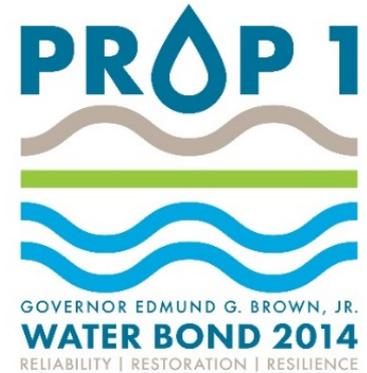


# INFORMATIONAL MEETING ON THE SUSTAINABLE GROUNDWATER MANAGEMENT PROGRAM



Funding Opportunities Under Proposition 1  
for IRWM and Groundwater

ANECITA AGUSTINEZ  
TRIBAL POLICY ADVISOR  
DEPARTMENT OF WATER RESOURCES  
RINCON TRIBAL HALL  
APRIL 28, 2016



# PROPOSITION I OVERVIEW

- Sections 1-7
  - Reallocates Statewide Bond Costs from prior bonds to Prop I
  - Redirects unused funds from prior bonds to Prop I
  - Repealed 2009 Water Bond
- Section 8
  - “the good stuff”
  - Chapters 1-4 – General items applicable to entire bond (definitions, general provisions)
  - Chapter 12 Fiscal Provision
- Sections 9-13
  - Various legislative “clean up” items

# PROPOSITION I PROGRAMS ADMINISTERED BY DWR

- Chapter 7 Regional Water Reliability
  - \$510M Integrated Regional Water Management (IRWM)
  - \$100M Water conservation & water use efficiency (WUE)
- Chapter 9 Water Recycling
  - \$100M Desalination & advanced treatment technology
- Chapter 10 Groundwater Sustainability
  - \$100M Local plans & projects to manage groundwater
- Chapter 11 Flood Management
  - Administered by DWR and the Central Valley Flood Protection Board
  - \$295M Reduce risk of levee failure & flooding in the Delta
  - \$100M Statewide flood management

# ANTICIPATED SCHEDULE

- DWR just completed a public review process of the draft documents for public review
  - Guidelines
  - Planning Grant Proposal Solicitation Package
  - Disadvantaged Community Involvement Request for Proposal
- Issue final documents April, 2016
- Mid-2016 – Administer DAC Involvement and Planning Grants
- Implementation Grant Program/DAC Project funding to follow

# PROPOSITION I IRWM – DRAFT PROPOSAL

## Planning Grants

- \$5M available
  - Taken from Funding Area allocations
  - Preference for new plans
- Develop new IRWM Plans
  - \$1M grant cap
- Improve existing IRWM Plans
  - \$250K grant cap

## Implementation Grants

- Approximately \$418M available
  - Including at least \$51M for projects that directly benefit DACs
- Solicitation no earlier than 2017
- Solicitation options being considered

# OVERVIEW OF SENATE BILL 208

- Within 90 days of grant award (execution) RWMG provides DWR with a project list:
  - Non-profit organizations, DACs, or benefiting DACs
  - Grant award is <\$1,000,000
  - Project description, budget, & schedule
- Within 60 days of receipt, DWR:
  - Advance payment of 50% of the grant award
  - May adopt additional requirements
    - Detailed in draft guidelines
- Non-interest bearing account
- Spend within 6 months
- Return unused funds
- Quarterly expenditure reports

# CHAPTER 10 GROUNDWATER SUSTAINABILITY

- \$100 Million for projects that develop and implement groundwater plans and projects in accordance with groundwater planning requirements in Water Code Section 10000
- Competitive grant program
  - 50% Cost share, waived or reduced for projects that directly benefit DAC or EDA
  - 10% allocated to projects serving severely DAC
- Up to \$10 Million – Counties with Stressed Basins
  - Develop ordinances and plans that protect basins and their beneficial uses and help facilitate basin-wide groundwater management
- \$83 Million
  - Local Agencies
  - Groundwater sustainability governance and planning

# CHAPTER 10 GROUNDWATER SUSTAINABILITY

## Counties with Stressed Basins

- \$10M available
- \$7M in requests received
- Anticipate draft awards in the immediate future
- Applications from the Southern California
  - San Diego County, \$250,000

## Sustainable Groundwater Plans

- Solicit once SGP regulations adopted
  - June 1, 2016 (SGMA Deadline)
- Competitive grant program
- Development of SGPs or related activities
- Seeking input on what should be considered for funding

# PROPOSITION I

## WATER USE EFFICIENCY PROGRAMS

### Turf & Toilet Rebates

- Total of \$24M available for turf, with target of 50% of funds to DACs
  - \$12M targeted to SJV
  - \$12M targeted Statewide
- Total of \$6M available for High Efficiency Toilets (HET)
  - Target – 50% of funds to DACs

### Turf & Toilet Direct Installs

- In partnership with Department of Community Services and Development (CSD) for HET installs
  - \$6 million targeted to DACs, in conjunction with CSD weatherization program
- Includes partnership with California Conservation Corps to replace turf
  - \$1 million targeted to DACs, underserved, and drought impacted communities in San Joaquin Valley for turf replacement
  - Replace turf at public facilities and provide job training for at risk youth

# PROPOSITION I

## WATER USE EFFICIENCY PROGRAMS

### Ag WUE Grants

- \$30M available
- Must provide measurable benefits to the State
  - Implementation Projects
    - Maximum grant = \$3M
  - Other Projects: Technical Assistance, Research and Development, or Training, Education, and Public Outreach
    - Maximum grant = \$300,000
- Final guidelines nearing release

### CalConserve Loans

- \$10M, split evenly between the categories below, available to local agencies for:
  - Pilot project for WUE upgrades to eligible residents at no upfront costs
  - Low-interest loans to customers to repair or replace cracked or leaking water pipes
- Maximum Loan = \$3M
  - 20-25 year repayment
  - 0% interest; some debt forgiveness
- Final guidelines nearing release

# PROPOSITION I FUNDING OPPORTUNITIES

## Desalination

- Building on Prop 50 program:
  - Planning, design, and construction of water desalination facilities for both brackish and ocean water
  - Pilot, demonstration, and research projects
- Tentative Schedule:
  - Release draft guidelines/public comment period – Winter 2016
  - Release final guidelines/PSP and start solicitation – Spring 2016
  - Announce grant awards – Summer 2016

## Flood Management

- \$100M Statewide Flood Management
- Future program
- Current focus on completing Props 84 and IE funding programs

## SECTION 8

### Chapter 5 - Clean & Safe Drinking Water

- \$260M Small community wastewater
- \$260M Disadvantaged Community Drinking Water
- Administered by SWRCB

### Chapter 6 - Watershed Restoration & Protection

- \$515M Watershed restoration in designated areas
- \$475M State environmental restoration commitments
- \$305M Statewide watershed restoration
- \$200M Projects to increase water flowing in rivers and streams
- Administered by: Natural Resources Agency, various conservancies, Wildlife Conservation Board, and Department of Fish and Wildlife

## SECTION 8

### Chapter 5 - Clean & Safe Drinking Water

- \$260M Small community wastewater
- \$260M Disadvantaged Community Drinking Water
- Administered by SWRCB

### Chapter 6 - Watershed Restoration & Protection

- \$515M Watershed restoration in designated areas
- \$475M State environmental restoration commitments
- \$305M Statewide watershed restoration
- \$200M Projects to increase water flowing in rivers and streams
- Administered by: Natural Resources Agency, various conservancies, Wildlife Conservation Board, and Department of Fish and Wildlife

## SECTION 8

### Chapter 7 - Regional Water Security

- \$510M Integrated Regional Water Management (IRWMM)
- \$100M Water conservation & water use efficiency
  - Both administered by DWR
- \$200M Multi-benefit stormwater management
  - Administered by SWRCB

### Chapter 8 - Statewide System Operation

- \$2,700M Water Storage Investment Program (WSIP)
- Public benefits associated with water storage
  - Administered by California Water Commission

## SECTION 8

### Chapter 9 Water Recycling

- \$625M Water recycling & advanced treatment technology
  - Administered by SWRCB
- \$100M Desalination
  - Administered by DWR

### Chapter 10 Groundwater Sustainability

- \$800M Prevention & cleanup of groundwater pollution
  - Administered by SWRCB
- \$100M Local plans & projects to manage groundwater
  - Administered by DWR

## SECTION 8

### Chapter 11 - Flood Management

- \$395M to reduce risk of levee failure & flooding in the Delta and address statewide flood management projects and activities
  - Administered by DWR and the Central Valley Flood Protection Board

# ELIGIBLE APPLICANTS

- Public Agencies
- Nonprofit Organizations
  - 501.(c)(3) qualified to do business in California
- Federally recognized Indian Tribes
- Indian Tribes listed on NAHC consultation list (non-federally recognized)
- Public Utilities
- Mutual Water Companies

# SELECTED DEFINITIONS

- Disadvantaged Community (DAC) = 80% Median Household Income (MHI)
- Severely Disadvantaged Community (SDAC) = 60% MHI
- Economically Distressed Area (EDA) = <85% MHI
  - Municipality – Population  $\leq$ 20,000
  - Rural County
  - Reasonable isolated/divisible segment of large municipality with population  $\leq$ 20,000
  - With one or more:
    - Financial hardship
    - Unemployment rate at least 2% higher than State average
    - Low population density
  - [http://www.water.ca.gov/irwm/grants/resources\\_eda.cfm](http://www.water.ca.gov/irwm/grants/resources_eda.cfm)

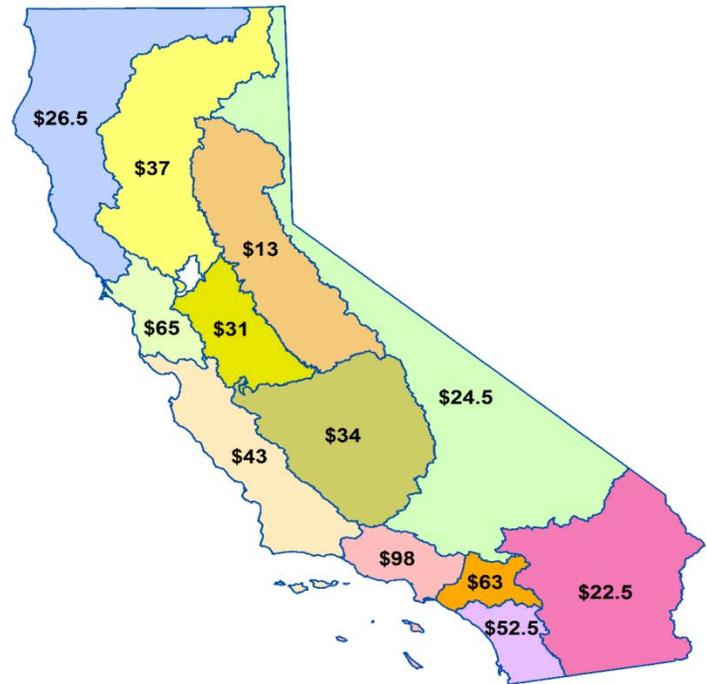


# INTEGRATED REGIONAL WATER MANAGEMENT



# PROPOSITION I IRWM GENERAL PURPOSE

- Help water infrastructure systems adapt to climate change
- Provide incentives for collaboration on managing water resources and setting water infrastructure priorities
- Improve regional water self-reliance



# PROPOSITION I IRWM FUNDING OVERVIEW

- \$5M for Planning Grant Program
- \$102M for Disadvantaged Community Assistance
  - \$51M (At least 10% ) - Ensure involvement of DACs, EDAs, or underrepresented communities within regions
  - \$51M (At least 10%) - Projects that directly benefit a DAC
- \$367.3M for Implementation Grant Program
  - In addition to DAC projects
  - Total available = \$418.3M
  - Future program activity
- \$35.7M Program delivery and bond administration cost

# 2016 IRWM GRANT PROGRAM GUIDELINES

- Volume 1 – Program Processes
  - Updated for Prop 1 and recent legislation
  - Freshened up
- Volume 2 – IRWM Plans
  - Plan Standards
  - Guidance for Plan Standards
  - Plan Review Process
  - Regional Acceptance Process

## DRAFT 2016 Integrated Regional Water Management Grant Program Guidelines

Volume 1 – Grant Program Processes  
January 2016



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



# SELECTED CHANGES – 2016 GUIDELINES

- Mandated 50% Local Cost Share
  - Waive or reduce for DAC or EDAs
- New Eligible Applicants
  - Federally recognized Indian Tribes
  - Indian Tribes listed on NAHC consultation list (non-federally recognized)
- Program Preferences
  - Projects that leverage funding or produce the greatest public benefit
  - Special consideration for new or innovative technology or practices
  - Projects that cover a greater portion of the watershed
  - Multi-benefit projects
- Statewide Priorities
  - Aligned with California Water Action Plan

# CHANGES TO IRWM PLAN STANDARDS

## Changed

- Regional Description
- Objectives
- Resource Management Strategies
- Project Review Process
- Plan Performance and Monitoring
- Relation to Local Water Planning
- Relation to Local Land Use Planning
- Climate Change

## Unchanged

- Governance
- Integration
- Impact and Benefit
- Data Management
- Finance
- Technical Assistance
- Stakeholder Involvement
- Coordination

# CHANGES TO IRWM PLAN STANDARDS

## Climate Change

- Address adaptation and mitigation
  - Regional Description
  - Objectives
  - Regional Management Strategies
  - Project Review Process
  - Plan Performance Monitoring
  - Relation to Local Water Planning
  - Relation to Local Land Use Planning
  - Climate Change

## AB 1249

- Address certain contaminants in IRWM plan and project selection
  - Regional Description
  - Project Review Process

# RECENT LEGISLATION REFLECTED IN GUIDELINES

- AB 1249 (2013-2014) – Water Code §10541(e)(14)
  - Address nitrate, arsenic, perchlorate, or hexavalent chromium contamination in IRWM plans
  - Include projects in grant application or explain why not included
  - DWR shall consider projects that address these contaminants, including small DAC projects (<10,000 year-round population)
- SB 985 (2013-2014) – Water Code §10562(b)(7)
  - Stormwater projects consistent with Stormwater Resources Plan
  - Stormwater Resource Plans incorporated into IRWM Plans
- SB 208 (2015-2016) Water Code §§10551-10552
  - Advanced Payment to:
    - Non-profit organizations, DACs, or projects benefiting DACs
    - Grant award <\$1,000,000

# PLANNING GRANT SOLICITATION

- \$5M Available
- Competitive grant program
  - New Plan \$1M
  - Update Existing Plan \$250K
- Preference in funding new IRWMM plans
  - Scoring system and grant cap
- Those with active IRWMM Planning agreements at the time of application are not eligible

## DRAFT 2016 Planning Grant Proposal Solicitation Package

Integrated Regional Water Management  
January 2016



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



# DAC INVOLVEMENT REQUEST FOR PROPOSALS

- At least \$5 IM for the involvement of DACs, EDAs, & underrepresented communities in IRWMM planning efforts
  - 10% of each Funding Area
  - Non-competitive
  - 2 year performance period
- Coordinate with SWRCB Office of Sustainable Water Solutions

DRAFT  
2016 Request for  
Proposals  
Disadvantaged  
Community  
Involvement

Integrated Regional Water Management  
January 2016



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



# PROPOSITION I IRWM IMPLEMENTATION GRANT PROGRAM

## General Overview

- \$418.3M available
  - General IRWM Projects – \$367.3M
  - Projects that directly benefit DAC – At least \$51M
- Solicitation Considerations
  - One versus two rounds
  - Timing

## Eligible projects include, but not limited to:

- Water reuse and recycling
- Water-use efficiency and water conservation
- **Surface and underground water storage**
- **Water conveyance facilities**
- Watershed protection, restoration, and management projects
- **Conjunctive use**
- **Water desalination projects**
- Decision support tools
- **Improvement of water quality**
- **Stormwater resource management**

# FUNDING AREA ALLOCATIONS IMPLEMENTATION GRANT PROGRAM

Funding Area	Allocation <sup>1)</sup>	10% DAC Projects	General Projects
North Coast	\$26,500,000	\$2,650,000	\$19,345,000
San Francisco	\$65,000,000	\$6,500,000	\$47,450,000
Central Coast	\$43,000,000	\$4,300,000	\$31,390,000
Los Angeles	\$98,000,000	\$9,800,000	\$71,540,000
Santa Ana	\$63,000,000	\$6,300,000	\$45,990,000
San Diego	\$52,500,000	\$5,250,000	\$38,325,000
Sacramento	\$37,000,000	\$3,700,000	\$27,010,000
San Joaquin	\$31,000,000	\$3,100,000	\$22,630,000
Tulare/Kern	\$34,000,000	\$3,400,000	\$24,820,000
Lahontan	\$24,500,000	\$2,450,000	\$17,885,000
Colorado	\$22,500,000	\$2,250,000	\$16,425,000
Mountain Counties	\$13,000,000	\$1,300,000	\$9,490,000

1) Any planning grant awards would be taken from relevant Funding Area



# SUSTAINABLE GROUNDWATER MANAGEMENT



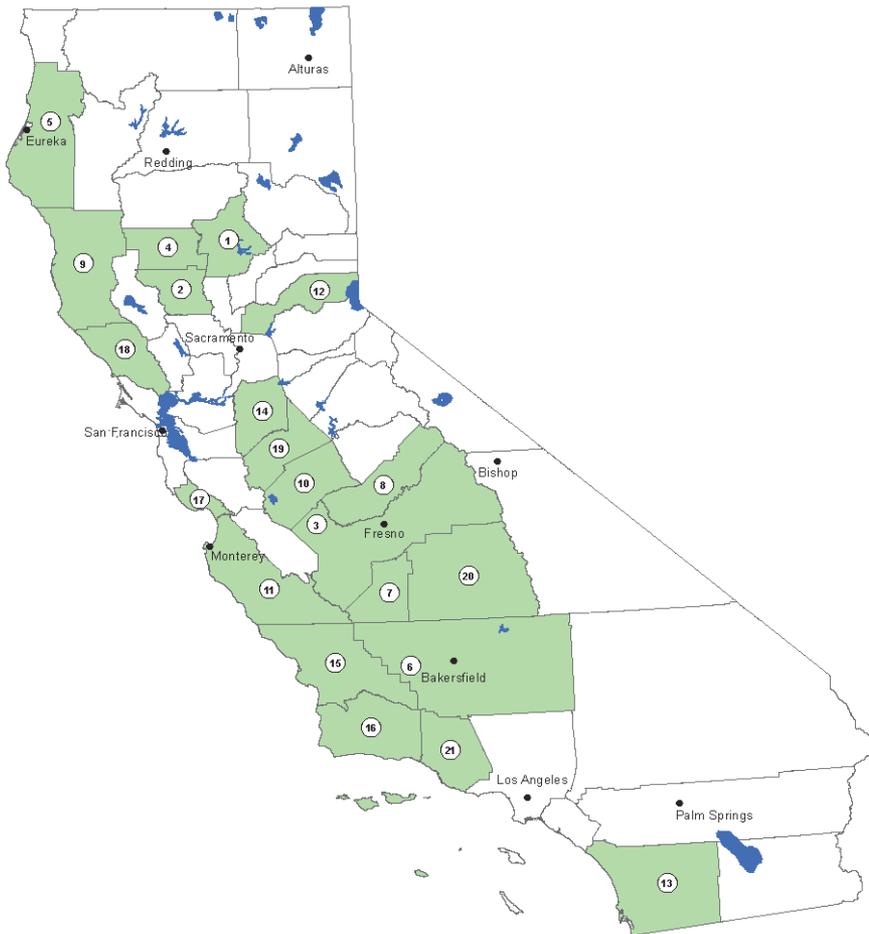
# IRWM GROUNDWATER ELIGIBILITY ISSUES

- Water Code §79741.(b)
  - A local agency that does not prepare, adopt, and submit its groundwater plan... **is ineligible to apply for funds...** until the plan is prepared and submitted....
  - Does not apply to:
    - Water replenishment district
    - Local agency that serves or has authority to manage an adjudicated groundwater basin
- Water Code §10000 Plans
  - Groundwater Sustainability
    - Alternative Measures 2017
    - Critical Overdraft 2020
    - High & Medium Priority 2022
      - Groundwater Management Plan must have been adopted by 1/1/2015
  - Groundwater Management
    - Low & Very Low Priority
- CASGEM

# CHAPTER 10 GROUNDWATER SUSTAINABILITY

- \$100M for projects that develop and implement groundwater plans and projects in accordance with groundwater planning requirements in Water Code §10000
- Competitive grant program
  - 50% cost share
    - Waive/reduce for projects that directly benefit DAC or EDA
  - 10% allocated to projects serving SDAC

# CHAPTER 10 GROUNDWATER SUSTAINABILITY



- Counties with Stressed Basins
  - Develop ordinances and plans that protect basins and their beneficial uses and help facilitate basin-wide groundwater management
  - March 18, 2016 awarded \$6.7M to 21 Counties

# CHAPTER 10 GROUNDWATER SUSTAINABILITY

- Sustainable Groundwater Planning Grant Program
  - \$86.3M available
- Solicit once Sustainable Groundwater Plan regulations are adopted
  - June 1, 2016 (SGMA Deadline)
- Competitive grant program
- Development of SGPs or related activities

# SCOPING SUSTAINABLE GROUNDWATER PLANNING GRANT PROGRAM

- Will conduct public scoping meetings later in 2016
- Seeking input on how to structure program:
  - What should be considered for funding?
    - Plan development
    - Actions related to sustainable groundwater planning/management
      - Wells, data management, modeling, etc.
  - What should not be considered for funding?
  - Limited funding to support a robust construction grant program
  - Timing of solicitation
  - Grant caps – Maximum and Minimum

# Thank you

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**Webpage:** <http://www.water.ca.gov/tribal/index.cfm>





# CONTACT FOR FUNDING ASSISTANCE AND PROGRAM GRANT INFORMATION

[HTTP://WWW.WATER.CA.GOV/FUNDING/](http://www.water.ca.gov/funding/)



# DWR CONTACT INFORMATION

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