OWOW PLAN UPDATE 2018
INCLUDING PROJECTS IN THE PLAN UPDATE

- IRWM Plans include a list of projects that, once implemented, will help achieve the goals of the plan.
- 2016 IRWM Plan Standards contains guidance on how to include projects.
- OWOW Program has done this before, has learned lessons, now must gear up to do it again.
WHY HAVE YOUR PROJECT IN OWOW PLAN UPDATE 2018?

ROLES OF THE STEERING COMMITTEE

1. Setting the policies for the OWOW Plan Update 2018 call for projects to be included in the plan
2. Setting policy for how the OWOW Program, outside a plan update process, can receive and include projects
3. Setting priorities so that projects competing for funding can be scored / ranked
TIMELINE

Today

Steering Committee Input

February

Pillar Integration

Proposed Call for Projects input

March

Steering Committee

Approve issuance of the Call for Projects

PROPOSED PRINCIPLES FOR THE CALL FOR PROJECTS FOR INCLUSION IN THE PLAN

01

All projects that meet threshold of requested information will be included. Judicious use of the term “required”.

02

Project proponents must assert and describe how projects help achieve the OWOW Plan Update 2018 Goals & Objectives

03

All project information, once submitted, will be visible to the public on a map and within the database

04

Other project databases will be input directly to the OWOW database, insofar as is technically feasible
NEXT STEPS

- Department of Water Resources releases the Proposal Solicitation Package (PSP) for Prop 1 IRWM Implementation grants (Mark Norton’s presentation)
  - OWOW SC will set the conditions of competition (scoring / ranking criteria)
  - Project Proponents self-identify as seeking grants, provide additional information in database.
- OWOW SC will create policy for how projects submitted outside the plan update process will be included in the Plan.

QUESTIONS?
Finalization of Watershed Signage with Bri Communications

Ian Achimore
SAWPA
Senior Watershed Manager

OWOW Steering Committee
Agenda Item 5A
January 25 2018

Sign Design

* 4 square feet
* Freeways, cities, water resources
* SAWPA logo; OWOW URL
* About OWOW Paragraph
Funding

* Sponsorship @ $5,200
* Funded by SAWPA and other water agencies including:
  * Orange County Watersheds
  * Inland Empire Utilities Agency
  * Jurupa Valley Community Services District
Sign Locations: 64 Total
Joint Agency Press Release

“Our Commission is very excited about supporting this effort which will show residents of this area where they get their drinking water, and where the water they use ends up.”

-Richard E. Haller

Interactive Website
OWOW Proposition 84 2015 Round Projects Update

Ian Achimore
SAWPA
Senior Watershed Manager

OWOW Steering Committee
Agenda Item 5B
January 25 2018

OWOW 2015 Round Project Amendments

<table>
<thead>
<tr>
<th>Project</th>
<th>Project Proponents</th>
</tr>
</thead>
<tbody>
<tr>
<td>2015 Integrated Watershed Protection Program</td>
<td>Riverside County Flood Control and Water Conservation District (District)</td>
</tr>
<tr>
<td>Santa Ana River Conservation and Conjunctive Use Program</td>
<td>Eastern Municipal Water District, Inland Empire Utilities Agency, Orange County Water District, San Bernardino Valley Municipal Water District, Western Municipal Water District</td>
</tr>
</tbody>
</table>
2015 Integrated Watershed Protection Program

<table>
<thead>
<tr>
<th>Description of Component</th>
<th>Benefits (Acres protected or water supply)</th>
</tr>
</thead>
<tbody>
<tr>
<td>San Jacinto River Levee, Stage 4, Phase 1: will install an approximately 2.5 mile long</td>
<td>967 acres</td>
</tr>
<tr>
<td>and approximately 10 to 12 feet high river levee in western Riverside.</td>
<td></td>
</tr>
<tr>
<td>Bautista Optimization Pond: will expand upon the existing recharge facilities, which</td>
<td>1,200 acre feet per year</td>
</tr>
<tr>
<td>include a series of 6 recharge ponds constructed adjacent to Bautista Channel.</td>
<td></td>
</tr>
<tr>
<td>Beaumont Master Drainage Plan (MDP) Line 16: will install an approximately 6,800 foot</td>
<td>547 acre feet per year</td>
</tr>
<tr>
<td>reinforced concrete water conveyance pipeline.</td>
<td></td>
</tr>
</tbody>
</table>
**San Jacinto River Levee Component**

* Issue of acquiring cost share of $2.3M to $7.6M for 117 acres of land needed for right-of-way
* Replacement component can meet existing deadline

---

**Replacement Component**

Description of Component

* Sunnymead MDP Line B (Heacock Channel), Stages 3 and 4: will improve an existing earthen channel to 100-year concrete facility. As a result of contaminated groundwater, the project design prevents potential exposure of contaminated ground water to surface water.

<table>
<thead>
<tr>
<th>Benefits (Acres protected)</th>
</tr>
</thead>
<tbody>
<tr>
<td>28 acres FEMA Zone A</td>
</tr>
<tr>
<td>200 acres FEMA Zone D</td>
</tr>
</tbody>
</table>
### 2015 Integrated Watershed Protection Program Budget

<table>
<thead>
<tr>
<th>Component</th>
<th>Grant Amount</th>
<th>Total Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>San Jacinto River Levee, Stage 4, Phase 1</td>
<td>$3,660,000</td>
<td>$22,566,000</td>
</tr>
<tr>
<td>Bautista Optimization Pond</td>
<td>$174,302</td>
<td>$3,082,000</td>
</tr>
<tr>
<td>Beaumont MDP Line 16</td>
<td>$1,220,000</td>
<td>$4,848,000</td>
</tr>
<tr>
<td>Sunnymead MDP Line B, Stages 3 and 4</td>
<td>$3,660,000</td>
<td>$17,600,000</td>
</tr>
<tr>
<td><strong>Total Before Sunnymead Replacement</strong></td>
<td>$5,054,302</td>
<td>$30,494,000</td>
</tr>
<tr>
<td><strong>Total With Sunnymead Replacement</strong></td>
<td>$5,054,302</td>
<td>$25,530,000</td>
</tr>
</tbody>
</table>

*Santa Ana River Conservation & Conjunctive Use Program (SARCCUP)*
Santa Ana River Conservation and Conjunctive Use Component

Description of Component

- Habitat Improvements: Will remove invasive weed Arundo Donax and construct about riparian vegetation for the Santa Ana sucker. (680 acres)

- Water Use Efficiency: Support approximately five (5) agencies to adopt conservation-based water rate structures and implement the Smartscape Program with partner Orange County Coastkeeper. (2,412 acre feet)

- Conjunctive Use: Create a diversified conjunctive use program that can be used to store wet-year water and then pump that water during droughts, providing dry year yield (180,000 acre feet)

SARCCUP Conjunctive Use Component Amendment

- Project leads modeled facilities/supplies that were necessary to produce 180,000 acre feet benefit
- Several components not necessary

<table>
<thead>
<tr>
<th>Proposed Sub-Components to be Removed</th>
<th>Total Costs</th>
</tr>
</thead>
<tbody>
<tr>
<td>Baseline Feeder (BLE) Extension &amp;</td>
<td>$39,702,340</td>
</tr>
<tr>
<td>Associated Chino Basin Facilities</td>
<td></td>
</tr>
<tr>
<td>Elsinore Basin Aquifer Storage &amp;</td>
<td>$6,140,000</td>
</tr>
<tr>
<td>Recovery Wells</td>
<td></td>
</tr>
<tr>
<td>San Bernardino Basin Area Associated</td>
<td>$24,155,000</td>
</tr>
<tr>
<td>Facilities</td>
<td></td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>$59,997,340</strong></td>
</tr>
</tbody>
</table>
SARCCUP Conjunctive Use Component Amendment

- Total amount of new facilities is less than old facilities
- Benefit of 180,000 acre feet remains same
- Grant of $55M would remain same

<table>
<thead>
<tr>
<th>Proposed Sub-Components to be Added</th>
<th>Total Costs</th>
</tr>
</thead>
<tbody>
<tr>
<td>Chino Basin Facilities</td>
<td>$15,000,000</td>
</tr>
<tr>
<td>Elsinore Basin Facilities</td>
<td>$4,662,000</td>
</tr>
<tr>
<td>Riverside Basin Facilities</td>
<td>$12,228,000</td>
</tr>
<tr>
<td>La Sierra Pipeline &amp; Sterling Pump Station</td>
<td>$10,800,000</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>$42,690,000</strong></td>
</tr>
</tbody>
</table>

Questions
OWOW PLAN UPDATE 2018

STATUS UPDATE

- To-date have drafts or outlines for eight of the Pillar workgroup chapters
- Other three are expected by the end of January
- At least 100 people actively engaged in writing, editing, producing content

- Reminder: Chapter Outline
  1. Pillar links to Goals & Objectives
  2. Recommended Management Strategies
  3. Recommended Policy Strategies
  4. Basis for the Recommendations
  5. Integration
  6. Other Sections
  7. Contributors
TECHNICAL WRITING CONSULTANT

- SAWPA released an RFQ to create a on-call list for technical writing
- Since has tasked Dudek Consultants with supporting OWOW Plan Update 2018
  - Supporting all non-pillar chapter updates
  - Overall editorial assistance (early deliverable is a style guide)
  - May include help with pillar chapter development, if needed.

SEDIMENT MANAGEMENT
SPECIAL PILLAR INTEGRATION MEETING

- Pillar Integration Meetings, bi-monthly efforts to find synergies and build integrated ideas.
- During several brainstorms about critical regional needs, Sediment Management came up
- Stakeholders & Pillars requested special meeting with sediment management focus
PARTNERSHIP WITH RECLAMATION

- SAWPA and OWOW have a long and close relationship with US Department of Interior Bureau of Reclamation
- A Reclamation "Basin Study" (one of their biggest planning programs) supported OWOW 2.0
- Reclamation staff are participating with the Climate Risk & Response Pillar.
- A new agreement is being developed to allow Reclamation to update climate data in support of OWOW Plan Update 2018

QUESTIONS?

OWOW PLAN UPDATE 2018 IS ON SCHEDULE AND ON BUDGET
Focus on Program Element 1 – Strengths & Needs Assessment

- Interviews and assessment efforts underway throughout watershed
- Seven interns placed, supported by CivicSpark Fellows, more available
“ORGANIZING DISADVANTAGED COMMUNITIES FOR SUCCESS” – A CSU / LACI EVENT IN CARSON

- Mike Antos presented alongside Grace Cast (Executive Officer of the Gateway Water Management Authority) about the DCI Program in Santa Ana and Greater Los Angeles IRWM Funding Regions.
- Break-out session for Q&A

HOMELINESS & WATER SYMPOSIUM 2
ONGOING ACTIVITY IN DCI PROGRAM

PE1: Strengths & Needs Assessment
- TAC Development
- Supporting DCTC Pillar
- Community interviews & research

PE2: Education / Engagement
- Tribal Consultation
- Developing consultant scope for “Trust the Tap”
- Developing consultant scope for translation services
- Community Water Internship Program

PE3: Project Development
- Supporting OWOW Plan Update 2018
- CivicSpark Water Fellows

NEXT STEPS IN DCI PROGRAM

PE1: Strengths & Needs Assessment
- (cont.) Community interviews & research
- Strengths & Needs Report issued Fall 2018
- Community Listening Workshops

PE2: Education / Engagement
- Engagement best practices publications
- Support for OWOW Conference in 2019
- Education / training events
- (cont.) Community Water Internship Program

PE3: Project Development
- Technical Assistance for Community Needs
- (cont.) CivicSpark Water Fellows
DCI PROGRAM TECHNICAL ADVISORY COMMITTEE

- Currently six members, looking to add three additional experts in community water-related challenges and opportunities
- TAC meets every-other-month to discuss progress of program
- Program Element 3 – Project Development

TAC MEMBERSHIP – 9 MEMBERS

- Expertise from the five program partners:
  - Cal State University
  - California Rural Water Association
  - Local Government Commission
  - Water Education Foundation
  - University of California Irvine
- Four outside members
  - Accepted invitation:
    - Maria Mehranian (Cordoba Corp.)
  - Proposed invitees:
    - Orange County Public Works
    - Eastern Municipal Water District
    - Riverside County Flood Control District
DCI PROGRAM IS ON SCHEDULE AND ON BUDGET

QUESTIONS?
DWR Prop 1
Integrated Regional Water Management (IRWM)
Implementation Funding

Mark R. Norton PE, LEED AP
Santa Ana Watershed Project Authority
January 25, 2018

IRWM Funding Areas of Prop 1
**OWOW = IRWM**

- One Water One Watershed (OWOW) Plan is SAWPA’s Integrated Regional Water Management (IRWM) Plan
- SAWPA’s service area is the Santa Ana Funding Area
- SAWPA is also the only State recognized IRWM region in this Funding Area (Huge advantage!!)
- Most other Funding Areas have multiple IRWM regions which have to compete for funding

---

**Available Prop 1 IRWM Funding**

<table>
<thead>
<tr>
<th>Funding Areas</th>
<th>P1 Allocation</th>
<th>2% Bond Admin</th>
<th>5% Program Delivery</th>
<th>10% DAC Involvement</th>
<th>10% DAC Projects</th>
<th>Remaining*</th>
</tr>
</thead>
<tbody>
<tr>
<td>North Coast</td>
<td>$26,500,000</td>
<td>$30,000</td>
<td>$1,325,000</td>
<td>$2,650,000</td>
<td>$2,650,000</td>
<td>$19,345,000</td>
</tr>
<tr>
<td>San Francisco Bay Area</td>
<td>$65,000,000</td>
<td>$1,300,000</td>
<td>$3,250,000</td>
<td>$6,500,000</td>
<td>$6,500,000</td>
<td>$47,450,000</td>
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<tr>
<td>Central Coast</td>
<td>$43,000,000</td>
<td>$860,000</td>
<td>$2,150,000</td>
<td>$4,300,000</td>
<td>$4,300,000</td>
<td>$31,350,000</td>
</tr>
<tr>
<td>Los Angeles</td>
<td>$63,000,000</td>
<td>$1,260,000</td>
<td>$3,350,000</td>
<td>$6,300,000</td>
<td>$6,300,000</td>
<td>$45,990,000</td>
</tr>
<tr>
<td>Santa Ana</td>
<td>$63,000,000</td>
<td>$1,260,000</td>
<td>$3,350,000</td>
<td>$6,300,000</td>
<td>$6,300,000</td>
<td>$45,990,000</td>
</tr>
<tr>
<td>San Diego</td>
<td>$62,500,000</td>
<td>$1,050,000</td>
<td>$2,250,000</td>
<td>$5,250,000</td>
<td>$5,250,000</td>
<td>$48,250,000</td>
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<tr>
<td>Sacramento River</td>
<td>$37,000,000</td>
<td>$740,000</td>
<td>$1,850,000</td>
<td>$3,700,000</td>
<td>$3,700,000</td>
<td>$27,010,000</td>
</tr>
<tr>
<td>San Joaquin River</td>
<td>$31,000,000</td>
<td>$620,000</td>
<td>$1,550,000</td>
<td>$3,100,000</td>
<td>$3,100,000</td>
<td>$22,630,000</td>
</tr>
<tr>
<td>Tulare/Kern</td>
<td>$34,000,000</td>
<td>$860,000</td>
<td>$1,700,000</td>
<td>$3,400,000</td>
<td>$3,400,000</td>
<td>$24,820,000</td>
</tr>
<tr>
<td>North/South Lahontan</td>
<td>$24,500,000</td>
<td>$490,000</td>
<td>$1,225,000</td>
<td>$2,450,000</td>
<td>$2,450,000</td>
<td>$17,885,000</td>
</tr>
<tr>
<td>Colorado River</td>
<td>$22,500,000</td>
<td>$450,000</td>
<td>$1,125,000</td>
<td>$2,250,000</td>
<td>$2,250,000</td>
<td>$16,425,000</td>
</tr>
<tr>
<td>Mountain Counties</td>
<td>$13,000,000</td>
<td>$260,000</td>
<td>$650,000</td>
<td>$1,300,000</td>
<td>$1,300,000</td>
<td>$9,490,000</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>$510,000,000</strong></td>
<td><strong>$10,200,000</strong></td>
<td><strong>$25,300,000</strong></td>
<td><strong>$51,000,000</strong></td>
<td><strong>$51,000,000</strong></td>
<td><strong>$372,300,000</strong></td>
</tr>
</tbody>
</table>

*Remaining Statewide Funding*

- Planning Solicitation: $5,000,000
- Implementation Solicitations: $367,500,000
- **Total**: $372,500,000
Prop 1 Implementation Eligible Projects

Included, but not limited to:
• Decision support tools
• Conjunctive use
• Improvement of water quality
• Storm water resource management
• Surface and underground water storage
• Water conveyance facilities
• Water desalination projects
• Water reuse and recycling
• Water-use efficiency and water conservation
• Watershed protection, restoration, and management projects

Prop 1 Requirements Eligible Applicants to SAWPA OWOW & Funding Match

• Public Agencies
• Non-profit Organizations
• Public Utilities
• Federally Recognized Indian Tribes
• California Native American Tribes
• Mutual Water Companies

Non-State cost share not less than 50% of total project cost
• May be waived for certain projects benefiting Disadvantaged Communities, Economically Distressed Areas & Under Represented Communities
Prop 1 Requirements (Cont.)

• Projects must be included in IRWM Plan (OWOW Plan) and:
  • Respond to climate change and
  • Contribute to regional water security (water supply reliability)

• Projects will address the most critical statewide needs by funding area and priorities for public funding

• Priority will be given to projects that leverage non-State funding or produce greatest public benefit

• Special consideration for projects that:
  • Achieve multiple benefits
  • Employ new or innovative technology or practices

DWR Principles for Change in Process

• Improve engagement between DWR and the IRWM regions to discuss how proposed projects will help the region and Funding Area

• DWR seeks opportunity to clarify and understand projects in an application and ensure that the most critical needs within a Funding Area are met

• Maintain competition in the process but regional competition may be accepted for those Funding Areas with one IRWM region like SAWPA

• Ensure projects developed through DCI Program have greatest chance to receive Implementation Grant Funding
Prop 1 Priorities

Priority will be given to projects that leverage non-State funding or produce greatest public benefit

Special consideration for projects that:
- Cover a greater portion of the watershed
- Achieve multiple benefits and
- Employ new or innovative technology or practices

Proposed Revised Process

Step 1 – Applicant presentation/consultation
Step 2 – DWR response
Step 3 – IRWM Region submits application
Step 4 – DWR Evaluates and makes Draft Funding Recommendation
Step 1– Applicant Presentation/Consultation

- Applicant presents:
  - Region description and critical needs
  - Potential projects that could address those needs and demonstrates how they are eligible
  - How past IRWM funding has contributed to addressing the needs and how the proposed projects build on past projects
  - Nature of stakeholder coordination

Critical Need Examples
- Water Supply, Water Quality, Flood Management, etc.

Step 2– DWR Response

- DWR reviews potential projects
- Does not score, but provides applicant with a list of observations and comments

Step 3 – Application

- Applicant may drop/replace/adjust projects based on DWR’s review
- IRWM Region submits application
Step 4– Application Evaluation

- DWR evaluation produces project specific and overall proposal scores
- DWR makes Draft Funding Recommendation
  - Similar to existing process, DWR will not drop individual eligible projects from a proposal

Meeting with DWR Upper Mgt - 1/22/18

- Eliminate scoring for Funding Areas with just one IRWM and Funding Areas with funding agreements
  - DWR staff still seems receptive
- Flexibility on use of disadvantaged community implementation grants after DCI Program is complete
  - DWR staff still seems receptive to allowing IRWM to shift grant timing to complete disadvantaged community involvement
Prop 1 IRWM Grant Funding

- Future OWOW grant applications
  - 2018-19
    - 1st Round Implementation Projects - $23 million
  - 2020-21
    - 2nd Round Implementation projects - $23 million
  - Or 2018-2021
    - Funding allocation and timing negotiated with DWR
- Disadvantaged Communities projects
  - $6.3 million split between these two rounds (?)
  - Or funding allocation and timing negotiated with DWR

Meeting with DWR Upper Mgt - 1/22/18

- Roundtable of Regions will see Conceptual Grant Application PSP (Proposal Solicitation Package) in Feb. 2018
- Official release of draft PSP Apr. 2018
- Final release of PSP in June 2018
**Schedule - Future Prop 1 IRWM Implementation Grants Program**

<table>
<thead>
<tr>
<th>Program</th>
<th>Draft Grant Application (PSP)</th>
<th>Final Grant Application (PSP)</th>
<th>Grant Application Due to DWR</th>
<th>Execute Agreement</th>
</tr>
</thead>
<tbody>
<tr>
<td>Prop 1 Round 1 Implementation &amp; Disadvantaged Communities Implementation</td>
<td>April 2018</td>
<td>June 2018</td>
<td>Late Fall 2018</td>
<td>Winter 2018/2019</td>
</tr>
<tr>
<td>Prop 1 Round 2 Implementation &amp; Disadvantaged Communities Implementation</td>
<td>Winter 2019/2020</td>
<td>Spring 2020</td>
<td>Summer 2020</td>
<td>Fall 2020</td>
</tr>
<tr>
<td>Prop 1 Rounds 1 &amp; 2</td>
<td></td>
<td></td>
<td>Allocation and timing of both rounds negotiated with DWR</td>
<td></td>
</tr>
</tbody>
</table>

**OWOW Schedule**

DWR Implementation Grant Request Due Date – Summer 2018

<table>
<thead>
<tr>
<th>SAWPA Commission Meetings</th>
</tr>
</thead>
<tbody>
<tr>
<td>Feb 21st</td>
</tr>
<tr>
<td>Apr 18th</td>
</tr>
<tr>
<td>Jun 20th</td>
</tr>
<tr>
<td>Aug 15th</td>
</tr>
<tr>
<td>Oct 17th</td>
</tr>
<tr>
<td>Feb 20th</td>
</tr>
<tr>
<td>Apr 17th</td>
</tr>
<tr>
<td>Jun 19th</td>
</tr>
<tr>
<td>Aug 21st</td>
</tr>
<tr>
<td>Oct 16th</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Steering Committee Meetings</th>
</tr>
</thead>
<tbody>
<tr>
<td>Jan 25th</td>
</tr>
<tr>
<td>Mar 22nd</td>
</tr>
<tr>
<td>Jul 26th</td>
</tr>
<tr>
<td>Sept 27th</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>DCI &amp; Planning Grant Contracts Executed</th>
</tr>
</thead>
<tbody>
<tr>
<td>Goals &amp; Objectives Review</td>
</tr>
<tr>
<td>Collaborative Project Development</td>
</tr>
<tr>
<td>Disadvantaged Communities Working Plan</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Grant Guidelines Released for Comments</th>
</tr>
</thead>
<tbody>
<tr>
<td>Final Pillar Chapters Due</td>
</tr>
<tr>
<td>Final Pillar &amp; General Chapters Due</td>
</tr>
<tr>
<td>OWOW Plan Update 2018 adopted</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Grant Application Prepared and Submitted</th>
</tr>
</thead>
</table>

<p>| 2017 |</p>
<table>
<thead>
<tr>
<th>FEB</th>
<th>APR</th>
<th>JUN</th>
<th>AUG</th>
<th>OCT</th>
</tr>
</thead>
</table>

| 2018 |
| FEB | APR | JUN | AUG | OCT |
Questions?