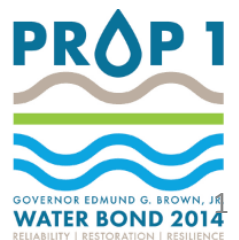




Proposition 1 Round 1 Integrated Regional Water Management Project Selection Process

May 23, 2019

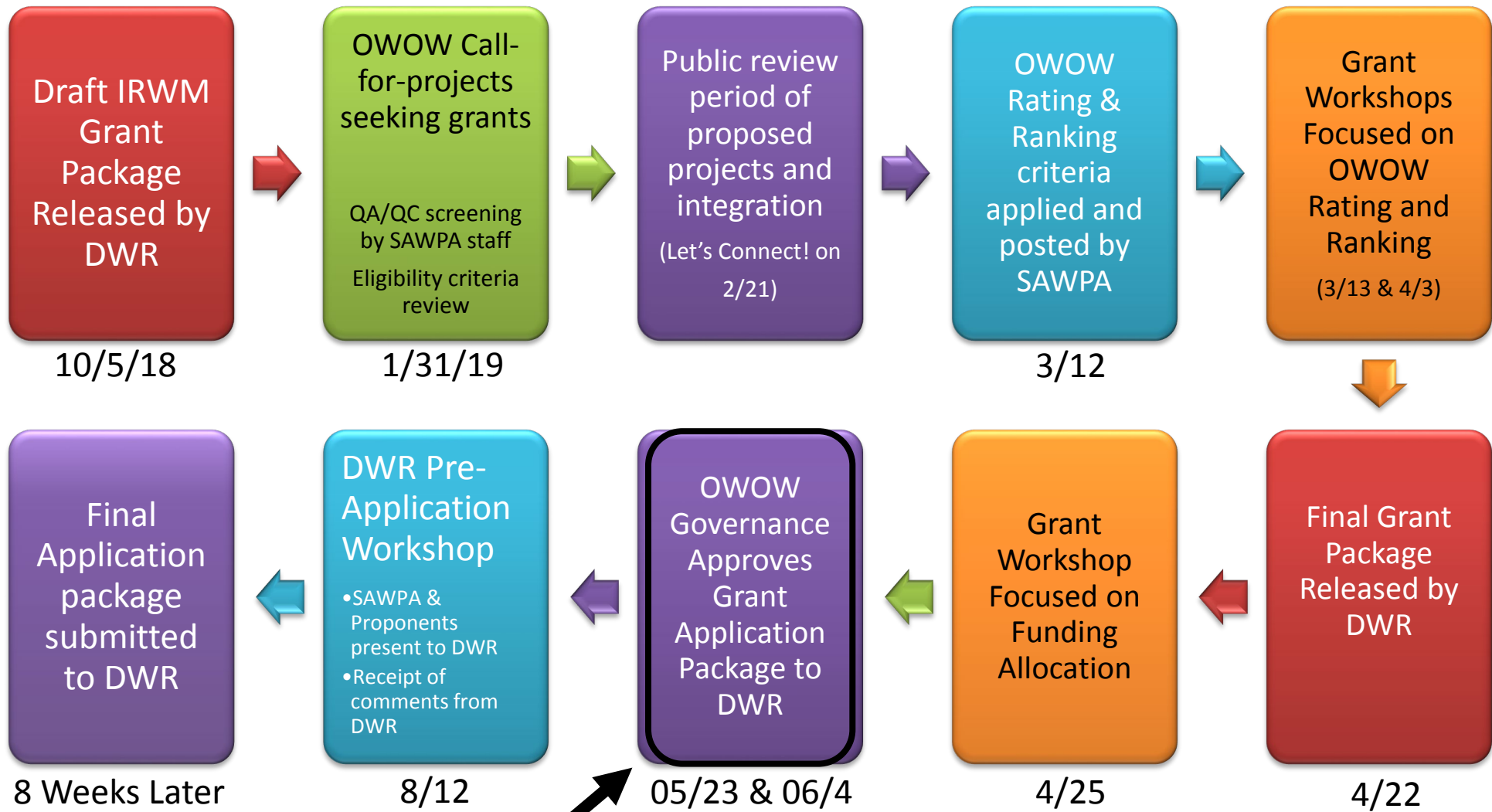
Santa Ana Watershed Project
Authority



Outline of Presentation

1. Schedule
2. Review of Prop 1 Proposal Solicitation Package
3. Review of Benefit Classes and Rating/Ranking Results
4. Grant Funding Available
5. Review List of Proposed Projects
6. Review Proposed Funding Allocation
7. Recommendation





We are here



The schedule has been updated based on the final DWR Grant Package released on April 22.

DWR Prop 1 PSP- Eligibility

- All proposals must:
 - Respond to climate change, and
 - Contribute to regional water self-reliance.
- All projects must:
 - Address the most critical needs of the IRWM region
 - Be consistent with Statewide Priorities
 - Have an expected useful life consistent **with Government Code 16727**
 - Have CEQA completed and permits necessary to begin construction **within 12 months** of funding award, or prior to agreement execution, whichever occurs first.



DWR Grant Package – Scoring Criteria

<u>Scoring Criteria – Project Level Evaluation</u>	<u>Maximum Points Available</u>
Does the project address the critical needs and/or priorities of the IRWM region as identified in the IRWM plan?	1
Does the project address and/or adapt to the effects of climate change? Does the project address the climate change vulnerabilities assessed in the IRWM Plan?	2
Does the Work Plan include a complete description of all tasks necessary to result in a completed project? Are all necessary and reasonable deliverables identified?	3



Cost Share Waiver vs. DAC Set Aside

Cost Share Waiver

If documentation submitted is reasonable, cost share waivers will be determined as follows:

DAC Benefit	Percent Cost Share Waiver/Reduction
75% - 100%	100%
50% - 74%	75%
25% - 49%	50%
Less than 25%	0%

DAC Set Aside

Set aside funding can be provided to a project that receives general implementation funding in addition to DAC Set Aside funding.

DAC Implementation Projects include only those projects that provide at least 75% of its benefits directly to DACs.



Note: Costs incurred after January 1, 2015 (the effective date of Prop 1) can be used as local cost share.

Recap of Ranking Process

- Step 1 – Max Quantity:
Identify max quantity in a benefit class
- Step 2 – Raw Score:
 $(\text{Project Quantity} / \text{Max Quantity}) * 20$
- Step 3 – Weighted score:
Raw Score * Weighting Factor
- Step 4 – Summation:
Add up all weighted scores

Benefit Classes	Weighting Factor
Water supply reliability, efficiency	9.2
Groundwater recharge and management	8.9
Reclaim water, treat and convey	8.5
Multipurpose flood & Stormwater	8.4
Watershed / ecosystem / wetland	7.7
Benefits to members of DACs	7.7
Benefits large area of watershed	7.6
Drinking water treatment, distribution	7.4
Contains public education component	7.4
Non-point source pollution, reduce, etc.	7.1
Fisheries restoration / protection	6.9
Removal invasive non-native species	6.3



Example: Weighted Score Project in the Ecosystem Benefit Class

Project #	Points earned	Weighting Factor	Weighted Score
A	20	7.7	154
B	5	7.7	38.5
C	2	7.7	15.4
D	0	7.7	0



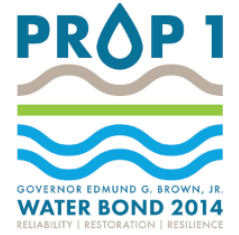
OWOW Project Workshops

- Three OWOW Project Workshops held for stakeholder review of rating and ranking results and stakeholder input
 - March 13 Workshop
 - April 3 Workshop
 - April 22 Workshop
 - Consensus regarding rating and ranking of projects.
 - Consensus on the proposed project funding allocation.
- Process was developed by OWOW governance with the goals of transparency, objectivity, and deliberation.





Available Grant Funding for Santa Ana Funding Area



	Disadvantaged Community Implementation*	General Implementation**
Prop 1 Round 1:	\$2,094,750	\$20,828,750



Total for Funding Area = \$22,923,500

Projects Submitted Through OWOW = 28

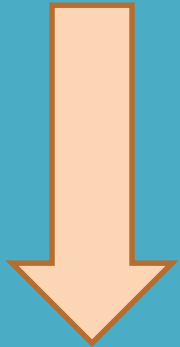
*35% of total DAC Set Aside from DWR.
**50% of funds allocated to Funding Area.



OWOW Funding Available

General and DAC

\$16,674,875



Small Budget
(10%)
and
Large Budget
(90%)



- OWOW funding reduced from \$22.9M to \$16.7M per negotiations with North OC Stakeholders
 - Reduced per the 30% allocation for North OC Stakeholders as previously discussed.
- SAWPA used the \$16.7M amount to run the funding scenarios for the OWOW workshops
 - SAWPA and North OC Stakeholders have conditionally approved a MOU that codifies the negotiations.

Large Budget Projects - Upper Watershed

Rank	Project Name	Agency Name	Weighted Score	Watershed Wide	DAC %	Grant Request
1	Replenish Big Bear	BBARWA	699.90	N	77%	\$43,715,000
2	Evans Lake Tributary Restoration and Camp Evans Recreation	SBVMWD	643.89	N	26%	\$2,000,000
3	Well 30 Wellhead Treatment Project	MVWD	526.26	N	5%	\$5,000,000
4	Regional Comprehensive Landscape Rebate Program & Accelerated Leak Detection and Meter Testing	EWMD	424.44	Y	24%	\$5,755,115
5	Joint IEUA-JCSD Regional Water Recycling Program	IEUA	401.53	N	10%	\$16,555,000
6	Well 34 Wellhead Treatment and Montclair Basin Improvements Project	IEUA	298.39	N	11%	\$2,535,000
7	Salinity and Groundwater Enhancement	YVWD	246.87	N	23%	\$13,606,000
8	San Jacinto Valley Watershed Conservation & In-Lieu Recycled Water Program	EMWD	244.25	N	37%	\$8,950,000
9	Beaumont Cherry Valley Water District Recycled Water Facility	BCVWD	170.26	N	49%	\$2,196,933
10	Wilson III Basin Project	Yucaipa City	143.83	N	22%	\$2,409,000
11	Hawker Crawford Channel	SBCFCD	101.49	N	21%	\$3,377,000
12	2019 Canyon Lake Dredging Project	LESJWA	93.87	N	31%	\$3,000,000

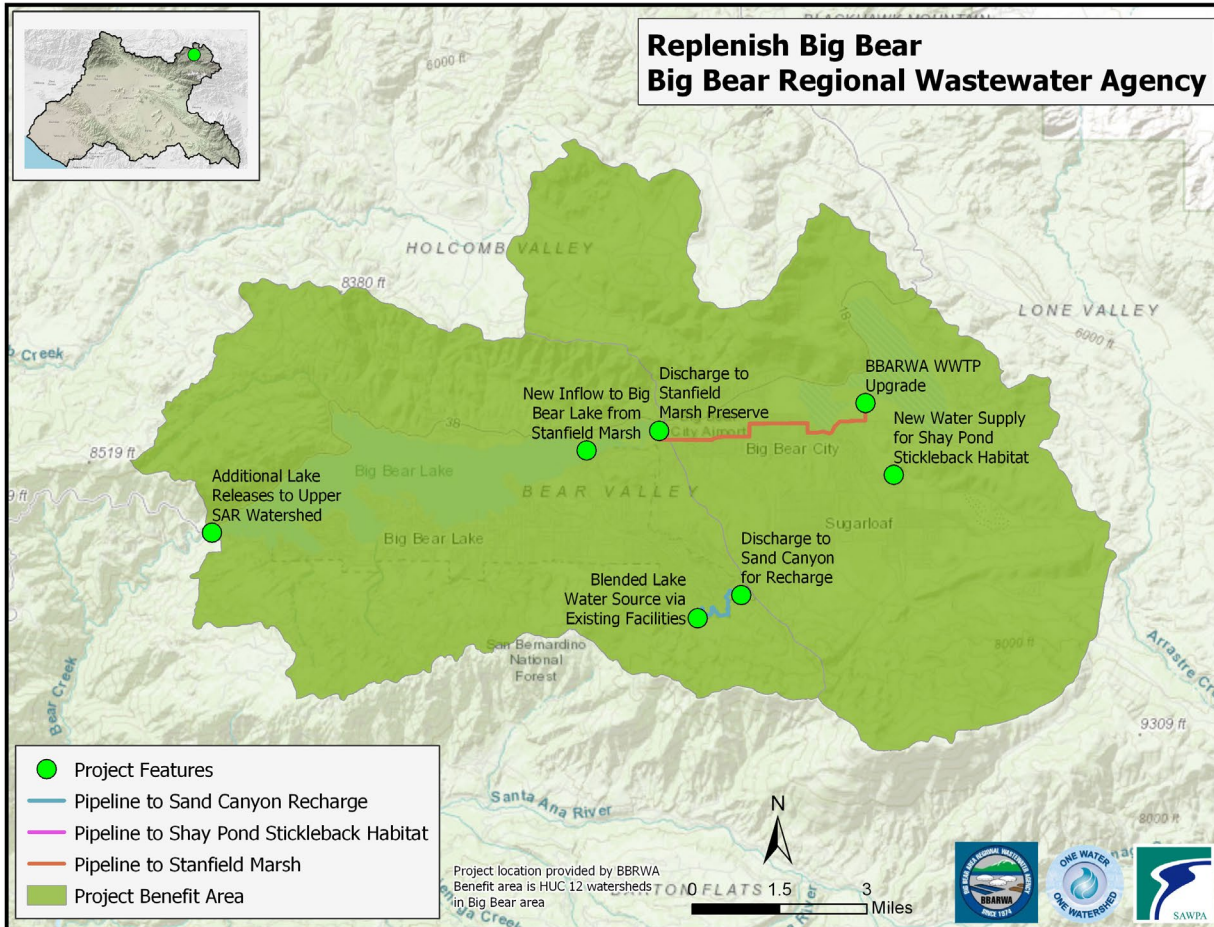
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Small Budget Projects

Rank	Project Name	Agency Name	Weighted Score	Watershed Wide	DAC %	Grant Request	Grant Award
1	Physical Harvesting of Algal Biomass in Lake Elsinore – Pilot Program	Lake Elsinore City	703.60	N	30%	\$297,000	\$297,000
2	Enhancements to Watershed-Wide Water Budget Decision Support Tool	SAWPA	612.33	Y	25%	\$500,000	\$500,000
3	 Santa Ana Mountains Watershed Protection Project 	CNF	350.47	N	7%	\$497,998	\$497,998
4	Every Neighbor Caring for Our River	IEWK	322.66	N	28%	\$475,000	
5	Santa Ana Watershed Literacy Guide and Interpretation Toolkit	CBWCD	290.26	N	28%	\$290,000	
6	Coastkeeper Smartscape	OCCK	281.90	N	21%	\$100,000	
7	Clean Camp Coalition	IEWK	281.62	N	26%	\$434,000	
8	Best Practices for Commercial, Institutional, and Municipal-Scale California Native Landscapes Guidebook	CBWCD	269.65	Y	23%	\$67,950	
9	Advancing Sustainable Landscapes in the Santa Ana River Watershed	Pacific Institute	261.91	Y	23%	\$95,000	

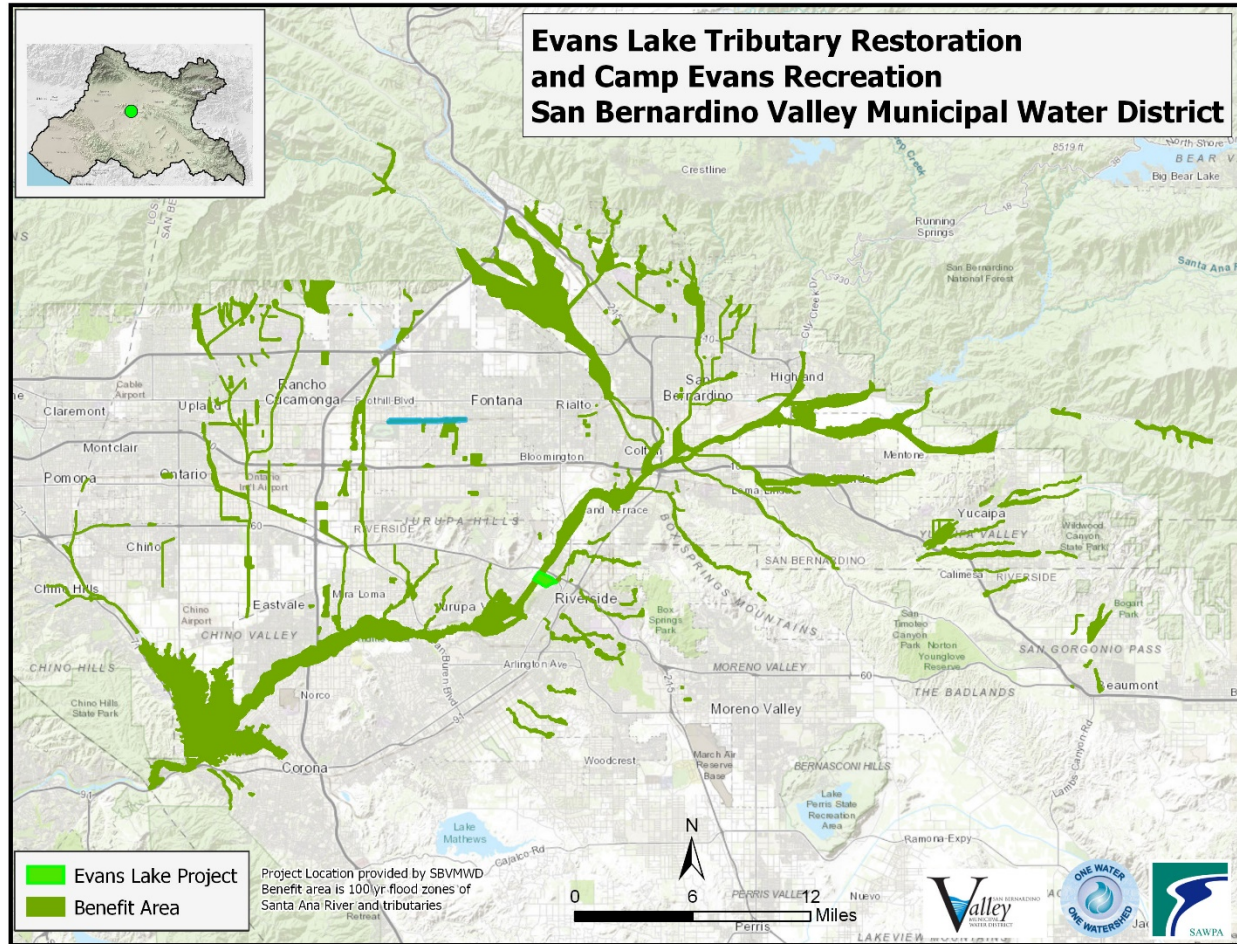
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Replenish Big Bear



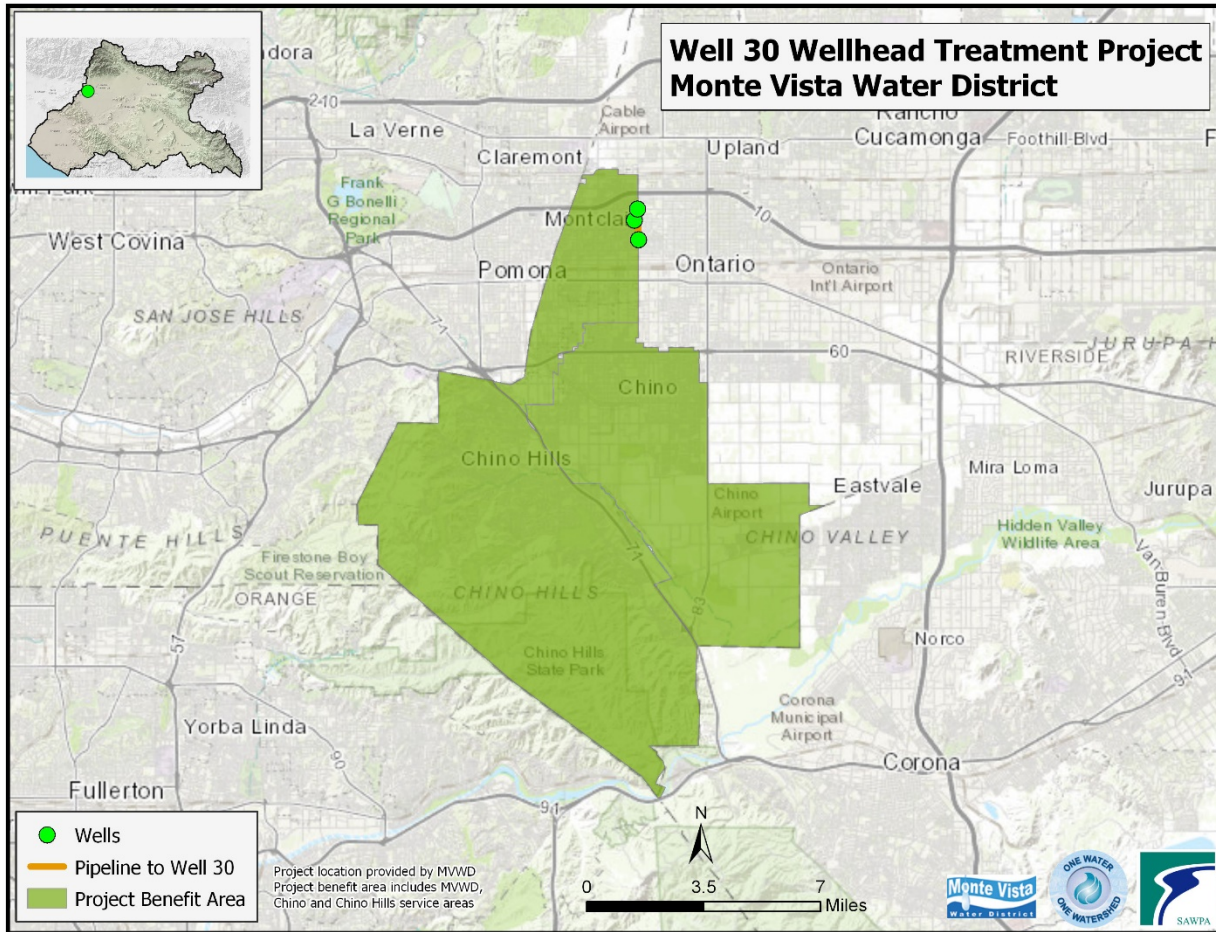
- Provides Big Bear Regional Wastewater Agency with recycled water treatment plant upgrades.
- Creates new supply of water to watershed and restores and protects sensitive habitat.
- Provides sustainable groundwater supply and optimizes water resource management in the upper watershed.

Evans Lake Tributary Restoration and Camp Evans Recreation



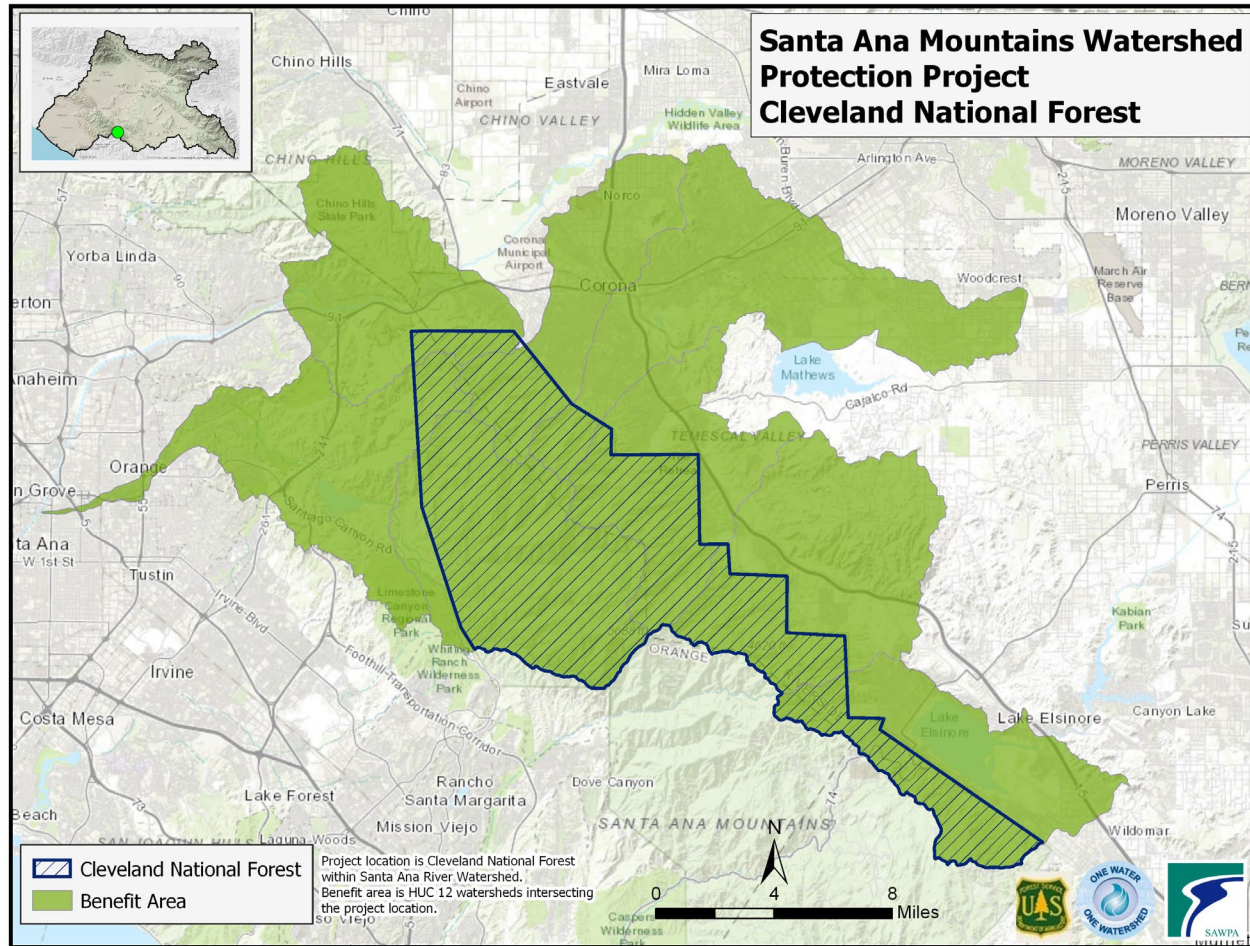
- Creates recreation and education facilities, and aquatic and terrestrial habitats near Evans Lake.
- Establishes and maintains aquatic habitat restoration for native aquatic species such as threatened Santa Ana sucker.
- Restored habitats would be monitored and maintained in perpetuity by the Upper Santa Ana River Habitat Conservation Plan.

MVWD – Well 30 Wellhead Treatment Project



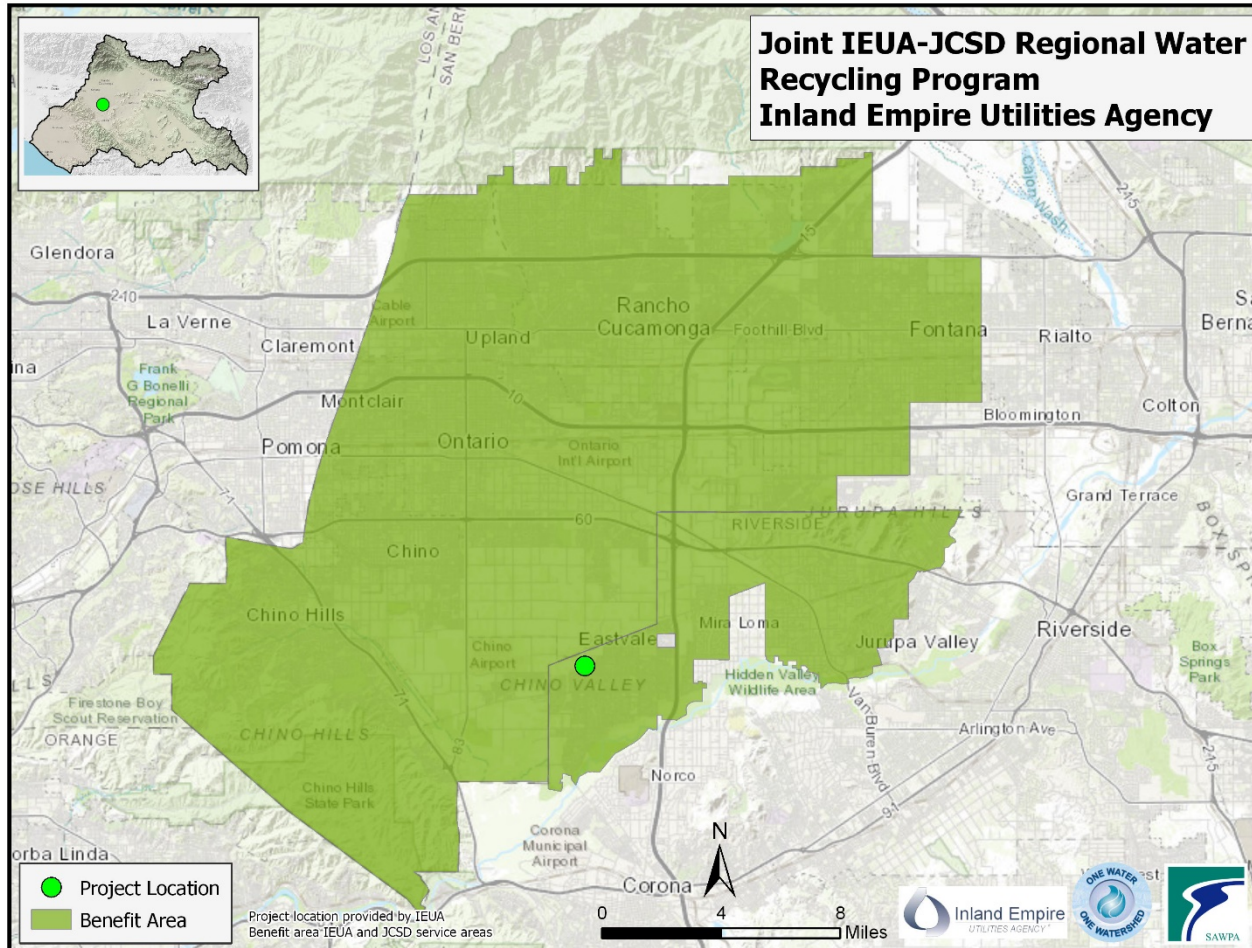
- Groundwater treatment plant that implements anion exchange and GAC to treat nitrates, perchlorate and 1,2,3 TCP in contaminated groundwater for potable drinking water.
- Reactivation of three wells that will increase supply by 6,450 acre-feet per year.

Santa Ana Mountains Watershed Protection Project



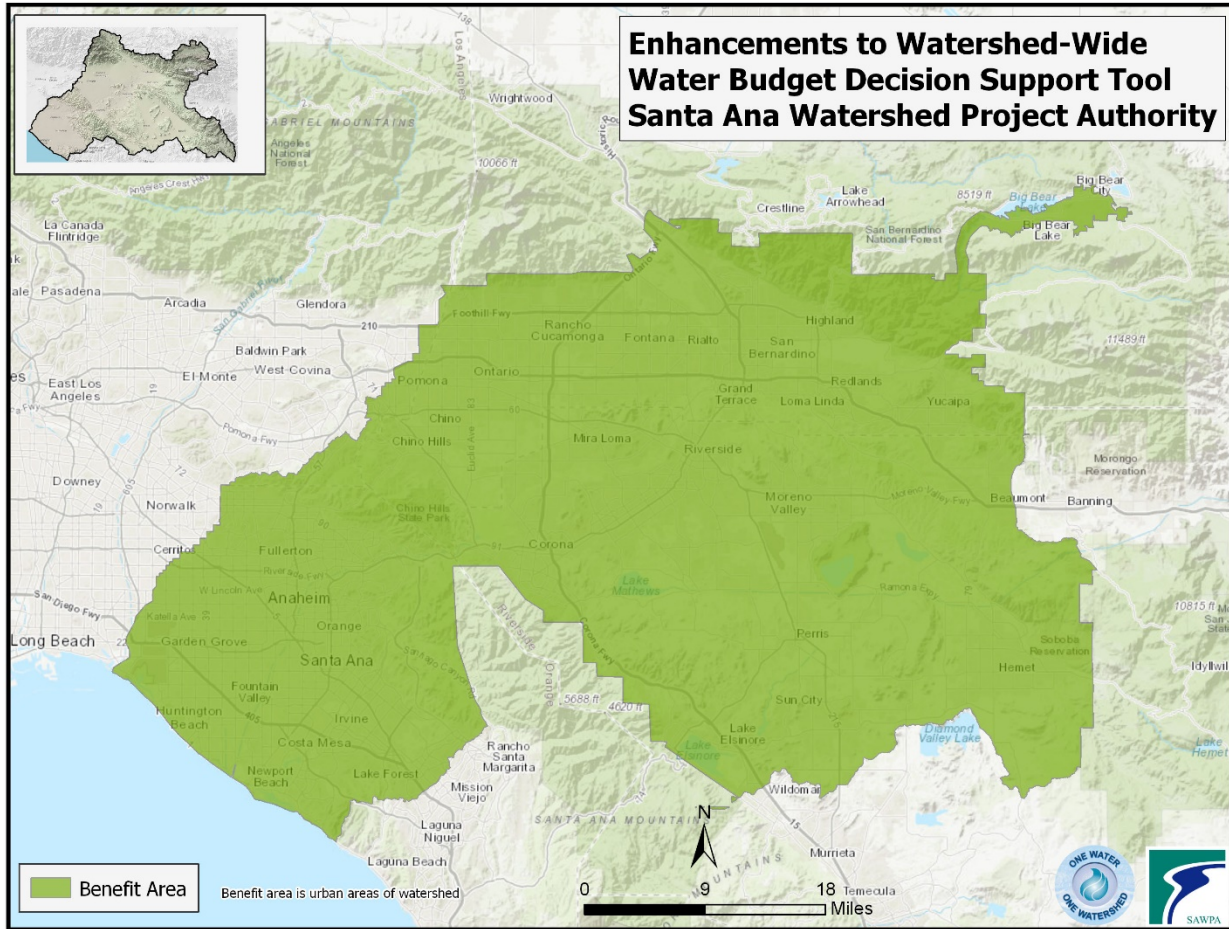
- Provides and maintains 651 acres of fuel breaks on National Forest System lands along the crest of the Santa Ana Mountains over the next 7 years.
- Reduces the probability of future wildfire events that negatively impact soil, water quality, and vegetation.

Joint IEUA-JCSD Regional Water Recycling Program



- Recycled water intertie project that includes two pump stations and 38,000 LF of pipe to maximize use of recycled water throughout the Chino Basin.
- Provides ~4,000 AFY of recycled water from Western Riverside County Regional Water Authority treatment plant for regional uses and groundwater replenishment.

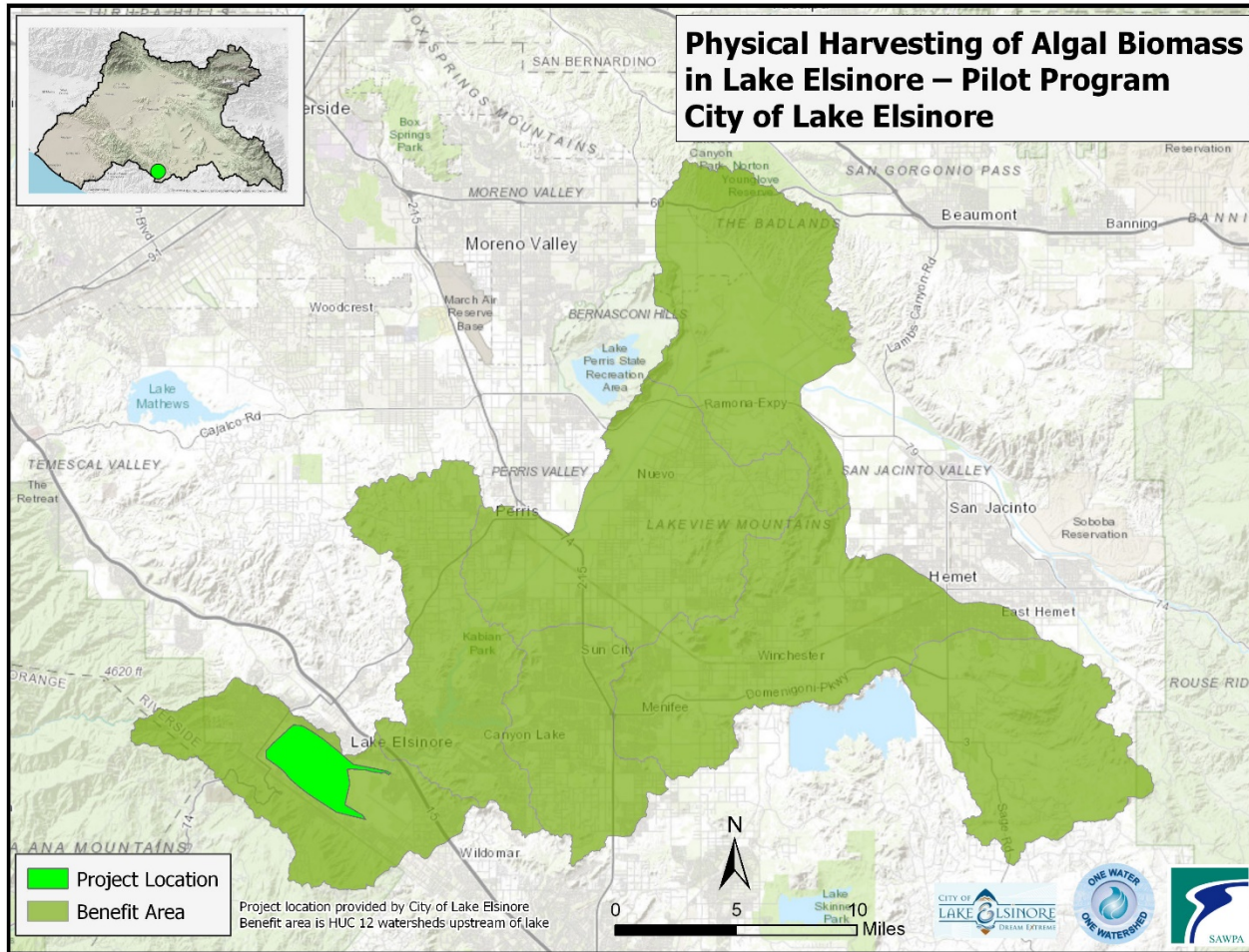
Enhancements to Watershed-Wide Water Budget Decision Support Tool



- Develops an Urban Landscape Assessment Tool to measure, classify, monitor, and report on landscape water demands for the Santa Ana River Watershed.
- Assists over 70 retail agencies in complying with State regulations that require water agencies to adhere to agency-wide water budgets.

P:\projects\Prop1\FundedProjects\Maps\FundedProjectMaps\FundedProjectMaps.aprx LayoutWaterBudget SW-2902

Physical Harvesting of Algal Biomass in Lake Elsinore



- Removal of excessive algae growth to attain newly revised total maximum daily loads (TMDLs) and improve and maintain the health of the lake.
- Project will consist of an in-situ floating barge with rotating panels to capture algae.
- Mechanical racks move algae into holding tanks on barge.

Proposed Funding Allocation for Projects

Total Projects = 8 OWOW; 4 North OC

Upper
Watershed
(60%)

Project	Grant
Replenish BB	\$2,765,588
Evans Lake	\$2,000,000
Well 30	\$3,431,225
National Forest	\$497,998
EMWD/MWDOC	\$1,184,469
IEUA/JCSD	\$2,617,971
Total	\$12,497,250

Watershed-
Wide
(10%)

Project	Grant
SAWPA Budgets	\$500,000
EMWD/MWDOC	\$1,582,875
Total	\$2,082,875

North OC
Stakeholders
(30%)

Project	Grant
Project 1	?
Project 2	?
Project 3	?
Project 4	?
Total	\$6,248,625

DAC

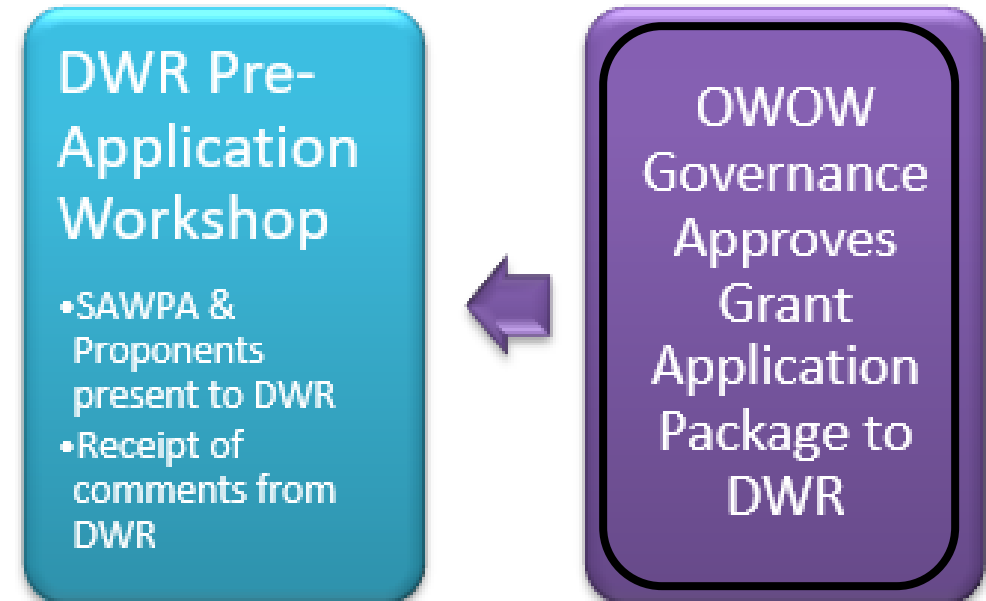
Project	Grant
Replenish BB	\$1,797,750
Lake Elsinore	\$297,000
Total	\$2,094,750



Total for Funding Area = \$22,923,500

Path Forward

- Coordination with North OC Stakeholders to gather pre-application material from North OC selected projects.
- Pre-application workshop with DWR has been set for August 12 here at SAWPA.
- The pre-application workshop provides an opportunity for project proponents to discuss and elicit feedback from DWR.



8/12

05/23 & 06/4

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Recommendation

- That the OWOW Steering Committee consider recommending the proposed OWOW IRWM portfolio of projects to the SAWPA Commission for funding under DWR's Proposition 1 IRWM Round 1 grant program.