

Proposition 84 & Proposition 1 Status Update

Commission Meeting | September 15, 2020

Marie Jauregui, Project Manager

Item No.7.A.

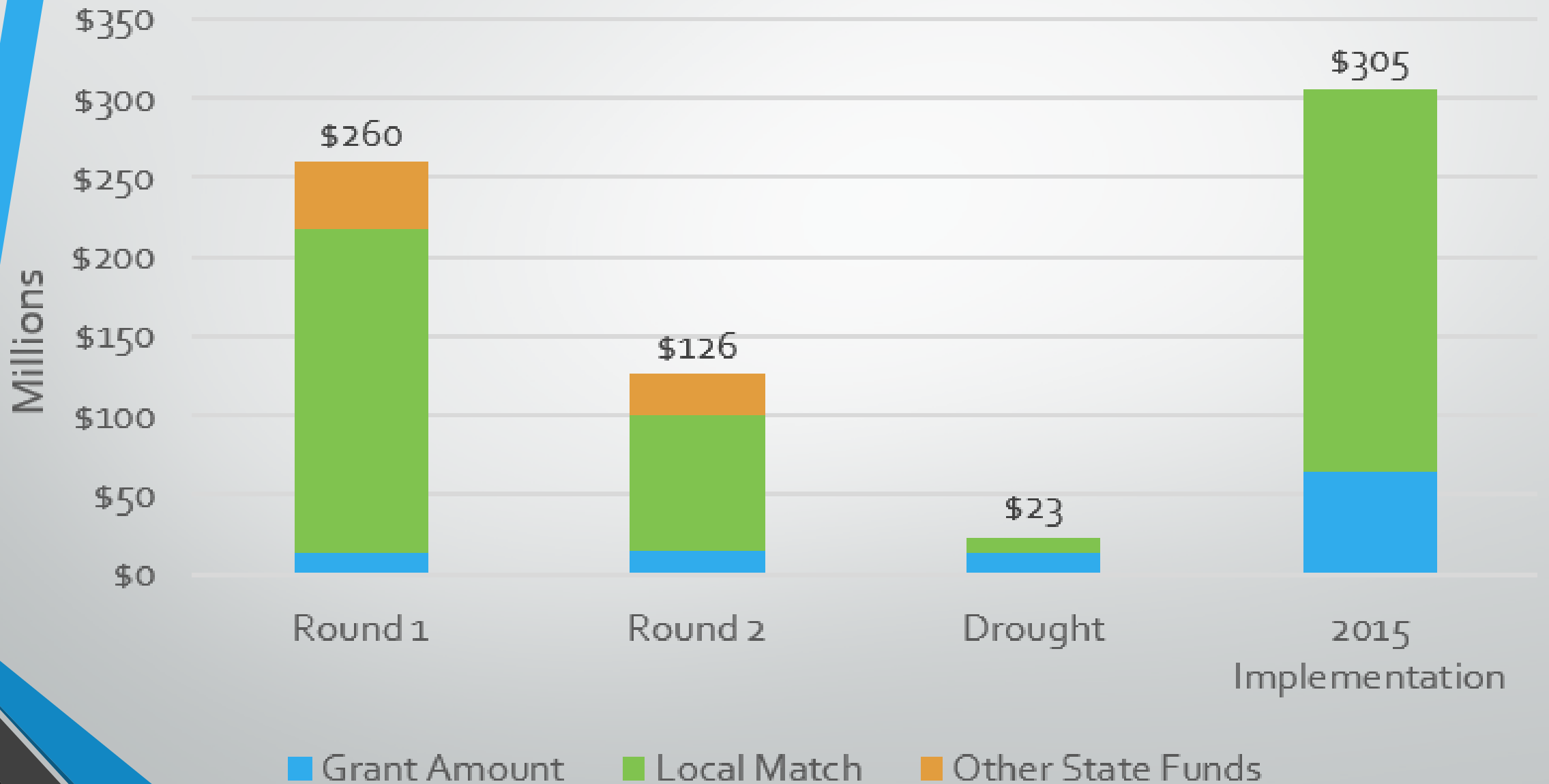



Proposition 84 Project Status

Round	No. of Projects	Projects Complete*	Grant Amount	Grant Invoiced	Total Cost
Round 1 <i>(Aug 2011 – Jun 2019)</i>	13	13	\$12.0M	\$12.0M	\$260M
Round 2 <i>(Feb 2014 – Dec 2020)</i>	18	12	\$14.5M	\$10.4M	\$126M
Drought Round <i>(Jan 2014 – Dec 2020)</i>	2	2	\$12.0M	\$12.0M	\$23M
2015 Implementation Round <i>(Feb 2014 – Dec 2020)</i>	3	0	\$61.0M	\$25.0M	\$305M
Total	36	27	\$99.5M	\$59.4M	\$714M

*Includes projects that are substantially complete

Total Project Cost Components





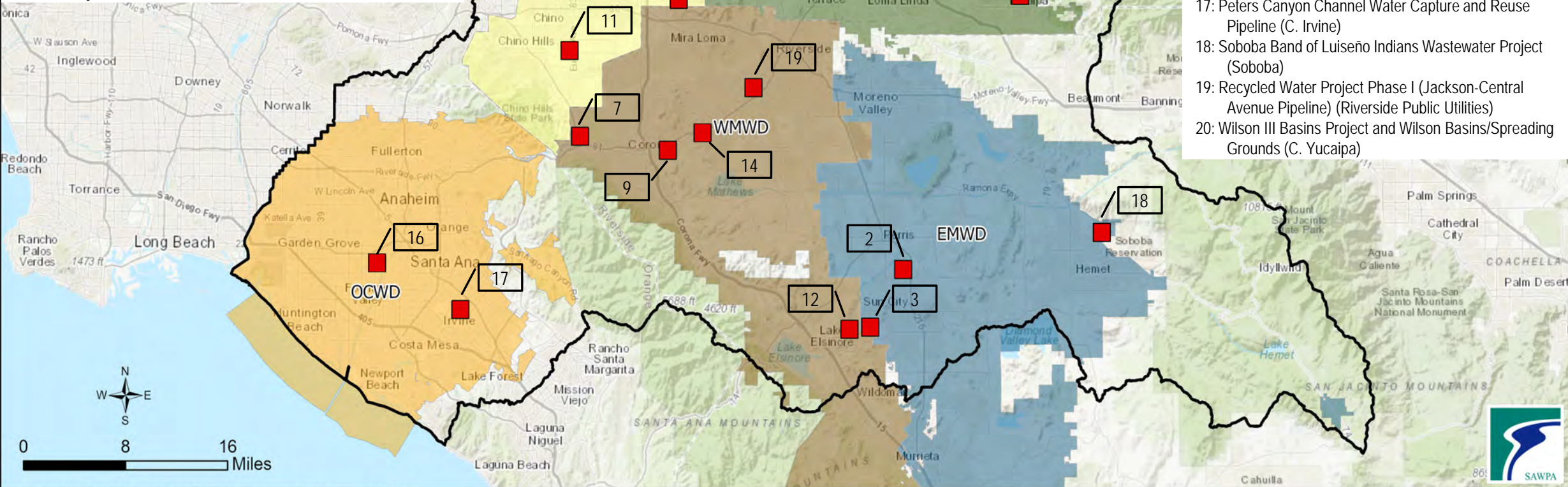
Proposition 84 Round 2 Projects

(February 2014 – July 2021)

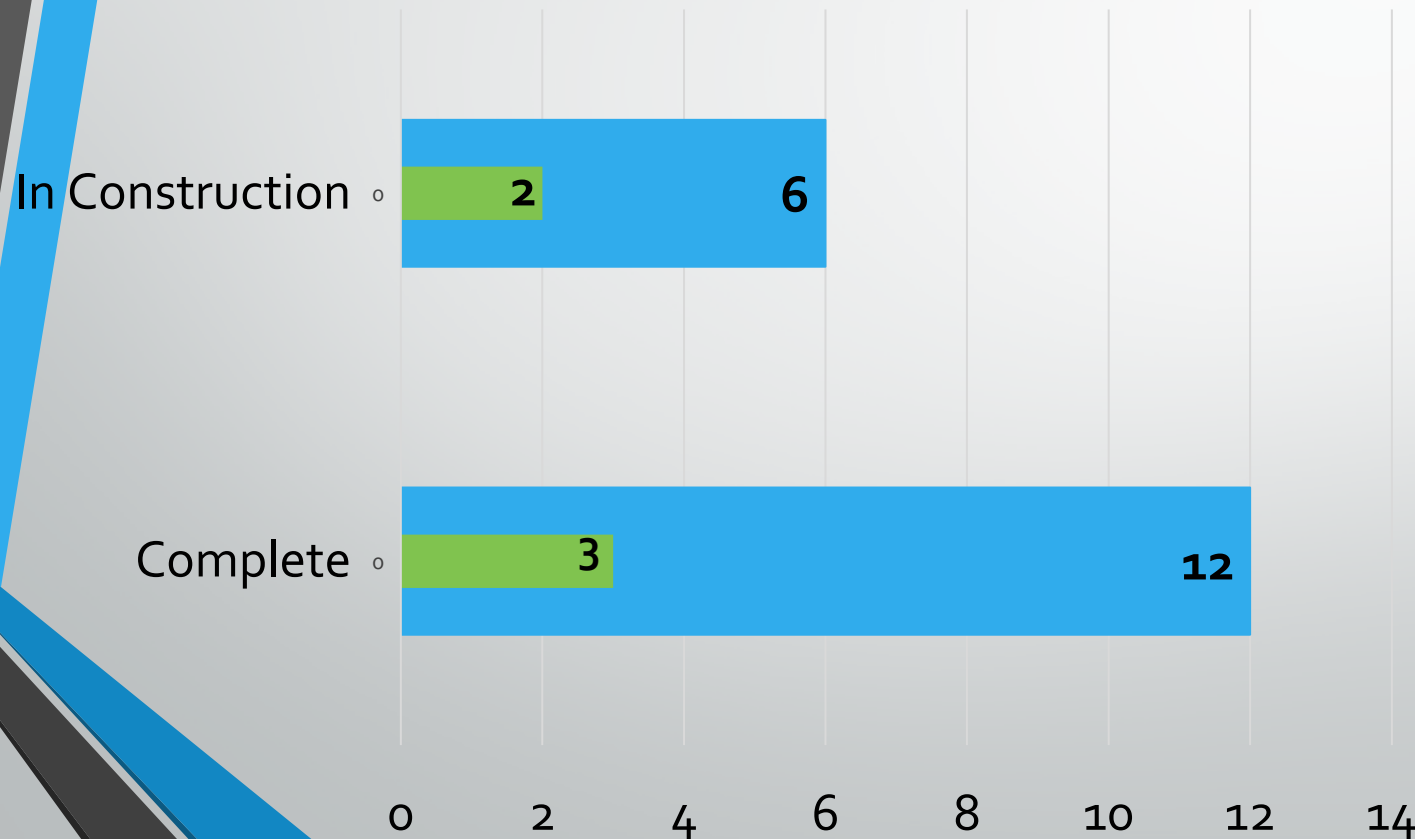
Proposition 84 Round 2 Funded Projects

- 2: Perris Desalination Program - Brackish Water Well 94 (EMWD)
- 3: Quail Valley Subarea 9 Phase 1 Sewer System Project (EMWD)
- 4: Forest First - Increase Stormwater Capture and Decrease Sediment Loading through Forest Ecological Restoration (US Forest Service)
- 5: Wineville Regional Recycled Water Pipeline and Groundwater Recharge System Upgrades (IEUA)
- 6: Plunge Creek Water Recharge and Habitat Improvement (SBVMWD)
- 7: Prado Basin Sediment Management Demonstration Project (OCWD)
- 8: San Sevaïne Ground Water Recharge Basin (IEUA)
- 9: Corona/Home Gardens Multi-Jurisdictional Water Transmission Line Project (C. Corona)
- 10: Enhanced Stormwater Capture and Recharge along the Santa Ana River (SBVMWD)
- 11: Regional Residential Landscape Retrofit Program (IEUA)
- 12: Canyon Lake Hybrid Treatment Process (LESJWA)
- 14: Customer Handbook to Using Water Efficiently in the Landscape (WMWD)
- 15: Lower Day Basin (IEUA)

- 16: Commercial/Industrial/ Institutional Performance-Based Water Use Efficiency Program (MWDOC)
- 17: Peters Canyon Channel Water Capture and Reuse Pipeline (C. Irvine)
- 18: Soboba Band of Luiseño Indians Wastewater Project (Soboba)
- 19: Recycled Water Project Phase I (Jackson-Central Avenue Pipeline) (Riverside Public Utilities)
- 20: Wilson III Basins Project and Wilson Basins/Spreading Grounds (C. Yucaipa)



Proposition 84 Round 2 Project Status Update



- 6 Projects are in Construction with 2 of those 6 starting construction in the next quarter
- 12 Projects are Complete with 3 of those 12 pending the Project Completion Report

Proposition 84 Round 2 Project Status Update

Under Construction

Project Name	Agency	Grant Amount	Required Funding Match	Additional Cost Share	Total Project Cost	% Grant Billed	% Constr. Complete	% Project Complete
Forest First	USFS	\$ 1,000,000	\$ 2,055,039 37.00%	\$ 2,499,121	\$ 5,554,160	87%	90%	95%
Plunge Creek Water Recharge and Habitat Improvement*	SBVWCD	\$ 500,000	\$ 184,731 26.00%	\$ 25,769	\$ 710,500	39%	0%	52%
Prado Basin Sediment Mgmt Demonstration Project	OCWD	\$ 750,000	\$ 1,444,000 37.00%	\$ 1,704,000	\$ 3,898,000	35%	50%	55%
Lower Day Basin	IEUA	\$ 750,000	\$ 1,531,171 37.00%	\$ 1,857,130	\$ 4,138,301	5%	18%	80%

* Construction will begin next quarter

Green – Project on schedule or ahead of schedule

Yellow/Green – Delay experienced but will finish prior to Grant Completion Date

Yellow – Delay experienced, not on schedule, unsure if project will complete on time

Orange/Red – Project behind schedule, unsure if project will complete on time, or requires additional information

Proposition 84 Round 2 Project Status Update

Under Construction*

Project Name	Agency	Grant Amount	Required Funding Match	Additional Cost Share	Total Project Cost	% Grant Billed	% Constr. Complete	% Project Complete
CII Performance Based WUE Program	MWDOC	\$ 500,000	\$ 898,179 37.00%	\$ 1,029,333	\$ 2,427,512	100%	N/A	96%
Wilson III Basins Project and Wilson Basins/ Spreading Grounds*	Yucaipa	\$ 750,000	\$ 5,176,131 39.51%	\$ 7,173,869	\$ 13,100,000	28%	0%	58%

* Construction will begin next quarter

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Proposition 84 Round 2 Project Status Update

Construction Complete – Final Report Pending

Project Name	Agency	Grant Amount	Required Funding Match	Additional Cost Share	Total Project Cost	% Grant Billed	% Constr. Complete	% Project Complete
Quail Valley Subarea 9 Phase I Sewer System	EMWD	\$ 1,930,000	\$ 2,960,000 37.00%	\$ 3,110,000	\$ 8,000,000	25%	100%	99%
Enhanced SW Capture/Recharge Along the SAR	SBVMWD	\$ 1,000,000	\$ 11,581,000 87.88%	\$ 597,200	\$ 13,178,200	100%	100%	95%
Recycled Water Project Phase I	Riverside	\$ 1,000,000	\$ 4,283,000 35.88%	\$ 6,655,000	\$ 11,938,000	50%	50%	50%

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Proposition 84 Round 2 Project Status Update

Construction Complete – Retention Released

Project Name	Agency	Grant Amount	Required Funding Match	Additional Cost Share	Total Project Cost	% Grant Billed	% Constr. Complete	% Project Complete
Perris Desalination Program Well 94	EMWD	\$ 1,000,000	\$ 0 0.00%	\$ 9,238,280	\$ 10,238,280	100%	100%	100%
Wineville Regional Recycled Water Pipeline/GW Recharge System Upgrades	IEUA	\$ 1,000,000	\$ 0 0.00%	\$ 29,500,000 ¹	\$ 30,500,000	100%	100%	100%
Corona/Home Gardens Multi-Jurisdictional Wtr Transmission Line	Corona	\$ 1,300,000	\$ 2,327,494 37.00%	\$ 2,663,031	\$ 6,290,525	100%	100%	100%
San Sevaine GW Recharge Basin	IEUA	\$ 750,000	\$ 925,001 32.34%	\$ 1,184,999	\$ 2,860,000	100%	100%	100%

¹ \$29,500,000 in Other State Funds

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Proposition 84 Round 2 Project Status Update

Construction Complete – Retention Released

Project Name	Agency	Grant Amount	Required Funding Match	Additional Cost Share	Total Project Cost	% Grant Billed	% Constr. Complete	% Project Complete
Regional Residential Landscape Retrofit	IEUA	\$ 500,000	\$ 370,000 37.00%	\$ 130,000	\$ 1,000,000	100%	N/A	100%
Canyon Lake Hybrid Treatment Process	LESJWA	\$ 500,000	\$ 327,635 37.00%	\$ 57,865	\$ 885,500	100%	100%	100%
Customer Handbook to Using Water Efficiently	WMWD	\$ 120,000	\$ 42,000 25.93%	\$ 0	\$ 162,000	100%	N/A	100%
Peters Canyon Channel Water Capture and Reuse Pipeline	Irvine	\$ 1,000,000	\$ 3,211,086 37.00%	\$ 4,467,523	\$ 8,678,609	100%	100%	100%
Soboba Band of Luiseno Indians Wastewater Project	Soboba	\$ 147,905	\$ 53,000 26.38%	\$ 0	\$ 200,905	100%	N/A	100%

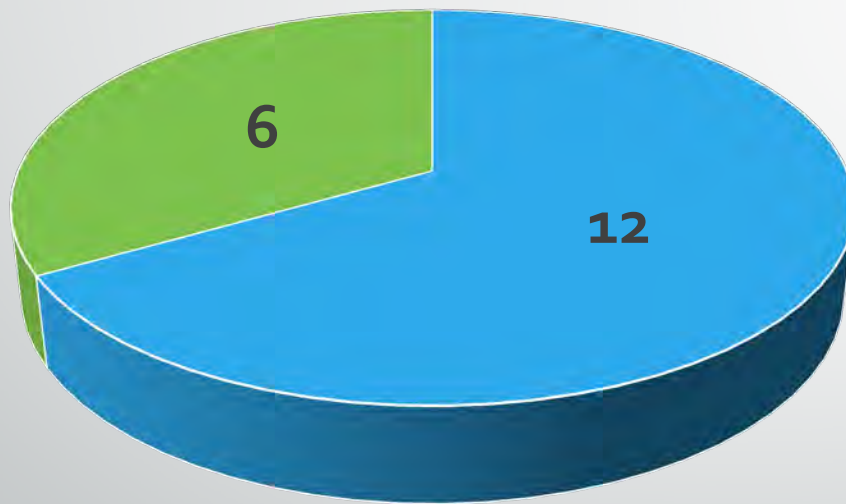
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Proposition 84 Round 2 Project Status Update



■ Complete ■ On Schedule

- Amendment No. 4 was fully executed by DWR on July 23, 2020
 - Time extension (July 31, 2021)
 - Scope, budget, schedule changes
 - Minor adjustments to deliverables



Proposition 1 Round 1 Projects

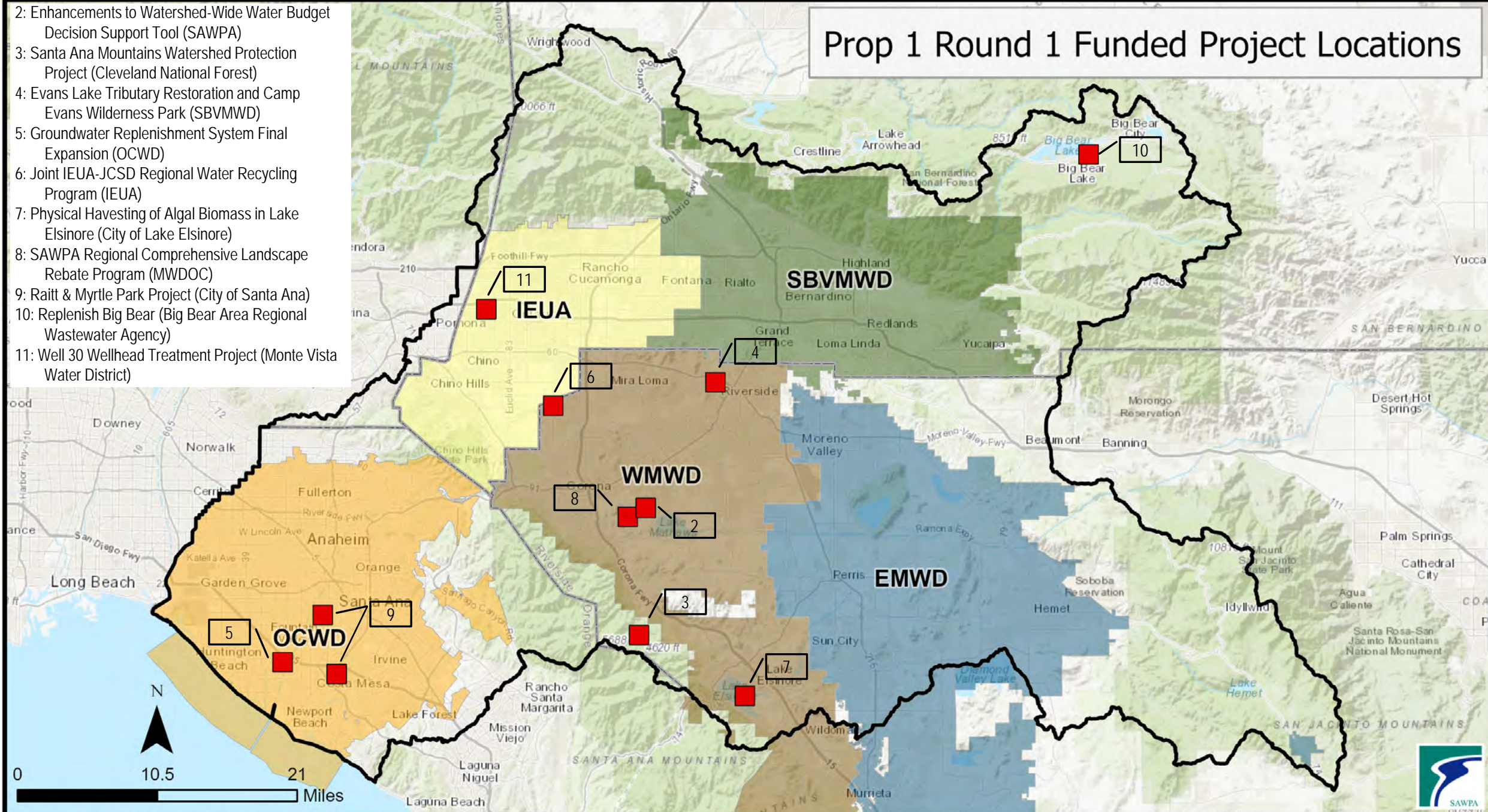
(January 2015 – December 2025)

Status of Draft Agreement

- Required Pre-Agreement deliverables submitted to DWR on August 5, 2020
- Staff is working with DWR and project proponents to resolve outstanding comments to scope/budget/schedule
- Gathering resolutions from project proponents
 - This needs to be done before Agreement can be executed

Prop 1 Round 1 Funded Project Locations

- 2: Enhancements to Watershed-Wide Water Budget Decision Support Tool (SAWPA)
- 3: Santa Ana Mountains Watershed Protection Project (Cleveland National Forest)
- 4: Evans Lake Tributary Restoration and Camp Evans Wilderness Park (SBVMWD)
- 5: Groundwater Replenishment System Final Expansion (OCWD)
- 6: Joint IEUA-JCSD Regional Water Recycling Program (IEUA)
- 7: Physical Harvesting of Algal Biomass in Lake Elsinore (City of Lake Elsinore)
- 8: SAWPA Regional Comprehensive Landscape Rebate Program (MWDOC)
- 9: Raitt & Myrtle Park Project (City of Santa Ana)
- 10: Replenish Big Bear (Big Bear Area Regional Wastewater Agency)
- 11: Well 30 Wellhead Treatment Project (Monte Vista Water District)



Proposition 1 Round 1 Update

Project Name	Agency	Grant Amount	Required Funding Match	Additional Cost Share	Total Project Cost	% Cost Share
Enhancements to Watershed-Wide Water Budget Decision Support Tool	SAWPA	\$ 500,000	\$ 864,354	\$ 364,354	\$ 1,728,708	50%
Santa Ana Mountains Watershed Protection Project	Cleveland National Forest	\$ 497,998	\$ 0	\$ 732,144	\$ 1,230,142	0%
Evans Lake Tributary Restoration and Camp Evans Wilderness Park ²	SBVMWD	\$ 2,000,000	\$ 3,017,736	\$ 1,017,735	\$ 6,035,471	50%
Groundwater Replenishment System Final Expansion	OCWD	\$ 3,589,553	\$ 10,000,000	\$ 2,694,545	\$ 16,284,098	61%

² This project will be added via Amendment; CEQA is expected to be complete in June 2021

Proposition 1 Round 1 Update

Project Name	Agency	Grant Amount	Required Funding Match	Additional Cost Share	Total Project Cost	% Cost Share
Joint IEUA-JCSD Regional Water Recycling Program	IEUA	\$ 2,617,970	\$ 16,555,000	\$ 13,937,030	\$ 33,110,000	50%
Physical Harvesting of Algal Biomass in Lake Elsinore – Pilot Program	City of Lake Elsinore	\$ 297,000	\$ 0	\$ 0	\$ 297,000	0%
Regional Comprehensive Landscape Rebate Program	MWDOC	\$ 2,767,344	\$ 2,787,218	\$ 0	\$ 5,554,562	50%
Raitt & Myrtle Park ²	City of Santa Ana	\$ 1,670,000	\$ 0	\$ 246,500	\$ 1,916,500	0%

² This project will be added via Amendment; Permitting is expected to be complete in early 2021

Proposition 1 Round 1 Update

Project Name	Agency	Grant Amount	Required Funding Match	Additional Cost Share	Total Project Cost	% Cost Share
Replenish Big Bear ³	BBARWA	\$ 4,563,338	\$ 0	\$ 36,853,662	\$ 41,417,000	0%
Well 30 Wellhead Treatment	MVWD	\$ 3,431,225	\$ 9,980,024	\$ 3,400,000	\$ 16,811,249	59%

³ DAC project; received a waiver for required funding match



Questions?

Disadvantaged Communities Involvement Program

Status Report

**Rick Whetsel, Senior Watershed Manager
SAWPA Commission | September 15, 2020
Item No. 7.B.**











Disadvantaged Communities Involvement Program (DCI) Program

DWR established the Disadvantaged Community Involvement Grant Program to support the following objectives:

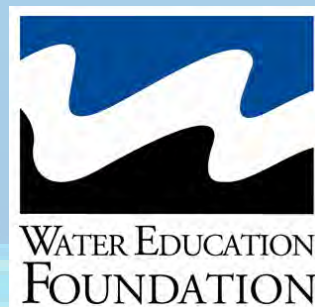
- 1) Work collaboratively to **involve DACs**, community-based organizations, and stakeholders in IRWM Planning efforts
- 2) Increase the understanding, and identify the **water management needs** of disadvantaged communities
- 3) Develop strategies and long-term solutions that appropriately address the identified DAC water management needs
- 4) **Support technical assistance** for planning of future construction projects including feasibility, design, CEQA, etc. - Not construction at this stage.



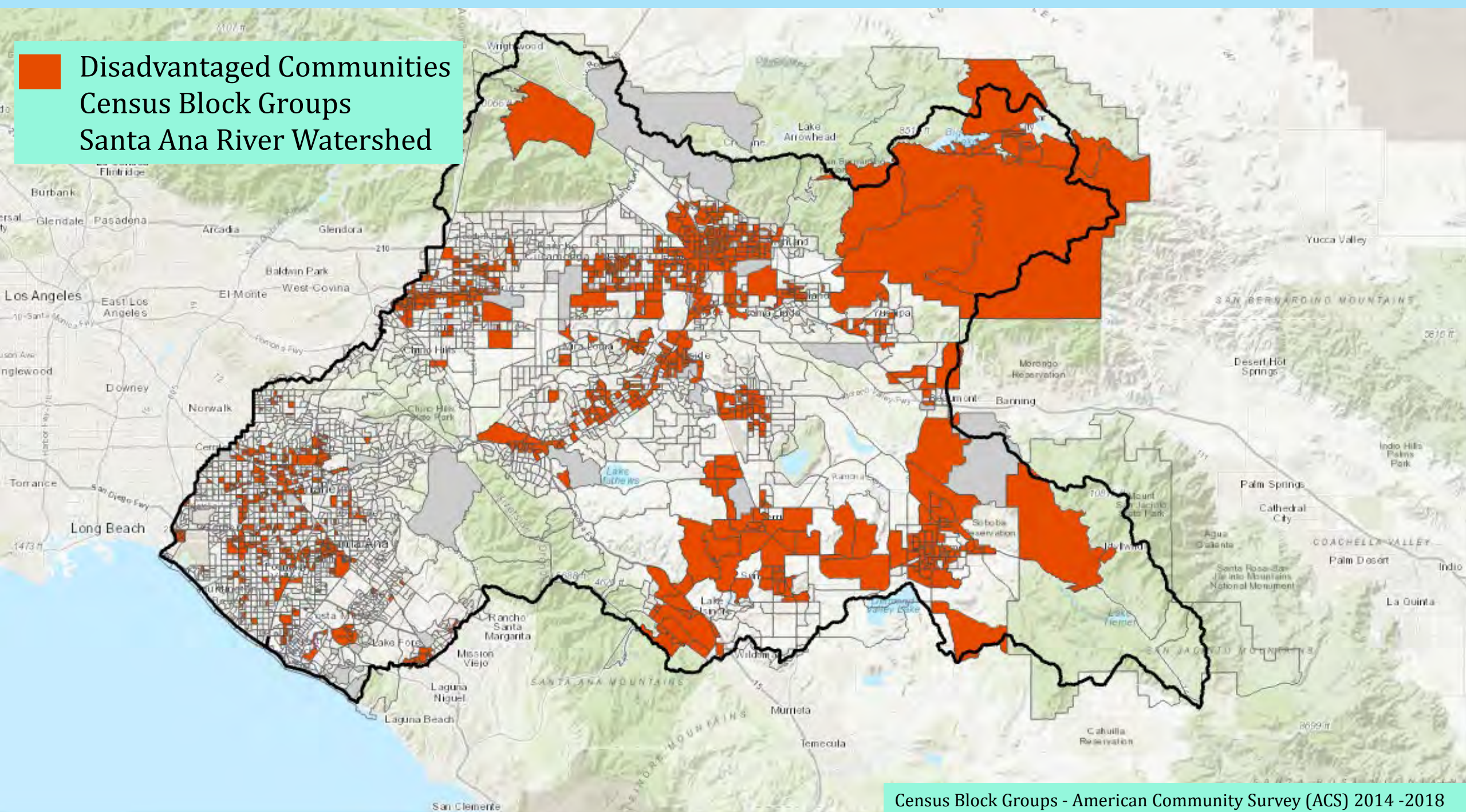
Disadvantaged Communities Involvement (DCI) Grant Program Eligible Grant Activities		In SAWPA Scope
General Activity	Examples of Activity	
Technical assistance	Service provider trainings, local circuit rider programs to train water and wastewater staff	
Needs assessments	Surveys or meetings with community members to identify water management needs	
Project development activities	Planning activities, environmental compliance, or pre-construction engineering/design activities	
Site assessment	Water quality assessments, median household income surveys, data and mapping activities	
Engagement in IRWM efforts	DAC regional engagement coordinator role, DAC Advisory Committee to RWMG, DAC representatives in governance	
Governance Structure	Evaluation of governance structures and plan financing efforts, assessments of the level of DAC involvement in decision making processes	
Community outreach	Public project meetings open to community members, door-to-door outreach	
Education	Translation or interpretive services for information sharing, water education campaigns for community members, education for RWMGs on DAC needs	
Facilitation	Facilitated RWMG meetings, facilitated project development meetings	
Enhancement of DAC in IRWM Plans	Development of Funding Area-wide DAC plan to be utilized as a unified approach for all IRWM plans	

Program Partners

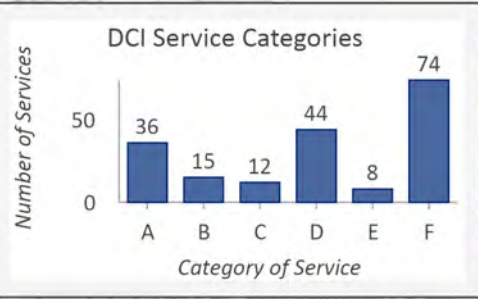
Leveraging Resources for Biggest Impact



Disadvantaged Communities
Census Block Groups
Santa Ana River Watershed



SAWPA Disadvantaged Community (DAC) Involvement Program - DAC Census Block Groups Benefited



- DCI Service Categories**
- A Community Listening/Feedback Sessions
 - B Intern Support
 - C Technical Assistance Funding
 - D Translation Services
 - E Trust the Tap
 - F Watershed Ambassador Program

Note:
Numbers on map indicate number of services used for each City/Community.

Legend

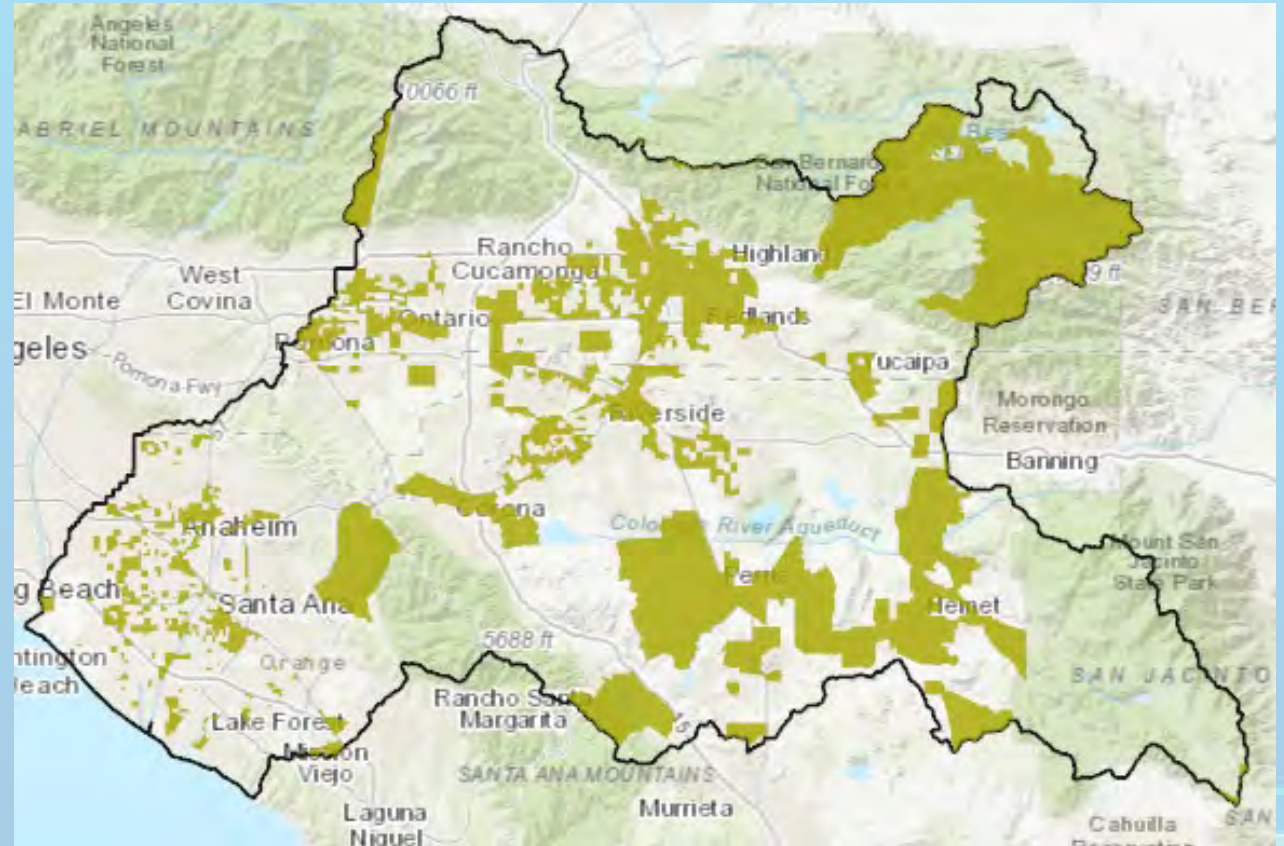
- DAC Census Block Groups
- Cities/Communities
- Number of Services Used
- 1-2
- 3-4
- 4-6
- 7-9
- 10-12
- Universities

Income data for census block groups from American Community Survey (ACS) 2014-2018.
DAC census blocks are those with median household income less than 80% of the Statewide median household income of \$71,228.



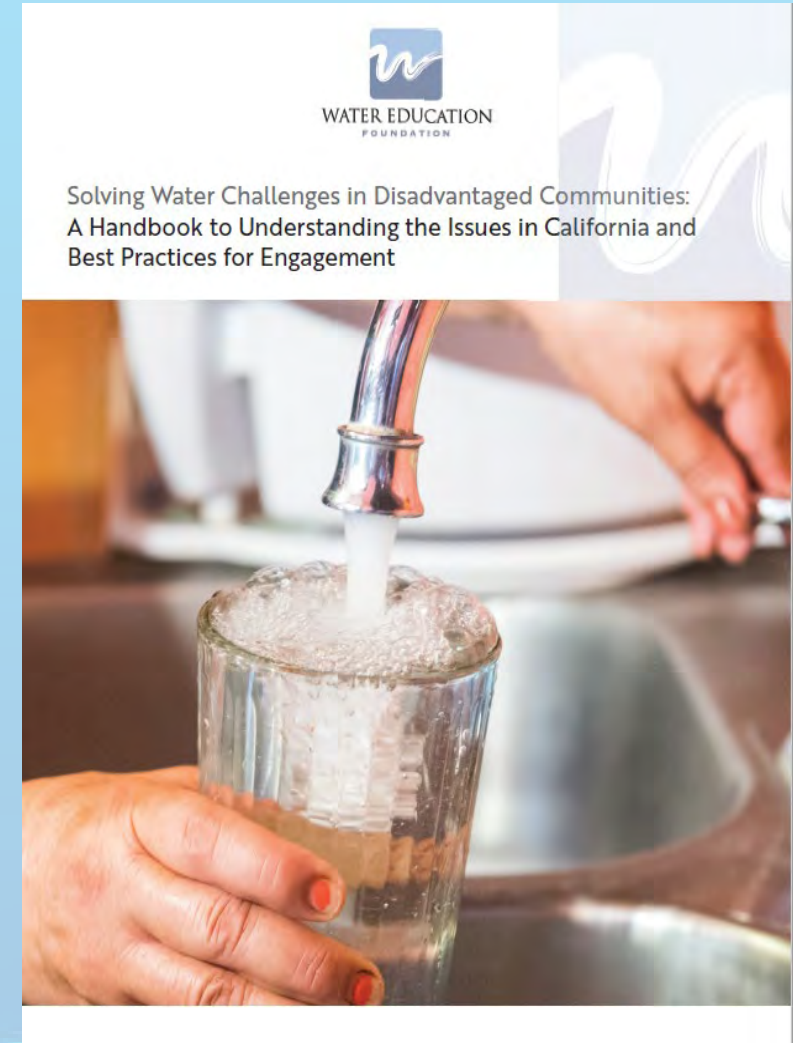
DCI Program Elements

1. Strengths and Needs Assessment
2. Education and Engagement
3. Project Development
4. Administration



Engagement Best Practices Publication

- Objective: Produce publication to report on engagement of disadvantaged communities and water management
- Case studies from around the state, including the SAWPA region
- Format: Printed publication distributed Statewide
- Activity Lead: Water Education Foundation
- Completion Date: July 2020



Disadvantaged Communities and Tribal Involvement Lessons Learned Summit

- SAWPA hosted statewide virtual Summit
- Focus on Disadvantaged Communities and Tribes Lessons Learned through the Prop 1 IRWM Program
- Highlights SAWPA DACI Program
 - Includes findings from other IRWM regions around the State
- Event Planning Committee Led by SAWPA
 - Includes DWR, other IRWM Regions and NGOs
- Proposed Schedule:
 - 3 virtual events lasting approximately 4 hours each (9:00 - 1:00)
 - Dates: Thur 10/8/20, Tue 10/13/20, Wed, 10/14/20
- Key Deliverable: Summary Findings Report



Technical Assistance for Community Need

- Objective: Technical Assistance (TA) funding to support the development of projects and programs that address the water needs of disadvantaged and underrepresented communities.
- Requires evaluation of projects, plans, and programs following set of evaluation criteria developed by DCI Technical Advisory Committee (TAC)
- Allocated Funding \$2.9 M
- Work is ongoing



DCI Program Technical Assistance Funding

TA Award	Project Sponsor:	Project Title:
\$25,630	CRWA / CSU WRPI	Median Household Income Surveys
\$74,441	SAWPA	Assessing the Water Quality, Riparian, and Aquatic Habitat Impacts of Homelessness in the Upper Santa Ana River Watershed
\$350,000	Soboba Band of Luiseno Indians	Residential Asbestos Cement Pipe Abandonment and Replacement Project
\$500,000	Big Bear Area Regional Wastewater Agency	Replenish Big Bear
\$121,939	California Rural Water Association	Tribal Advisory Committee (Tribal AC)
\$175,000	Box Springs MWC	Rehabilitation, Removal or Replacement of Water Storage Reservoirs with SCADA
\$200,000	City of Colton	Two New Potable Wells with Generators
\$100,000	Devore WC	New Reservoir, Distribution System Upgrades and New Well
\$150,000	Idyllwild WD	Water Treatment Plant Upgrade with SCADA
\$100,000	Marygold MWC	New Well and Generator Project
\$25,000	Riverside Highland WC	Ion Exchange System
\$250,000	Terrace MWC	New Potable Well
\$200,000	Eastern Municipal WD	Quail Valley Sub-Area 4 Septic to Sewer, Phase 1 Planning Analysis
\$277,990	City of Rialto	Bohnert/Banyon Septic to Sewer Project
\$100,000	Orange County WD	Watershed Education and Field Trip Program for Disadvantaged Community Elementary School Students
\$100,000	City of Fullerton	Fullerton's Water Future - Ensuring Delivery of Clean, Safe Drinking Water
\$50,000	Huerta del Valle	Reconnecting and Enhancing Water Resources for greater community and environmental benefit.
\$100,000	City of Santa Ana	Washington Avenue Well Project
\$2,900,000	Total Technical Assistance funding Awarded	

CivicSpark Fellows Program

- Objective: Host two CivicSpark Water Action Fellows each year of the program to support program implementation.
- Activity Lead: CSUSB / Civic Spark Fellows
- Year 2020 CivicSpark Fellow: Bailey Lai
- Program Closed Out: July 2020
- Bailey Lai continuing support to DACI Program as consultant for SAWPA through Project Partners until end of the Year



DCI Program Budget (through Q2 2020)

Program Element		Budget	Expenses	Balance	% Spent
1	Strengths & Needs	\$ 898,644	\$ 898,644	\$ -	100%
2	Engagement / Education	\$ 1,853,068	\$ 1,495,135	\$ 357,933	81%
3	Project Development	\$ 3,233,288	\$ 1,524,652	\$ 1,708,636	47%
4	Administration	\$ 315,000	\$ 216,963	\$ 98,037	69%
	Total	\$ 6,300,000	\$ 4,135,395	\$ 2,164,605	66%



Program Schedule

Element / Activity		2020 Q3	2020 Q4	2021 Q1	2021 Q2	2021 Q3
PE 1	Strengths & Needs Assessment					
PE 2	Engagement / Education					
12	Engagement Best Practices Publications					
14	Community Water Education					
15	Water Agency Engagement Training					
16	Local Elected Leader Training					
PE 3	Project Development					
18	Technical Assistance / Project Implementation					
20	CivicSpark Water Fellows					
PE 4	Grant Administration					

Questions

