



# **Santa Ana Watershed Project Authority**

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## **Sacramento Update**

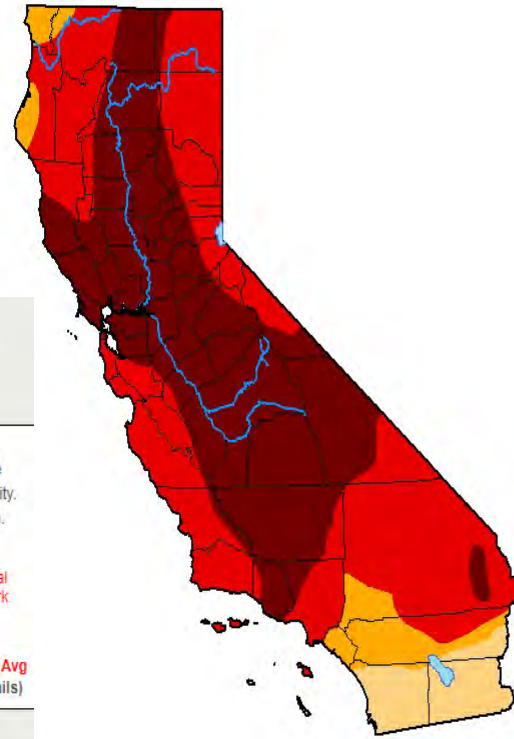
October 5, 2021

Michael Boccadoro &  
Beth Olhasso

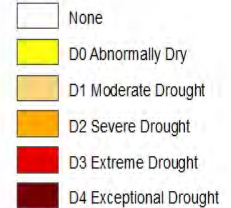


**West Coast Advisors**  
*Strategic Public Affairs*

# Drought Update



**Intensity:**



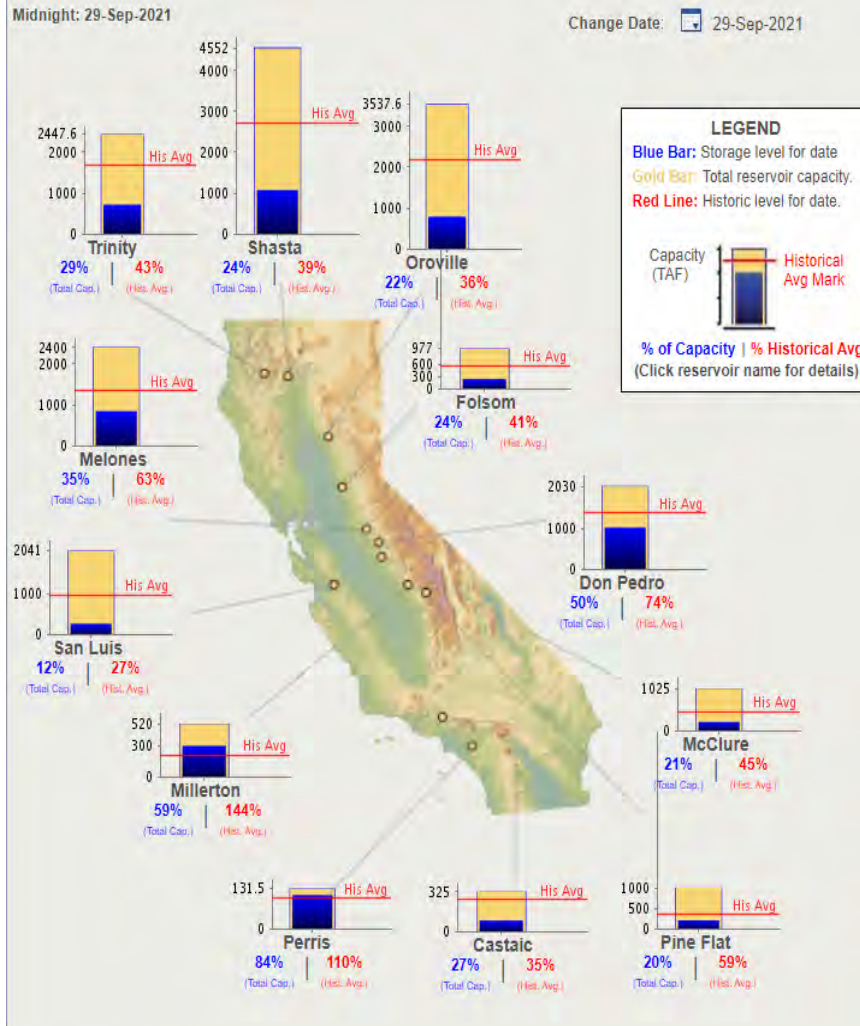
The Drought Monitor focuses on broad-scale conditions. Local conditions may vary. For more information on the Drought Monitor, go to <https://droughtmonitor.unl.edu/About.aspx>

**Author:**

Brian Fuchs  
National Drought Mitigation Center




[droughtmonitor.unl.edu](https://droughtmonitor.unl.edu)




- Governor called for 15% voluntary reductions  
 → 1.8% conservation in July
- Sec. Crowfoot "will watch how CA does on conservation over the winter... no set date for mandatory conservation."

# Legislative Update

- 
- Legislature Adjourned Sept 10
    - 2,776 bills introduced
    - 1,672 passed: 703 signed; 5 vetoed; 396 awaiting action\*
  - AB 818 (Bloom): Non-flushable products- On Governor's Desk
  - SB 273 (Hertzberg): Stormwater Capture- Signed by Governor
  - SB 222 (Dodd): Water Rate Assistance Program- Held by Author
  - SB 323 (Caballero): Private Right of Action: Water Agencies- Signed by Governor

# Drought Funding

- 
- **\$8.2 billion for drought and climate resilience for 2021-2024**
    - ➔ \$200M for multi-benefit projects that align with the goals of IRWM
    - ➔ \$650M for drinking water- prioritizing DACs
    - ➔ \$650M for wastewater- prioritizing septic-to-sewer conversion
    - ➔ \$400M for recycled water & groundwater cleanup
    - ➔ \$250M for regional climate resilience- planning and implementation
    - ➔ \$420M for Transformative Climate Communities Program at Strategic Growth Council



**Thank You**



**Questions?**

# Proposition 1 Round 2 Integrated Regional Water Management Grant Competition Process

Ian Achimore, Senior Watershed Manager  
SAWPA Commission | October 5, 2021  
Item No. 7.A.





# Purpose of Presentation

- ▶ Brief the Commission regarding the recent OWOW Steering Committee approval of the OWOW rating and ranking criteria updates, and
- ▶ Receive feedback from the Commission regarding the OWOW rating and ranking criteria.



# Rating and Ranking Criteria Changes for Commission Feedback

- ▶ Benefit area clarification for inland water bodies to include a ten-mile buffer area,
- ▶ A replacement of Round 1's two competition pools of large and small projects, to two new pools for general implementation and disadvantaged community (DAC) projects,
  - ▶ The DAC benefit pool will also allow for single benefit and single jurisdictional projects to request grant funding. This update will require an update to OWOW Steering Committee's Proposition 1 IRWM Implementation Grant – OWOW Program Policy.
- ▶ Ranking formula updates including:
  - ▶ Combining of benefit categories and rounding of weighting factors,
  - ▶ Adding extra percentage point categories.



# Disclaimer About the Recommendation Approved by the Steering Committee

- ▶ If the draft PSP is released in October, 2021 (as currently stated by DWR staff) and has **minimal changes** that impact the OWOW rating and ranking criteria updates, the OWOW Call for Projects would last from November 2021 to February 2022.
- ▶ If DWR makes **major changes** in the draft PSP, the call for projects would be delayed in order to gather further input from stakeholders and bring an updated recommendation of the OWOW rating and ranking criteria to the Steering Committee and SAWPA Commission at future meetings.



# Example Projects for General Implementation Category

- ▶ *Integrated Regional Water Management* - what does it mean?
  - ▶ The first word “integrated” = multiple benefits
  - ▶ The second word “regional” = multiple partners, covers a larger area

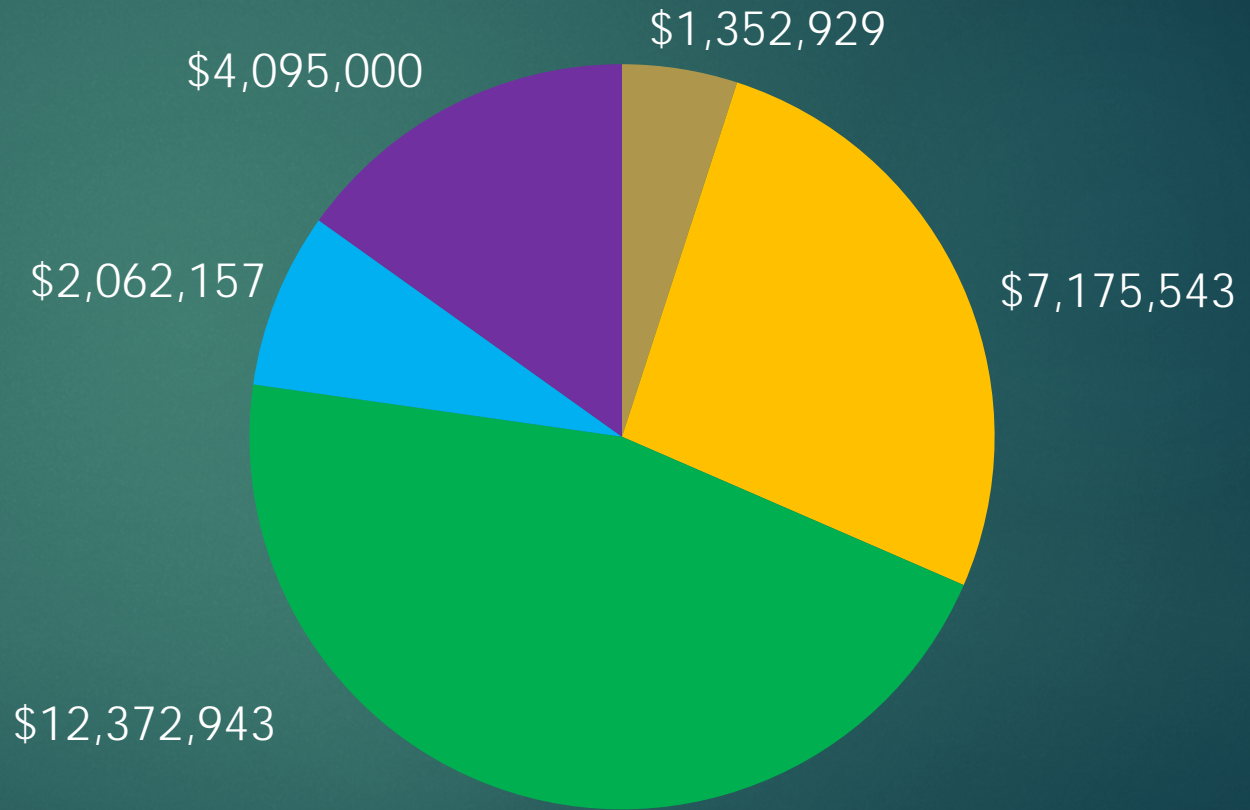
Staff proposing a separate competition pool for DAC single benefit and jurisdictional projects

# Prop 1 Round 2 Amounts by Category

## Santa Ana River Watershed

Categories created by Agreement executed with North Orange County IRWM Group in 2019:

- Grant Admin
- North Orange County\*
- Upper Watershed
- Watershed Wide
- DAC Implementation



**Total = \$27,058,572**

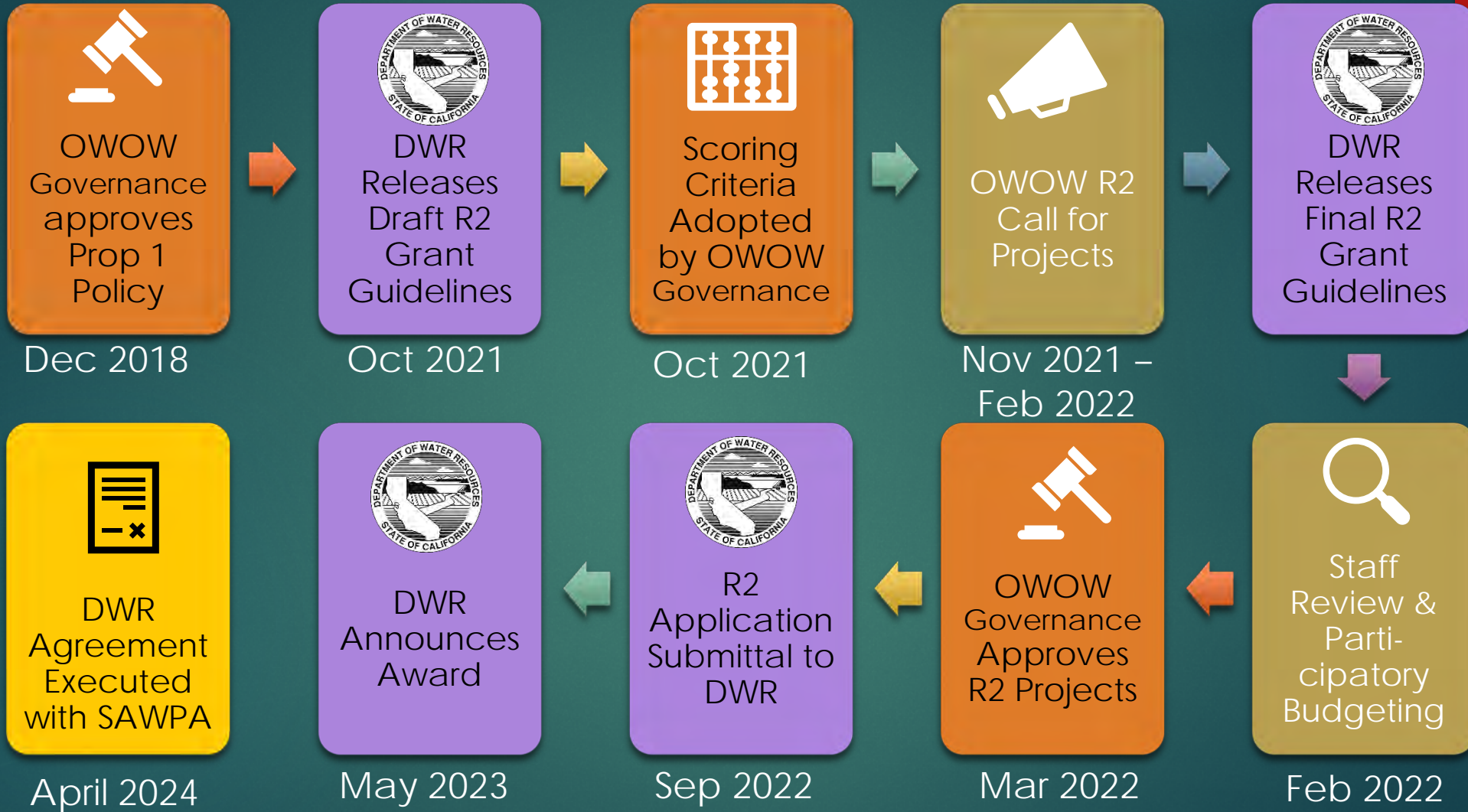
\*Includes \$989,072 carry over from Round 1



# High-Level Draft\* Round 2 (R2) Schedule

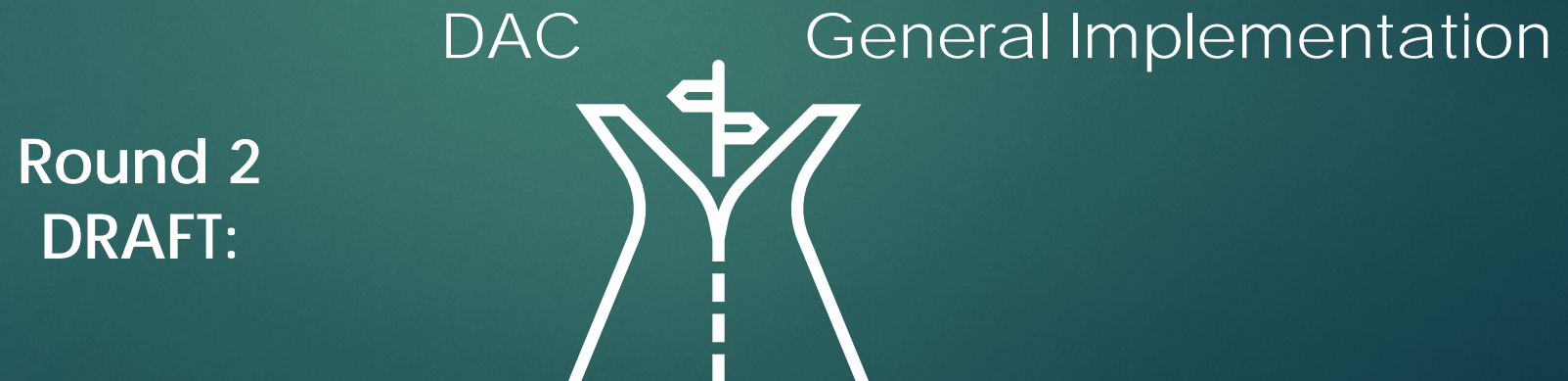
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Jan 2022



\*Schedule assumes DWR will release draft Proposal Solicitation Package (PSP) by October 2021, and all other Round 2 deadlines will reflect the same timing of the Round 1 schedule of events.

# Competition Pool Draft Update for Round 2



Note: Small/Large Project cutoff was \$500k grant request.



# Recommended Round 2 Competition Pools (Not including North OC)

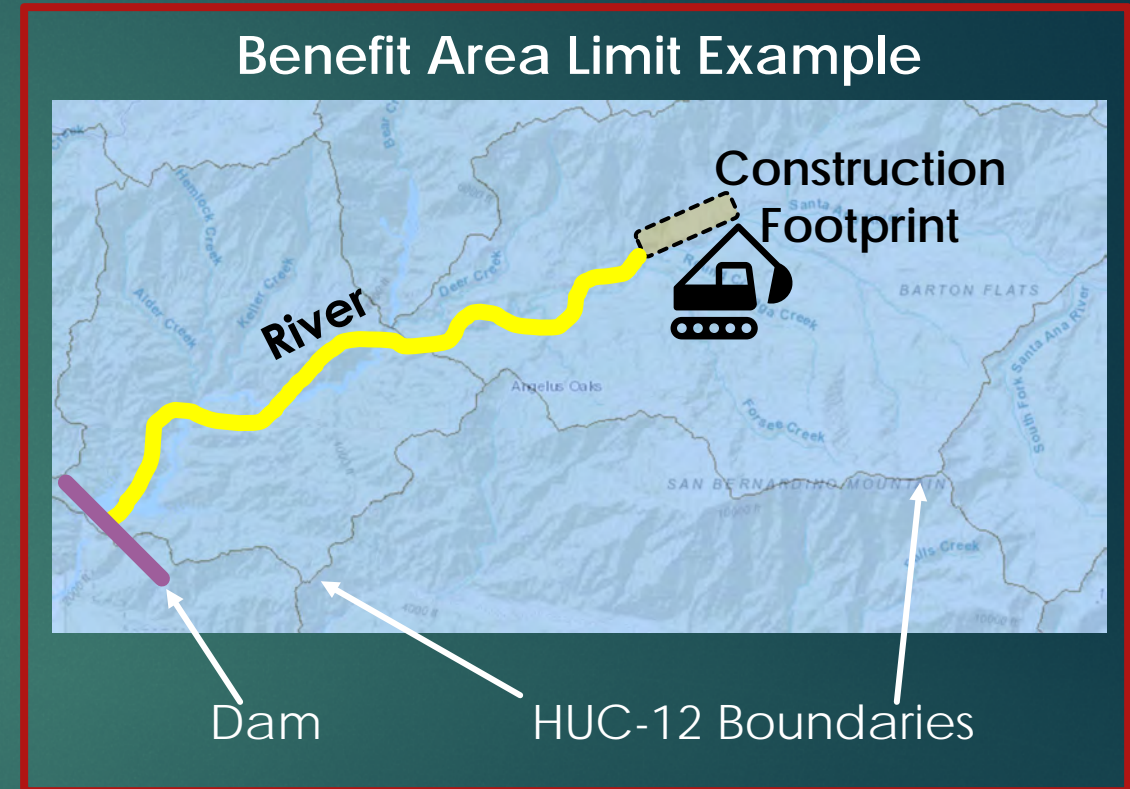
Competition Pools	Grant Amount
DAC	\$4,095,000
General Implementation	\$14,435,100
Upper Watershed*	\$12,372,9423
Watershed Wide*	\$2,062,157
<b>DAC and General Total</b>	<b>\$18,530,100</b>

\*Not a competition pool, funding gets distributed after projects are submitted and highest scoring projects are determined.



# Benefit Area **Change**

- ▶ Benefit Area limits include the following (listed by project benefit type):
  - ▶ **Ecosystem Projects:** US Geological Survey designated HUC-12\* level watersheds,
  - ▶ **Surface Water Quality and Groundwater Quality:** HUC-12s and DWR-118 Groundwater Basins,
  - ▶ **Coastal water quality/recreation:** 10-mile buffer areas, and
  - ▶ **Inland water body open to public:** 10-mile buffer areas.
    - ▶ Was previously 1/2-mile buffer area, and
    - ▶ Found literature on water quality and recreation that uses 10-mile benefit area.



\*HUC = Hydraulic Unit Code (more info: <https://water.usgs.gov/GIS/huc.html>)

# Recommendation for General Implementation

## Round 1:

#	Benefit Category	WF*
1	Water supply reliability, efficiency	9.2
2	Groundwater recharge and management	8.9
3	Reclaim water, treat and convey	8.5
4	Multipurpose flood & Stormwater	8.4
5	Watershed / ecosystem / wetland	7.7
6	Benefits to members of DACs	7.7
7	Benefits large area of watershed	7.6
8	Drinking water treatment, distribution	7.4
9	Contains public education component	7.4
10	Non-point source pollution, reduce, etc.	7.1
11	Fisheries restoration / protection	6.9
12	Removal invasive non-native species	6.3

## Update for Round 2:

#	Benefit Category	WF*
1	Water Supply	9
2	Water Quality Improvement	8
3	Stormwater Protection	8
4	Habitat Improvement	7
5	Percentage of DAC/EDA Area	6
6	Climate Change Adaptation/Mitigation	7

#	Extra %s	+%
1	Tribal Lead	10%
2	Regional	15%
3	New and Innovative	5%
4	Non-Governmental Org. Partner	5%

\*WF = Weighting Factor



# Recommendation for DAC

## Round 1:

#	Benefit Category	WF*
1	Water supply reliability, efficiency	9.2
2	Groundwater recharge and management	8.9
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\*WF = Weighting Factor

## Update for Round 2:

#	Benefit Category	WF*
1	Water Supply	9
2	Water Quality Improvement	8
3	Stormwater Protection	8

#	Extra %s	+%
1	Tribal Lead	10%
2	Non-Governmental Organization Partner or Lead	5% (or 10%)



# Comparison Between Ranking Formulas

## Round 1:

$$\sum_{12 \text{ categories}} \left[ \left( \frac{x \text{ benefit}}{X \text{ Benefit}} \times 20 \right) \times \text{WF} \right]$$

WF = Weighting Factor  
NGO = Non-Governmental Organization

## Round 2\*:

$$\sum_{6 \text{ categories}} \left( \frac{x \text{ benefit}}{X \text{ Benefit}} \times \text{WF} \right) + \begin{cases} \text{If Tribe Lead} \\ \times 10\% \text{ of } \Sigma \text{ in } ( ) \end{cases} + \begin{cases} \text{If Regional} \\ \times 15\% \text{ of } \Sigma \text{ in } ( ) \end{cases} + \begin{cases} \text{If New and Innovative} \\ \times 5\% \text{ of } \Sigma \text{ in } ( ) \end{cases} + \begin{cases} \text{If NGO Partner} \\ \times 5\% \text{ of } \Sigma \text{ in } ( ) \end{cases}$$

\*DAC competition pool has just 3 categories and the Tribal/NGO extra %. DAC also has 10% extra for an NGO that is the project lead (and not just a partner).

# Detailed General Implementation Categories

Benefit Category	Weight	Category Information	Unit
Water Supply	9	Amount of water supply provided through innovation and optimization. <i>Can be recycled water.</i>	Acre Feet
Water Quality Improvement	8	Amount of water quality improved for people or the environment. <i>Can be wastewater.</i>	Million Gallons Per Day
Stormwater Protection	8	Amount of acres protected from flooding	Acres
Habitat Improvement	7	Amount of preserved or enhanced natural habitat	Acres
Percentage of DAC/EDA Area	6	Share of Benefit Area that is DAC/EDA (from +0% to 100%)	Percentage
Climate Change Adaptation/Mitigation	7	Amount of greenhouse gases removed/avoided from project implementation	Tons of CO2
Tribal Benefit	NA - Extra 10%	Lead applicant is federally recognized Indian Tribe or CA State Indian Tribe listed on the Native American Heritage Commission's CA Tribal Consultation List	Yes/No
Regional Benefit	NA - Extra 15%	Benefit area covers at least approximately 75% of IRWM Funding Area, including adjacent IRWM Regions	Yes/No
New and Innovative Decision Support Tools	NA - Extra 5%	Project employs new or innovative technology or practices, or is a pilot project.	Yes/No
NGO Partner	NA - Extra 5%	NGO partner provides labor, land value, and/or resources, toward implementation of the project. If NGO is the lead (and not just a partner), project is also eligible for this 5%.	Yes/No



# Detailed DAC Categories

Benefit Category*	Weight	Category Information	Unit
Water Supply	9	Amount of water supply provided	Acre Feet
Water Quality Improvement	8	Amount of water quality improved	Million Gallons Per Day
Stormwater Protection	8	Amount of acres protected from flooding	Acres
Tribal Benefit	NA – Extra 10%	Lead applicant is federally recognized Indian Tribe or CA State Indian Tribe listed on the Native American Heritage Commission’s CA Tribal Consultation List	Yes/No
NGO Partner (or Lead)	NA – Extra 5% (or 10%)	NGO partner provides work, land value, and/or resources toward implementation of the project. If NGO is the lead, project receives 10% total	Yes/No

\*No DAC-related weight; instead DAC tract will have a DAC-related gate whereby at least 75% of the benefit area must be DAC.



# After Ranking Process → OWOW Participatory Budgeting Process

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- ▶ After rankings, OWOW workshops were part of the “Participatory Budgeting” the OWOW Stakeholders and Governance Approved
  - ▶ Developed with the goals of **transparency**, objectivity, and deliberation.
- ▶ Purpose was to receive input on the projects proposed in the OWOW process
  - ▶ Is the project eligible for OWOW/Prop 1?
  - ▶ Are the benefits claimed realistic?
  - ▶ Is watershed improved without unreasonable expense/detriment to others?
  - ▶ Includes active participation of multiple agencies?

# After Participatory Budgeting → Grant Funding Allocation Process

- ▶ In Prop 1 Round 1, OWOW allocated funding to those top projects based on those top projects share of the sum of the weighted scores, and
- ▶ Any State priority projects near threshold were included.

Project ID	Weighted Score
1	699.90
2	643.89
3	526.26
4	424.44
5	401.53
6	298.39
7	246.87
8	244.25
9	170.26
10	143.83
11	101.49
12	93.87

Top project threshold.





# Grant Allocation Formula for Round 2\*

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Before Running Formula  
Each Project is "Capped" at  
Their Grant Request

The diagram illustrates the grant allocation formula. It consists of two main parts enclosed in large white brackets, separated by a plus sign. The first part is a fraction:  $\frac{x \text{ Weighted Score of Your Top Project}}{X \text{ Total Weighted Score of Top Projects}} \times \text{Grant Available}$ . A red arrow points from the text above down to the fraction. The second part is the text: "Add More Grant To Your Project Via Formula in first ( )". A red arrow points from the text below up to this part.

$$\left( \frac{x \text{ Weighted Score of Your Top Project}}{X \text{ Total Weighted Score of Top Projects}} \times \text{Grant Available} \right) + \left( \text{Add More Grant To Your Project Via Formula in first ( )} \right)$$

Additional Stages of Allocation Formula  
Done if There is Left-Over Grant Due to  
Project Request "Caps"

\*Same formula used in last Prop 1 round.



# Summary of Changes for Feedback

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- ▶ Benefit area clarification for inland water bodies to include a ten-mile buffer area,
- ▶ A replacement of Round 1's two competition pools of large and small projects, to two new pools for general implementation and disadvantaged community (DAC) projects,
  - ▶ The DAC benefit pool will also allow for single benefit and single jurisdictional projects to request grant funding. This update will require an update to OWOW Steering Committee's Proposition 1 IRWM Implementation Grant – OWOW Program Policy.
- ▶ Ranking formula updates including:
  - ▶ Combining of benefit categories and rounding of weighting factors,
  - ▶ Adding extra percentage point categories.



# Questions and Feedback

## Round 1:

#	Benefit Category	WF*
1	Water supply reliability, efficiency	9.2
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11	Fisheries restoration / protection	6.9
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## Round 2 General:

#	Benefit Category	WF*
1	Water Supply	9
2	Water Quality Improvement	8
3	Stormwater Protection	8
4	Habitat Improvement	7
5	% of DAC/EDA Area	6
6	Climate Change	7

## Round 2 DAC:

#	Benefit Category	WF*
1	Water Supply	9
2	Water Quality Improvement	8
3	Stormwater Protection	8

\*WF = Weighting Factor

# OWOW Funding Urban and Multi-benefit Drought Relief Grant Program

Mark Norton, Water Resources & Planning  
Manager

SAWPA Commission | October 5, 2021

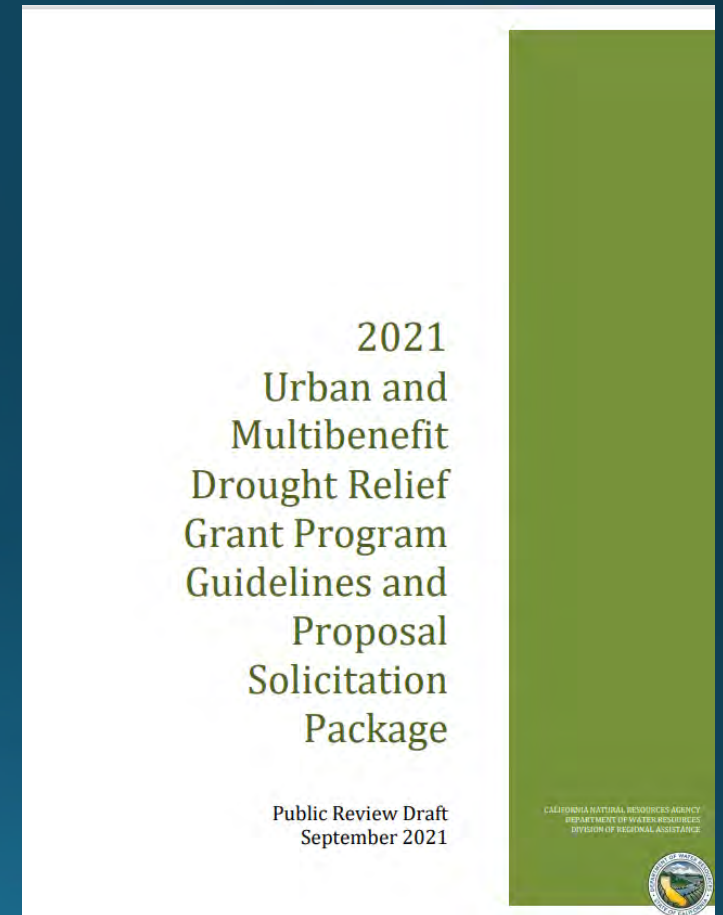
Item 7





# DWR Urban and Multi-benefit Drought Relief Grant Program

- Grant Guidelines and Proposal Solicitation Package (PSP) Released by DWR on 9/23/2021
- \$190 million in grant funding available for immediate relief in response to California drought
- Addresses immediate impacts on human health and safety and on fish and wildlife resources, and to provide water to persons or communities that lose or are threatened with the loss or contamination of water supplies.



# DWR Urban and Multi-benefit Drought Relief Grant Program: OWOW Disadvantaged Community Involvement Set-Aside

- \$50 million set aside statewide to support Underrepresented Communities and Native American Tribes included in the Proposition 1 IRWM Disadvantaged Community Involvement (DACI) Program.
- Applicant must be an existing Grantee (like SAWPA) of the previous Proposition 1 IRWM DACI Program to apply for this set-aside.
- Awards up to \$5 million to fund eligible drought relief projects benefiting Underrepresented Communities or Tribes in the Proposition 1 Funding Area.
- Existing Proposition 1 IRWM DACI grant agreement will be amended.





# Urban and Multi-benefit Drought Relief Grant Program Parameters

- No local grant match required
- No maximum grant amount defined per project
- Projects must be completed by March 31, 2026
- Application for \$5M set aside can fund multiple projects identified in IRWM Disadvantaged Community Involvement grant program
- Eligible types of projects:
  - New wells or rehabilitation of existing wells
  - Projects that support immediate drought response
  - Connection to adjacent water systems
  - Recycled water projects that support immediate relief to potable water supplies
  - Fish and wildlife rescue, protection, and relocation



# Potential SAWPA Projects Seeking Grants



SAWPA DACI PROJECT  
SUPPORT PROGRAM –  
PHASE II



SUNNYSLOPE /  
JURUPA DITCH TO  
PIPELINE PROJECT



INLAND EMPIRE BRINE  
LINE - FLOW MONITORING  
AND EQUALIZATION BASIN



# SAWPA IRWM DACI – Phase II Project Implementation

- \$5 M grant designated to SAWPA to support underrepresented communities' projects identified by SAWPA DACI
- Eligible Underrepresented Community System Projects from DACI (see table)
- 4-5 projects estimated

Agency	Project Description	Total Project Cost
Box Springs MWC	Production well, storage tank, and booster pump station	\$4,200,000
City of Colton	Well 32 - New Potable Well	\$930,000
Devore WC	Storage Tank and Booster Pump Station	\$490,000
Idyllwild WD	Water Treatment Plant Upgrade with SCADA	\$5,800,000
Marygold MWC	Well 7 Rehabilitation, SCADA, and Backup Power	\$1,300,000
Terrace MWC	Well #3 - New Potable Well	\$2,000,000
City of Fullerton	Well and on-site treatment	\$12,000,000
City of Santa Ana	Washington Avenue Well	\$6,100,000
Soboba Tribe	Replace asbestos pipeline	\$5,000,000

# Sunnyslope / Jurupa Ditch to Pipeline Project

- Project would provide new water for the Santa Ana Sucker in the Santa Ana River Tributary Sunnyslope Creek,
- Water transported to Sunnyslope Creek through Jurupa Ditch via gravity,
  - Project scope involves improving the ditch and converting much of it to a mid-size-diameter pipeline,
- Benefits environmental obligations of OCWD and SBVMWD, and
- Water from the pipeline would also be provided to WMWD retailer Rubidoux Community Services District's customers.

## Project Concept\*



\*Concept developed by recent SBVMWD water supply study.



# Inland Empire Brine Line - Flow Monitoring/SCADA and Equalization Basin

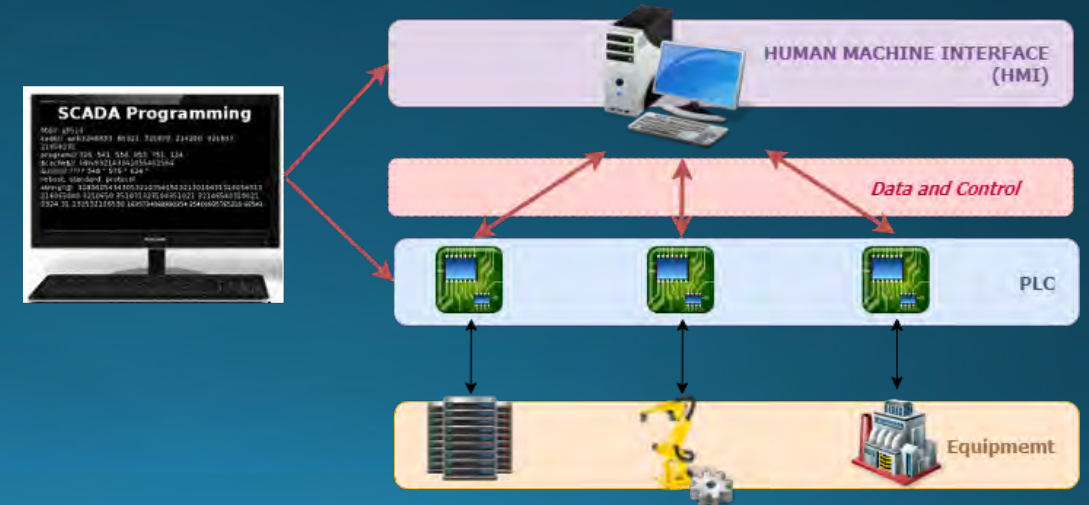
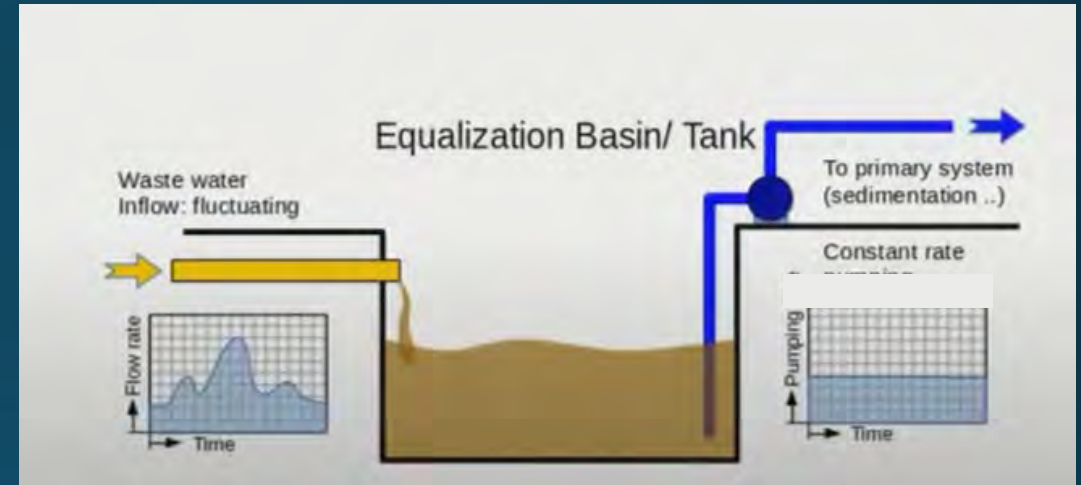
## Project Description:

- 53 new flow monitoring stations with SCADA
- New in-line flow equalization basin

## Benefits:

- Remote real-time monitoring of flows in the system
- Peak flow management producing greater efficiencies in groundwater desalter production

Cost: Approximately \$9 million



# Urban and Multi-benefit Drought Relief Grant Program PSP/Guidelines

- Written comments on the Draft GL/PSP are due to DWR by 5 pm on October 8.
- SAWPA will prepare comment letter.
- Expected next steps/  
schedule:
  - Final PSP/Guidelines late Oct 2021
  - Accepting Applications Nov. 2021
  - 1<sup>st</sup> Batch Funding award: Beginning Dec 2021

