



SAWPA IT INFRASTRUCTURE UPGRADE

PROJECT STATUS – DECEMBER 4TH 2018

RECEIVE AND FILE

Receive and file this project update on the IT Infrastructure server network upgrade.



PROJECT GOALS

- Minimize downtime
- Minimize Risk
- Little or no impact users
- Solid Contingency Plans
- Maximize correspondence/coordination between vendors and SAWPA



WHY

- Aging Server Hardware replaced
- Software and Operating Systems upgraded to latest version
- Increase in available storage from 6 terabytes to 28 Terabytes
- Supports all SAWPA projects, staff, external Agencies.



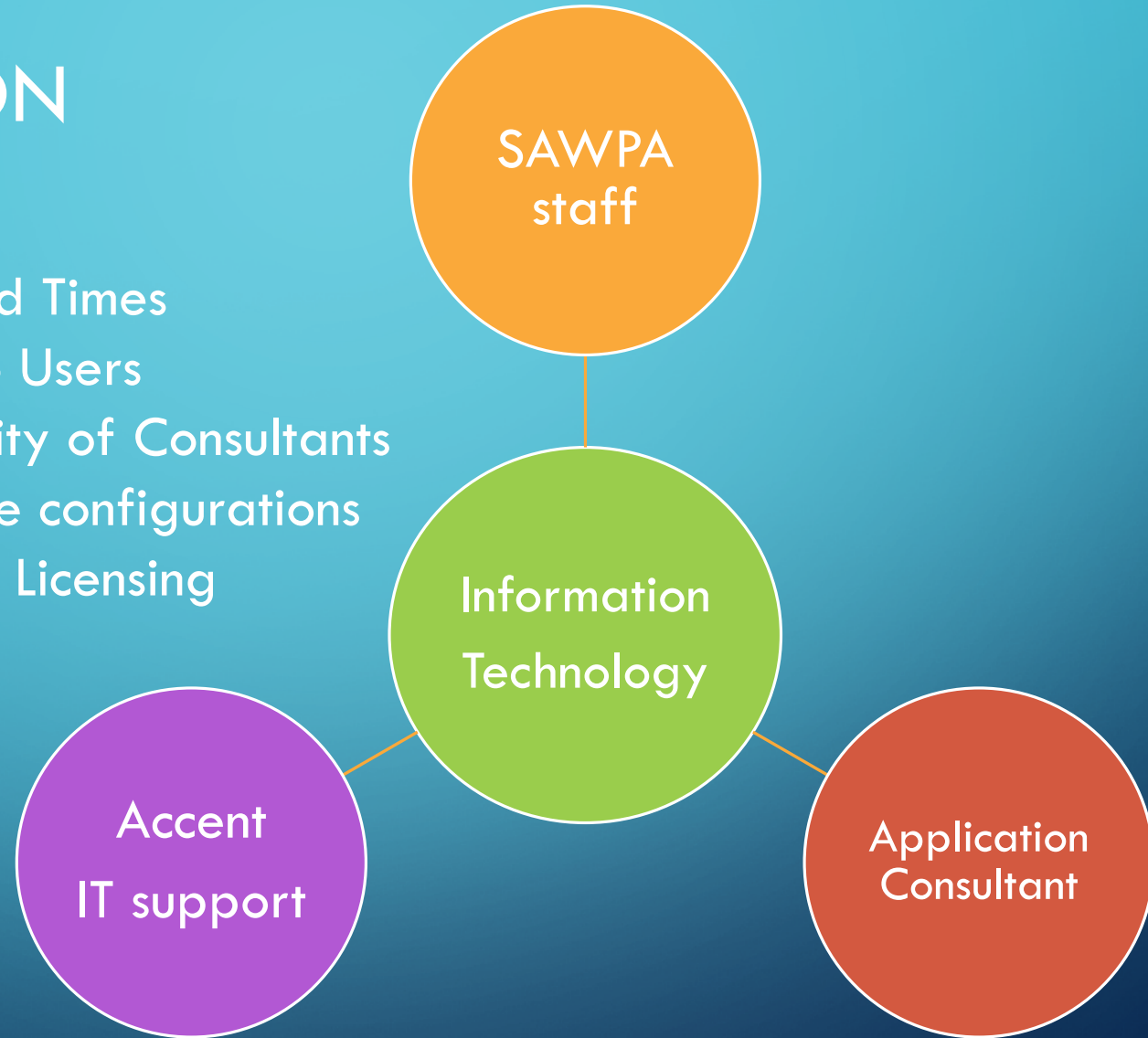
AVAILABLE SIDE BY SIDE



- Testing Against New Version
- Near Instant fall back
- Acquired Temp Licensing

COMMUNICATION PLAN

- Dates and Times
- Impact to Users
- Availability of Consultants
- Hardware configurations
- Software Licensing



APPLICATION MOVES – CURRENT STATUS

IPACS	<ul style="list-style-type: none">• Waste Water Permits• Outside Agency access	Date
SQL Server	<ul style="list-style-type: none">• OnBase database• GIS databases	Date
OnBase	<ul style="list-style-type: none">• Connections with Great Plains• Redistribute user application	Date
File Server	<ul style="list-style-type: none">• Common location• User directories	11/16
GIS Apps	<ul style="list-style-type: none">• OWOW Project Form• DigAlert	11/20
Great Plains	<ul style="list-style-type: none">• Upgrade of Operating System / Application• Connections to OnBase	12/17

Estimated Completion 1/15/2019



SERVER MOVE EXAMPLE – SQL SERVER

**OWOW
Project Form**

DigAlert

**Customer Parcel Water
Budget Tool**

**SQL Server
2008**

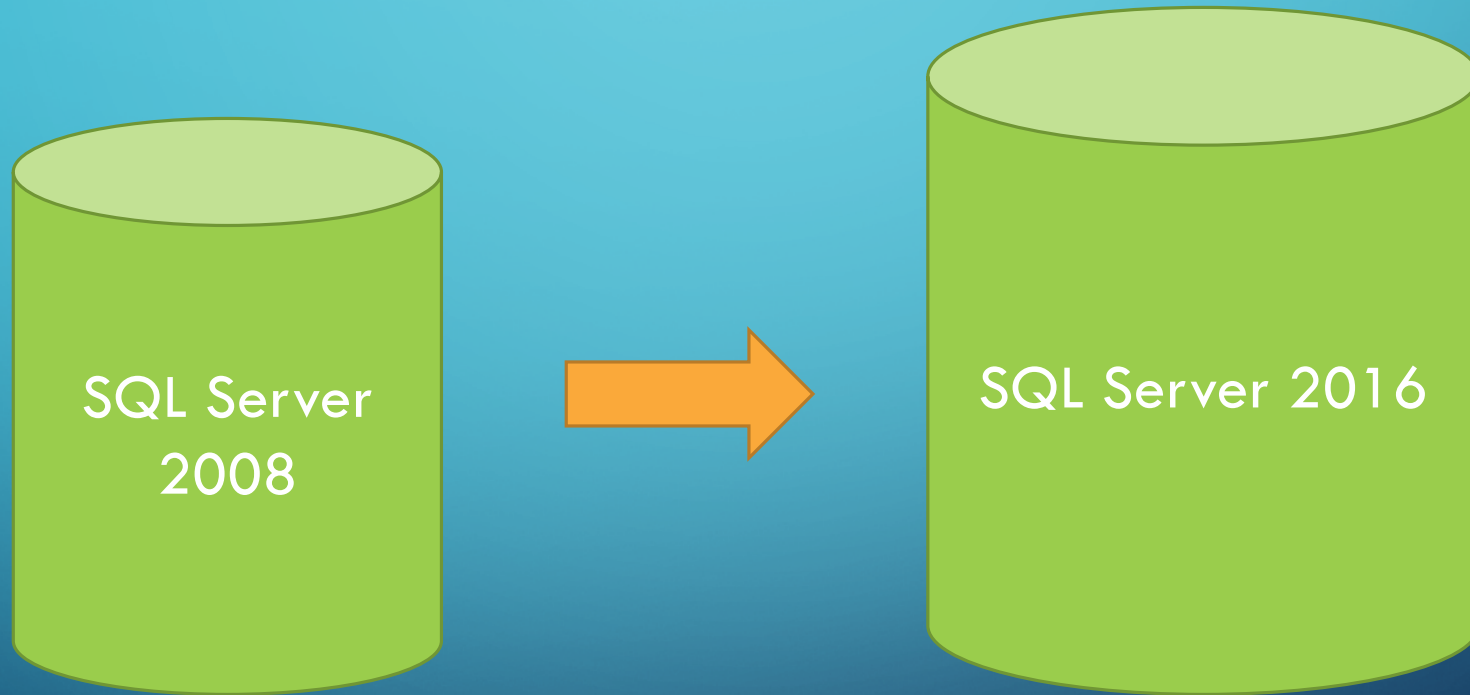
**OnBase Document
Management**

**Brineline
Tools**

**IPACS & Brineline
Billing App**



SQL SERVER MOVE



NEW SYSTEM BENEFITS



- Near instant fail over
- Expandable
 - Storage Space
 - New or Test Server
- 40% Reduction in power usage (reduces cooling needs)
- 60% Reduction in Rack Space (increases server life – cooling)
- Hardware Life 5 – 7 years

RECEIVE AND FILE

Receive and file this project update on the IT Infrastructure server network upgrade.



Reach 4B Upper Relocation

Item 5.B.

December 4, 2018

Reach 4B Upper Relocation

Recommendation to SAWPA Commission

- Receive and file

Inland Empire Brine Line Reach 4B Upper Relocation

- Brine Line MAS
- Brine Line





10/31/2018 10:44

Electrofusion couplings



11/06/2018 13:26

Exposing existing 20-inch Brine Line



Damaged EF coupling



Upstream side connection

Downstream side connection



Slurry backfill per Caltrans requirement



Cost summary

- Current cost: \$74,200.
 - Equipment rental: \$4,350
 - HDPE pipe, couplings, technician: \$15,750
 - SAWPA labor: \$47,200
 - Materials: \$6,100
 - Support (line draining): \$800
- Cost estimate: \$68,400.
- Additional costs due to Caltrans inspector requiring concrete slurry backfill.
- Agreement allows a 25% contingency

Reach 4B Upper Relocation

Recommendation to SAWPA Commission

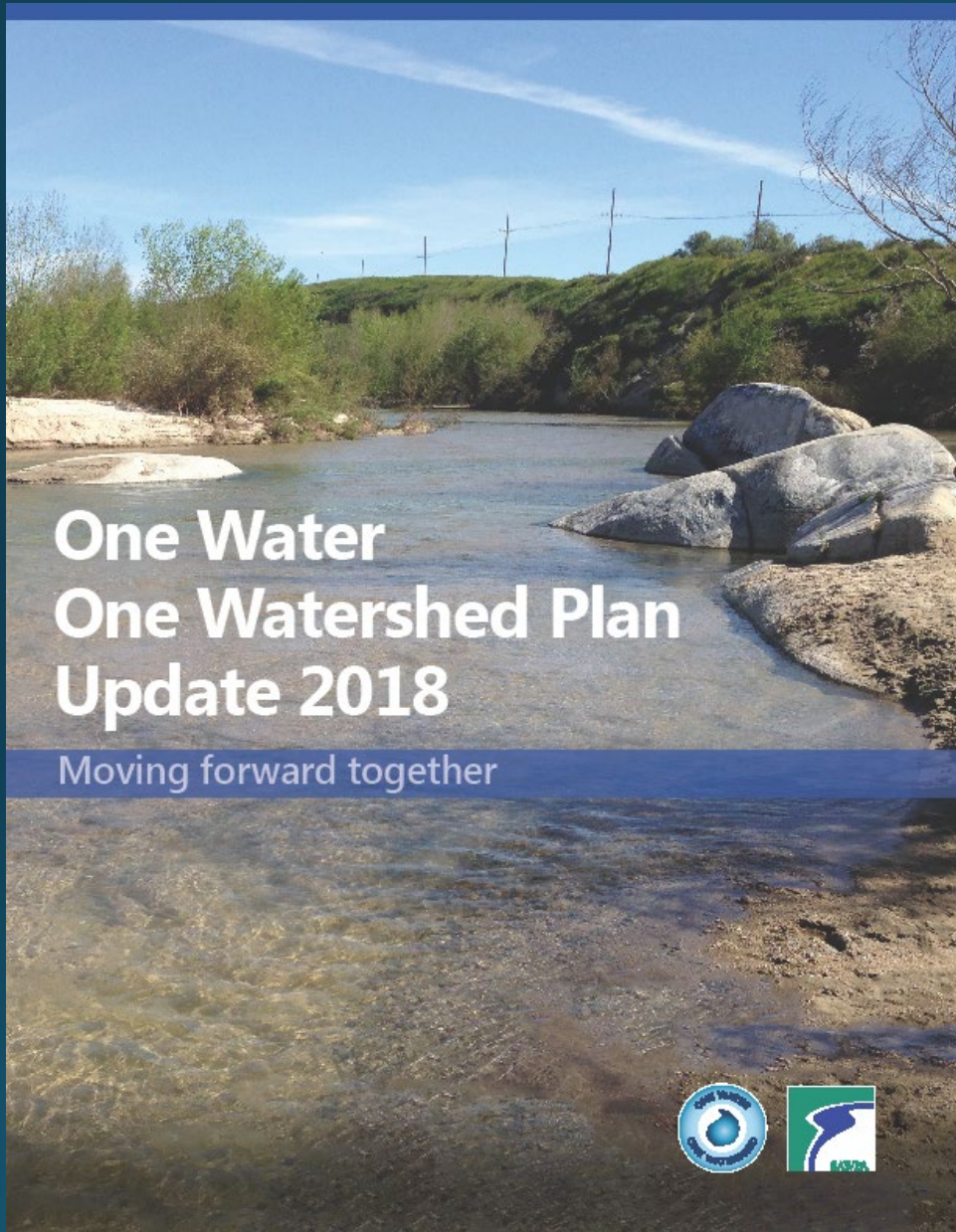
- Receive and file

Questions?



OWOW Plan Update 2018 & Prop 1 IRWM Implementation Grants

One Water One Watershed Program Update



One Water One Watershed Plan Update 2018

Moving forward together



Public Review
11/19 – 12/14, 2018

OWOW Plan Update 2018

- **28** month effort to update the OWOW 2.0 Plan
- Involving
 - Over **100** authors
 - Over **100** collaborative meetings
- Resulting
 - **Six** goals for achieving a sustainable watershed
- Over **100** recommended management and policy strategies
- ~**400** pages (including appendices)
- Including partnerships with
 - Many agencies, non-profits, students, community members
 - Department of Water Resources
 - U.S. Bureau of Reclamation

Executive Summary & Table of Contents

EXECUTIVE SUMMARY

This One Water One Watershed (OWOW) Plan Update 2018 is the Integrated Regional Water Management (IRWM) Plan for the Santa Ana River Watershed (watershed). The OWOW Plan Update 2018 was written by and for stakeholders throughout the watershed. This plan considers the challenges and opportunities facing the entire watershed area of the Santa Ana Funding Region within the California IRWM Program. By inviting together stakeholders from all subregions, political jurisdictions, water agencies, non-governmental organizations, businesses, and the public, this OWOW Plan Update 2018 addresses all types of water as a single resource, inextricably linked to people, the land, and nature.

The One Water One Watershed Plan Update 2018 describes how collaborative watershed planning, water and land management, and project implementation supports improved sustainability, resilience, and quality of life throughout the Santa Ana River Watershed through 2040.

This plan is built on the strong foundations laid by the OWOW Plan, adopted in 2010, and the OWOW 2.0 Plan, adopted in 2014. These two earlier efforts were lauded within the watershed, across California, and the country. The OWOW 2.0 Plan received awards from planners, engineers, and business leaders for its good governance and stakeholder-led process.

The OWOW Plan Update 2018 was begun in July 2016 with a meeting of the OWOW Steering Committee. At that meeting, the Committee approved efforts to secure a planning grant from the state in support of the update process and adopted a policy document that described how projects can be included in the OWOW Program and made eligible for the expected implementation grants.

In the 28 months that followed, the OWOW 2.0 Plan was reconsidered in light of the significant changes impacting the watershed since early 2014. In those years the fiscal recovery began to be felt in portions of the watershed, and the State of California went through one of its most severe droughts on record. The communities of the watershed made strides to support conservation as a way of life in California, implementing widespread landscape retrofits and other conservation programs. Other significant investments were made throughout the watershed by agencies, cities, counties, and community members alike to make the watershed more resilient in response to uncertainty and more sustainable over the long term.

The OWOW Plan Update 2018 is subtitled "Moving Forward Together" to mirror the earlier plans, which focused on movement toward goals. Working together has been fundamental to the OWOW Program (and SAWPA) since the program's inception, and the OWOW Plan Update 2018 is built by the stakeholders for the stakeholders. "Moving Forward Together" also reflects the OWOW Program's commitment to ensuring that no one is left behind as progress is made.

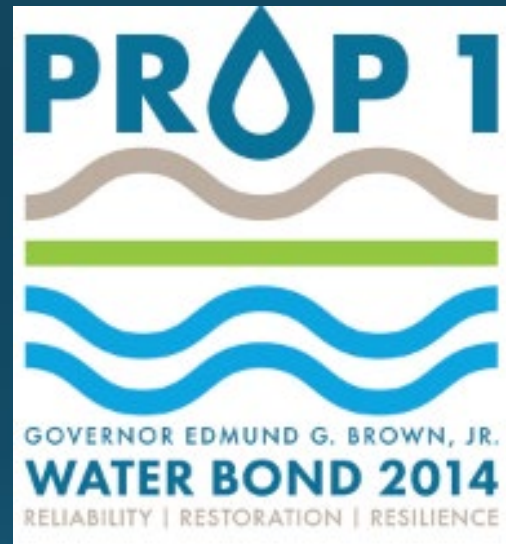
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Next steps

- Public Comment Period
 - November 19 – December 14
- Response to comments and edits
- Final Plan before OWOW Steering Committee January 24
 - With Steering Committee recommendation, approval by SAWPA Commission will follow in February.
 - Including public notice of the plan update, and a public hearing





Draft Project
Solicitation
Package (PSP)
released
October 5, 2018

Integrated Regional Water Management (IRWM) Implementation Grants

Timeline

- Public Comments due December 14, 2018
- Final PSP
- Identify location for pre-application workshop by Feb 1
- Pre-Application Workshop
 - DWR Comments 4 weeks after
- Grant Proposal
 - 8 weeks after DWR Comments

2018 Implementation Grant Proposal Solicitation Package

Integrated Regional Water Management
October 2018



CALIFORNIA NATURAL RESOURCES AGENCY
DEPARTMENT OF WATER RESOURCES
DIVISION OF
INTEGRATED REGIONAL WATER MANAGEMENT




Proposed Funding Allocation

Funding Area	Round 1 General	Round 1 DAC	Round 2 General	Round 2 DAC
Santa Ana	\$21,925,000	\$2,205,000	\$21,925,000	\$4,095,000
	50%	35%	50%	65%


- DWR asked the region to concur with this distribution, or to propose another.
- Comment letter from SAWPA will ask to make this decision after the call-for-projects & pre-application workshop
- Delay on bulk of disadvantaged community resources to help synchronize with the ongoing DCI Program

Call for Projects Seeking Grants

- SAWPA opened the call November 26, 2018.
- Online tool for data submission
 - Ensures lengthy Program and Project Information Forms developed by DWR will be completed by proponents.
- Works from the earlier database of projects in the OWOW Plan Update 2018.



SAWPA - OWOW Plan Update 2018 and Prop1 Project Submission Form



Start Login Organization General Location Partners Goals RMS Inclusion **Eligibility** Env WorkPlan Benefits Other Attachments Finish

Start ▶ Submitted Projects

Hello! Thank you for adding your project to the OWOW Plan Update 2018. Below are instructions, and the other tabs here will allow you to register/login, and then submit projects to be included in the plan. As you are working there are pop-ups and help links if you have questions. The instructions below though are the most comprehensive, and it may benefit you to download them for reference as you move through the submittal.

As the State releases implementation grants, those who wish for their project to compete for grant dollars will be asked to return and fill in additional details. Joining the [OWOW mailing list](#) is the best way to be notified when these opportunities are available

On behalf of the people of the Santa Ana River watershed and the gathered stakeholders of the One Water One Watershed Program, SAWPA appreciates your engagement.

▶ Instructions

Draft Project Solicitation Package Released by DWR

10/5/18



Call-for-projects seeking grants

11/26/18



Proponents complete submittal details

- QA/QC screening by SAWPA staff
- Eligibility criteria screening

Ends 1/10/19



Public review period of proposed projects and programs

Let's Connect!

Ends 2/25/19



Rating & Ranking criteria applied



Final Application package submitted

June, 2019



DWR Pre-Application Workshop

- SAWPA & Proponents present to DWR
- Receipt of comments from DWR

Late April



OWOW SC Approved Final list submitted for pre-application workshop with DWR

Late March



Public QA/QC meeting of top projects

Let's Connect!

Ends 3/15/19



Public Release of Draft Ranked Project List

2/28/19

Sequence of grant-seeking

Recommendations

Receive and file this presentation about the status of the OWOW Program, inclusive of the OWOW Plan Update 2018 and the Proposition 1 IRWM Implementation Grants.

