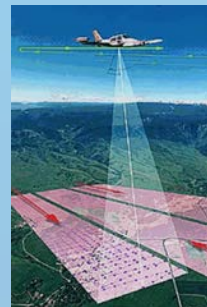


Status Report on the Project Agreement 22 Committee



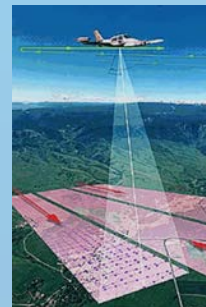
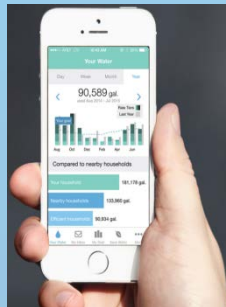
OWOW Steering Committee

July 7, 2016



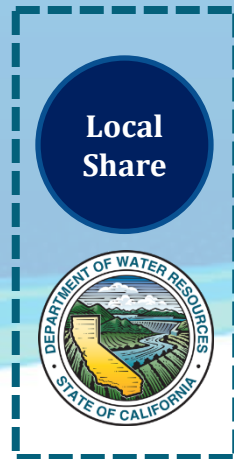
Recommendation

- **Receive and file** this report of the Project Committee 22 activities regarding project implementation and budget.



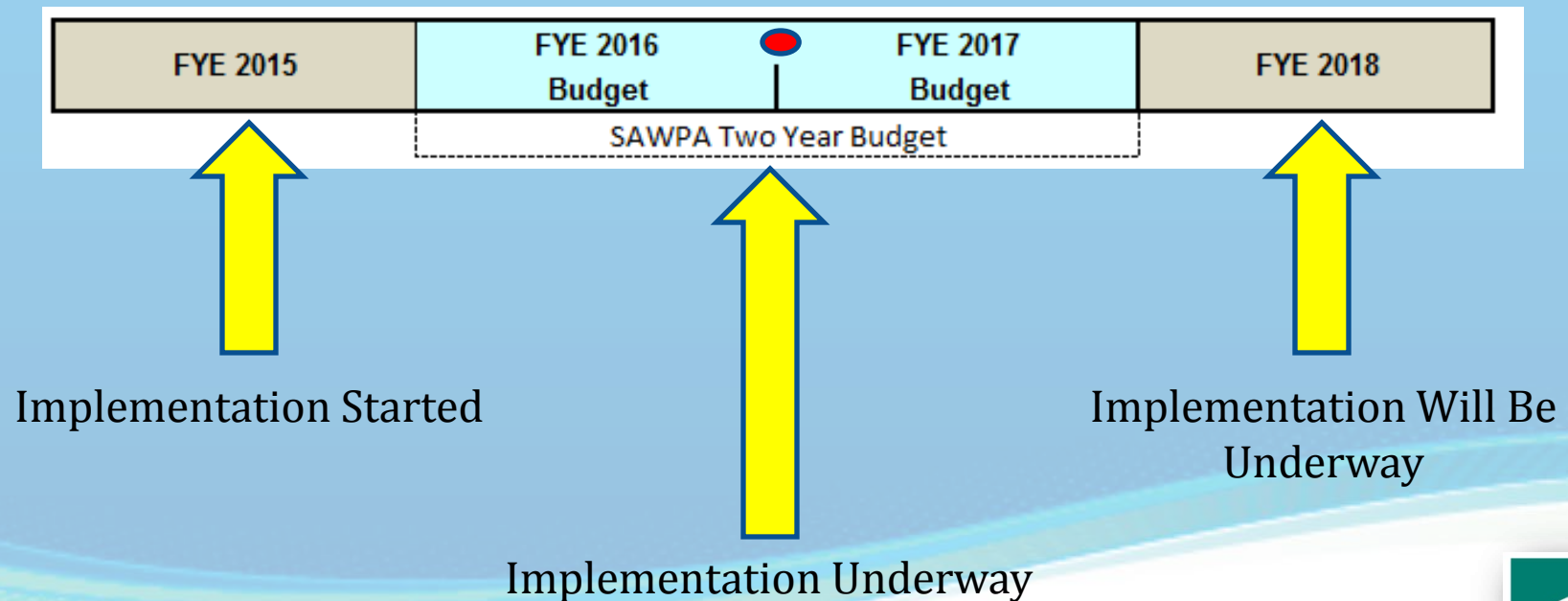
Background – Grant Agreement

- SAWPA and the Department of Water Resources (DWR) executed the Grant Agreement for the Program on July 20, 2015.
- Under the Grant Agreement, **\$12,860,110** is provided in Proposition 84 grant funding and **\$10,645,000** is accounted as matching funds, for a total Program cost of **\$23,505,110**.



Background – Committee Budget

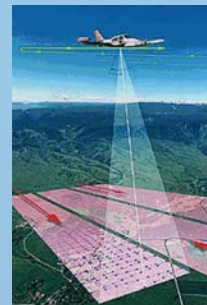
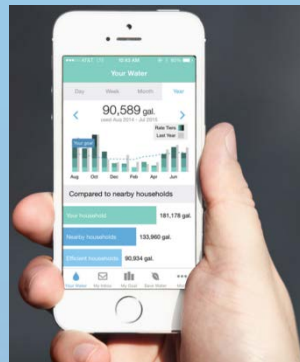
- The approved budget is for Fiscal Year Ending (FYE) 2016 and FYE 2017.



 :You Are Here

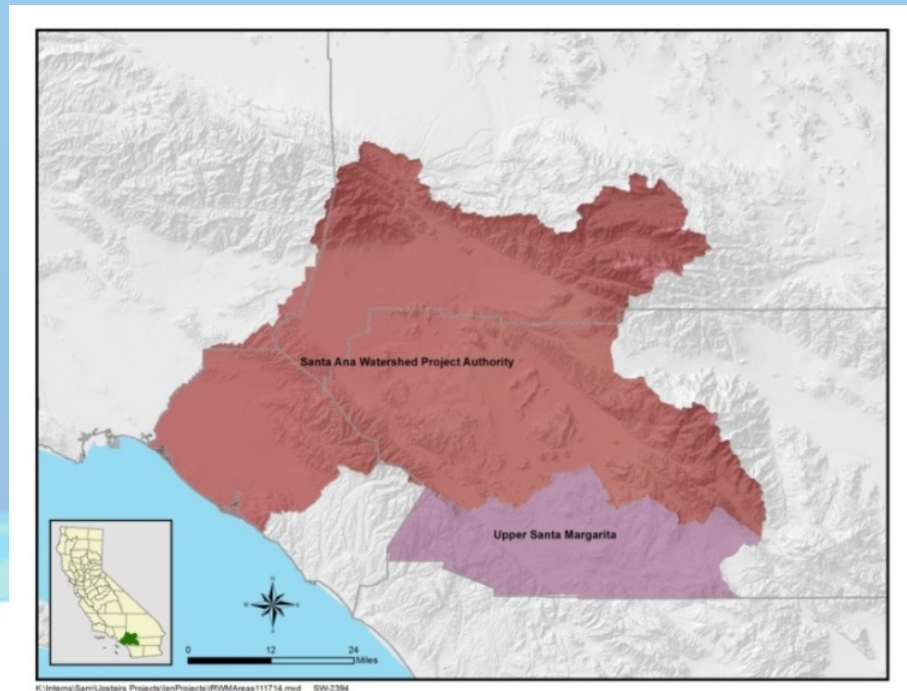
Background - Projects

- Project 1: Conservation Based Reporting Tools and Rate Structure Implementation
- Project 2: High Visibility Turf Removal and Retrofit



Background – Dollars per Project

- Project 1 Tools/Rates: **\$7,587,610** in grant funding
- Project 2 Turf: **\$5,272,500** in grant funding
- Note: Program is multi-watershed in scope covering the SARW and the Upper Santa Margarita Watershed, which are in two different Integrated Regional Water Management funding areas.



Project 1 Background



- This project includes the following sub-tasks:
 - Sub-task: Conservation Based Rate Structure, which involves supporting 5-12 agencies in adopting conservation-based water rates,
 - Sub-task: Web Based Water Consumption Reporting, which involves the OmniEarth support tool that is available to retail water agencies, and
 - Sub-task: Aerial Mapping & Measurement, which involves creating landscape area data by parcels across the Santa Ana River Watershed and most of the Upper Santa Margarita Watershed.

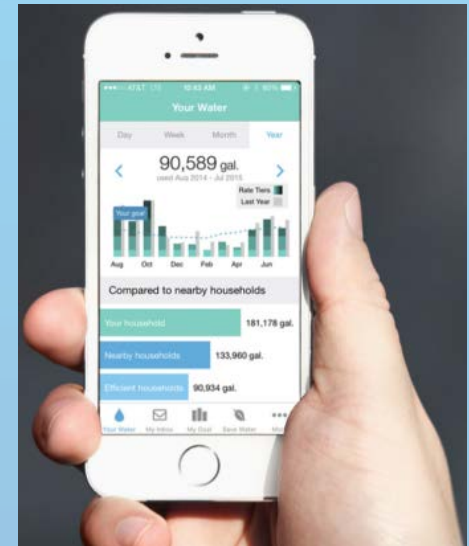
Work Description – Project 1

- Sub-Task : **Conservation Based Rate Structure**
 - Committee approved template contracts.
 - 13 retail water agencies approved for contracts.
 - Each contract has up to \$215,030 for costs of rate studies, GIS work, implementation of rates, etc.

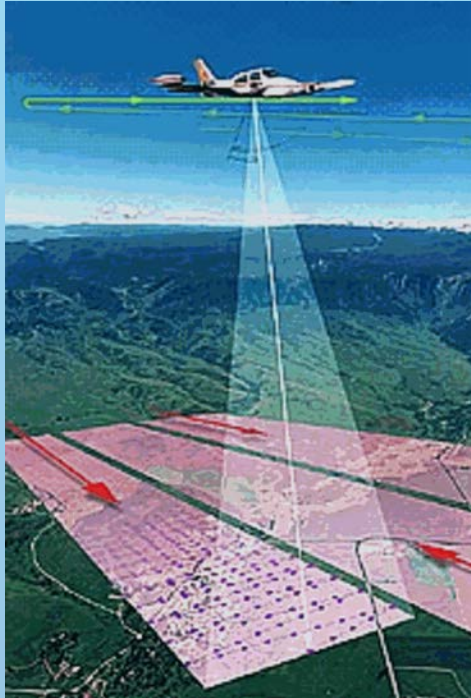


Work Description – Project 1

- **Sub-Task :Web-Based Technology Tool**
 - Committee approved RFP for technology based tool
 - Consultant team of OmniEarth/DropCountr was chosen and a contract was awarded for \$1,500,000.
 - The PA 22 Committee has received ongoing updates from SAWPA staff as well as OmniEarth staff.
 - 6 retail water agencies signed up with consultant team and another 9 agencies under negotiation.



Work Description – Project 1



- **Sub-Task: Aerial Mapping & Measurement:**
 - Committee approved several RFPs developed by SAWPA staff with three separate consultants.: Geophex, Ltd., Statistical Research Inc., and Resource Strategies Inc.
 - The total amount contracted for all three consultants is \$735,245.
 - The aerial mapping and measurement work delivery has been prioritized for the agencies seeking to implement budget based water rates under the rates subtask.

Project 1 – Budget

Conservation Based Reporting Tools and Rate Structure Implementation

Budget Description	FYE 2015 Actuals	FYE 2016 Budget	FYE 16 Jul - Mar Actuals	FYE 2016 Actuals as % of FYE 2016 Budget	FYE 2017 Budget
Total Revenues	N/A	\$ 2,229,502	N/A	N/A	\$ 2,243,172
Total Expenditures	\$ 196,758	N/A	\$ 1,587,207	71%	N/A

Work Description – Project 2

High Visibility Turf Removal and Retrofit

- Funding allocation process across the watershed took into account:
 - evapotranspiration rates,
 - population levels and
 - geographic location.
- Defined high visibility turf removal areas
- Defined funding threshold for individual projects
- Defined types of projects benefiting public agencies and homeowner associations.



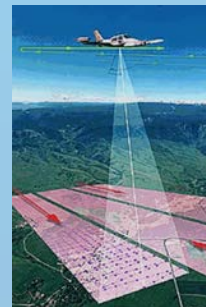
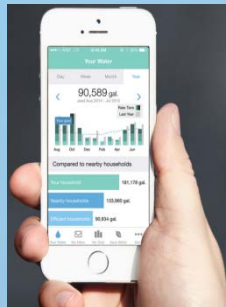
Project 2 Budget

High Visibility Turf Removal and Retrofit

Budget Description	FYE 2015 Actuals	FYE 2016 Budget	FYE 16 Jul - Mar Actuals	FYE 2016 Actuals as % of FYE 2016 Budget	FYE 2017 Budget
Total Revenues	N/A	\$ 1,622,500	N/A	N/A	\$ 1,622,500
Total Expenditures	\$ 309,234	N/A	\$ 918,675	57%	N/A

Recommendation

- **Receive and file** this report of the Project Committee 22 activities regarding project implementation and budget.



Proposal to the
Bureau of Reclamation
for
Santa Ana Basin Plan Update



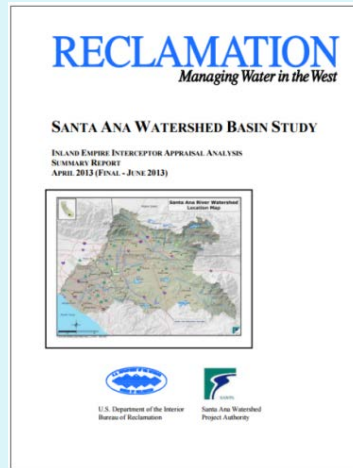
Mike Antos, Watershed Manager
OWOW Steering Committee
July 7, 2016



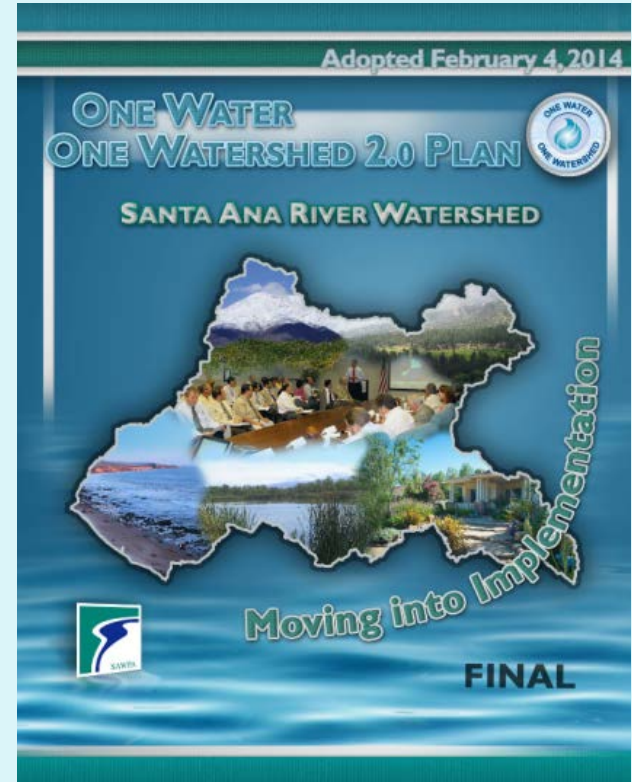
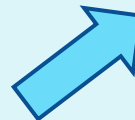
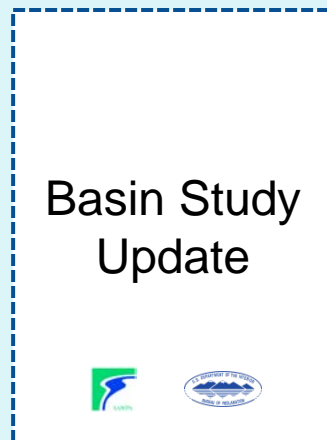
Santa Ana Basin Study Update



2011-2013



2017-2018



Proposal to Reclamation Spatial Analysis



Proposal to Reclamation Presentation of data

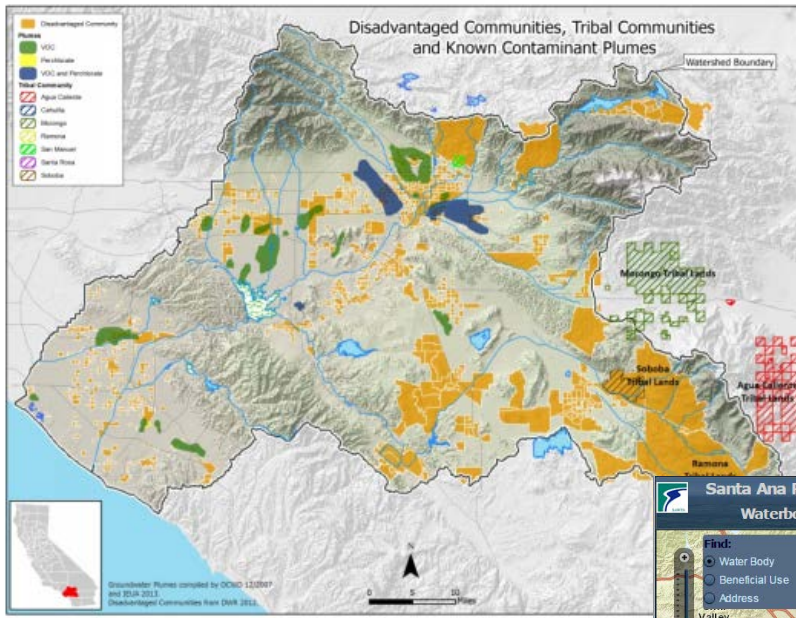
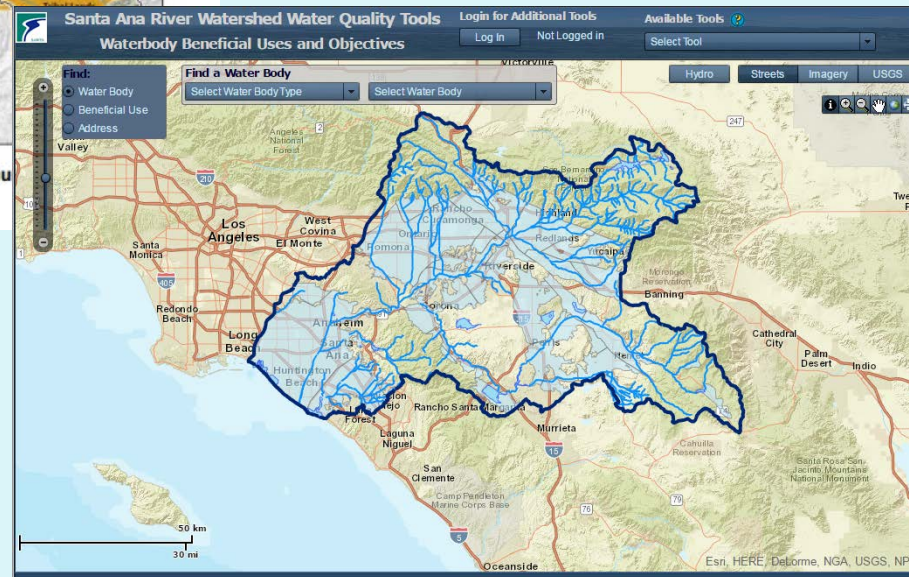


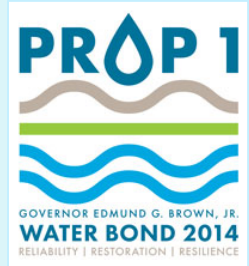
Figure 12: Known contaminant plumes underlying Disadvantaged Communities within the Santa Ana Watershed

Table 1: Summary of Effects of Climate Change on Supply

Hydroclimate Metric (change from 1990s)	2020s	2050s	2070s
Precipitation (%)	0.67	-5.41	-8.09
Mean Temperature (°F)	1.22	3.11	4.1
April 1 st SWE (%)	-38.93	-80.4	-93.07
Annual Runoff (%)	2.6	-10.08	-14.61
Dec-Mar Runoff (%)	9.82	-3.01	-6.38
Apr-Jul Runoff (%)	-6.35	-25.24	-31.39



Proposal to Reclamation Required IRWM Plan Updates

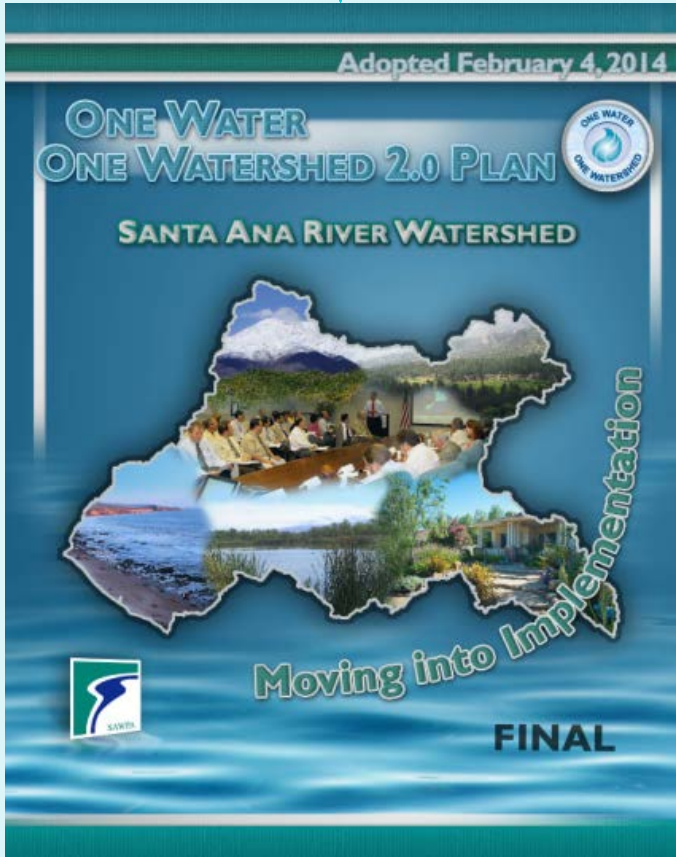


Climate
Vulnerability
Prioritization

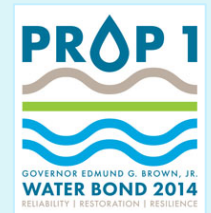
New
Groundwater
Sustainability
Plans

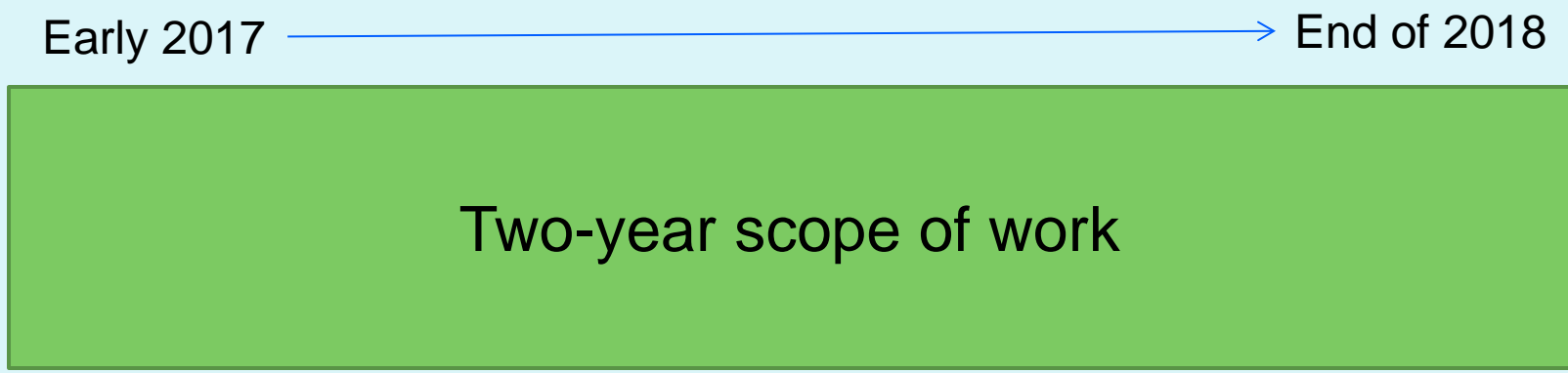
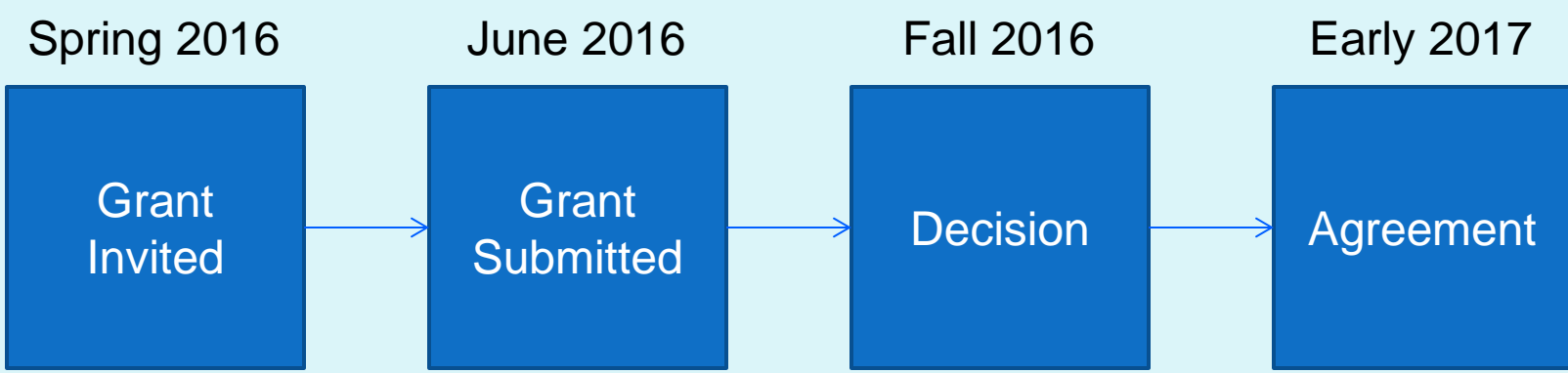
New Climate
Data
Collection

New
Stormwater
Resources
Plans



Funding Partnership





Proposal to the Bureau of Reclamation for Santa Ana Basin Plan Update



Questions or Discussion?



Mike Antos, Watershed Manager
OWOW Steering Committee
July 7, 2016



Proposal to the Bureau of Reclamation for Santa Ana Basin Plan Update



Recommendation:

Receive and file this update about the proposal submitted by SAWPA to receive cost-share assistance from Reclamation.



Mike Antos, Watershed Manager
OWOW Steering Committee
July 7, 2016



ADOPTION OF THE CHINO BASIN STORM WATER RESOURCES PLAN INTO OWOW 2.0



Andy Campbell
Deputy Manager of Planning
Inland Empire Utilities Agency

Storm Water Management Plan

- Water Code section 10563 (as amended by Senate Bill 985) requires public agencies to develop a Storm Water Resource Plan as a condition of receiving grant funds from a bond (approved after January 2014) for storm water and dry weather runoff capture projects



Proposition 1 Stormwater Grant

Eligible Applicants	Public agencies, nonprofit organizations, public utilities, federally recognized Indian tribes, state Indian tribes listed on Native American Heritage Commission's California Tribal Consultation List, and mutual water companies.
Eligible Project Types	<p>Implementation - Multi-benefit storm water management projects which may include, but shall not be limited to, green infrastructure, rainwater and storm water capture projects and storm water treatment facilities.</p> <p>Planning - Development of Storm Water Resource Plans to meet the requirements of Water Code section 10562 and related State Water Board guidelines and project-specific planning projects.</p>
Funding Available	\$200 million.
Applications	ROUND 1: Open Now! ROUND 2: Tentative for 2018

SWRP Guidelines

- Water Code section 10565 requires the State Water Board to establish guidance for Storm Water Resource Plans.
 - Watershed Collaboration
 - Quantitative Prioritization
 - Implementation Strategy and Schedule
 - Public Outreach and Participation
 - Checklist and Self-Certification

Storm Water Resource Plan Guidelines



December 15, 2015

STATE WATER RESOURCES CONTROL BOARD
CALIFORNIA ENVIRONMENTAL PROTECTION AGENCY



Why Include in OWOW 2.0

- Approach on a Watershed scale yielding multiple benefits
- Participate in a Regional Integrated Resources Management Plan
- Coordinate with agencies that exercise their own authorities and mandates to address storm water and dry weather runoff management
- Plan, coordinate, support, and collaborate among two or more lead local agencies responsible for Plan implementation



Chino Basin SWRP

- Follows self-certification outline
- Summarizes the Optimum Basin Management Plan, Recharge Master Plans, and others efforts
- Provides references, as required
 - <http://www.ieua.org/stormwater-resources-plan/>
 - References are all linked to IEUA, Watermaster, or Regional Board websites
 - GIS files are provided

ORGANIZATION, COORDINATION, COLLABORATION (GUIDELINES SECTION VI.B)	
<input type="checkbox"/>	Plan includes identification of and coordination with agencies and organizations (including, but not limited to public agencies, nonprofit organizations, and privately owned water utilities) that need to participate and implement their own authorities and mandates in order to address the storm water and dry weather runoff management objectives of the Plan for the targeted watershed.
References:	
<input type="checkbox"/>	Plan includes identification of nonprofit organizations working on storm water and dry weather resource planning or management in the watershed.
References:	
<input type="checkbox"/>	Plan includes identification and discussion of public engagement efforts and community participation in Plan development.
References:	
<input type="checkbox"/>	Plan includes identification of required decisions that must be made by local, state or federal regulatory agencies for Plan implementation and coordinated watershed-based or regional monitoring and visualization
References:	
<input type="checkbox"/>	Plan describes planning and coordination of existing local governmental agencies, including where necessary new or altered governance structures to support collaboration among two or more lead local agencies responsible for plan implementation.
References:	

SWRP REFERENCED DOCUMENTS

[1999 – Optimum Basin Management Program, Phase I](#)
[2000 – Peace Agreement](#)
[2000 – PEIR for OBMP Volume 1](#)
[2000 – PEIR for OBMP Volume 2](#)
[2001 – Recharge Master Plan, Phase II](#)
[2003 – Four Party Agreement](#)
[2004 – First Amendment to Peace Agreement](#)
[2004 – Regional Board Resolution R8-2004-0001](#)
[2005 – Recycled Water Groundwater Recharge Phase I Permit – R8](#)
[2007 – Peace II Agreement](#)
[2007 – Recycled Water Groundwater Recharge Phase II Permit – R8](#)
[2009 – Recycled Water Groundwater Recharge Permit Addendum -](#)
[2010 – RMPU](#)
[2010 – SEIR for Peace II](#)
[2013 – Chino Basin Groundwater Model Update and Recalculation the Peace Agreement](#)
[2013 – Amendment to the 2010 RMPU](#)
[2014 – SAWPA OWOW 2.0 Plan](#)

Requesting SAWPA

Review and adopt the Chino Basin Storm Water Management Plan as part of OWOW 2.0 with subsequent recommendation to the SAWPA Commission for approval

