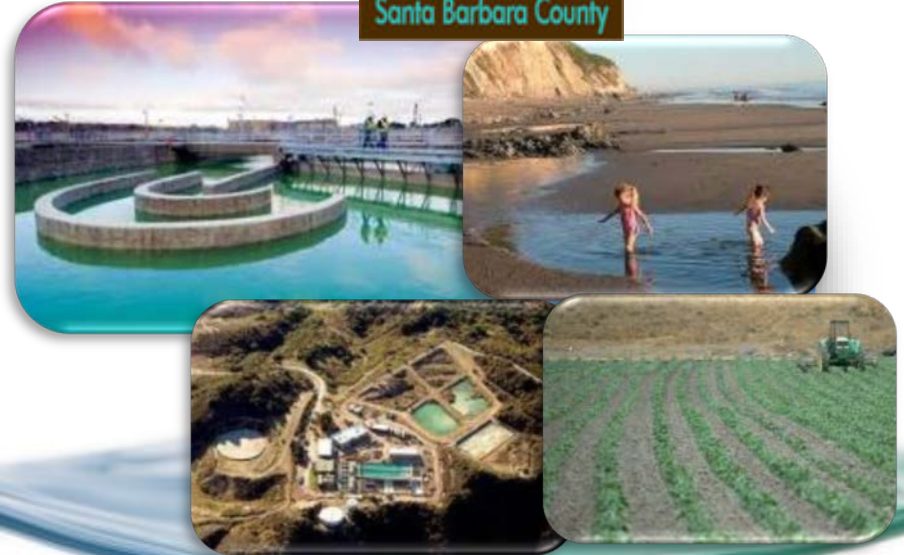


Santa Barbara County IRWM

Cooperating Partners of the Santa Barbara County IRWM
All Watersheds Meeting
Wednesday, September 27, 2017, 1:00 am to 3:00 pm
City of Lompoc Council Chambers
100 Civic Center Plaza, Lompoc CA



Agenda – IRWM –All Watersheds

- 💧 **Welcome**
- 💧 **Introductions**
- 💧 **Countywide SGMA Updates**
- 💧 **Update on the DAC Involvement and DACI Funding Round**
 - ♣ **Status of proposal/funding with DWR**
- 💧 **Update on Implementation Funding from DWR**
- 💧 **Status of the 2016 IRWM Plan Update – DWR’s 2016 Guidelines**
 - ♣ **Update on Plan Sections and Sub-Committee**
- 💧 **Update on Local Projects**
- 💧 **Update on SB 5 (Water Bond)**
- 💧 **Next Steps**
- 💧 **Next Meeting**



SGMA Update

SGM Sustainable Groundwater Management



County wide SGMA Update (Sustainable Groundwater Management Act)

💧 GSA Formation occurring in the following basins:

💧 Santa Ynez Groundwater Basins' GSA Formations - **complete**

💧 San Antonio Creek Groundwater Basin GSA Formation – **complete**

💧 Cuyama Valley Groundwater Basin GSA Formation – **complete**

💧 Montecito Groundwater Basin – **underway and anticipated formation finalized in 2/2018 or 3/2018 (not required in this Basin)**

Sustainable
Groundwater Management



DAC Involvement – Activities and Funding

- ♦ **Santa Barbara IRWM participating in Statewide Workgroup on the outcomes, performance metrics and evaluation of the DACI Program**
- ♦ **Working with the CCFA on the DACI Funding Proposal**
 - ♦ **DACI Funding Proposal submitted on March 31, 2017, Revised in May, Revised in July, Revised in August, Revised in September**
 - ♦ **Projects for Guadalupe and Cuyama**
 - ♦ **Requested full DAC non-competitive funding allocation of \$621,932**
 - ♦ **Coordination with CCFA on responding to comments**
 - ♦ **Funding anticipated before the end of 2017**

Any Questions?



Prop 1 IRWM Implementation Funding

Proposed New Approach - Overview

Proposed solicitation schedule

Probably Two Rounds

Round 1 – Draft PSP released spring of 2018 (March or April)

Applications due late spring/early summer 2018 (May or June)

Round 2 2019

Total proposed funding available (statewide) in Round 1: \$200 million

\$185 million (implementation)

\$15 million (DAC implementation)

Total remaining funding available (statewide) in Round 2: \$218.3 million

\$182.3 million (implementation)

\$36 million (DAC project funds)

Roundtable of Regions and DWR

- 💧 **Roundtable of Regions – September 21, 2017 Glendale Meeting – IRWM Implementation Scoping**
- 💧 **Water Plenary for the Water Plan Update 2018 and Session on Climate Change – September 27, 2017 (Today) In Sacramento**
- 💧 **Ongoing Roundtable of Regions call and advocacy to advance IRWM concerns statewide**

Plan Update

2016 Integrated Regional Water Management Grant Program Guidelines

Volume 2 – IRWM Planning Standards
July 2016



CALIFORNIA NATURAL RESOURCES AGENCY
DEPARTMENT OF WATER RESOURCES
DIVISION OF
INTEGRATED REGIONAL WATER MANAGEMENT



2016 IRWM Program Guidelines (Volume 1)

💧 New Relevant Legislation and Executive Orders applicable to IRWM:

- 💧 **AB 685** (Eng, Chapter 524, Statutes of 2012) – Establishes State Policy that every human being has that right to safe, clean, affordable, and accessible water adequate for human consumption, cooking, and sanitary purposes.
- 💧 **AB 52** (Gatto, Chapter 532, Statutes of 2014) – Public Resources Code §21080.3.1 – requires the California Environmental Quality Act (CEQA) lead agency to consider project effects on tribal cultural resources and to conduct consultation with California Native American tribes.
- 💧 **AB 1249** (Salas, Chapter 717, Statues 2014) – Water Code §10541 – requires IRWM regions with nitrate, arsenic, perchlorate, or hexavalent chromium contamination to include specific information in their IRWM plan regarding the location, impacts, actions, and needed action to address the contaminations. It also requires applications from these regions to include information regarding how the project(s) in their grant application helps to address the contamination or an explanation why the application does not include such project(s).

2016 IRWM Program Guidelines (Volume 1)

- 💧 **New Relevant Legislation and Executive Orders applicable to IRWM:**
 - 💧 **AB 1739** (Dickinson, Chapter 347, Statutes of 2014), **SB 1168** (Pavley, Chapter 346), **SB 1319** (Pavley, Chapter 348) collectively referred to as the **Sustainable Groundwater Management Act (SGMA)**. SGMA allows local agencies to customize groundwater sustainability plans to their regional economic and environmental needs. SGMA creates a framework for sustainable, local groundwater management by requiring local agencies to establish a new governance structure, known as **Groundwater Sustainability Agencies**, prior to developing groundwater sustainability plans for groundwater basins or sub-basins.
 - 💧 **Executive Order B-29-15** Requires agricultural water suppliers that supply water to more than 25,000 acres to include in their required 2015 Agricultural Water Management Plans (AWMP) a detailed drought management plan that describes the actions and measures the supplier will take to manage water demand during drought.

2016 IRWM Program Guidelines (Volume II)

💧 IRWM Plan Standards (in brief)

Table 1 – IRWM Plan Standards	
<ul style="list-style-type: none">◆ Governance◆ Region Description◆ Objectives◆ Resource Management Strategies (RMS)◆ Integration◆ Project Review Process◆ Impact and Benefit◆ Plan Performance and Monitoring	<ul style="list-style-type: none">◆ Data Management◆ Finance◆ Technical Analysis◆ Relation to Local Water Planning◆ Relation to Local Land Use Planning◆ Stakeholder Involvement◆ Coordination◆ Climate Change

💧 **Santa Barbara IRWM Region must update **each** of the sections named above.**

2016 IRWM Program Guidelines (Volume II)

💧 Examples of needed updates:

💧 **Governance:**

- 💧 new agencies have become Cooperating Partners and others have not adopted the current Plan

💧 **Region Description:**

- 💧 inclusion of GSAs and the areas each GSA is managing
- 💧 accurate description of the social/cultural makeup of the region
- 💧 updated and accurate discussion, characterization of challenges and current efforts related to EDAs/DACs/SDACs
- 💧 updated narrative on water supply demands over a 20-year planning horizon

💧 **Objectives:**

- 💧 inclusion of more specific objectives related to Climate Change, sea-level rise (SLR), GHG reduction AB 32 and ARB strategies, carbon sequestration, etc.

2016 IRWM Program Guidelines (Volume II)

Examples of needed updates:

Resource Management Strategies (RMS):

- ◆ Effects of Climate Change (CC) and updates from the CA Water Plan Update
- ◆ Demonstration of how CC is addressed in the RMS
- ◆ Evaluation of how the RMS and other strategies will reduce or eliminate the impacts of CC

Table 2 – CA Water Plan Update 2013 Resource Management Strategies	
◆ Agricultural Water Use Efficiency	◆ Conjunctive Management and Groundwater Storage
◆ Urban Water Use Efficiency	◆ Desalination
◆ Crop Idling for Water Transfers	◆ Precipitation Enhancement
◆ Irrigated Land Retirement	◆ Recycled Municipal Water
◆ Conveyance – Delta	◆ Surface Storage – CALFED
◆ Conveyance – Regional/local	◆ Surface Storage – Regional/local
◆ System Reoperation	◆ Drinking Water Treatment and Distribution
◆ Water Transfers	◆ Groundwater Remediation/Aquifer Remediation
◆ Flood Risk Management	◆ Land Use Planning and Management
◆ Agricultural Lands Stewardship	◆ Matching Quality to Use
◆ Economic Incentives (Loans, Grants and Water Pricing)	◆ Pollution Prevention
◆ Ecosystem Restoration	◆ Salt and Salinity Management
◆ Forest Management	◆ Urban Runoff Management
◆ Recharge Area Protection	◆ Water-Dependent Recreation
◆ Sediment Management*	◆ Watershed Management
◆ Outreach and Engagement*	◆ Water and Culture*

**New resource management strategies for California Water Plan Update 2013*

2016 IRWM Program Guidelines (Volume II)

💧 Examples of needed updates:

💧 **Integration:**

- 💧 update discussion on project integration and how it is accomplished

💧 **Project Review Process:**

- 💧 update discussion on how projects are solicited, included in the Plan, reviewed and selected for implementation
- 💧 discussion of criteria to select projects, particularly in relation to Objectives and RMS

💧 **Impact and Benefit:**

- 💧 inclusion of more specific discussion of the impacts/benefits of the Plan's implementation on the region, inter-regional issues, EJ and DACs

2016 IRWM Program Guidelines (Volume II)

💧 Examples of needed updates:

💧 **Plan Performance and Monitoring**

- 💧 Update performance measures and monitoring methods to ensure the objectives of the Plan are met
- 💧 update description and methodology for evaluating and monitoring the RWMG's ability to meet the objectives and implement the projects in the IRWM Plan
- 💧 update policies and procedures that promote adaptive management
- 💧 ensure discussion on effective project implementation as conditions change, as more effects of Climate Change manifest, new tools are developed, and new information becomes available

💧 **Data Management**

- 💧 update section to reflect accurate process of data collection, storage, and dissemination to IRWM participants, stakeholders, the public, and the State.

2016 IRWM Program Guidelines (Volume II)

💧 Examples of needed updates:

💧 **Finance:**

- 💧 update discussion on how projects are financed
- 💧 update opportunities for further funding sources

💧 **Technical Analysis:**

- 💧 update data and technical analyses that were used in the development of the Plan.

💧 **Relation to Local Water Planning:**

- 💧 update the local water planning documents utilized background within the IRWM Plan.
- 💧 update the description of the dynamics between the IRWM Plan and local planning documents
- 💧 update and consider and incorporate water management issues and climate change

2016 IRWM Program Guidelines (Volume II)

💧 Examples of needed updates:

💧 **Relation to Local Land Use Planning:**

- 💧 update processes that fosters communication between land use managers and RWMGs with the intent of effectively integrating water management and land use planning

💧 **Stakeholder Involvement:**

- 💧 update discussion on DACs/SDACs/EDAs and ongoing work in communities
- 💧 update process and communication to RWMG and stakeholders

💧 **Coordination:**

- 💧 update processes to coordinate water management projects and activities of participating local entities and local stakeholders to avoid conflicts and take advantage of efficiencies (CWC §10541.(e)(13))
- 💧 Identification of other neighboring IRWM efforts and the way cooperation or coordination with these other efforts will be accomplished and a discussion of any ongoing water management conflicts with adjacent regions

2016 IRWM Program Guidelines (Volume II)

Examples of needed updates:

Climate Change:

- update adaptation to the effects of climate change and mitigation of GHG emissions (Water Code §10541.(e)(10))

Table 3 – Addressing Climate Change Within Existing IRWM Plan Standards	
Climate Change	<p><u>Adaptation:</u></p> <ul style="list-style-type: none"> A discussion of the potential effects of climate change on the IRWM region, including an evaluation of the IRWM region’s vulnerabilities to the effects of climate change and potential adaptation responses to those vulnerabilities. At a minimum, the vulnerability evaluation must be equivalent to the vulnerability assessment contained in the <i>Climate Change Handbook for Regional Water Planning</i>, Section 4 and Appendix B¹. 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. A list of prioritized vulnerabilities which includes a determination regarding the feasibility for the RWMG to address the priority vulnerabilities. A plan, program, or methodology for further data gathering and analysis of the prioritized vulnerabilities. Address adapting to changes in the amount, intensity, timing, quality, and variability of runoff and recharge. 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. <p><u>Mitigation:</u></p> <ul style="list-style-type: none"> A process that considers GHG emissions when choosing between project alternatives. 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.

Sub-Committee on IRWM Plan

- 💧 **DAC Issues**
- 💧 **More current and accurate information**
- 💧 **Response to DWR's comments and matrix on the 2013 Plan Review**
- 💧 **2016 Guidelines' requirements and standards**
- 💧 **Legislative requirements**

Any Questions?



Update on Projects - *still valid?*

- 💧 SCC Project scoping and Cachuma efficiency project**
- 💧 Gibraltar Ionizer Water Quality Improvement Project**
- 💧 CCWA Pipeline Extension**
- 💧 Hilton Creek/Penstock Project**
- 💧 Well Rehabilitation – Santa Ynez Valley Wide**
- 💧 Reuse Project – Santa Maria Valley/Laguna Sanitation District Project**

Senate Bill 5

- 💧 *SB-5 California Drought, Water, Parks, Climate, Coastal Protection, and Outdoor Access For All Act of 2018***
- 💧 *Passed and enrolled in September 2017***
- 💧 *No discrete funds for IRWM within bill, instead discussion of Regional Sustainability (Chapter 11.6)***

Senate Bill 5 – Chapter 11.6

💧 Chapter 11.6 Regional Sustainability for Drought and Groundwater, and Water Recycling

💧 **80146. (a) The sum of two hundred ninety million dollars (\$290,000,000) shall be available, upon appropriation by the Legislature, for drought and groundwater investments to achieve regional sustainability. Expenditure of these funds may include planning, design, and implementation projects through competitive grants and loans for investments in groundwater recharge with surface water, stormwater, recycled water, and other conjunctive use projects, and projects to prevent or clean up contamination of groundwater that serves as a source of drinking water.**

(b) Of the funds made available pursuant to this section, fifty million dollars (\$50,000,000) shall be available pursuant to Chapter 10 (commencing with Section 79770) of Division 26.7 of the Water Code for the purposes described in Section 79775 of the Water Code.

💧 **80147. (a) The sum of one hundred million dollars (\$100,000,000) shall be available, upon appropriation by the Legislature, pursuant to Chapter 9 (commencing with Section 79765) of Division 26.7 of the Water Code, except that the provisions of Section 79143 of the Water Code shall not apply to a loan or grant awarded under this section.**

(b) Of the funds made available pursuant to this section, up to twenty million dollars (\$20,000,000) shall be available for the State Water Efficiency and Enhancement Program administered by the Department of Food and Agriculture.

💧 **Water Bond Coalition and IRWM practitioners are advocating with legislators to include guidance language for DWR to prioritize IRWM, i.e. that the \$240M dedicated to "regional sustainability" goes towards IRWM plans and projects, and is administered by DWR.**

Any Questions?



THANK YOU FOR LISTENING



Next Meeting

Doodle Poll is Forthcoming

Admin Draft Plan in November

