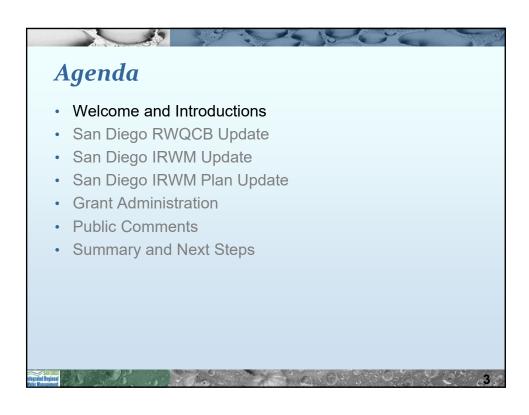


### Agenda

- Welcome and Introductions
- San Diego RWQCB Update
- San Diego IRWM Update
- San Diego IRWM Plan Update
- Grant Administration
- Public Comments
- Summary and Next Steps







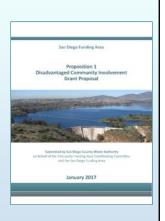


### Statewide IRWM Update – Roundtable of Regions (RoR)

- Prop 1 IRWM Implementation Grants
  - Prop 1-Round 1 (tentative!):
    - · Draft PSP in Spring 2018;
    - · Final PSP Summer 2018;
    - · Consultations in Fall 2018;
    - Applications due Winter 2018
  - Prop 1-Round 2: Anticipated in 2020
- Concern about Lack of IRWM Funding in Proposed Bills and Initiatives
  - Senate Bill 5: California Drought, Water, Parks, Climate, Coastal Protection, and Outdoor Access for All Act of 2018 (\$4B) passed on September 15



- RAC Kickoff: December 2017
- Definitions and Mapping:
   November 2017 March 2017
- DAC Outreach and Presentations:
   March September 2018
- Draft Regional DAC Needs
   Assessment: October December
   2018



### DAC Needs Assessment RFQ

- Looking for Non-Profit and Academic partners to support consulting team
  - Experience working with DACs/EDAs/URCs/EJs, specifically those not involved previously in IRWM
  - Assist with identifying DAC organizations and updating DAC Outreach contact list
  - Support outreach to targeted DACs/EDAs/URCs/EJs
- RFQ will be released later this month!
  - Responses will be due in November

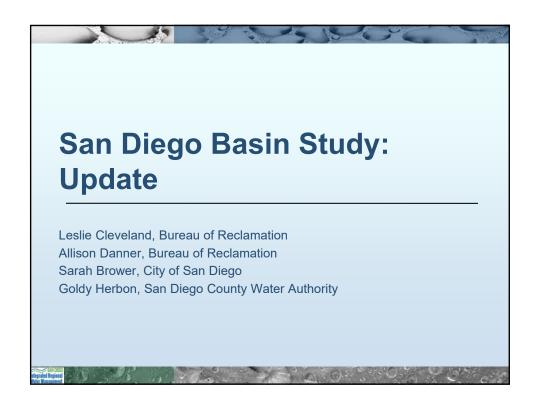
### DAC Outreach List

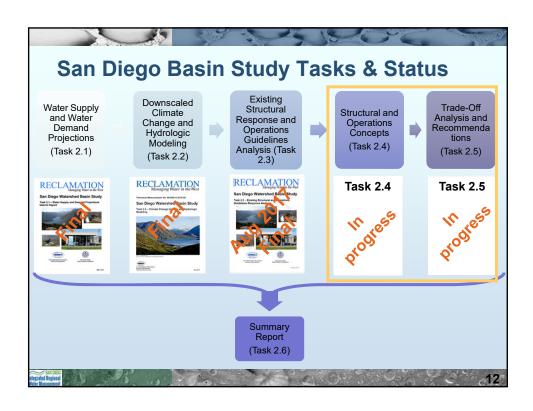
- San Diego Coastkeeper
- San Diego EarthWorks
- Environmental Health Coalition
- Elementary Science Institute
- Jacobs Center
- Groundwork San Diego-Chollas Creek
- Wildcoast
- Climate Science Alliance

- Alter Terra
- · Indian Health Service

- Mid City CAN
- San Diego Canyonlands
- Surfrider Foundation San Diego County Chapter
- Sierra Club San Diego Chapter
- Urban Corps San Diego County
- UC San Diego
- Rural Community Assistance Corporation
- California Rural Water Association
- County Department of Environmental Health

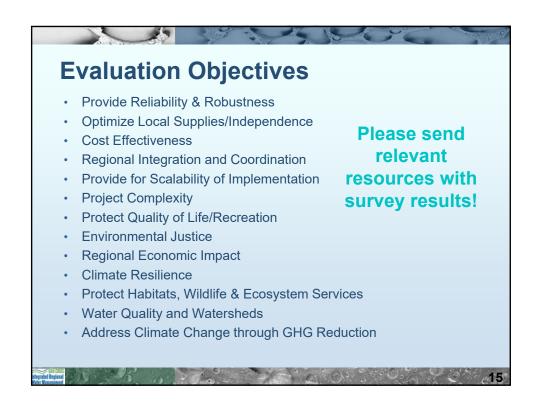
• Who else?

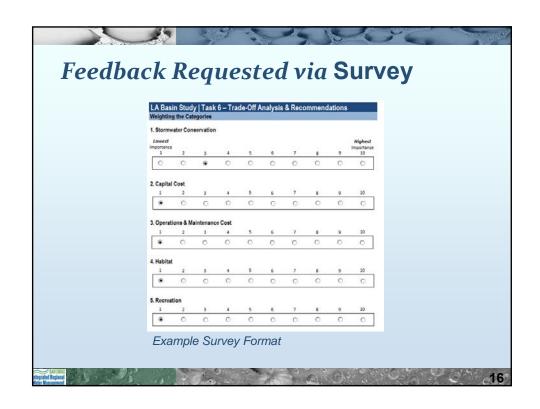




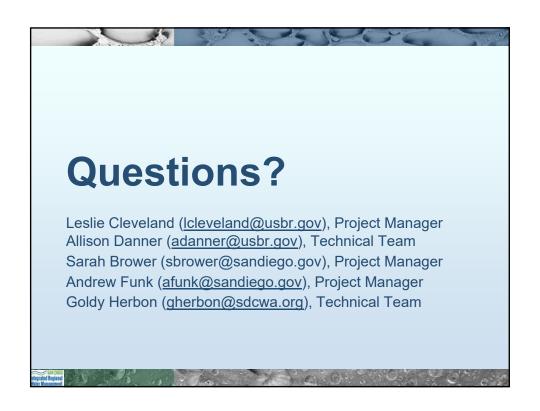
## Aug. 2<sup>nd</sup> RAC Meeting Re-Cap Summary: 1. Overview of Basin study • Task 2.5 Trade off Analysis Goal and Approach 2. Feedback received on Evaluation Objectives

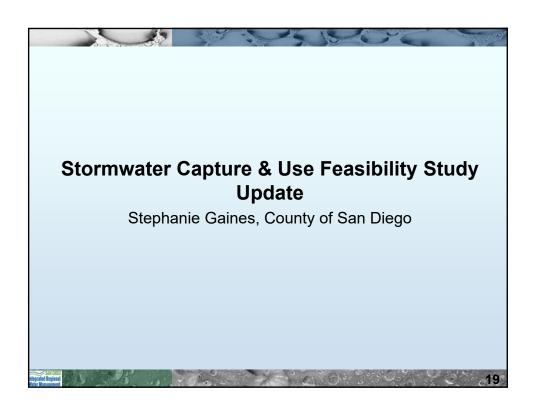
# Task 2.5 Next Steps Summary: 1. Finalized Evaluation Objectives 2. Develop weighted scores/rank for objectives • Survey coming soon! 3. Complete Trade-Off Analysis



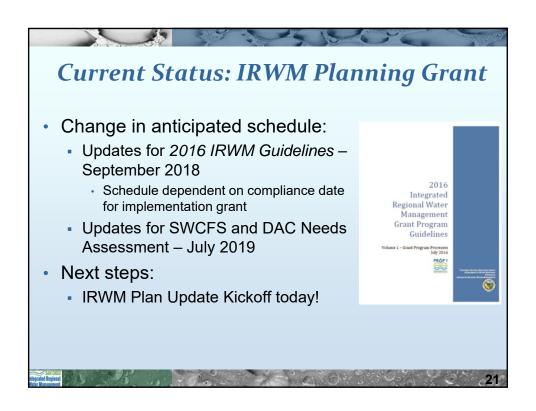


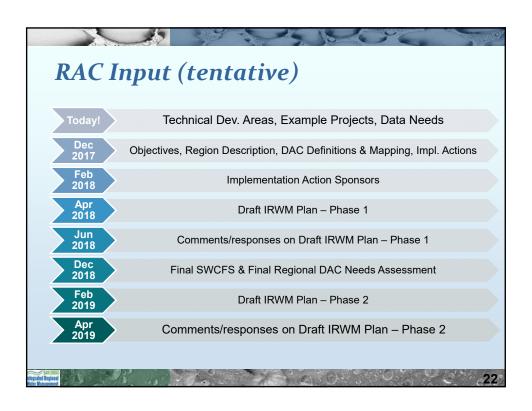


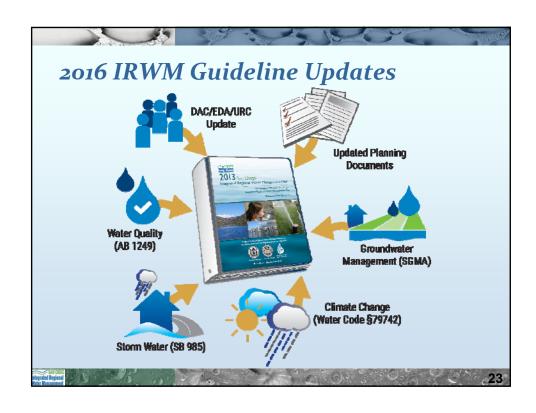


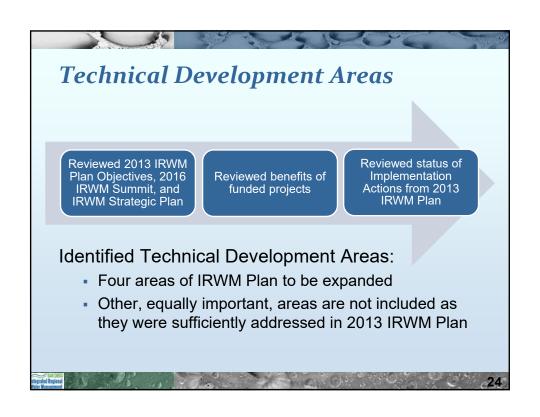








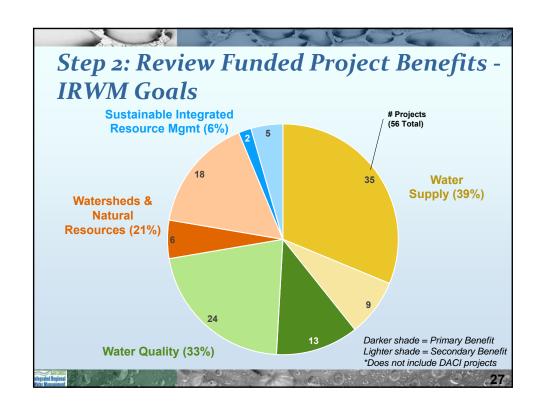


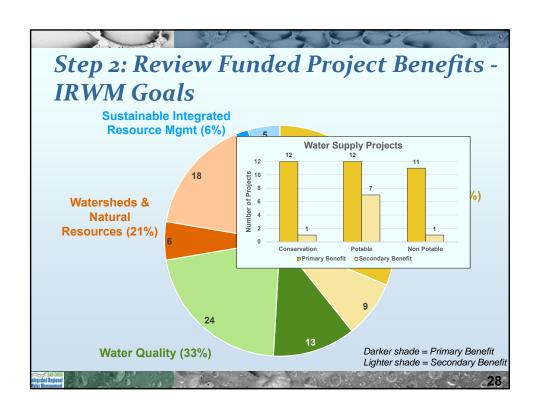


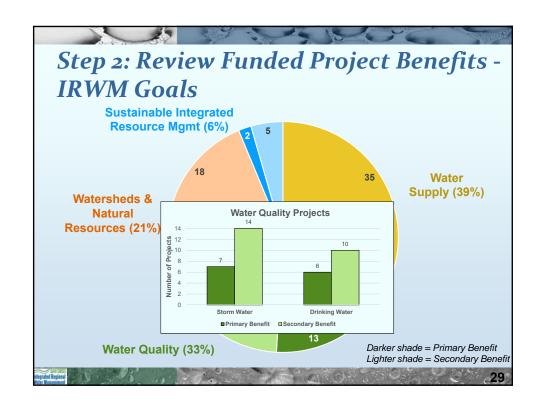
### Step 1: Review SD IRWM Material

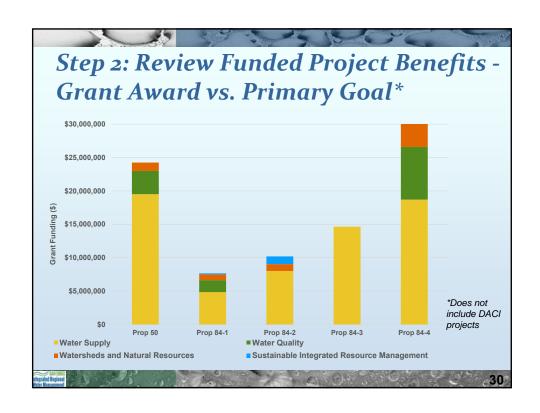
- 2013 IRWM Plan Objectives
  - 11 objectives including integration, diverse mix of water resources, and restore habitat
- 2016 IRWM Summit
  - 6 focus areas including water reuse, changing public views/value of storm water, and investing in surface water/reservoir augmentation
- IRWM Strategic Plan
  - 8 benefits of IRWM including reduced costs, avoided conflict, and enhanced trust

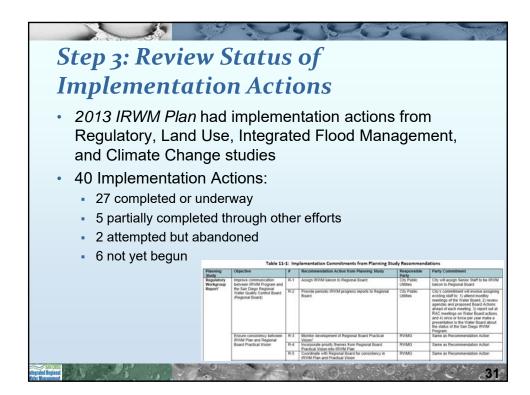
Step 1: Review SD IRWM Material – 2016 IRWM Summit Use and reuse water locally large imported water systems are not sustainable 2. Reduce consumption 3. Change how the public views and values water - particularly stormwater 4. Better integration in water resources plans - stormwater not always integrated well 5. Invest in surface water/reservoir augmentation 6. Invest in source water augmentation (potable reuse)











### Step 3: Review Status of **Implementation Actions**

- · Actions Attempted but Abandoned:
  - 2 Land Use actions greywater ordinance and engagement with professional associations
  - Abandoned due to lack of interest from other parties
- Actions Not Yet Begun:
  - 2 Regulatory actions reclassify 303(d) listings
  - 1 Land Use action source water protection guidelines
  - 2 Integrated Flood Management actions communication with floodplain managers and review of recurring flood damage losses



- Increase availability and reliability of local water supply
- · Reduce, reuse, and recycled water
- Consider water quality improvements vs. cost-benefit analysis and financial capacity assessment
- · Reduce consumption of first-use/imported water
  - Focus on consumer use and improving distribution system losses (main breaks and leaks)
- · Implement potable reuse
- Increase surface/source water augmentation
- Consider brackish and seawater desalination
  - Can help to meet energy/environmental demands
- Investigate the cost-benefit balance of groundwater conjunctive use





- Consider potential habitat and environmental benefits of storm water projects
  - Beneficial use improvements
  - Resource for habitat improvement, not solely water supply
- Integrate storm water into source water replenishment
  - Augment supply for potable reuse
- Consider green infrastructure that assists with urban forestry
  - Mitigation for climate change
- Increase public knowledge about importance of storm water as resource and watershed/water quality protection
- Emphasize the need for economic feasibility of storm water projects

Will be partially addressed by guideline updates (SWRP and SWCFS)



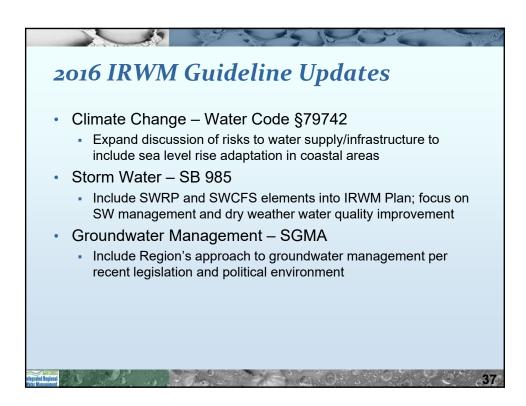
- Invest in water/energy efficiency in DAC-EDA-URC-EJ communities
- Invest/assist in necessary DAC/EDA/URC water systems improvements
  - Must address financial, technical, managerial needs

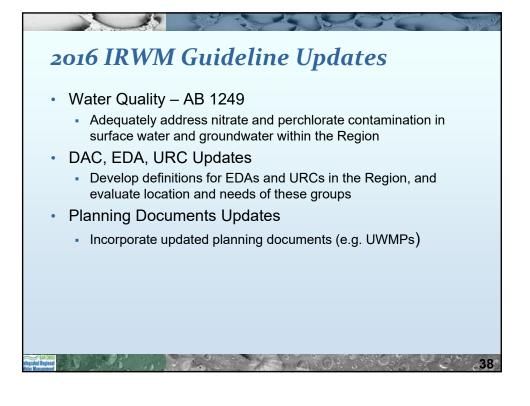
Will be partially addressed by guideline updates (DAC Needs Assessment)

35

## Area 4: Optimize Regional Infrastructure

- Utilize existing infrastructure to improve water quality and supply
- Focus on asset management to support use of existing infrastructure
  - Implement reservoir reoperation to improve efficiency and storage capacity
  - Connect reservoirs to existing systems (interties)
- Align projects with regulatory requirements achieve two goals in one project
- Transition grey infrastructure to green infrastructure
- Expand emphasis on habitat values









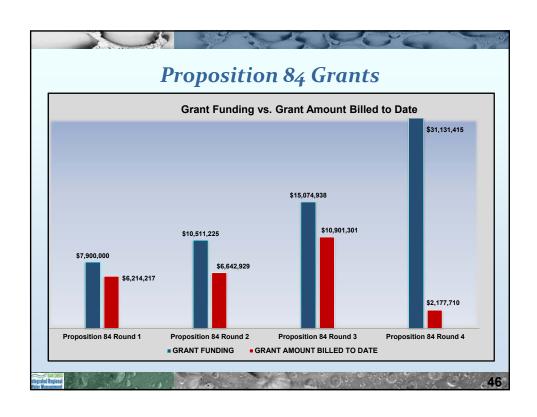


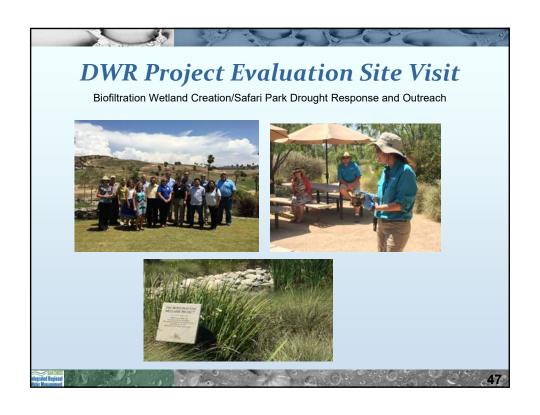






IRWM Grant Program Grant Funding Summary					
Funding Source	Date Awarded	Grant Award (\$)	# of Projects Funded	#Projects Completed/at least 80% Complete	Grant Billed to DWR (\$
Proposition 50	2008	\$25.0M	18	18	\$24.9M
Proposition 84, Plan Update	2011	\$1.0M	1	1	\$1.0M
Proposition 84, Round 1	2011	\$7.9M	11	7	\$6.2M
Proposition 84, Round 2	2014	\$10.5M	7	2	\$6.6M
Proposition 84, Round 3	2014	\$15.1M	7	3	\$10.9M
Proposition 84, Round 4	2016	\$31.1M	13	0	\$2.2M
Proposition 1, Plan Update	2017	\$250K	1	0	\$0
Proposition 1, DACI	2017	\$5.5K	9	0	\$0
Tota		\$96.4M	67	31	\$51.8M



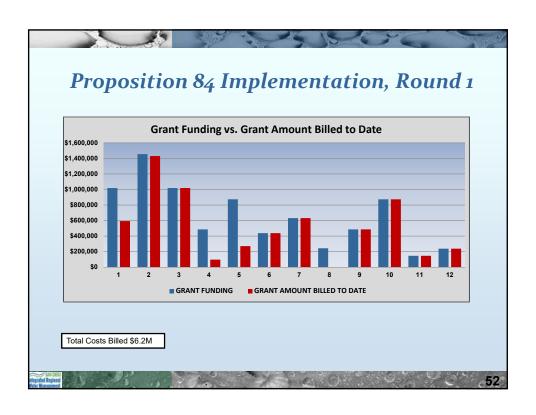




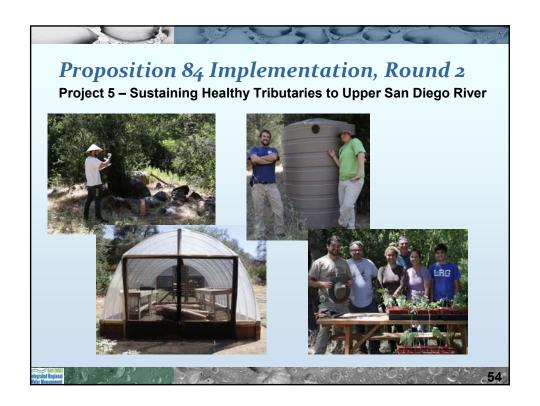


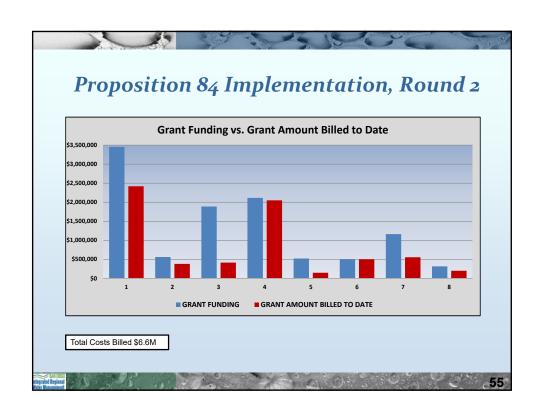




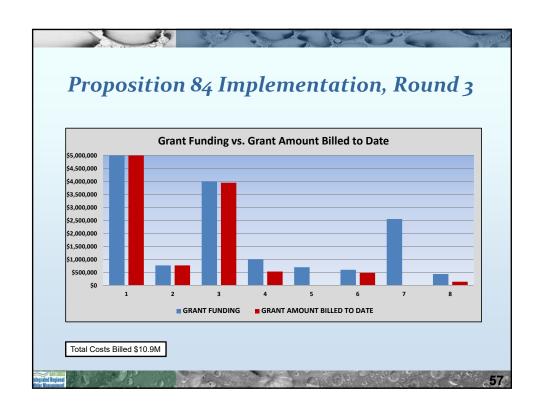




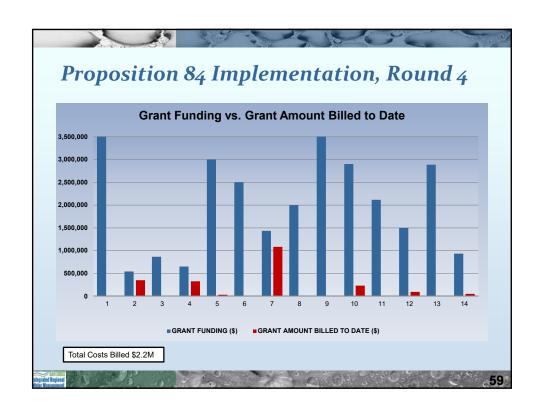




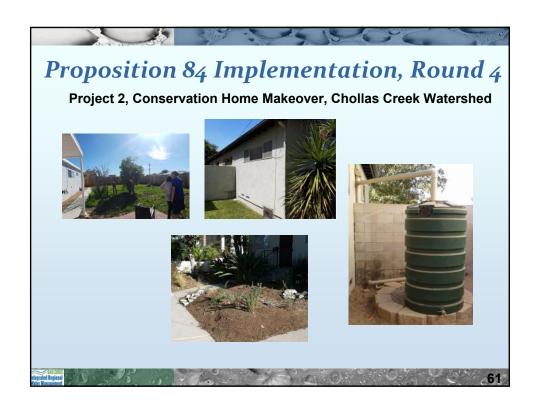














### Proposition 1 Plan Update

- Significant Milestones:
  - Secured funding with DWR Agreement approval
  - July 17, 2019- Program completion date
- Upcoming:
  - Execute Local Project Proponent (sub) agreement
  - First reporting and invoicing- November 2017

## Proposition 1 Disadvantaged Community Involvement (DACI)

- Significant Milestones:
  - August 1, 2017- Received award (\$5.5M)
  - August 31, 2017- Submitted Grant Agreement Conditional Requirements
  - June 2019\*- Program completion date
- Upcoming\*:
  - November/December 2017- Approved grant agreement
  - December/January 2017- Approve LPS Agreements
  - January/2017- Submit advance payment request
  - March 2017 First reporting deadline

\*All dates are estimates and subject to change







Current Funding Opportunities						
Project Types	Deadline	Website				
DWR Sustainable Groundwater Planning (	SGWP) Grant Program					
Category 1: Groundwater sustainability for Severe DACs Category 2: GSP planning and development	Phase 1: August - October Phase 2: December – January	http://www.water.ca.go v/irwm/grants/sgwp/in dex.cfm				
Prop 1 California Coastal Conservancy Gra	ants					
Projects consistent with the Conservancy's Strategic Plan and address one or more of the Conservancy's four priorities.	October 31, 2017	http://scc.ca.gov/grant s/proposition-1-grants/				
Title XVI Water Recycling and Reclamation	Program					
Planning, design, and construction of water recycling and reuse projects	Title XVI: December 2017 (anticipated)	https://www.usbr.gov/ watersmart/title/				
Hazard Mitigation Assistance for Flood Mit	tigation Project					
Projects and planning that reduces or eliminates long-term risk of flood damage to structures insured under the Nat'l Flood Insurance Program	NOI approved sub- applications – November 1, 2017	https://www.fema.gov/f lood-mitigation- assistance-grant- program				



