA.
4	IRWM Goals and Objectives	Minor	Updated goals and objectives to reflect SGMA. Updated survey information.
5	Resource Management Strategies	Significant	Removed "water management strategies" and integrated the State's "Resource Management Strategies"
6	Project Review Process	Significant	Overhauled based on RWMG efforts in 2018 and 2019 regarding the Implementation List and Grant Opportunity List processes.
7	Plan Benefits and Impacts	Minor	Updated to reflect current project list, no structural changes to section.
8	Plan Performance and Monitoring Results	Minor	Updated to reflect current project list, no structural changes to section.
9	Data Management	Minor	Updated to reflect current practices and upcoming new systems, no structural changes to section.
10	Financing Strategies	Minor	Updated to reflect current opportunities and project list, no structural changes to section.
11	Technical Analysis	Minor	Updated to reflect latest technical studies and reports, no structural changes to section.
12	Relation to Local Water and Land Use Planning	Minor	Updated to include GSP efforts and latest agency documents (i.e. UWMPs)
13	Planning Coordination	Minor	Updated with latest funding area and regional coordination, also reflects GSA formation across region
14	Climate Change	Significant	Overhauled based on Guidelines requirements. Added the Vulnerability Assessment and Prioritization as required.

APPENDIX L – STATE GUIDELINES REQUIREMENT TABLE

DRAFT

IRWM Plan Standard: Governance					
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	1.1.3 2.1.1 Appendix A Appendix B	Members adopted to be added after adoption	
A description of the IRWM governance structure including a discussion of whether or how Native American tribes will participate in the RWMG.	37	y	2.1.8 2.2.1 Figure 2-2 Appendix B	2.1.8 Discusses California Native American Tribes participation and coordination with the RWMG. Figure 2-2 depicts governance structure.	
A description of how the chosen form of governance addresses and insures:					
Public outreach and involvement processes	37	y	2.1.8 2.3 Appendix C Appendix D	Section 2.3 discusses the stakeholder involvement and public outreach process. Appendices C and D include the materials.	
Effective decision making	37	y	2.2.2 Figure 2-2	-1.1.2 identifies the use of a planning grant from DWR to develop the 2019 IRWM Plan. -RWMG Working Group and Workshops -Public Outreach to Disadvantaged Communities (DACs)	
Balanced access and opportunity for participation in the IRWM process	37	y	2.2.1 Figure 2-2	The Governance structure shows four levels of participation involving all stakeholders and interested groups.	
Effective communication – both internal and external to the IRWM region	37	y	2.3 13.2	2.3 describes internal communication 13.2 describes external communication	
Long term implementation of the IRWM Plan	37	y	2.5.1 2.5.2	Discusses the long-term implementation of the Plan. Also, IRWM Plan implementation will be monitored as discussed in Section J, Plan Performance and Monitoring.	

Coordination with neighboring IRWM efforts and State and federal agencies	37	y	13.2 13.3	Discusses the coordination efforts with neighboring IRWMs and state and federal agencies. They participate in the Roundtable of Regions meeting conference calls, and meet with neighboring IRWMs that overlap and have similar water-related concerns. They coordinate with USACE, RWQCB, SWB, and DWR.
The collaborative process(es) used to establish plan objectives	38	y	4.3	Section 4.3 discusses the collaboration efforts and processes that were used to vet and establish Plan Objectives. Section 4.3 specifically discusses the process and determination of the goals and objectives and how they were envisioned and developed with stakeholder input throughout the process.
How interim changes and formal changes to the IRWM Plan will be performed	38	y	2.5.2	Section 15 discusses how interim and formal changes to the IRWM Plan will be performed, including the process for updating the lists of projects.
Updating or amending the IRWM Plan	38	y	2.5.2	Figure 15 illustrates the Plan Update schedule and shows the activates that require Plan re-adoption

IRWM Plan Standard: Region Description					
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	3.9.7 5.3.5.1 5.3.20.1	Prioritization of alternative water sources and water conservation measures taken to reduce dependence are discussed in 3.9.7 and 5.3.20.1. Impacts on region regarding new storage reservoirs north of the Delta are discussed in 5.3.5.1	
Describe watersheds and water systems	38	y	3.5 3.6 3.9 3.10	Major infrastructure that provides water throughout the San Luis Obispo is described in 3.9. 3.10 provides information on the 25 defined watersheds within the San Luis Obispo Region. 3.5 describes groundwater infrastructure 3.6 focuses on wastewater systems in the area.	
Describe internal boundaries	38	y	3.3 3.4 3.7	Sections 3.3 and 3.4 describe the Region's division into sub-regional planning areas and into Water Planning Areas. Section 3.7 describes the boundaries of the Flood Control District in the Region.	
Describe water supplies and demands for minimum 20 year planning horizon	38	y	Appendix E	Appendix E provides a discussion of the current and projected water supply and demand for the SLO Region through 2040.	
Describe social and cultural makeup, including specific information on DACs and tribal communities in the region and their water challenges.	38	y	3.15 3.16	Section 3.15 describes DACs and their respective water issues. 3.16 describes tribal communities in SLO County.	
Describe major water related objectives and conflicts (1).	38	y	3.14 4.4 Table 4-2 4.6 Table 4-3 to Table 4-7	3.14 discusses the water challenges for all three sub-regions. Sub-region priorities are set by the local objectives. 4.4 and 4.6 and their respective tables discuss plan objectives.	

Explain how IRWM regional boundary was determined and why region is an appropriate area for IRWM planning.	38	y	3.2	Defining the IRWM region as the County has enabled them to use existing infrastructure management systems, funding mechanisms, partnerships, and planning documents, and seems to have made it more efficient overall.
Describe neighboring and/or overlapping IRWM efforts	38	y	13.2	Section 13.2 explains the coordination, agreements, and partnerships between the SLO Region and surrounding regions under the same Central Coast funding area
Explain how opportunities are maximized (e.g. people at the table, natural features, infrastructure) for integration of water management activities	38	y	13.1	Use of the IRWM's existing outreach program as a means to keep agencies and interest groups informed and therefore maximize opportunities is explained in this section.
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	3.11 3.13.1 to 3.13.3	Section 3.11 provides water quality evaluation and analysis for all AB 1249 contaminants and the actions taken or needed to address any identified contamination in the Region. Sections 3.13.1 to 3.13.3 describe water quality conditions in the three sub-regions.
Describe likely Climate Change impacts on their region as determined from the vulnerability assessment.	38	y	13.13 14.8	Section 14.8 provides an overview of regional climate change impacts.

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

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					
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	4.2.2 Table 4-1 4.4 Figure 4-4	Table 4-1 outlines specific California water code requirements and consistency with the IRWM plan. Figure 4-4 provides a summary of IRWM goals, objectives, and sub-region priorities.	
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	4.3	Section 4.3 describes the Region-wide surveys, formation of working groups, and other approaches taken by the Region to establish the 2018 objectives.	
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	4.6 Table 4-3 to Table 4-7	Section 4.6 provides the intended qualitative and quantitative metrics, as appropriate and practical, for each objective. The qualitative and quantitative measurements for each of the objectives is shown in Tables 4-3 through 4-7, broken down by the 5 Plan Goals.	
Explain how objectives are prioritized or reason why the objectives are not prioritized	50	y	4.3.2	The RWMG has decided not to prioritize the IRWM Plan Objectives on a regional level, but to prioritize locally driven objectives that are tied to the IRWM Plan's Objectives at the designated sub-regional level.	
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	4-4 Figure 4-4	Section 2.3 discusses the stakeholder involvement and public outreach process. Appendices C and D include the materials.	

Address adapting to changes in the amount, intensity, timing, quality and variability of runoff and recharge.	39	y	4.4.4 14.7 14.12.6	-1.1.2 identifies the use of a planning grant from DWR to develop the 2019 IRWM Plan. -RWMG Working Group and Workshops -Public Outreach to Disadvantaged Communities (DACs)	
Consider the effects of sea level rise (SLR) on water supply conditions and identify suitable adaptation measures.	39	y	4.3.4 14.6 14.12.5	Section 4.3.4 describes the climate change vulnerability assessment the Region has conducted, which include SLR as an effect of climate change. Section 14.6 is dedicated to SLR, it's causes and estimates for projected rises based on various scenarios. Section 14.12.5 focuses on future data gathering and analysis related to SLR.	
Reducing energy consumption, especially the energy embedded in water use, and ultimately reducing GHG emissions.	39	y	14.13.2	This section focuses on climate change mitigation analysis for each of the implementation projects. Considerations in the analysis include reduction in GHG emissions, and reduction in energy consumption.	
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	14.11 Table 14.10	Table 14.10 presents plan objectives related to climate change requirements, including strategies of CARB's scoping plan.	
Consider options for carbon sequestration and using renewable energy where such options are integrally tied to supporting IRWM Plan objectives.	39	y	Table 14-10 Table 14.12	Table 14.10 presents plan objectives related to climate change requirements, including options for carbon sequestration and renewable energy. Table 14.12 presents resource management strategies related to mitigation strategies, including carbon sequestration.	

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)					
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
Address which RMS will be implemented in achieving IRWM Plan Objectives (1).	39	y	5.2 Table 5-1	Table 5-1 provides the list of RMS adopted by the Region.	
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	5.2 Table 5-2	Table 5-2 presents the DWR management objectives, the applicable RMS, and the corresponding the Region's IRWM objectives.	
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	Table 5-2 5.2.2 5.3.5 5.3.12 5.3.16 5.3.21 5.3.22 14.11	Climate change is referenced throughout the RMS section in discussing project elements. Table 5-2 includes climate change as part of the RMS evaluation.	

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

IRWM Plan Standard: Integration					
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
Contains structure and processes for developing and fostering integration ¹ : <ul style="list-style-type: none"> - Stakeholder/institutional - Resource - Project implementation 	39	y	2.4 5.3.20 5.3.22 6.6	Section 2.4 contains information on stakeholder and institutional integration Section 5.3.20 and 5.3.22 contain information on resource integration Section 6.6 contains information on project implementation	

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					
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	6.2 6.5	Section 6.2 describes the criteria, process, and development of the full project list including submittal and review of projects. Section 6.5 describes procedures for project list communication and updates.	
Does the project review process in the plan incorporate the following factors:					
How a project contributes to plan objectives	40	y	6.3.2 Table 6-4	The table presents scoring guidelines for each project, that includes scoring for how many plan objectives a project contributes to.	
How a project is related to Resource Management Strategies identified in the plan.	40	y	6.3.2 Table 6-4	The table presents scoring guidelines for each project, guidelines include scoring for how many Resource Management Strategies a project includes.	
The technical feasibility of a project.	40	y	6.3.2 Table 6.4	The table presents the implementation list scoring rubric. One of the criteria included is technical feasibility of the project.	
A projects specific benefits to a DAC water issue.	40	y	6.3.2 Table 6-4	The table presents the implementation list scoring rubric. Criteria includes project's ability to address critical water issues of a DAC.	
Environmental Justice considerations.	40	y	6.3.2 Table 6-4	The table presents the implementation list scoring rubric. Criteria includes project's consideration of environmental justice.	
Project costs and financing	40	y	6.3.2 Table 6-4	The table presents the implementation list scoring rubric. Criteria includes project costs and financing.	
Address economic feasibility	40	y	6.3.2 Table 6-4	The table presents the implementation list scoring rubric. Criteria includes economic feasibility.	
Project status	40	y	6.3.2 Table 6-4	The table presents the implementation list scoring rubric. Criteria includes project status and readiness of project to proceed.	

Strategic implementation of plan and project merit	40	y	6.3.2 Table 6-4	The table presents the implementation list scoring rubric. Criteria includes strategic considerations for IRWM Plan Implementation.
Status of the Project Proponent's IRWM plan adoption	40	y	6.2.1 Table 6-1	This table presents the full project screening criteria with one of the criteria being plan adoption.
Project's contribution to reducing dependence on Delta supply (for IRWM regions receiving water from the Delta).	40	y	6.3.2 Table 6-4	The table presents the implementation list scoring rubric. Criteria includes a project's ability to reduce dependence on the Delta.
Project's contribution to climate change adaptation. •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	6.3.2 Table 6-4	The table presents the implementation list scoring rubric. Criteria includes scoring on a project's ability to mitigate and adapt to climate change including, how many climate vulnerabilities are addressed, sea level rise, and addressing runoff and recharge.
Contribution of project in reducing GHGs compared to project alternatives. •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	6.3.2 Table 6-4	The table presents the implementation list scoring rubric. Criteria includes scoring on a project's ability to mitigate and adapt to climate change including, if the project reduces GHG emissions compared to other projects, if energy consumption is reduced, and if GHGs are reduced on a 20-year planning horizon.
Specific benefits to critical water issues for Native American tribal communities.	53	y	6.3.2 Table 6-4	The table presents the implementation list scoring rubric. Criteria includes scoring on a project's consideration of environmental justice issues, including scoring specific to addressing critical water issues of Native American Tribal communities.

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					
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	7.2 Table 7-6 to Table 7-10	Tables 7-6 through 7-10 identify the general benefits and impacts project proponents should be aware of, benefits and impacts concerning DAC, EJ, and Native American Tribal communities are included in the tables.	
State when a more detailed project-specific impact and benefit analysis will occur (prior to any implementation activity)	55	y	7.5	Section 7.5 contains tables with the benefits and impacts of implementation list projects.	
Review and update the impacts and benefits section of the plan as part of the normal plan management activities	55 - 56	y	7 (intro.) 8.1	The intro of section 7 explains how the impacts and benefits section of the plan will be reviewed and updated. Section 8.1 describes the IRWM plan monitoring and performance strategy, including reviews and updates throughout the plan.	

IRWM Plan Standard: Plan Performance and Monitoring					
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	8.2 Table 8-1 to Table 8-5	Section 8 discusses the Goals and Objectives of the Plan and provide a quantitative or qualitative performance measure to assess the Objectives. Section 8.2 and Tables 8-1 through 8-5 combine the measures and discuss the monitoring methodology for each objective.	
Contain a methodology that the RWMG will use to oversee and evaluate implementation of projects.	40	y	8.4 8.4.2	Section 8.4 describes the District's responsibility in working with the RWMG, stakeholders, and monitoring agencies to oversee and evaluate implementation of projects.	
Each project in the IRWM Plan is monitored to comply with all applicable rules, laws, and permit requirements.	58	y	8.5	Section 8.5 describes the quarterly reporting required of implementing agencies. Quarterly reports include reporting of compliance with rules, laws and permit requirements.	
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	8.4.5	Section 8.4.5 describes the regular review and updates of the IRWM Plan by the RWMG. The reviews are conducted annually and dedicated to climate change evaluation.	

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)(7).

IRWM Plan Standard: Data Management					
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
Describe data needs within the IRWM region	59 - 60	y	9.3	Section 9.3 describes the data needs for the Region, the source that will supply it, how it is collected, and its applicability for upload to a state or federal database system.	
Describe typical data collection techniques	59 - 60	y	9.4 Table 9-2	Table 9-2 presents the data needs of the plan and the data collection descriptions associated with each.	
Describe stakeholder contributions of data to a data management system	59 - 60	y	9.6.2	Section 9.6.2 describes the future use of a GIS web-enabled tool for collecting, sharing, and storing of data in the SLO region. Tool will be used by the District and stakeholders.	
Describe the entity responsible for maintaining data in the data management system	59 - 60	y	9.4.1	San Luis Obispo County Flood Control and Water Conservation District (District)	
Describe the QA/QC measures for data	59 - 60	y	9.5 9.7.1.1	Section 9.5 describes the quality assurance and quality control measures used in completing tasks related to data management. Section 9.7.1 describes the requirement for MS4 permittees to develop a Monitoring and Reporting Plan (MRP) for Regional Water Board Approval.	
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	9.6 9.7.1	Section 9.6 explains the anticipated new GIS tool that will allow data to be transferred and shared between the RWMG, stakeholders and local, state, and federal agencies. Section 9.7.1 explains the possibility of using a Coordinated Integrated Monitoring Program as a shared approach to data management.	
Explain how the Data Management System supports the RWMG's efforts to share collected data	59 - 60	y	9.6 9.7.1	The data management system has features that allow the RWMG and stakeholders to input, share and access data in a secure and confidential manner. A coordinated (CIMP) program allows a shared approach to sampling, laboratory analysis, data management, and compliance reporting.	

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	9.7.1	The District currently participates in state data management programs (e.g., CASGEM groundwater elevations, GeoTracker local remedial clean-up sites, etc.).	
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(1) Requirement must be addressed per CWC §10541 (e)(12).

IRWM Plan Standard: Finance					
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
Include a programmatic level (i.e. general) plan for implementation and financing of identified projects and programs (1) including the following:	41	y	Section 10	Section 10 provides an overview of Federal, State and local fundings for the long-term development and funding of the IRWM Plan implementation.	
List known, as well as, possible funding sources, programs, and grant opportunities for the development and ongoing funding of the IRWM Plan.	41	y	10.3 Table 10-4	Table 10-4 describes the funding opportunity resources. Resources include SWRCB Grants and Loans, DWR Grants and Loans, CNRA Grants, CNRA Statewide Bonds, Grants.gov, and SAM.gov	
List the funding mechanisms, including water enterprise funds, rate structures, and private financing options, for projects that implement the IRWM Plan.	41	y	10.2	See Table 10-2	
An explanation of the certainty and longevity of known or potential funding for the IRWM Plan and projects that implement the Plan.	41	y	10.1.1	See Table 10-2	
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	10.1.1 10.2	See Table 10-2	

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

IRWM Plan Standard: Technical Analysis					
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
Document the data and technical analyses that were used in the development of the plan (1) .	41	y	Section 11	This section provides a discussion of the technical analysis of technical information sources and data sets, how the information represents current conditions, and any data gaps in information along with how the Plan will bridge the data gaps.	

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

IRWM Plan Standard: Relation to Local Water Planning					
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
Identify a list of local water plans used in the IRWM plan	41	y	12.2 Table 12-1	Table 12-1 presents the major planning documents utilized for IRWM planning and their relation to the IRWM Plan. Section 12.2 explains linkages with general plans, UWMPs, Master Plans, etc.	
Describe the dynamics between the IRWM plan and other planning documents	41	y	Table 12-2 12.2	Table 12-2 presents the IRWM Plan water management strategies contained in planning documents. Section 12.2 explains the linkages between the IRWM Plan and the other plans used.	
Describe how the RWMG will coordinate its water mgmt planning activities	41	y	12.6.3 Table 12-5	Local agencies and stakeholders are being asked to make changes in their planning policies and heighten the importance of their technical reporting requirements to adhere to local, state, and federal policies and requirements. Table 12-5 provides a short list of the IRWM Plan's needs and methods of communication.	

<p>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.</p>	63 - 64	y	12.4 12.4.3	12.4 discusses the use of a Data Enhancement Plan, Flood Management Plan, Groundwater Banking Plan, and Regional Permitting Plan and their relation to the IRWM plan. 12.4.3 identifies the relation between the plan and the Stormwater Resource Plan.	
<p>Consider and incorporate water management issues and climate change adaptation and mitigation strategies from local plans into the IRWM Plan.</p>	63 - 64	y	Table 12-2 12.2.4	Table 12-2 presents the IRWM Plan water management strategies contained in planning documents. Section 12.2.4 describes the Plan's linkages with Urban Water Management Plans to assess water supply needs.	



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

IRWM Plan Standard: Relation to Local Land Use Planning					
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
Document current relationship between local land use planning, regional water issues, and water management objectives	41	y	Section 12	The IRWM Plan integrates land use planning strategies into the strategic mix for water resource management and relies on close collaboration and coordination with the region's land use planning agencies.	
Document future plans to further a collaborative, proactive relationship between land use planners and water managers	41	y	12.3 12.5 12.6 12.6.3	Section 12.3 includes examples where local planning documents and policies satisfy the IRWM Planning Goals. Section 12.5 includes the relationship between the IRWM Plan and its consistency with local land use plans and its support through local decisions. Sections 12.6 and 12.6.3 describe the IRWM Plan as an extension to local land use plans in an effort to resolve potential conflicts through consensus-based solutions between RWMG and local water planning leaders.	
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	12.2 12.2.4 Table 12-1 Table 12-2	Sections 12.2 and 12.2.4 include discussion on linkage of the Plan with local water and land planning studies. Tables 12-1 and 12-2 include planning documents used for the IRWM Plan. Documents contain information on climate change adaption and its relation to water supply in California.	

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

IRWM Plan Standard: Stakeholder Involvement					
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 involvement of DACs and tribal communities in the IRWM planning effort	41 - 42	y	2.1.8 2.3.3 2.3.4 Appendix D	Section 2.1.8 is dedicated to RWMG coordination with Native American Tribes in the region. Section 2.3.3 describes DAC involvement and 2.3.4 discusses Native American Tribes Outreach. Appendix D is dedicated to Tribal outreach.	
Describe decision-making process and roles that stakeholders can occupy	41 - 42	y	2.2.2	Decisions are made by simple majority vote at the RWMG meetings and then elevated to the Lead Agency Board of Supervisors as needed for final approval and coordination with DWR. Section 2.2.2 discusses the decision making process in more detail.	
Discuss how stakeholders are necessary to address objectives and RMS	41 - 42	y	2.3	Stakeholder involvement ensures education, awareness, balanced opportunity to participate, and clear communication conduits.	
Discuss how a collaborative process will engage a balance in interest groups	41 - 42	y	2.1	Governance determines the processes and organization used to exercise power, make decisions, and hold the decision-makers accountable throughout the implementation and updating of the IRWM plan. Native American Tribe and stakeholder involvement as well as public outreach and participation are essential for successful governance.	
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	2.1.8 2.3 Appendix C Appendix D	Section 2.3 discusses the stakeholder involvement and public outreach process. Appendices C and D include the materials.	

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	1.1.2 2.1.3 2.3	-1.1.2 identifies the use of a planning grant from DWR to develop the 2019 IRWM Plan. -RWMG Working Group and Workshops -Public Outreach to Disadvantaged Communities (DACs)	
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IRWM Plan Standard Requirements for 2016 IRWM Guidelines in Addition to Previously Required 2012 IRWM Guideline Requirements. See Appendix H in IRWM 2016 Guidelines.

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					
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	13.1 13.2 13.5	The Plan discusses pre-project coordination and early engagement in addition to the the IRWM Plan's outreach program to avoid conflicts.	
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	13.2 13.5	Section 13.2 identifies activity coordinatiton strategy with the central coast funding area and adjacent areas. 13.5 describes the various cooperative agreements and other inter-agency coordination efforts related to water supply throughout the IRWM region.	
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	13.3 Table 13-1 13.4 Table 13-2	Section 13.3 details coordination with federal and state agencies. Table 13-1 presents the agencies, the interest of the agency and the coordination with the agency. Section 13.4 describes project coordination with federal and state agencies. Table 13-2 identifies areas where federal and state agencies may be able to assist in communicaation, cooperation, or implementation of projects or programs.	

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

IRWM Plan Standard: Climate Change					
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	14.12	Section 14.12 outlines future data gathering and analysis regarding climate change.	
Include climate change as part of the project review process.	42 - 44	y	Table 6-2 to Table 6-4 Appendix F	Projects were awarded additional points for addressing prioritized vulnerabilities and implementing various climate change adaptation and mitigation strategies	
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	14.9	Section 14.9 describes the vulnerability assessment conducted in the Region. The assessment was completed following the Climate Change handbook. The region identified and described the regional water resources-related vulnerabilities.	
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	6.3.2 Table 6-2 to Table 6-4 14.3.2	Section 6.3.2 contains tables 6-2 to 6-4 which describe the project review process and include GHG emissions consideration as criteria for evaluation of projects. Section 14.3.2 describes applying climate change downscaled global datasets to the IRWM Region.	
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	14.10 14.11 Table 4-9 to 4-11	Section 14.10 describes the vulnerability prioritization based on the vulnerability assessment and the Regions decision making process. Section 14.11 describes the adaptation and mitigation strategies with regards to climate change. Tables 4-9 to 4-11 present the identified vulnerabilities and their prioritization level.	

Address adapting to changes in the amount, intensity, timing, quality, and variability of runoff and recharge.	42 - 44	y	14.5.5 14.7 14.11 Table 14-10 to Table 14-12	Section 14.5.5 presents daily climate change results expressed as degree days and precipitation. 14.7 addresses flooding due to climate change and extreme precipitation events in the Region. 14.11 describes the adaptation and mitigation strategies adopted to address the climate change vulnerabilities identified in the vulnerability assessment. Tables 14-10 to 14-12 present plan objectives and resource management strategies related to climate change.	
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	14.12.5 Table 14-10 to Table 14-12	14.12.5 describes the data collection and tracking/reporting of SLR in the Region. Tables 14-10 through 14-12 contain SLR in the objectives and resource management strategies presented to address and mitigate climate change.	

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

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

TO: IRWM Regional Water Management Group
FROM: Brendan Clark, Water Resources Engineer
DATE: November 8th, 2019
SUBJECT: Item #4: Looking Ahead to 2020

Discussion

Related the review of the plan, staff wants to highlight the proposed implementation activities from Section 2.5.1. These include:

- Modifying / Updating Goals, Objectives and/or Governance*
- Evaluate updates to the State list of RMS for inclusion into the San Luis Obispo Region's IRWM Plan
- Conduct annual review of climate change prioritized vulnerabilities per Section 14.10.
- Update Supply and Demand projections and methodologies of the 2012 Master Water Report
- Maintain and update the Full Project List
- Respond to DWR, SCRWB and other Funding Opportunities
- Maintain and update the impacts and benefits as individual projects are developed and implemented
- Produce an IRWM Monitoring Report
- Maintain database of local planning documents (i.e. 2020 UWMPs when required)
- Update Stakeholder involvement surveys
- Maintain the finance opportunities list for members and interested stakeholders
- Respond to update State guidelines for IRWM planning and implementation*

* denotes an activity that triggers re-adoption.

Staff seeks input from the RWMG moving ahead, not only in the coming weeks, but throughout this unadopted stage of the plan in regards to implementation activities.