



Santa Ana Watershed Project Authority

Sacramento Update

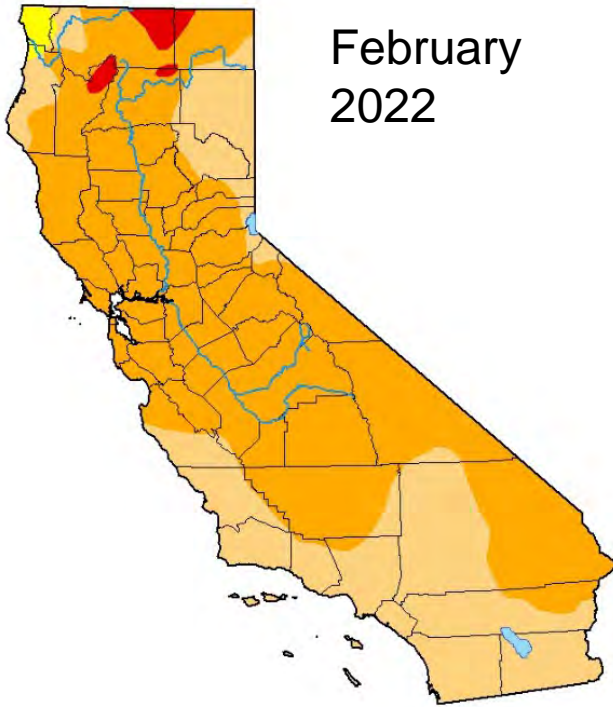
June 21, 2022

Michael Boccadoro &
Beth Olhasso



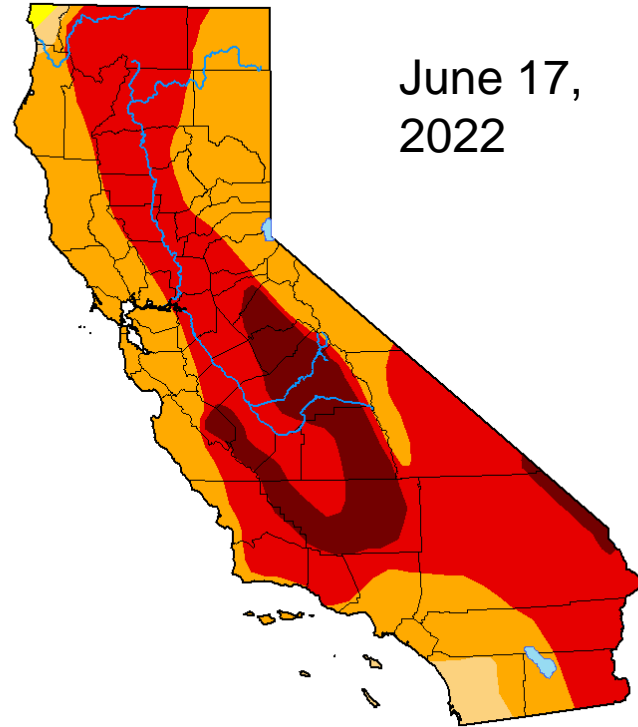
West Coast Advisors
Strategic Public Affairs

Drought/Water Supply Update



February
2022

- SWP increased to 15% allocation



June 17,
2022

- SWP decreased to 5% allocation

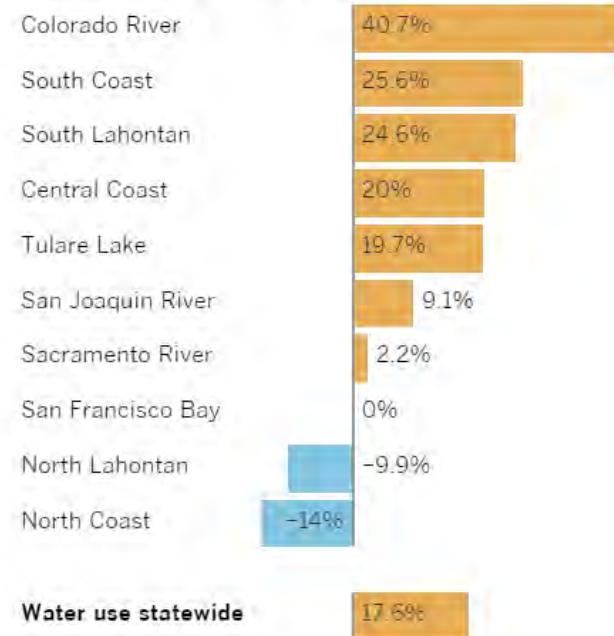
Governor/SWRCB

Drought Actions


- SWRCB Emergency Drought Regulations
 - All agencies must move to drought condition two
 - Ban on using potable water on non-functional turf
 - Does not include parks, trees, golf courses, etc.

- What's next?
 - Statewide water use increased 17.6% in April
 - Increased conservation mandates?


Water use by hydrologic region



Legislative Update

- 
- Legislative session ends 8/31
 - Key Water Bills
 - ➔ SB 1157 (Hertzberg): Lowering the indoor urban water use standard to 42 GPCD by 2030
 - ➔ SB 12 (McGuire): Requiring use of “heat resilient water infrastructure” in projects in high fire severity zones funded by state or federal govt
 - ➔ AB 2142 (Gabriel): Exempts turf rebates from “taxable income”
 - ➔ AB 2247 (Bloom): PFAS- publicly accessible reporting platform
 - ➔ AB 2387 (E. Garcia): Water Bond
 - ➔ AB 2639 (Quirk): Bay Delta Water Quality Control Plan

FY 2022-2023 Budget

- 
- **\$90B surplus**
 - **Senate Water Package**
 - \$1.5B for stormwater capture, recycling and groundwater cleanup
 - **Governor's May Revise- \$2B for water**
 - **June 15 Budget passed by Senate and Assembly- \$21 billion for climate and energy**
 - Specific allocations to be negotiated July/Aug

Thank You



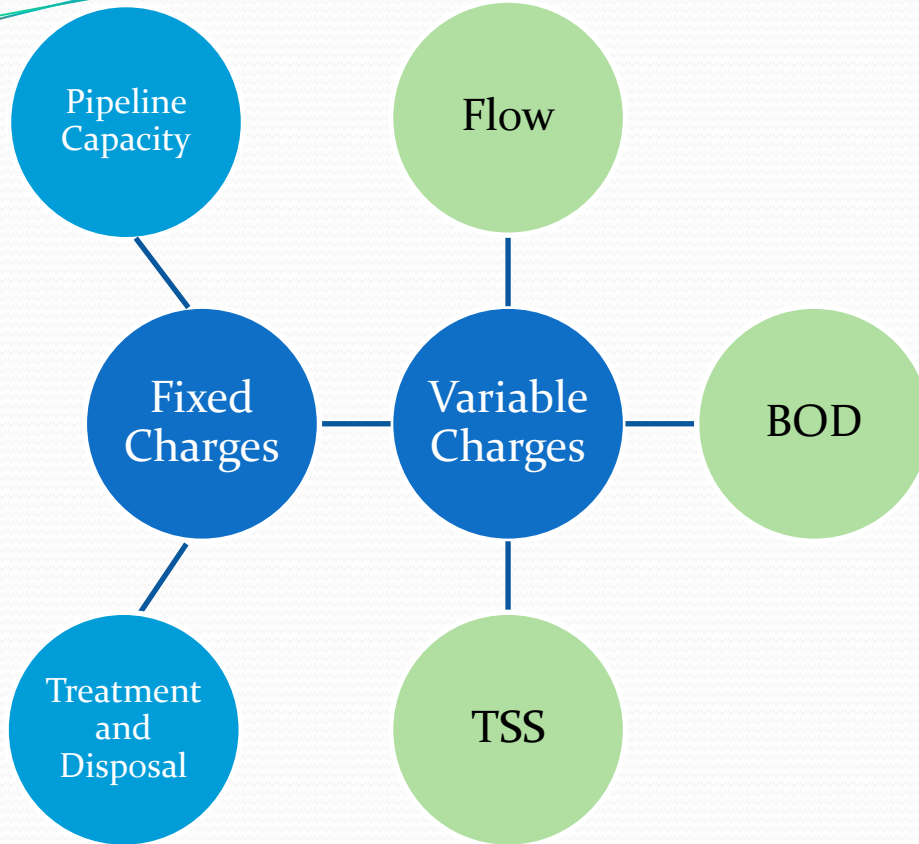
Questions?

Inland Empire Brine Line Rate Resolution 2022-9

David Ruhl, Engineering Manager
SAWPA Commission Meeting
June 21, 2022 | Item No. 7.A.

Recommendation

- That the SAWPA Commission adopt Resolution No. 2022-9 establishing the Fiscal Year 2022-23 Inland Empire Brine Line Rates.



Brine Line Rate Components:

- Flow
 - Per Million Gallons
- Biochemical Oxygen Demand (BOD)
 - Per 1,000 lbs
- Total Suspended Solids (TSS)
 - Per 1,000 lbs
- Fixed Charges for Pipeline and Treatment and Disposal Capacity Owned
 - Per Million Gallons/Day

Brine Line Rates Direct Dischargers (FY22-23)

Options	Effective date	Flow MG	BOD(1) 1,000 lbs	TSS(1) 1,000 lbs	Fixed Pipe	Fixed T&D
Current FY21-22	-	1,018	329	460	6,654	13,505
Proposed FY22-23	7/1/2022	1,049	353	520	6,654	13,505

- (1) BOD and TSS is a “pass through” cost from OC San. BOD and TSS proposed rate for FY 22-23 match OC San charge received in May 2022.

Brine Line Rates FY17 – FY24

Fiscal Year	Flow (MG)	BOD (1,000 lbs)	TSS (1,000 lbs)	Monthly Fixed Pipeline	Monthly Fixed Treatment
2024 Planned	\$1,101	\$371	\$547	\$6,654	\$13,505
2023 Proposed	1,049	353	520	6,654	13,505
2022 Current	1,018	329	460	6,654	13,505
2021 Jan - Jun	1,018	329	460	6,654	13,505
2021 Jul - Dec	979	316	442	6,398	12,985
2020	979	316	442	6,398	12,985
2019	946	307	429	6,217	12,607
2018	901	307	429	5,921	12,007
2017	858	307	429	5,639	11,433

Brine Line Rates % Change (+/-) FY17 – FY24

Fiscal Year	Flow MG	BOD (1,000 lbs)	TSS (1,000 lbs)	Monthly Fixed Pipeline	Monthly Fixed Treatment
2024 Planned	5.0%	5.2%	5.2%	0%	0%
2023 Proposed	3.0%	7.3%	13.0%	0%	0%
2022 Current	0%	0%	0%	0%	0%
2021 Jan-Jun	4%	4%	4%	4%	4%
2021 Jul-Dec	0%	0%	5%	0%	0%
2020	3%	3%	-2%	3%	3%
2019	5%	0%	0%	5%	5%
2018	5%	0%	0%	5%	5%
2017	5%	2%	2%	5%	5%

Indirect Dischargers

- Currently using a 2-tier system:
 - Brine (< 100 mg/L of both BOD or TSS)
 - Non-Brine (≥ 100 mg/L of either BOD or TSS)
 - Charges based on a per gallon base for brine tier and a per gallon base plus pounds of BOD and pounds of TSS for non-brine tier.

Indirect Discharger Rates

Option	Brine ^(a) Tier (< 100 mg/L) / gallon	Non-Brine ^(b) Tier* (≥ 100 mg/L) / gallon	BOD/lb	TSS/lb
Current (FY21-22)	\$0.016	\$0.016	\$0.78	\$0.745
Proposed (FY22-23)	\$0.016	\$0.016	\$0.78	\$0.745

**Non-brine tier charges the flow component plus any pounds of BOD and TSS.*

(a) Brine Tier if both BOD and TSS concentrations are less than 100 mg/L

(b) Non-Brine Tier if any of the BOD or TSS concentrations are 100 mg/L or greater.

Capacity Pool Lease Rates

Option	Flow (per gallon)	Additional BOD (per lb)	Additional TSS (per lb)
Current (FY21-22) [250 mg/L BOD/TSS]	\$0.00263	\$0.4080	\$0.2501
Proposed (FY22-23)	\$0.00263	\$0.4080	\$0.2501
Treatment and Disposal Only	\$0.00117	\$0.4080	\$0.2501

Treatment & Disposal Surcharge Rates

Option	Flow (per gallon)	BOD (per lb)	TSS (per lb)
Current (FY21-22)	\$0.0021	\$0.4080	\$0.2501
Proposed (FY22-23)	\$0.0021	\$0.4080	\$0.2501

These rates apply to dischargers that exceed their contractually owned capacity in any given month.

Proposed Permit Fees

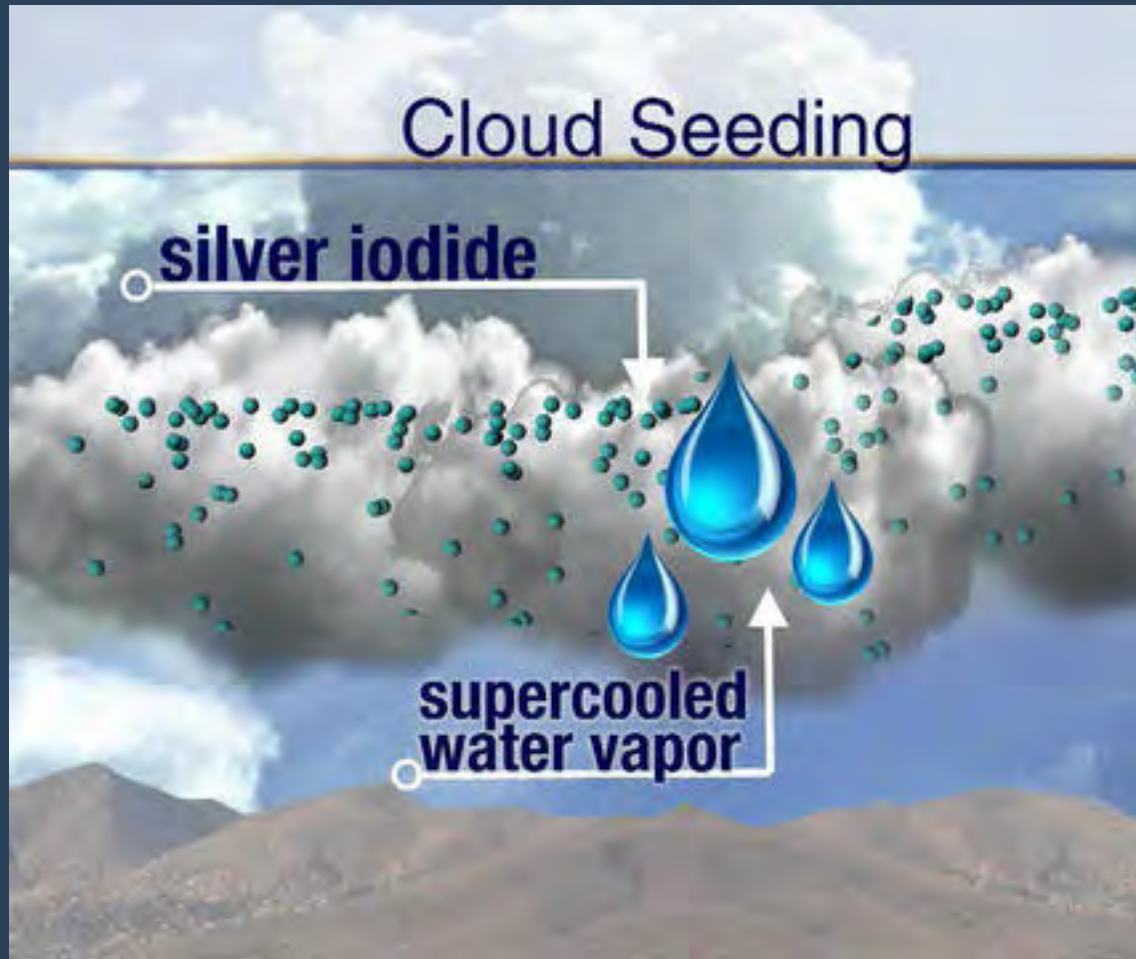
Type of Permit	FY21-22 Fee	Proposed FY22-23 Fee
Direct Discharger	\$600	\$600
Indirect Discharger	\$300	\$300
Connection Authorization	\$1,100	\$1,100
Liquid Waste Hauler	\$250	\$250

Recommendation

- That the SAWPA Commission adopt Resolution No. 2022-9 establishing the Fiscal Year 2022-23 Inland Empire Brine Line Rates.



Questions??



Source: CBS News

Santa Ana River Watershed Weather Modification Pilot Program

Mark Norton PE
Water Resources & Planning Manager
SAWPA Commission | June 21, 2022
Item No. 7.C.



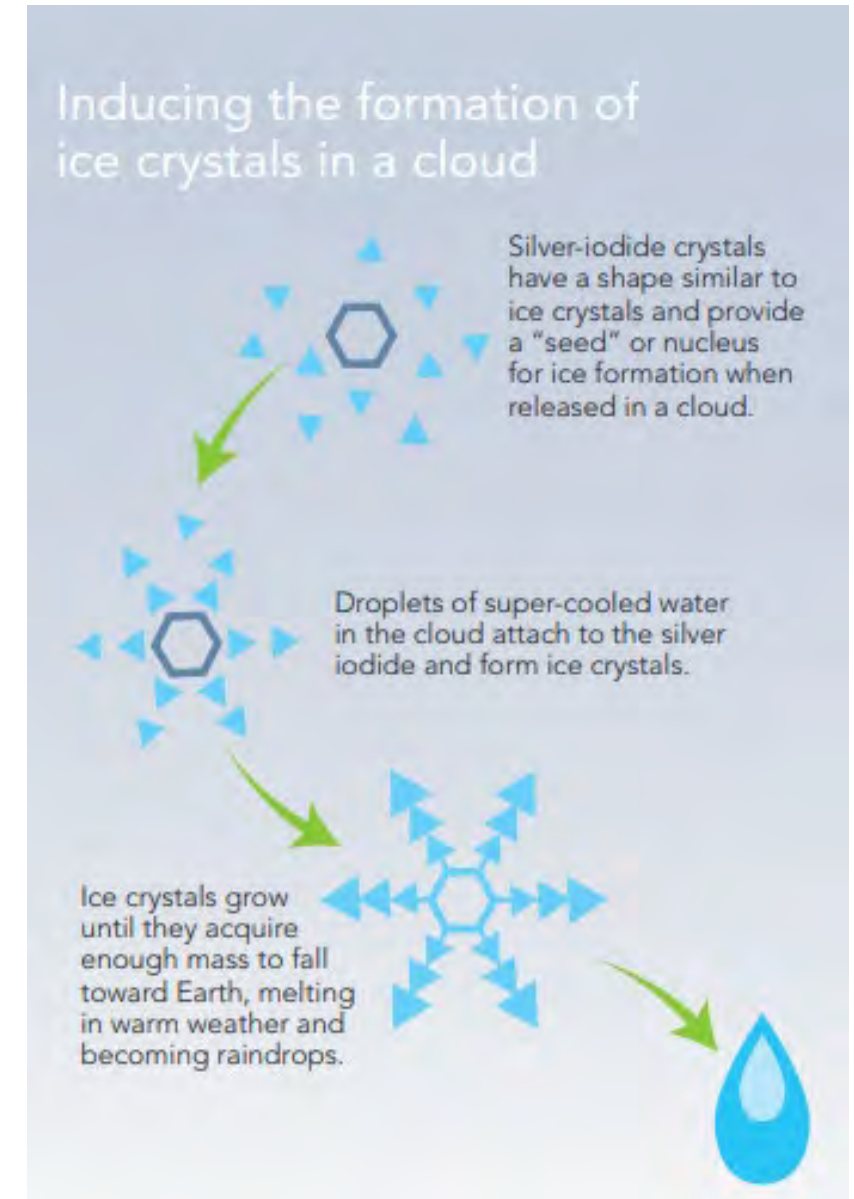
Proposed Project

Project Objective

- Increase water supply in the region by increasing the productivity of storm events (i.e., increasing precipitation during storm events)

Project Description

- Four-year pilot project
- Install 15 ground-based weather modification units throughout the watershed
- When rain is imminent, trigger the units to release silver-iodide crystals into clouds, to increase the volume of precipitation released

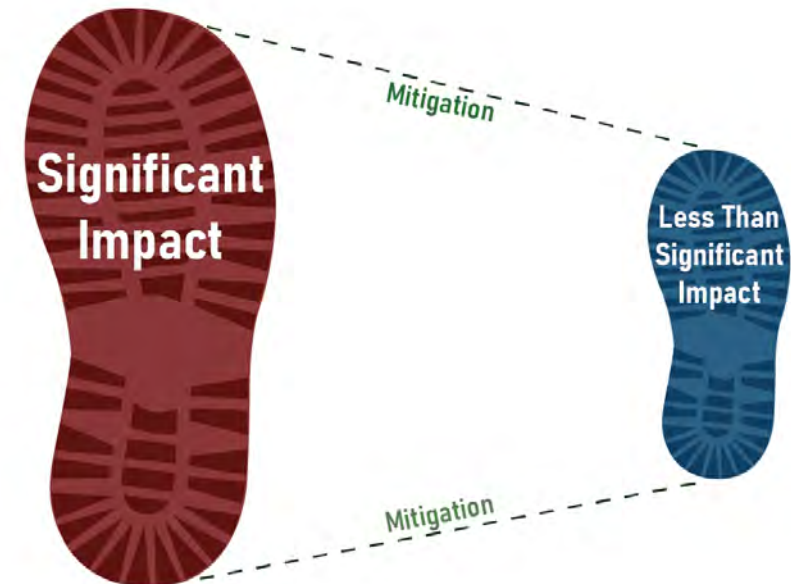


CEQA Analysis – Initial Study/Mitigated Negative Declaration

SAWPA analyzed the potential environmental impacts of installation and operation of the CNGs and AHOGS at 15 locations throughout the watershed

- Aesthetics
- Agriculture and Forestry Resources
- Air Quality
- Biological Resources
- Cultural Resources
- Energy
- Geology and Soils
- Greenhouse Gas Emissions
- Hazards and Hazardous Materials
- Hydrology and Water Quality
- Land Use and Planning
- Mineral Resources
- Noise
- Population and Housing
- Public Services
- Recreation
- Transportation
- Tribal Cultural Resources
- Utilities and Service Systems
- Wildfire
- Growth Inducing Impacts

• If a potentially significant impact was identified, mitigation measures were developed to ensure impacts would be less than significant



CEQA Analysis – Issues Determined Less than Significant with Mitigation

Biological, Cultural, and Tribal Cultural Resources

- Special-status wildlife and rare plants could occur in the vicinity of Program installation sites
- Nesting birds could be disturbed during installation activity
 - Mitigation Measures: Pre-construction biological clearance surveys
- Potential for unanticipated discovery of cultural and tribal resources during installation
 - Mitigation Measures: Stop work and contact archaeologist in event of discovery
 - Measure revised to incorporate additional notification of San Manuel Band of Mission Indians in response to comment received on the Draft document

Mitigation Monitoring and Reporting Plan

- SAWPA recommends Commission adopt the Mitigation Monitoring and Reporting Plan prepared for the Project
- 4 mitigation measures
 - BIO-1: Pre-construction surveys for sensitive species
 - BIO-2: Pre-construction nesting bird surveys
 - CUL-1: Unanticipated discovery measures if cultural resource or human remains observed during installation
 - TCR-1: Unanticipated discovery measures if tribal resource observed during installation

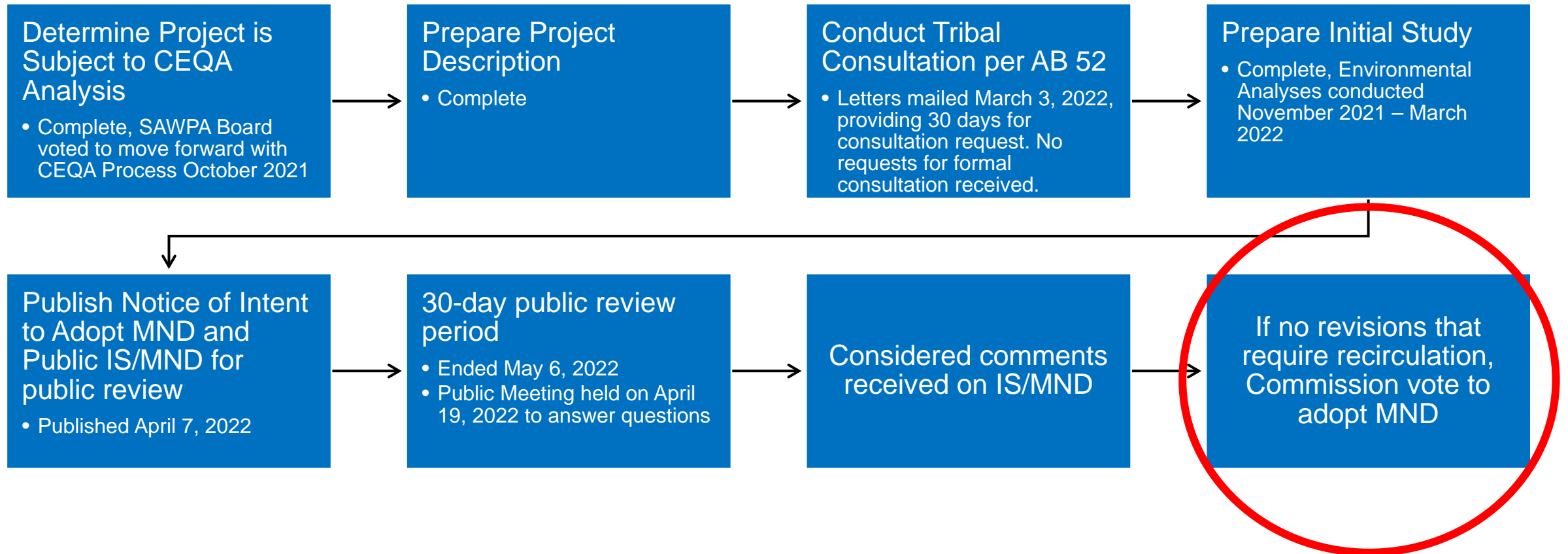
CEQA Analysis – All Other Issues Determined Less than Significant or No Impact

- Key Issues: Hydrology and Water Quality and Hazards
 - Concentrations of silver measured in water during and after cloud seeding projects has been shown to be similar to background concentrations and not harmful to human health or wildlife
 - SAWPA would implement suspension criteria to avoid flooding
 - Overall beneficial impacts from increased precipitation and runoff

Target Area	Seasonal Precipitation Increase (inches)	Percent Increase	Avg. Natural Streamflow (AF)	Streamflow Increase (AF)	Percent Increase
Northwest	0.41	3.5%	25,000	2,043	8.2%
Northeast	0.49	4.1%	65,000	4,330	6.7%
Southwest	0.59	3.7%	5,000	447	9.0%
Southeast	0.49	4.5%	10,000	1,373	13.7%

Action Requested of the Commission Today

- Adopt Initial Study/Mitigated Negative Declaration
- Adopt Mitigation Monitoring and Reporting Plan



Staff Recommendation

That the SAWPA Commission adopt the Initial Study/Mitigated Negative Declaration and the Mitigation Monitoring and Reporting Plan for Santa Ana River Watershed Weather Modification Pilot Project under CEQA.

Approval of FYE 2023 Network Coordinator Task Order with WSC Inc.

Ian Achimore | Senior Watershed Manager
SAWPA Commission | Agenda Item 7.D.

June 21, 2022

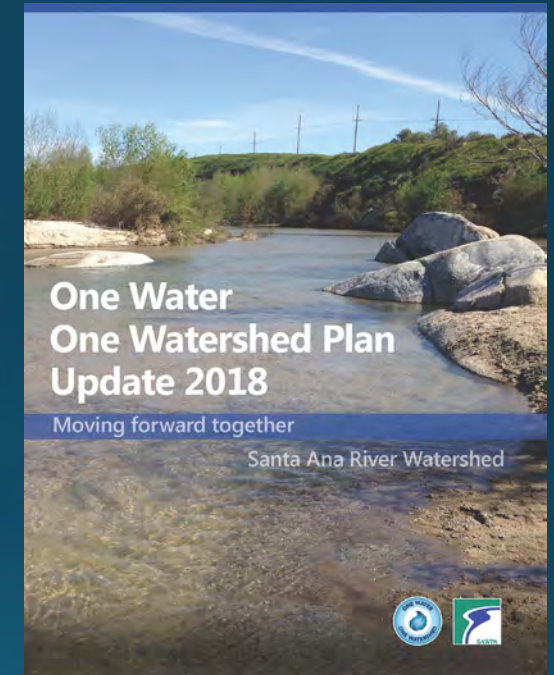


Recommendation

Authorize the General Manager to execute Task Order WSC373-01 with Water Systems Consulting, Inc. (WSC) for \$72,900 for the Roundtable of Regions Network Coordinator consulting role for Fiscal Year Ending 2023.

Integrated Regional Water Management (IRWM)

- SAWPA began integrated (i.e. multiple benefit such as water supply and water quality) watershed planning in the 1990s.
- IRWM formally began as a state-wide program in 2002 with passage of Senate Bill 1672.
- Since then, various bond measures such as Prop 1, have provide \$1.5 Billion in IRWM funding to projects that are selected through local IRWM planning in 48 regions.



The IRWM Plan in the Santa Ana River Watershed Region is the One Water One (OWOW) Watershed Plan Update 2018

IRWM Roundtable of Regions

- Began in 2006.
- Informal partnership, led by engaged staff and two co-chairs.
- Network extends limited resources and amplifies results of all participants.
- SAWPA represents OWOW on the Roundtable.

Map of IRWM Regions



Network Coordinator

- For the past three years JM Consultants has served as the Network Coordinator consultant.
 - The principal of JM Consultants announced she is retiring on June 30, 2022 (i.e. the end of FYE 2022).
- There is a funding agreement in place that pools **\$72,900** from 13 Roundtable funding parties to fund this consultant support for this fiscal year and FYE 2023.
- The SAWPA Commission approved release of a RFP on April 5, 2022 to fill this consulting position.



**NETWORK COORDINATOR FOR THE
CALIFORNIA IRWM ROUNDTABLE OF REGIONS**

REQUEST FOR PROPOSAL

For

CONSULTING SERVICES

RFP Results

- Two proposals received.
- Proposals scored based on three criteria:
 - Experience and qualifications,
 - Coordination approach and understanding of needs,
 - Anticipated value (i.e. costs) and quality of services.
- Five reviewers (including one SAWPA staff) served as panelist to interview both entities.
- SAWPA coordinated results and budget/scope modifications with Roundtable leadership and 13 funding parties.

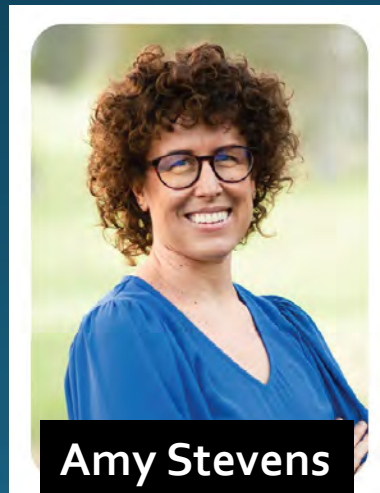
RFP Responder	Total for All Panelists*	Panel Average
Other Responder	127	25
WSC Inc	140	28

* Total points available = 198

WSC Inc. Experience

Example Projects	Client
Adaptive Integrated Water Resource Management Plan	Northern Cities Management Area Technical Group
Replenish Big Bear OWOW Grant Application	Big Bear Area Regional Wastewater Agency
Drought Task Force Facilitation	Western Municipal WD
2020 Integrated Regional & Urban Water Management Plan	San Bernardino Valley MWD

Key Team Members:



Amy Stevens



Bridgette Vanherweg

General Services Agreement Changes by WSC Inc.



Section 4.04(a)5: Cyber Liability Insurance (Technology Professional Liability)



Section 4.5 Claims and liability



Section 9.02 Consultant services standards and professionalism



Section 10.01 Audit and ownership of documents



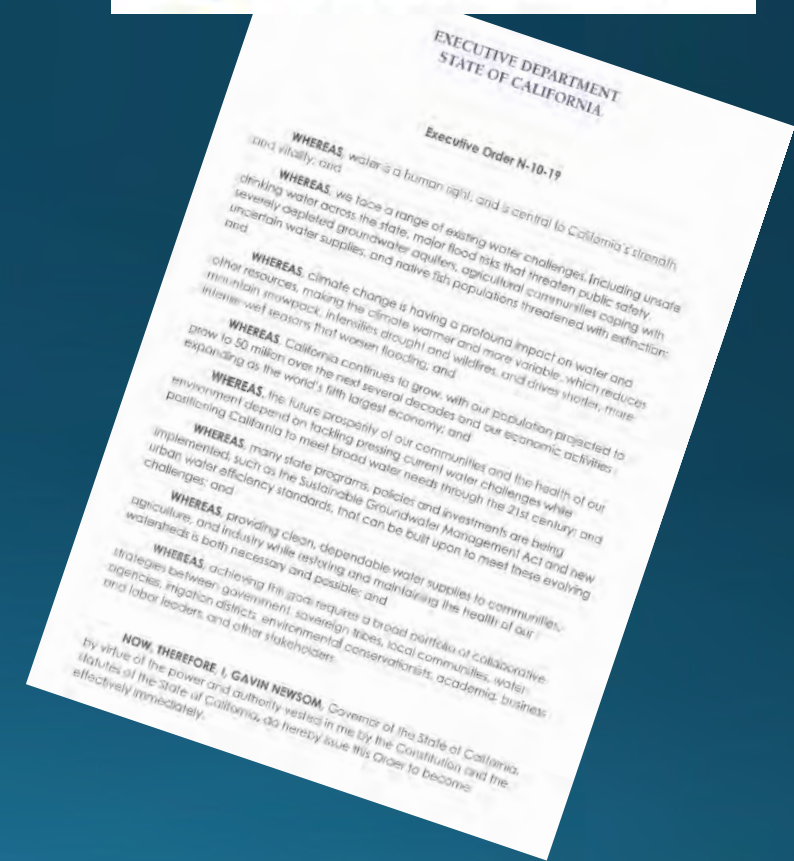
Section 11.04 Compensation of consultant due to delays



These have been reviewed by SAWPA's legal counsel, Lagerlof and the General Manager and were deemed acceptable and protective of SAWPA's interests.

How SAWPA benefits

- Roundtable is a trusted partner to DWR & Association of California Water Agencies (ACWA)
 - Instrumental in changes to the IRWM Program that benefit the watershed.
 - Roundtable engaged with DWR, the State's Water Resilience Portfolio team, and the Office of Planning and Research (OPR).
- Supporting the Network Coordinator is a statewide role for SAWPA.
- Roundtable partners thankful for SAWPA stepping up as contract lead.



Recommendation

It is recommended that the SAWPA Commission:

Authorize the General Manager to execute Task Order WSC373-01 with Water Systems Consulting, Inc. (WSC) for \$72,900 for the Roundtable of Regions Network Coordinator consulting role for Fiscal Year Ending 2023.



COLA and Merit Pool Increases – FY 2022-2023

Jeff Mosher, General Manager

SAWPA Commission Meeting | June 21, 2022

Recommendation

- That the Commission approve a 4% merit pool and a 5% COLA increase and for FY 2022-23.

Member Agency – Currently Available Information

Member Agency	COLA	Merit
EMWD	4.1% Actual Jan 2023	2.5% - 5%
IEUA	3% MOU	2.5% per step increment
OCWD	2% MOU	3% Budgeted
SBVMWD	6% Budgeted	2.5% - 5%
WMWD	4% MOU	1% - 5%

Merit Pool

- An annual merit pool of 4% was adopted by the Commission for in the budget for fiscal year 2022-2023
- Implemented at the discretion of the General Manager.
- Merit increases are tied to annual performance evaluations, which maps performance to goals.
 - Used to reward staff
 - Encourage staff to achieve SAWPA goals
 - Encourages productivity
 - Supports staff retention

COLA

- Use of U.S. Bureau of Labor Statistics' Consumer Price Index (CPI) for reviewing COLA
- The following regional CPIs were reviewed:
 - Long Beach-Los Angeles-Anaheim index
 - Riverside-San Bernardino-Ontario index
- CPIs reviewed included:
 - CPIs for “all items”
 - Core CPI – all items excluding energy and food, which can be volatile

Annual CPIs (All Items)

Index	Annual CPIs* (All Items)	Months
Long Beach-Los Angeles-Anaheim	7.4%-8.5%	Jan-Apr
Riverside-San Bernardino-Ontario	8.6%-10%	Jan and Mar

* Annual CPIs calculated month over month (i.e., Jan 2021 to Jan 2022)

Annual CPIs (All Items)

Index	Annual CPIs* (All Items less food and energy)	Months
Long Beach-Los Angeles-Anaheim	5.5%-5.9%	Jan-Apr
Riverside-San Bernardino-Ontario	6.3%-6.9%	Jan and Mar

* Annual CPIs calculated month over month (i.e., Jan 2021 to Jan 2022)

COLA

- The CPIs between January and April for the two indexes:
 - Range from 7.4% to 10%
 - Reflects the current high level of inflation
- Core CPI (excluding food and energy) for the two indexes:
 - Range from 5.5% to 6.9%
- Based on the two indexes and reviewing member agency information, staff is recommending a 5% COLA increase

Resource Impacts

- The FY 2022-2023 budget has sufficient funds for both the proposed COLA and merit pool
- The costs of the recommended 5% COLA (\$184,746) and 4% merit pool (\$154,980) are in the approved FY 2022-23 Budget
- Total salaries, COLA, and merit will be \$52,265 under the budgeted amount

Recommendation

- That the Commission approve a 4% merit pool and a 5% COLA increase and for FY 2022-23.

Prop 1 Round 2 IRWM Call for Projects Update

Ian Achimore, Senior Watershed Manager
SAWPA Commission | June 21, 2022
Item No. 8.A.



Purpose of Update

- ▶ Announce the close of the Call for Projects which ended on June 1, 2022,
- ▶ Highlight projects received, and
- ▶ Provide schedule of next steps.

Round 2 (R2) Next Steps



*Best estimate currently. Dates may change based on DWR's time needed to review applications.

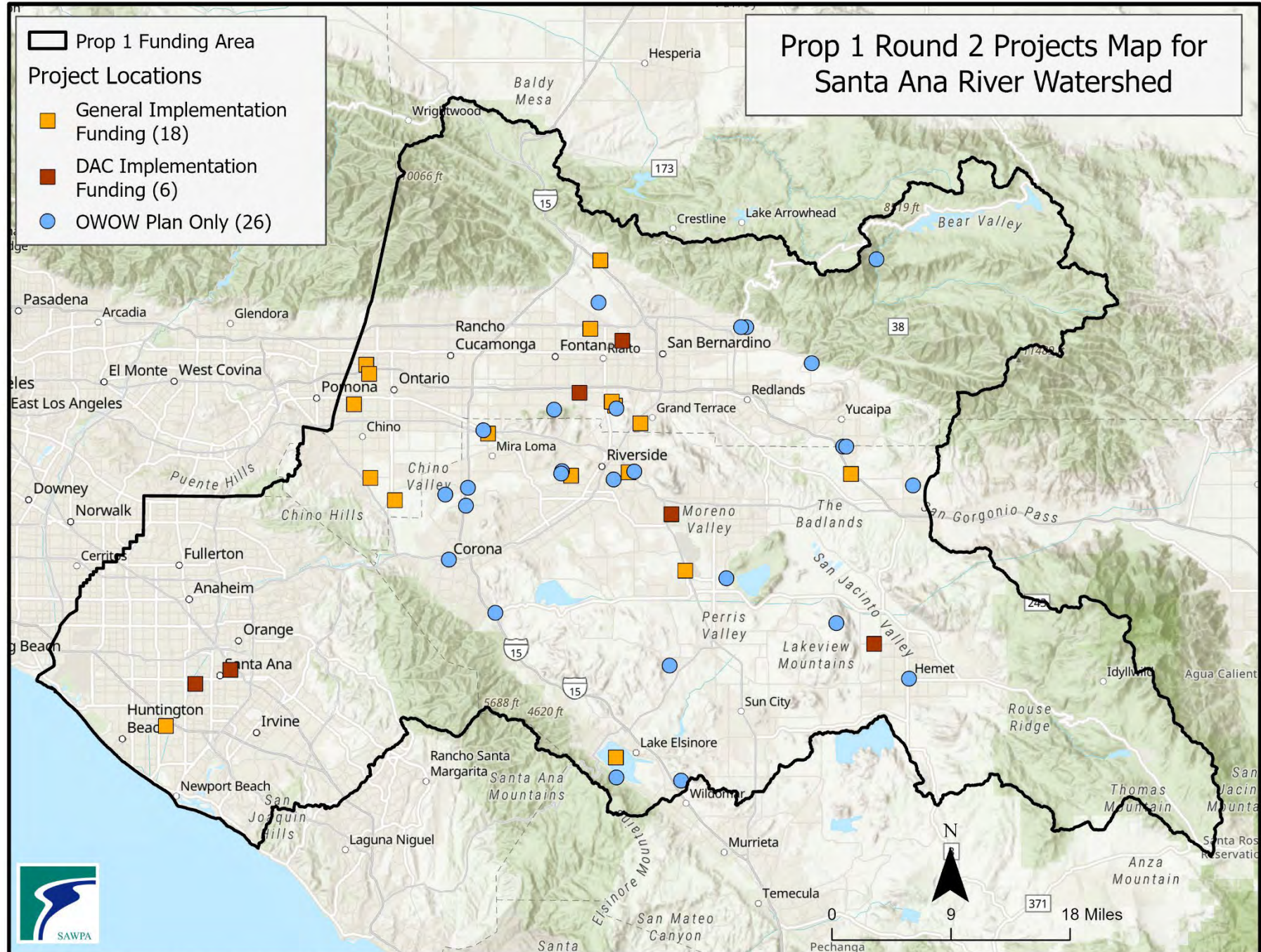
Projects Seeking Grant Funding by Category

Category	Projects	Grant Requested	Grant Available*
Disadvantaged Community	6	\$13,116,020	\$4,095,000
General Implementation	18	\$54,700,206	\$14,435,100**
Total	24	\$67,816,226	\$18,530,100

26 projects also submitted applicants in order to be included in the Santa Ana River Watershed IRWM OWOW Plan. Entities often take this action in order to be eligible for other State grant opportunities.

*There is also \$7,175,543 available through the North Orange County IRWM group for projects received through their process. Projects received by their lead administering agency, Orange County Public Works, are not shown in the above table or in this presentation.

**This amount may increase by \$2,000,000 due to roll over of funding from Prop 1 Round 1. Still awaiting approval by Department of Water Resources before it is officially increased.



List of DAC Projects Seeking Funding

Project	Lead Applicant
Box Springs Mutual Water Company Well Improvement Project	California Rural Water Association
Cottonwood Avenue Recycled Water Pipeline (East)	Eastern Municipal Water District
New Washington Well Project	City of Santa Ana
Recycled Water Use Expansion Project	City of Santa Ana
Shamrock and Meridian Septic to Sewer Conversion Project	City of Rialto
Water Quality: Lead Service Line Replacements in Bloomington DAC	West Valley Water District

List of General Implementation Projects Seeking Funding

Project	Lead Applicant
Lake Rialto Habitat Management and Community Open Space Project	City of Rialto
Large Landscape Water Efficiency Program	Inland Empire Utilities Agency
City of Rialto Recycled Intertie	Inland Empire Utilities Agency
Etiwanda Intervalley Water Quality and Water Resiliency Project Phase-1A	Jurupa Community Services District
Phase 1 - Lake Elsinore Algae Harvesting and Nutrient Removal Project	Lake Elsinore and San Jacinto Watersheds Authority
Wellhead Nitrate Treatment for Wells 4 & 27	Monte Vista Water District
Well Pump Replacements	Monte Vista Water District
Well 2 Replacement	Monte Vista Water District
Well 4 Replacement	Monte Vista Water District
Regional Water Distribution System Leak Detection and Repair Program	Municipal Water District of Orange County
Water Well RN #6 Nitrate Removal System	Riverside Highland Water Company
Cable Creek Basin (Upper)	San Bernardino County Flood Control District
Improved Lake Ctrculation at Prado Regional Park	San Bernardino County Regional Parks
Cactus Basins Connector Pipeline	San Bernardino Valley Municipal Water District
Santa Ana River Sustainable Parks & Tributaries Water Reuse (Purple Pipe)	San Bernardino Valley Municipal Water District
Santa Ana River Watershed Weather Modification Pilot Project	SAWPA
Water Quality of Recycled Water Used in Local Groundwater Recharge	Western Municipal Water District
Calimesa Aquifer Storage and Recovery	Yucaipa Valley Water District

Next Step: Staff Review and Participatory Budgeting

- ▶ Staff review will take approximately two to three weeks,
 - ▶ Staff will also preliminarily score the projects received using the approved rating and ranking criteria.
- ▶ Up to three participatory budgeting workshops will then be held with the lead applicants for them to:
 - ▶ Explain/defend their benefits claimed and the geographic areas benefiting, and
 - ▶ Come to consensus on the final recommended funding list of DAC and General Implementation projects.
- ▶ After participatory budgeting process ends in July 2022, SAWPA staff will recommend final list of projects to the OWOW Steering Committee and SAWPA Commission.
 - ▶ Included will be the Orange County-based projects submitted to SAWPA by the lead administering agency for the North OC IRWM process.

Questions