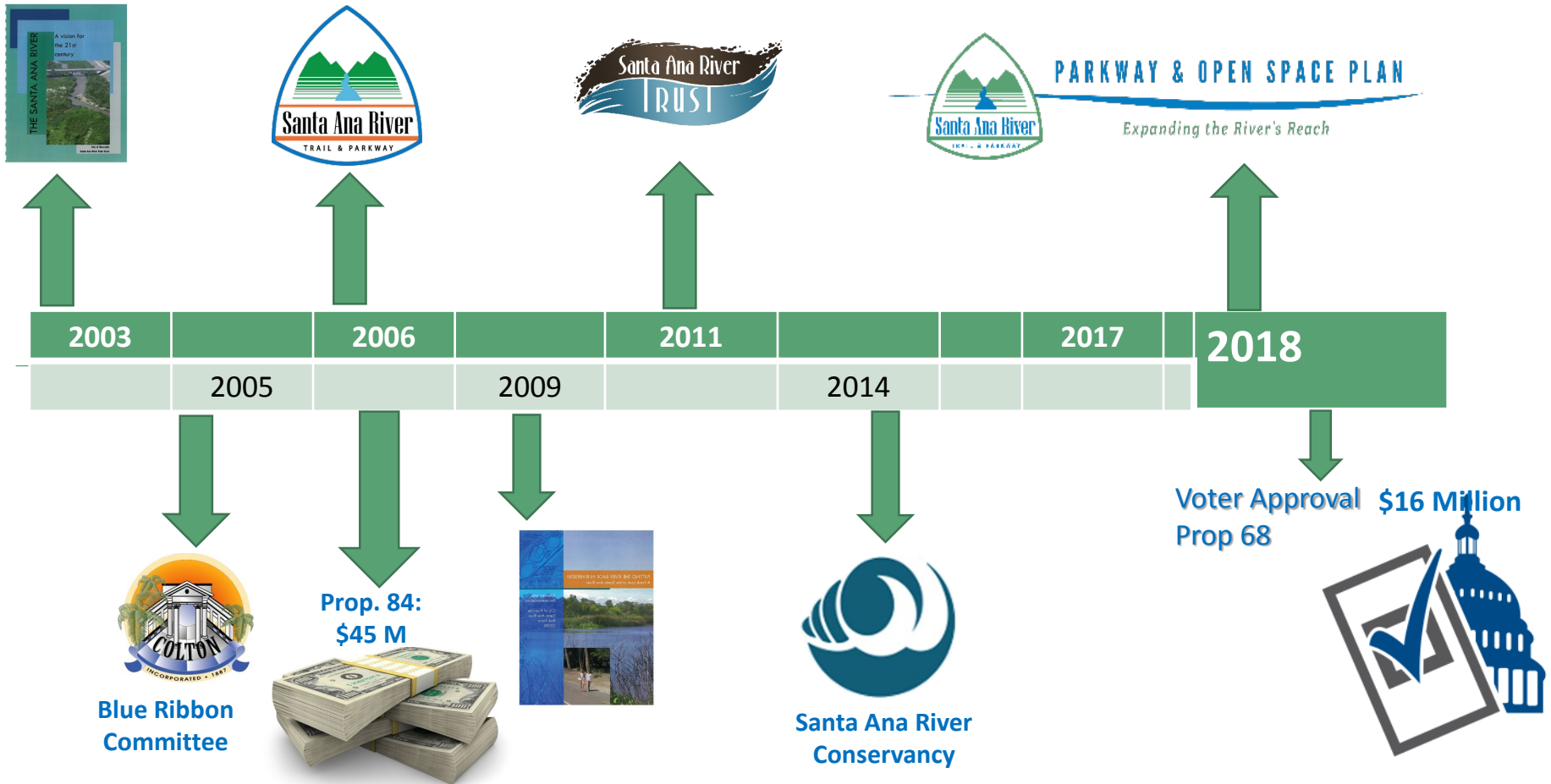




Santa Ana River

TRAIL & PARKWAY

Recent History of Santa Ana River Trail & Parkway Progress



Story of a Successful Strategy

- **Powerful regional partnership.** Political support cooperation across counties and cities (our electeds work well together).
- **Unified.** Power and influence at state and federal level.
- **Funding.** Stable, diversified funding sources.
- **Public-Private partnership.** Locally led, locally controlled.
- **State agency.** Ability to channel funding and coordinate work.
- **Non-profit organization.** Raise funds and support, organize activities.

The Santa Ana River Trail and Parkway Partnership

Established by a Memorandum of Understanding

Policy Advisory Group (Elected Officials)

Technical Advisory Group (Managers)



Non-Profit Partners



INLAND EMPIRE WATERKEEPER.

Advocacy • Education • Research • Restoration • Enforcement



RIVERS & LANDS
CONSERVANCY



Corporate Partners



Bank of America





**Santa Ana River
Conservancy**

Santa Ana River Conservancy Program Priorities

- Santa Ana River Trail and Parkway
- Trail connections, trail heads and amenities
- Open space
- Wildlife habitat and species restoration, enhancement, and protection
- Wetland restoration and protection
- Agricultural land restoration and protection
- Protection and maintenance of water quality
- Related educational uses
- Natural floodwater conveyance
- Public access to program lands for recreation and education purposes in a manner consistent with the protection of land and the natural and economic resources in the area.

HOW TO ACCOMPLISH ALL THAT?

- Establish SARCON Policy Advisory Group: PAG 2015
- Develop the Santa Ana River Parkway & Open Space Plan
- Establish Technical Advisory Group: TAC 2016
- Public Outreach
- Plan Adoption and Implementation 2018 -2019



PARKWAY & OPEN SPACE PLAN

Expanding the River's Reach

Purpose of the Plan

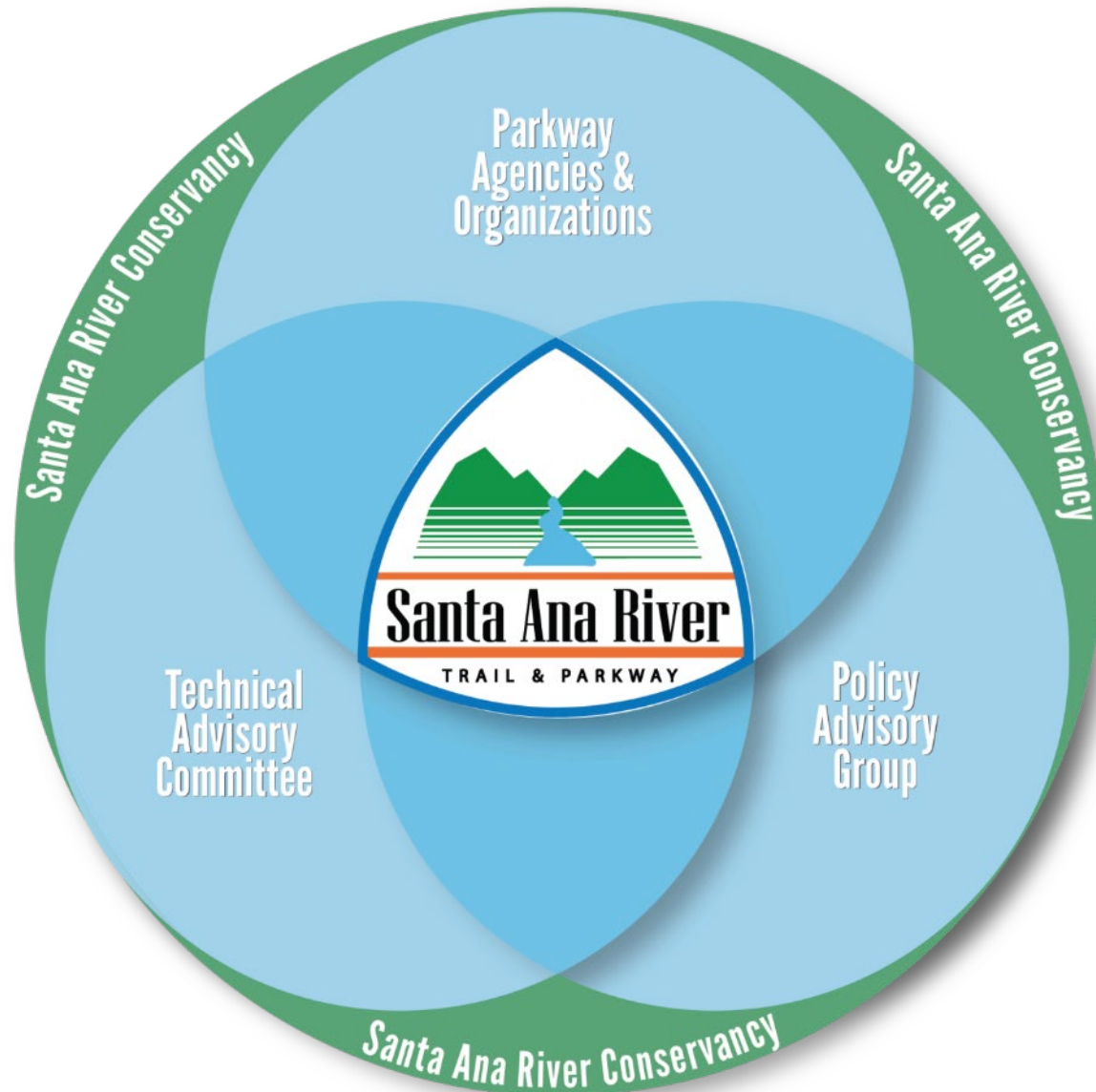
1. Define a shared vision for the Santa Ana River Parkway as a state, regional, and local asset
2. Generate the first comprehensive list of completed, planned and potential parkway projects
3. Provide tools for prioritizing, developing, and implementing projects through proactive collaboration



Planning Process

- Assemble plan development team: consultants, Policy Advisory Group, Technical Advisory Committee & staff
- Kick-off watershed tour
- Convene TAC to develop vision and goals
- Analyze current conditions: water, habitat, education
- Collect potential projects: planned and imagined from agencies, NGOs and existing plans
- Prioritized projects based on geospatial location suitability, proximity to river, project status
- Develop planning and design guidelines

Coordination and Collaboration





PARKWAY & OPEN SPACE PLAN

Expanding the River's Reach



The Santa Ana River Parkway is envisioned as a regionally celebrated resource that provides recreation, education, and health benefits for residents and visitors, and habitat for a unique diversity of plants and animals.



What is **your vision** for the Santa Ana River Parkway?

TO SHARE YOUR PRIORITIES AND IDEAS:

Complete a short online activity at:

<http://www.placeworkscivic.com/project/santaanariver>

Attend the Santa Ana River Trail Bike Ride & Festival!

at Ryan Bonaminio Park on June 11, 2017 at 9 am
5000 Tequesquite Ave, Riverside, CA

Attend a public workshop!

in San Bernadino or Orange County

Workshops are anticipated for Summer 2017

WEBSITE

<http://scc.ca.gov/projects/santa-ana-river-conservancy/>

Public Participation



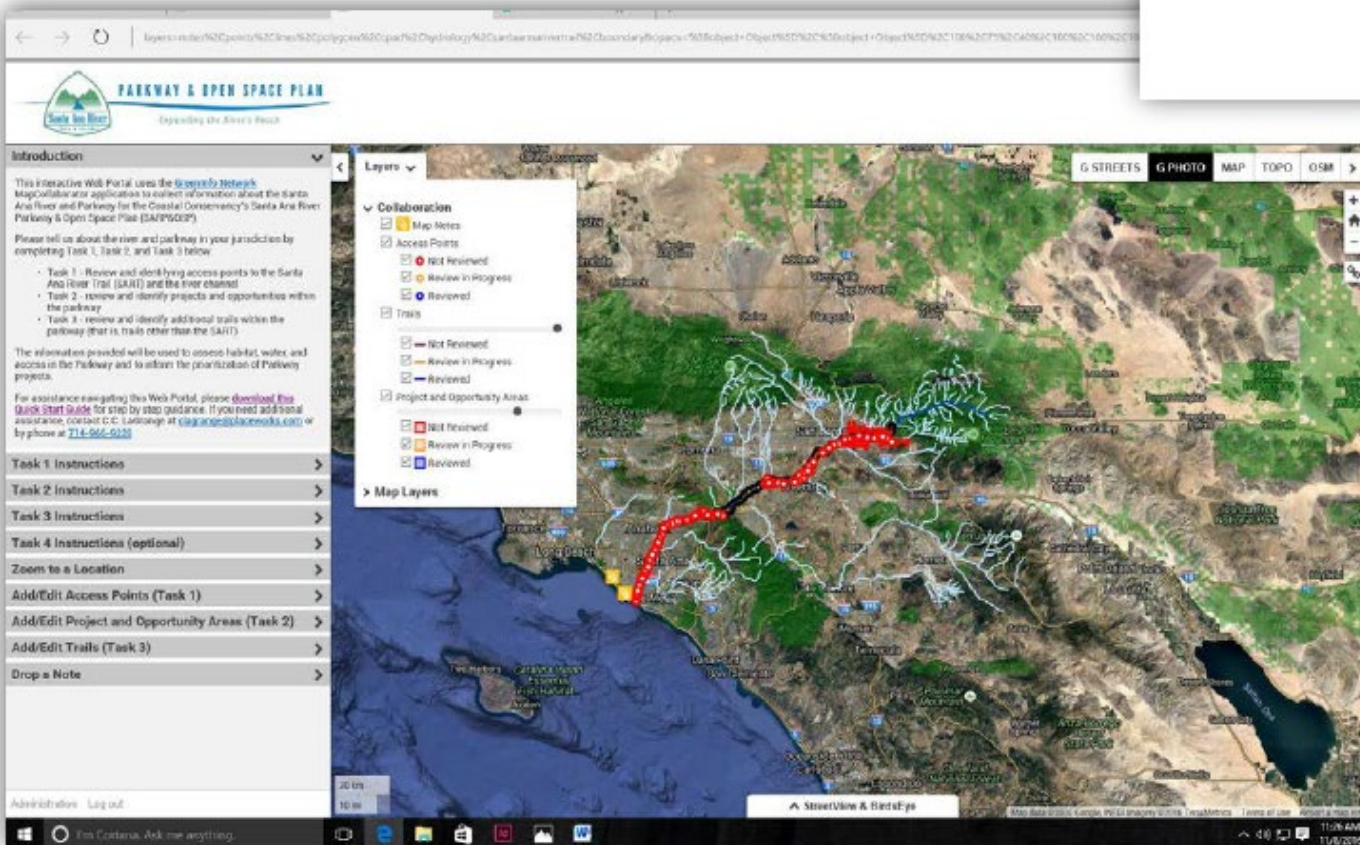
Santa Ana River Trail Bike Ride & Festival

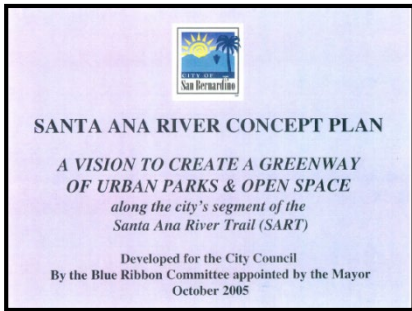
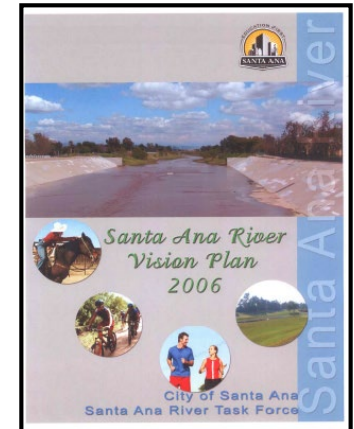
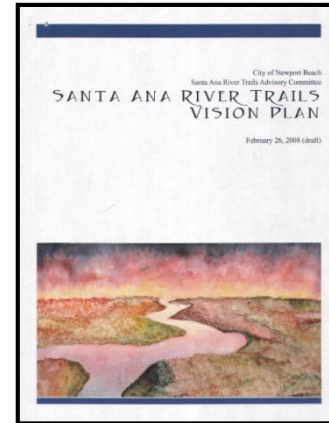
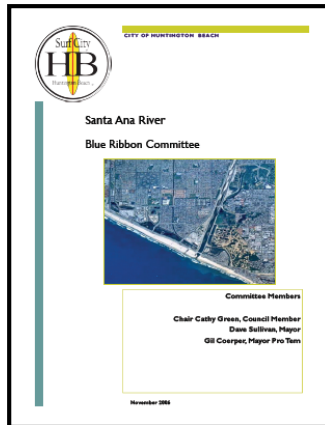
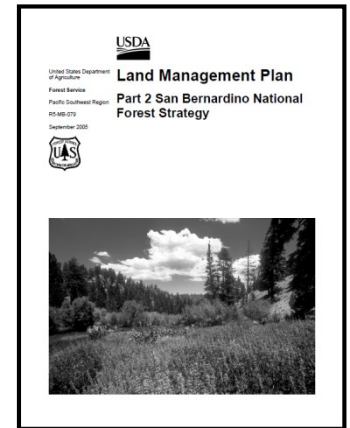
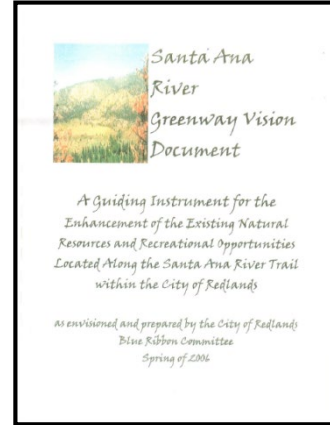
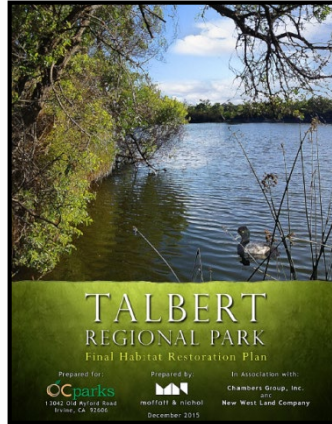
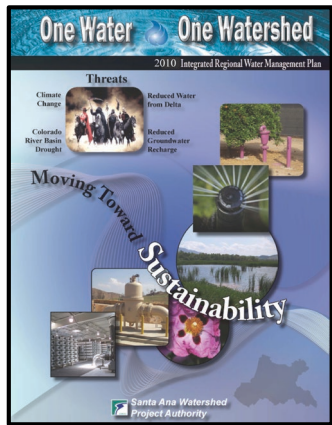
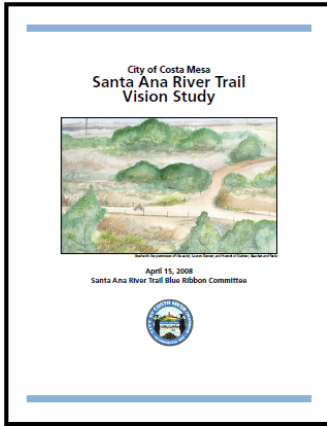
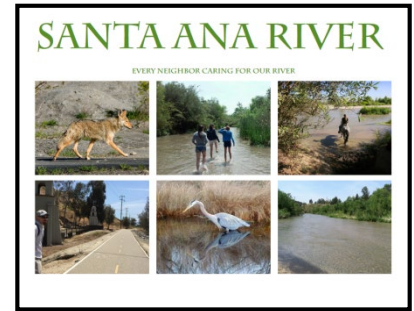
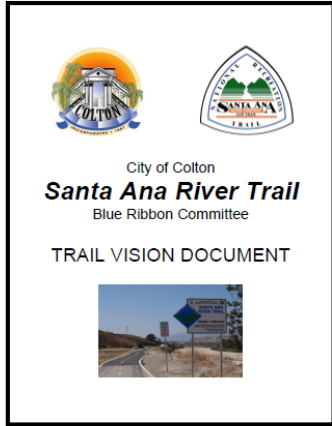
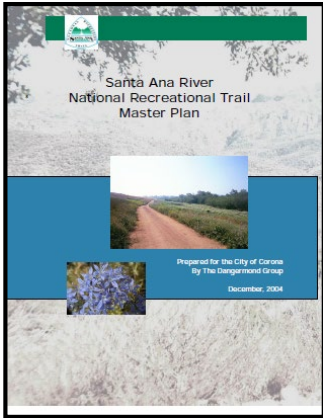


Log-in and Homepage

<http://www.mapcollaborator.org/sart/>

Login – your email address
Password – SARP&OSP16







PARKWAY & OPEN SPACE PLAN

Expanding the River's Reach

**Public Review Draft
January 16, 2017**





PARKWAY & OPEN SPACE PLAN

Expanding the River's Reach

Understanding the Parkway

Chapter 1: Introduction

Chapter 2: Vision, Guiding Principles, and Goals

Chapter 3: Parkway Context and Existing Conditions

Parkway Projects

Chapter 4: Completing the SART

Chapter 5: Prioritization of Parkway Projects

Chapter 6: Planned and Potential Projects Beyond the SART

Guidelines and Implementation

Chapter 7: Planning Guidelines

Chapter 8: Design Principles and Guidelines

Chapter 9: Implementation

Guiding Principles



Water

Water is an essential and limited resource that should be carefully managed to maximize its benefit to people, plants, and animals while providing protection from flood flows.



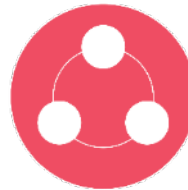
Habitat and Wildlife

*Wetland, riparian, and adjacent upland **habitats** along the river corridor provide multiple environmental and community benefits; these ecosystem functions **should be respected, cared for, and conserved***



Education, Recreation, & Access

*The river corridor is a resource that should **provide equitable recreational, educational, and health benefits** to all residents and visitors along its length and inspire sustained stewardship of the resource.*



Implementation

***Cooperation and collaboration** among agencies, organizations, and members of the public is critical to developing the river corridor in a way **that maximizes benefits to the natural and human environments** and integrates effectively with other planning efforts.*

PROJECTS!

155 potential projects identified

\$500,000 plus

Opportunities for collaboration and cost sharing



First Priority: Completing the Santa Ana River Trail



Initial Steps - Concurrent

1. Santa Ana River Program Development

1. Recognize SARP&OSP in Policy Documents
2. Establish Voluntary Parkway Designation Program
3. Build Recognition for the Santa Ana River Parkway

2. Project Development and Implementation

1. Complete the SART
2. Pursue High Priority Projects
3. Continue to Update and Expand the Parkway Projects Prioritization Matrix



THE SANTA ANA RIVER CONSERVANCY

and

**THE SANTA ANA RIVER PARKWAY
PARTNERSHIP**

**RECOMMEND AND REQUEST INCLUSION
OF THE SANTA ANA RIVER PARKWAY AND
OPEN SPACE PLAN IN THE OWOW ONE
WATER ONE WATERSHED PLAN**

THANK YOU

QUESTIONS?

SAN BERNARDINO COUNTY

Santa Ana River Watershed Stormwater Resource Plan

**SAWPA OWOW Steering Committee
January 24, 2019**



Overview

- What is a SWRP?
- What are the goals?
- What is in the SBC SARW SWRP?
- What is next?

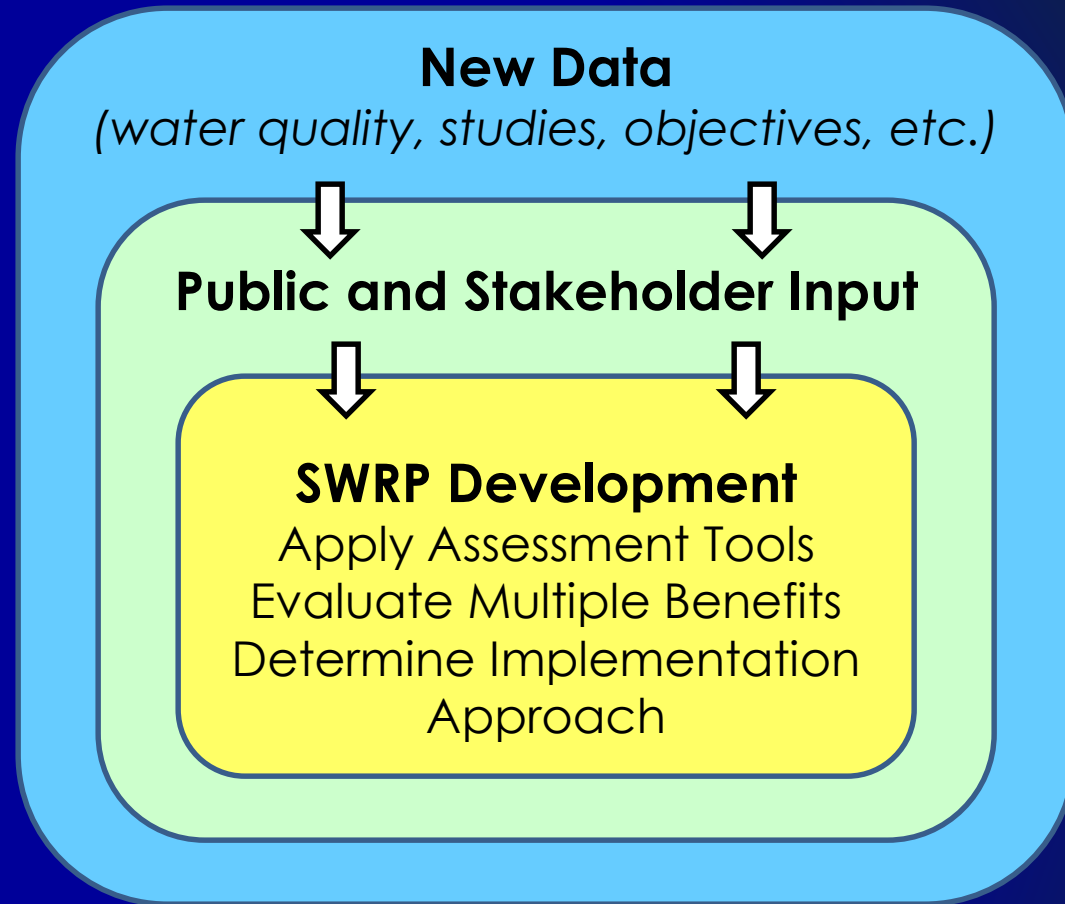
What is a **SWRP?**

**Evaluates existing
water resources**

**Identifies projects,
programs, and
activities**

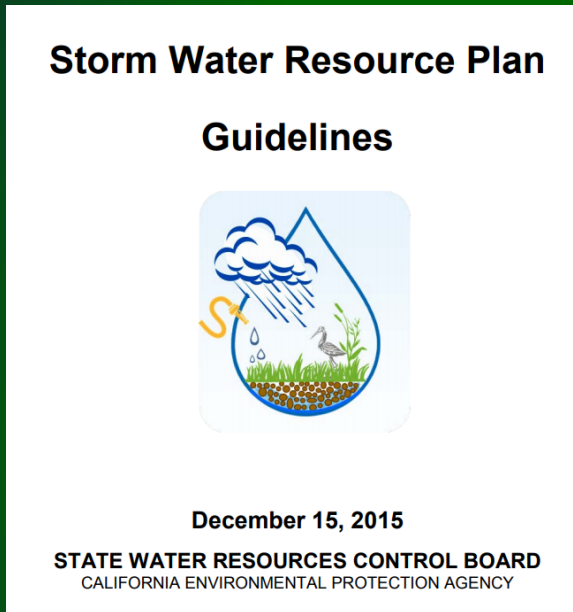
**Enhances the
beneficial uses of
stormwater and dry-
weather runoff**

Adaptive Management



- ✓ **Watershed based**
- ✓ **Public/Stakeholder Driven**
- ✓ **Adaptively Managed**

What is Required?



- Consistency with existing plans and permits
- Description of watershed
- Coordination with agencies and organizations
- Identification of projects
- Metrics-based analysis of project benefits
- Prioritization of multi-benefit projects
- Implementation strategy
- Education, outreach, and public participation



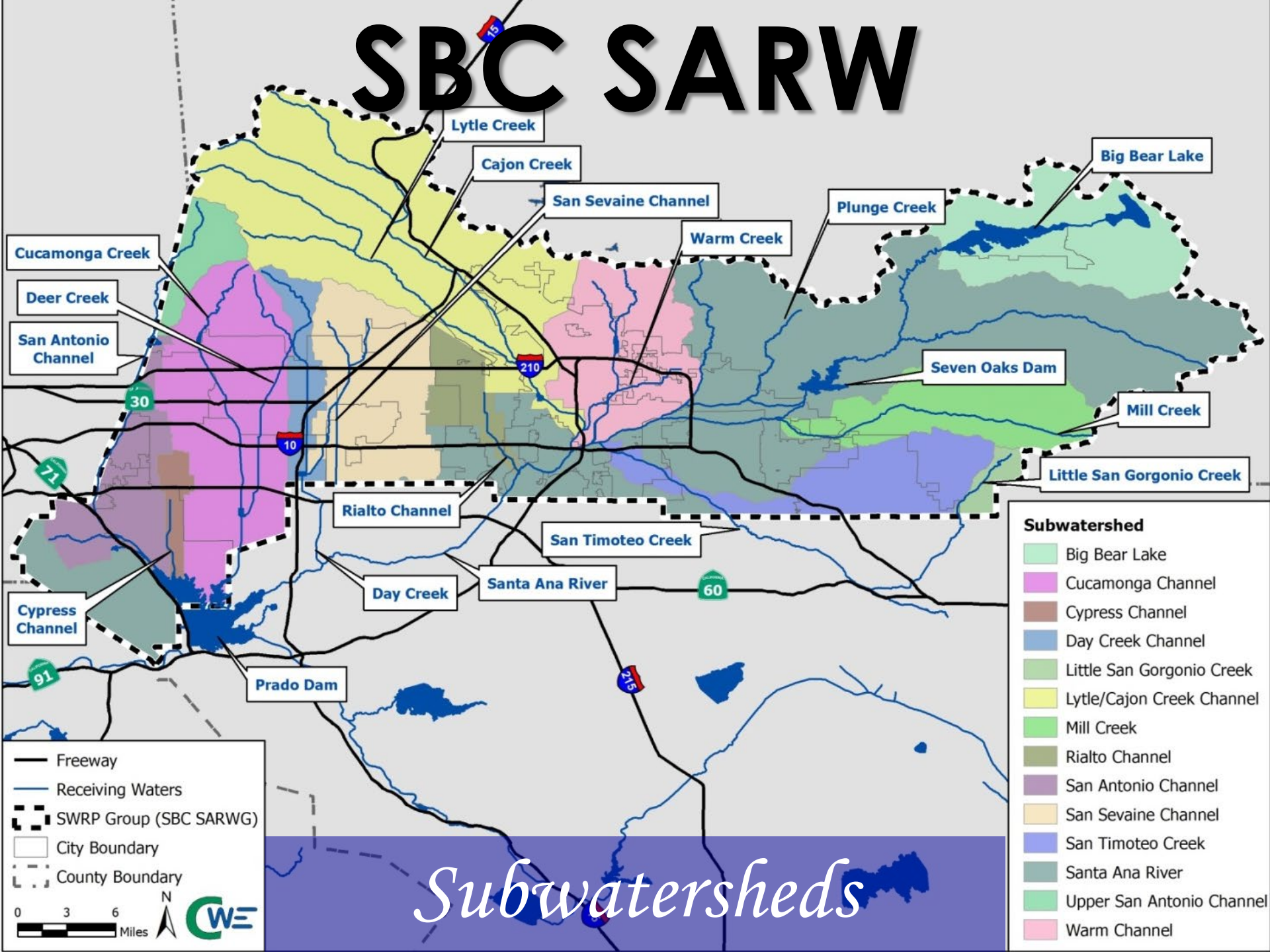
What is Required?

California Water Code, § 10562

(b) A stormwater resource plan shall:

... (7) Upon development, be submitted to any applicable integrated regional water management group. Upon receipt, the integrated regional water management group **shall incorporate the stormwater resource plan into its integrated regional water management plan.**

SBC SARW



Lytle Creek
 Cajon Creek
 San Sevaine Channel
 Warm Creek
 Plunge Creek
 Big Bear Lake
 Cucamonga Creek
 Deer Creek
 San Antonio Channel
 Seven Oaks Dam
 Mill Creek
 Little San Gorgonio Creek
 Rialto Channel
 San Timoteo Creek
 Santa Ana River
 Day Creek
 Prado Dam
 Cypress Channel

- Subwatershed**
- Big Bear Lake
 - Cucamonga Channel
 - Cypress Channel
 - Day Creek Channel
 - Little San Gorgonio Creek
 - Lytle/Cajon Creek Channel
 - Mill Creek
 - Rialto Channel
 - San Antonio Channel
 - San Sevaine Channel
 - San Timoteo Creek
 - Santa Ana River
 - Upper San Antonio Channel
 - Warm Channel

Freeway
 Receiving Waters
 SWRP Group (SBC SARWG)
 City Boundary
 County Boundary

0 3 6 Miles N

Subwatersheds

What Types of Projects?



What are the Goals?

Enhance
Water Quality

Maximize
Water Supply

Improve Flood
Management

Protect the
Environment

Provide
Community
Benefits

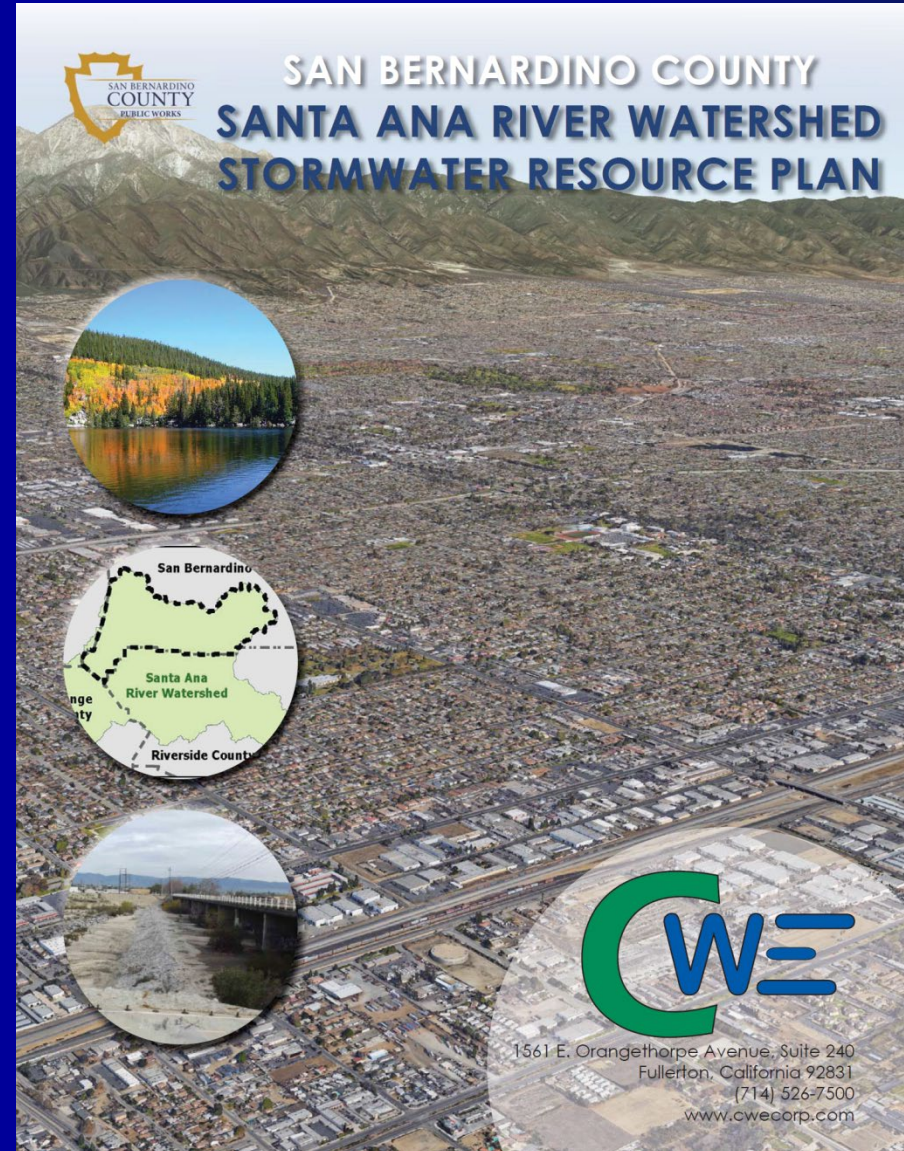
19 objectives associated with these goals

Compatibility with OWOW Goals

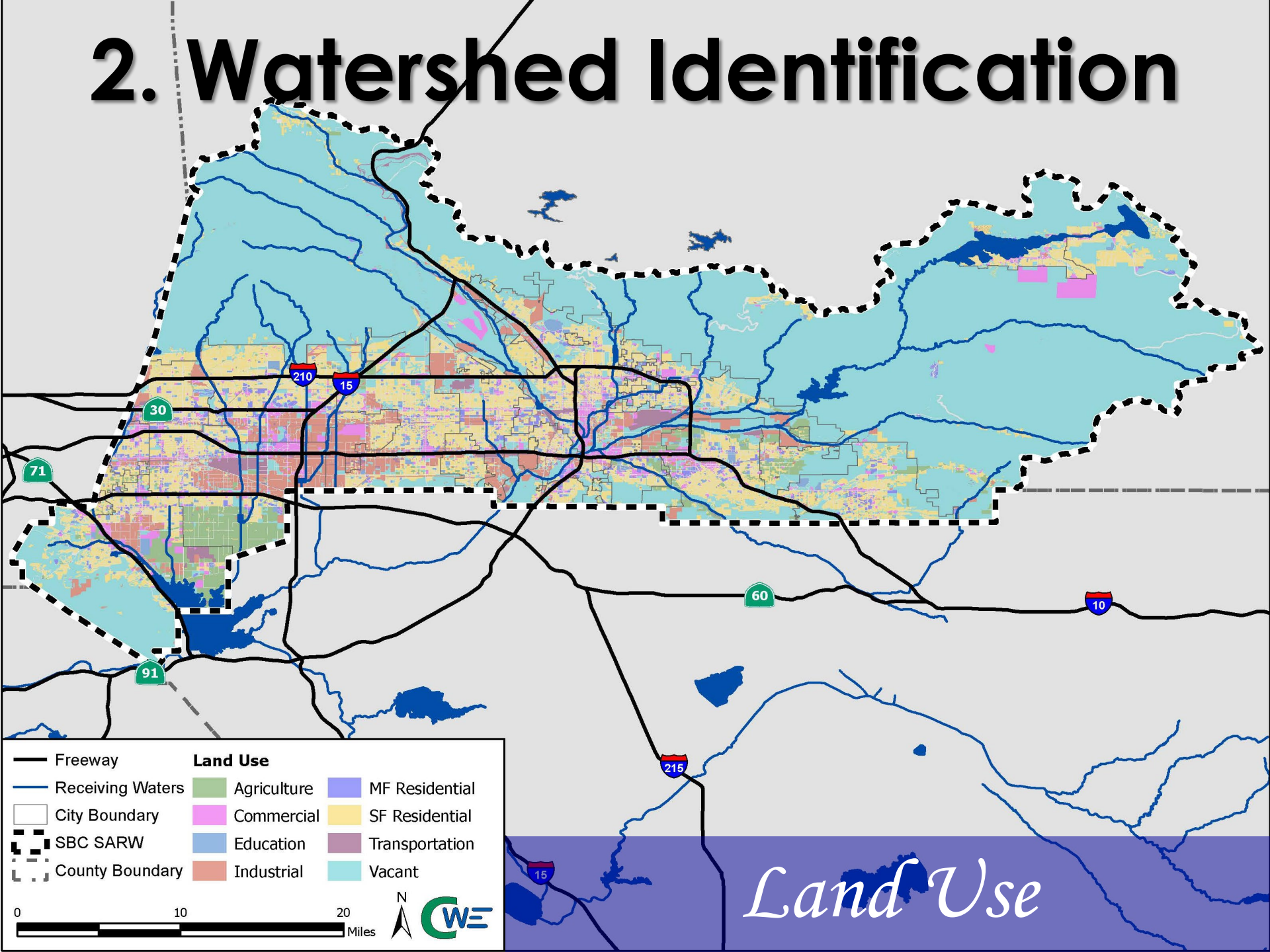
| OWOW Plan Update 2018 Goals | SBC SARW SWRP Objectives |
|--|---|
| Achieve resilient water resources through innovation and optimization | <ul style="list-style-type: none">➤ Stormwater Recharge➤ Recycled Water Recharge |
| Ensure high quality water for all people and the environment | <ul style="list-style-type: none">➤ Pollutant Load Reduction➤ Stormwater Runoff Reduction |
| Preserve and enhance recreational areas, open space, habitat, and natural hydrologic function | <ul style="list-style-type: none">➤ Wetlands Enhancement/Creation➤ Riparian Area Enhancement➤ Streambed Restoration➤ Increased Urban Green Space➤ Recreational Path Creation➤ Public Use Area Creation |
| Engage with members of disadvantaged communities and associated supporting organizations to diminish environmental injustices and their impacts on the watershed | <ul style="list-style-type: none">➤ Provide Employment Opportunities➤ Increase Public Education➤ Increase Community Involvement |
| Educate and build trust between people and organizations | <ul style="list-style-type: none">➤ Increase Public Education➤ Increase Community Involvement |

What is in the SBC SARW SWRP?

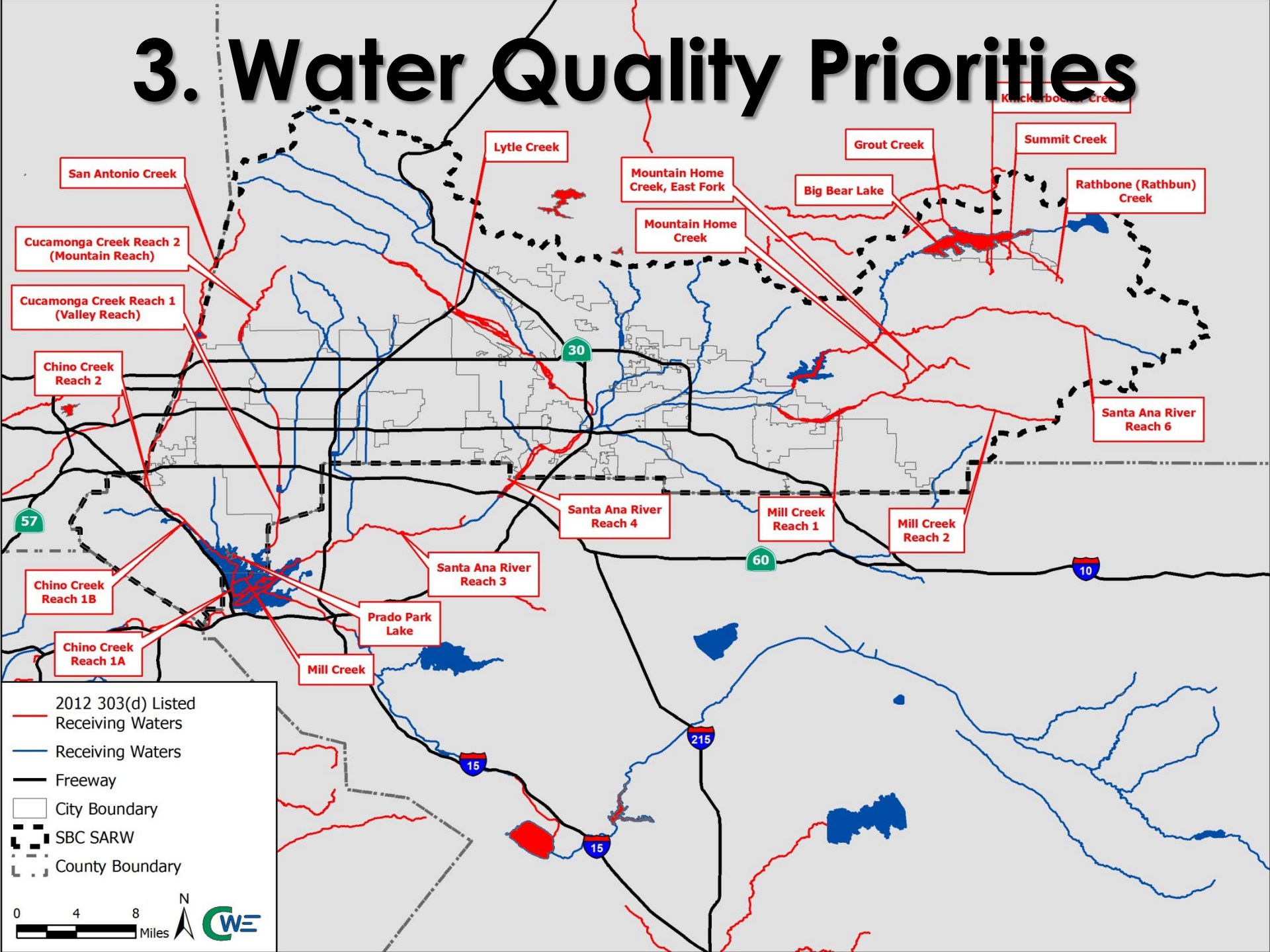
1. Introduction
2. Watershed Identification
3. Water Quality Priorities
4. Organizations, Coordination, and Collaboration
5. Quantitative Methods
6. Project Identification and Prioritization
7. Implementation Strategy and Schedule
8. Education, Outreach, and Public Participation



2. Watershed Identification



3. Water Quality Priorities



- 2012 303(d) Listed Receiving Waters
- Receiving Waters
- Freeway
- City Boundary
- SBC SARW
- County Boundary

4. Organizations, Coordination, Collaboration

- SAWPA OWOW
- Other regional plans
- TAC
- Public engagement
- Stakeholder engagement

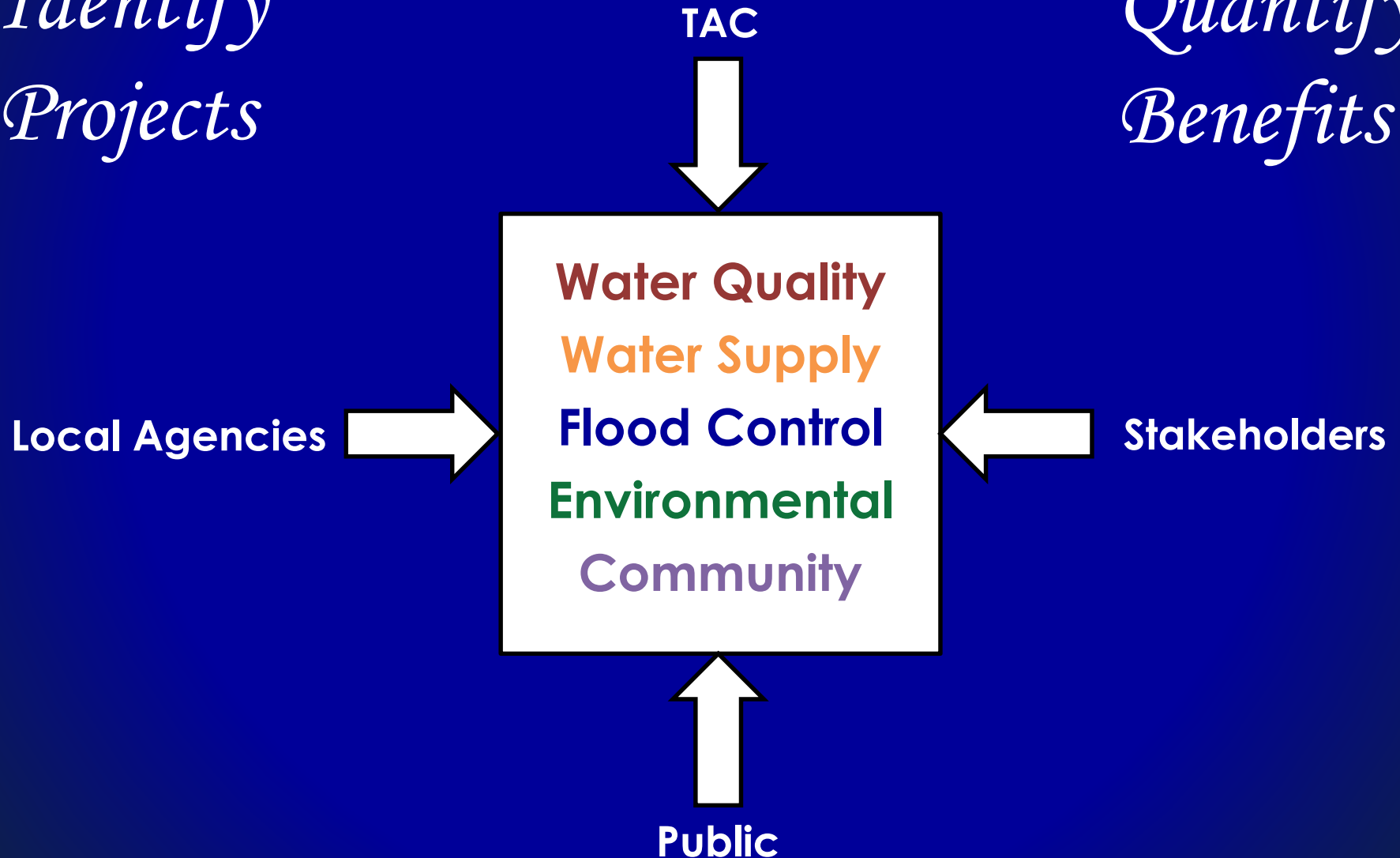
| ORGANIZATION, COORDINATION, COLLABORATION (GUIDELINES SECTION VI.B) | | |
|---|--|-------------|
| Y | 13. Local agencies and nongovernmental organizations were consulted in Plan development. | 10565(a) |
| <u>References:</u> Local IRWMP: SBC SARW SWRP Section 4.1, page 71 Contribution from Local, State, and Federal Agencies: SBC SARW SWRP Section 4.3, page 72 Technical Advisory Committee: SBC SARW SWRP Section 4.4, page 72 and Tables 4-1 and 4-2, page 73 Stakeholder Outreach: SBC SARW SWRP Section 8.2, page 120 Stakeholder and Public Outreach, Education, and Engagement Plan: SBC SARW SWRP Attachment E | | |
| Y | 14. Community participation was provided for in Plan development. | 10562(b)(4) |
| <u>References:</u> Technical Advisory Committee: SBC SARW SWRP Section 4.4, page 72 and Tables 4-1 and 4-2, page 73 Public Engagement: SBC SARW SWRP Section 4.5, page 74 Stakeholder Engagement: SBC SARW SWRP Section 4.6, page 74 Public Outreach: SBC SARW SWRP Section 8.3, page 122 Stakeholder and Public Outreach, Education, and Engagement Plan: SBC SARW SWRP Attachment E | | |
| Y | 15. Plan includes description of the existing integrated regional water management group(s) implementing an integrated regional water management plan. | |
| <u>References:</u> Local IRWMP: SBC SARW SWRP Section 4.1, page 71 SWRP Consistency with other Plans and Programs: SBC SARW SWRP Section 4.2, page 71 | | |



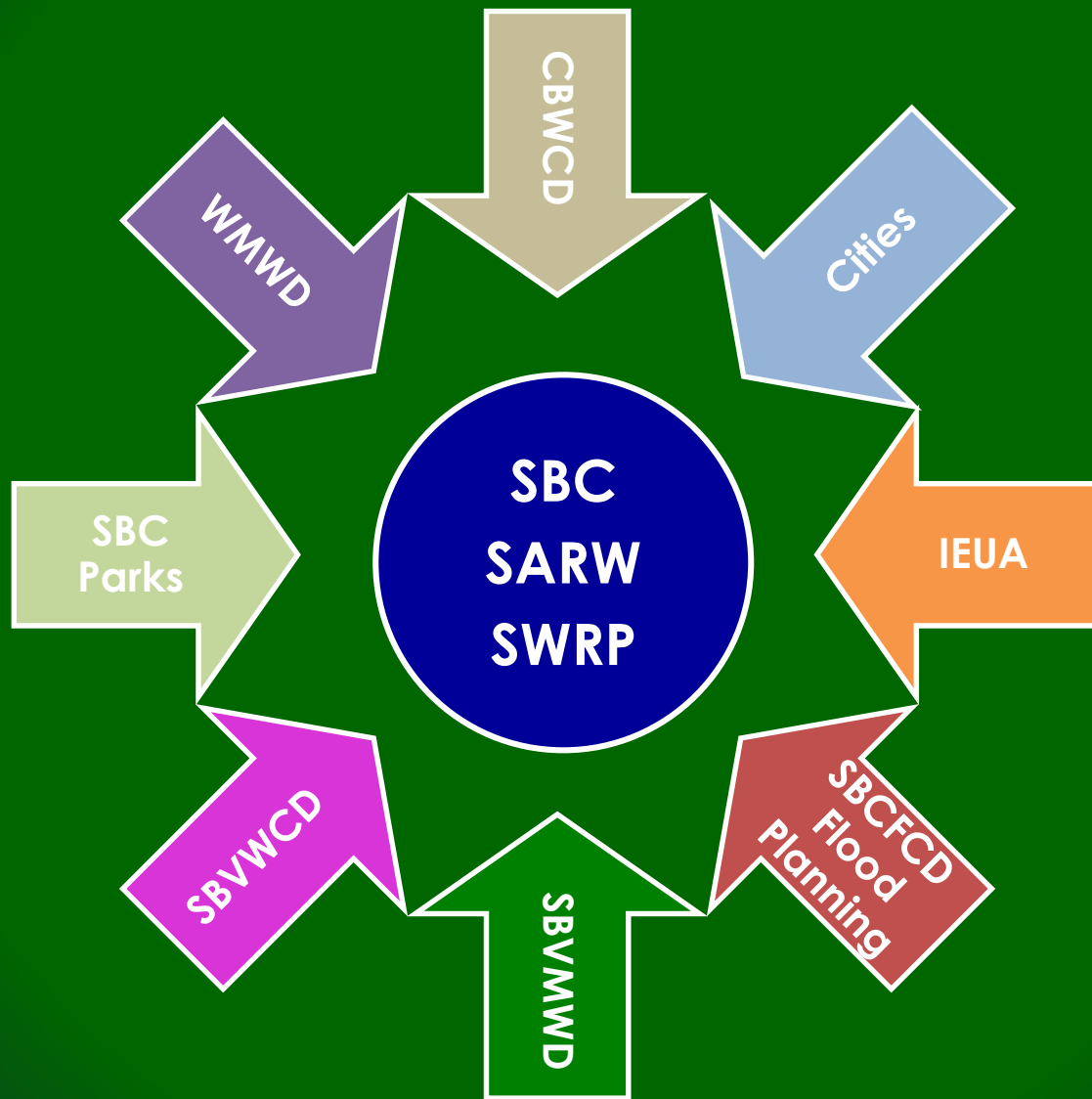
5. Quantitative Methods

*Identify
Projects*

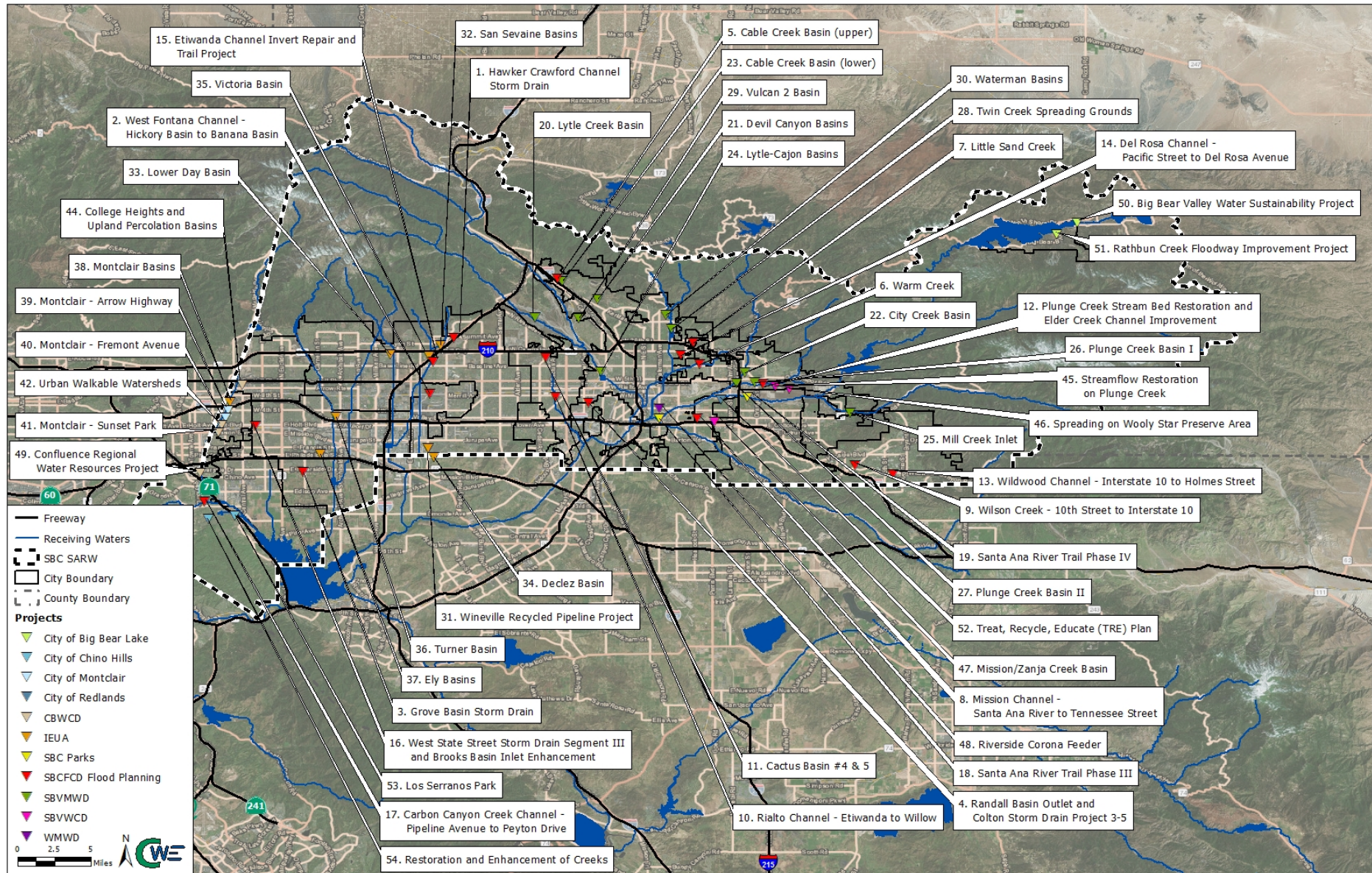
*Quantify
Benefits*



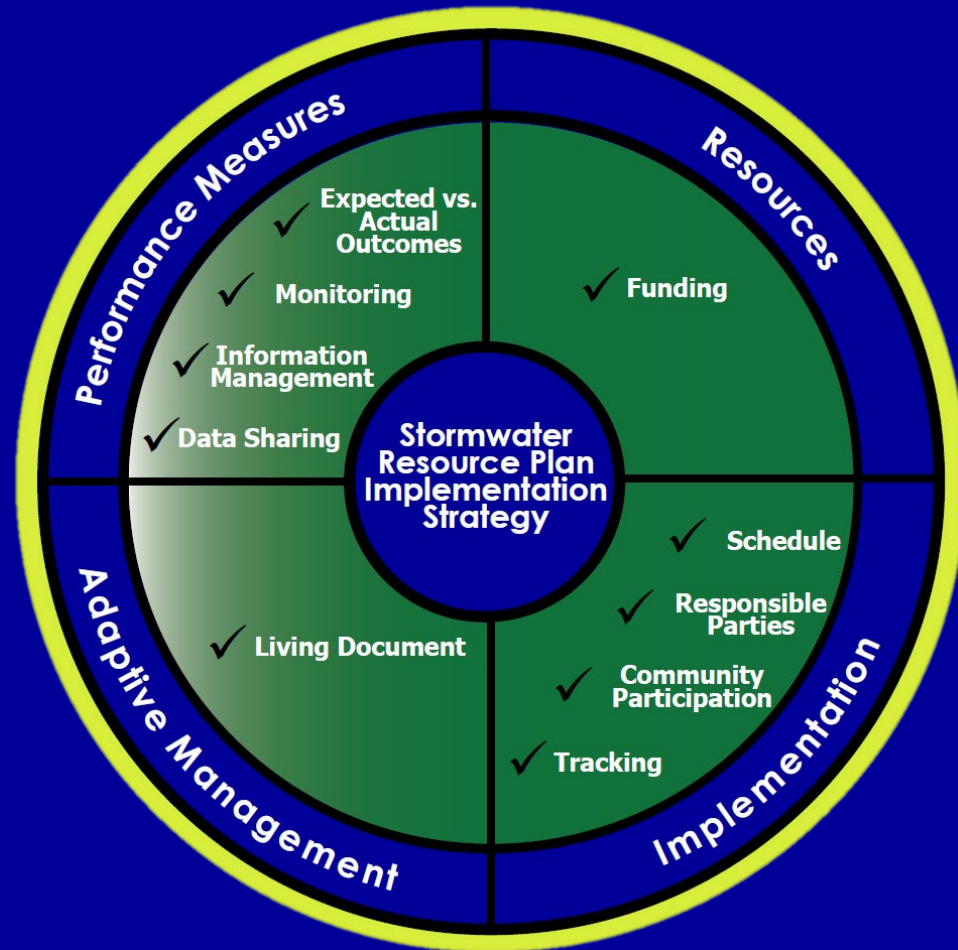
6. Project Identification & Prioritization



6. Project Identification & Prioritization



7. Implementation Strategy & Schedule



Implementation Approach

8. Education, Outreach, & Public Participation



¡Esta invitado!

El Distrito de Control de Inundaciones del Condado de San Bernardino esta liderando el desarrollo de un **Plan de Recursos de Aguas Pluviales (SWRP)** para la porción del Condado de San Bernardino localizado en la Cuenca del Río Santa Ana. Necesitamos su ayuda para planear el futuro de nuestros **valiosos recursos hídricos**.

¡Sea parte de este proceso facinante!

¡Acompañe el Distrito en nuestro evento para el publico!

Aprende sobre:

- Nuestros recursos hídricos
- El Plan de Recursos de Aguas Pluviales (SWRP)
- Proyectos de beneficios múltiples
- Como puede participar

Ofrece su opinión sobre el borrador del SWRP

Vengan a compartir sus ideas.

Junta de información para el publico

24 de julio de 2018, 5:00 - 7:00 pm
Department of Public Works Hearing Room
825 E. Third Street, San Bernardino

Refrescos serán proporcionados

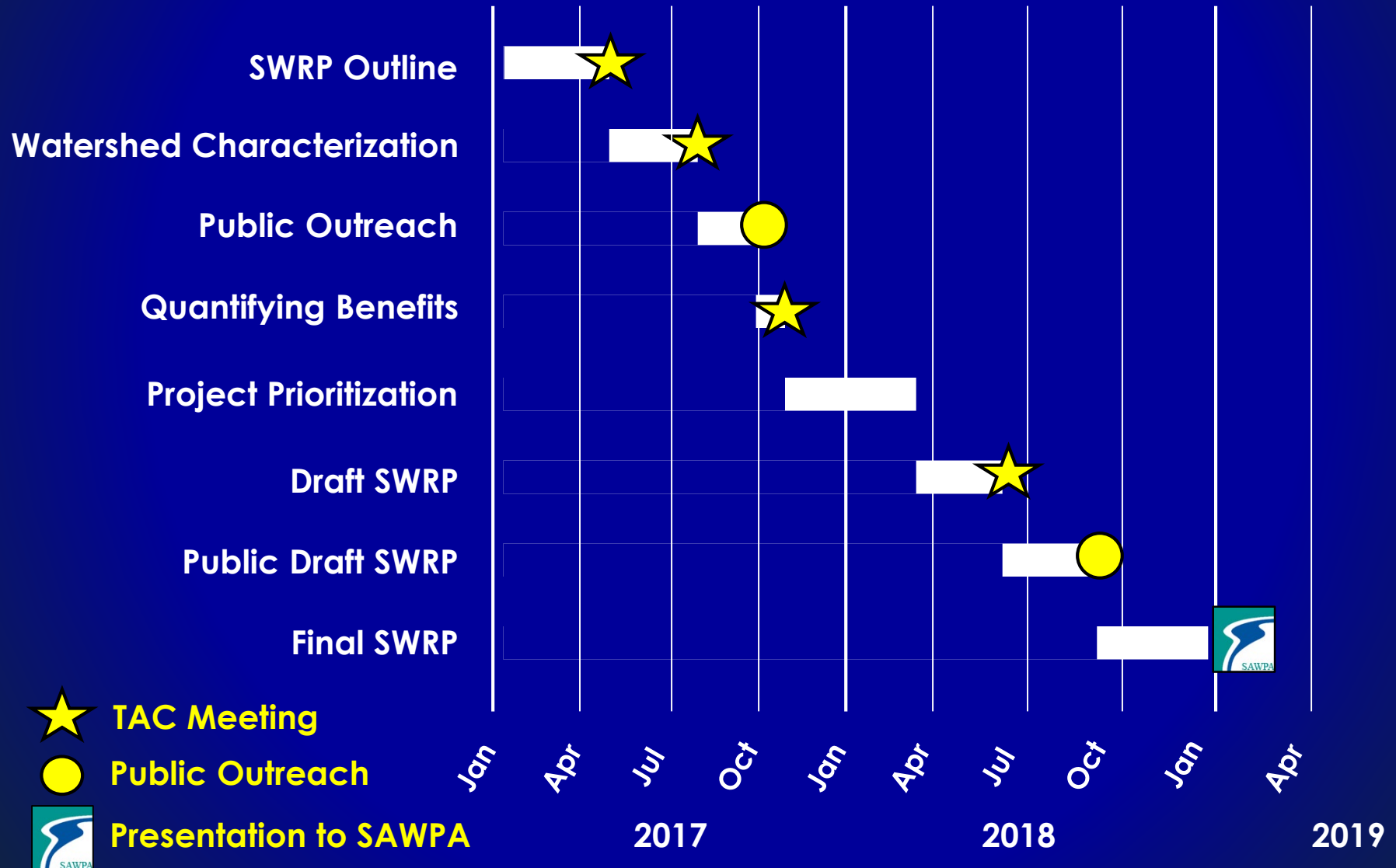
Para más información y para ofrecer su comentario, envíe un correo electrónico a swrp@cwecorp.com



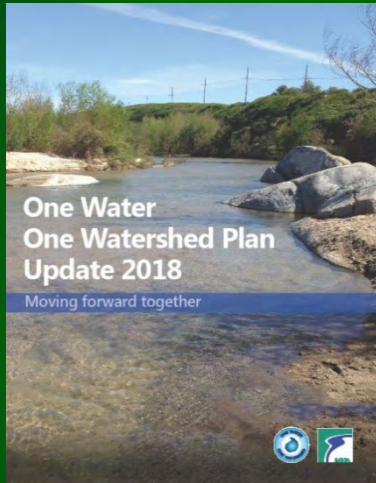
Revise el borrador del SWRP que se encuentra en <http://bit.do/SWRP> y proporcione su comentario por el 7 de agosto de 2018.

¡Esperamos verlos en la junta!

How Did We Get Here?



What is Next?



**Official
Approval:
February 2019**



**Implementation
Grants:
Summer 2019**



**Implementation
Grants:
Fall 2019**

Contact

Information

SWRP@cwecorp.com

Arlene Chun

Arlene.chun@dpw.sbcounty.gov

(909) 387-8109

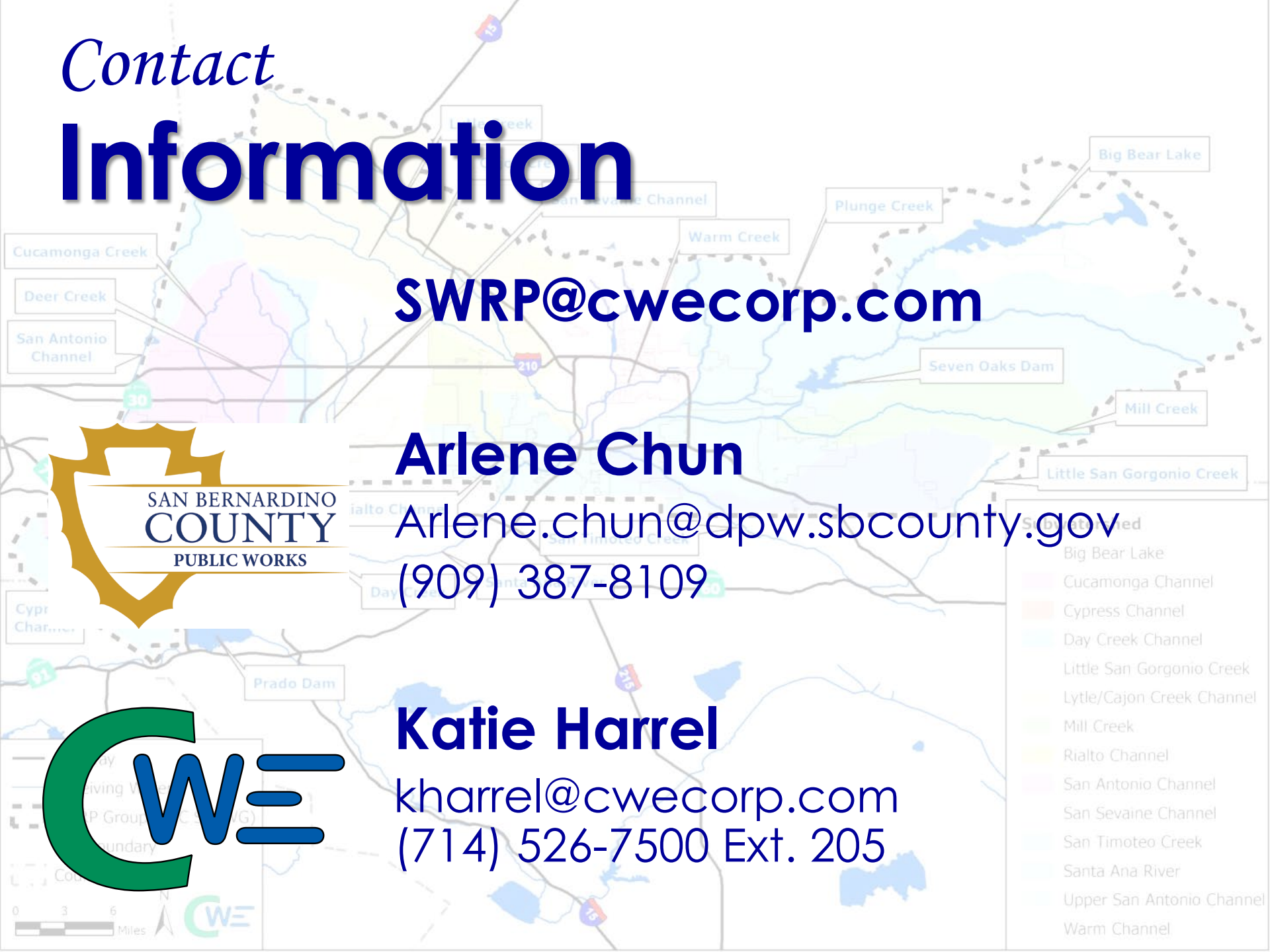
Katie Harrel

kharrel@cwecorp.com

(714) 526-7500 Ext. 205



- Big Bear Lake
- Cucamonga Channel
- Cypress Channel
- Day Creek Channel
- Little San Gorgonio Creek
- Lytle/Cajon Creek Channel
- Mill Creek
- Rialto Channel
- San Antonio Channel
- San Sevaime Channel
- San Timoteo Creek
- Santa Ana River
- Upper San Antonio Channel
- Warm Channel





Sustainability Assessment for the Santa Ana River Watershed

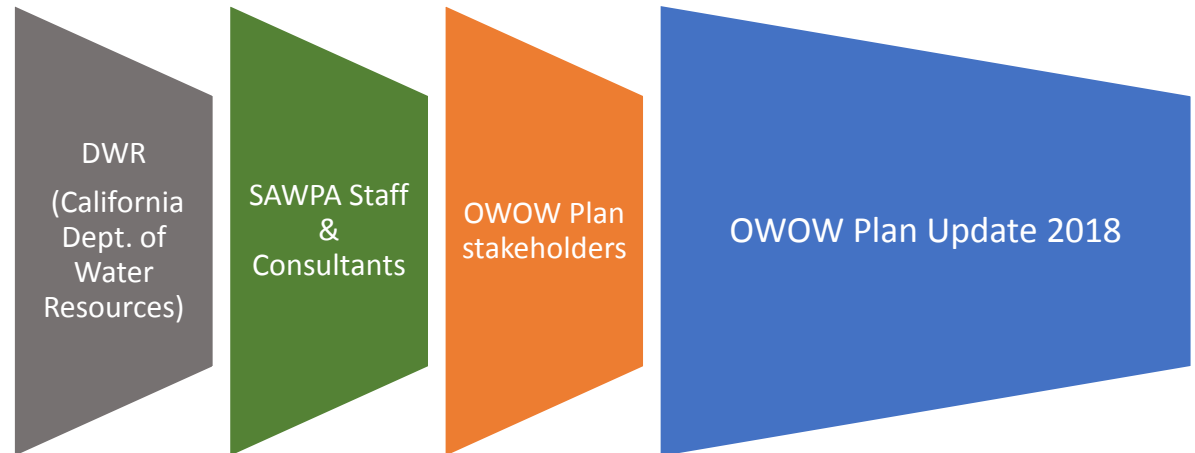
OWOW Plan Update 2018

Betty Andrews, PE, Environmental Science Associates (ESA)

Steering Committee Meeting
January 24, 2019

Presentation

1. Background
2. Framework
3. Assessment Process
4. Assessment Results



Why a sustainability assessment?

Monitoring to accomplish the following:

- Inform the prioritization of, and investment in, actions
- Demonstrate progress
- Enlist support
- Educate



Sustainability Assessment Framework

Framework

Indicators

Assessment

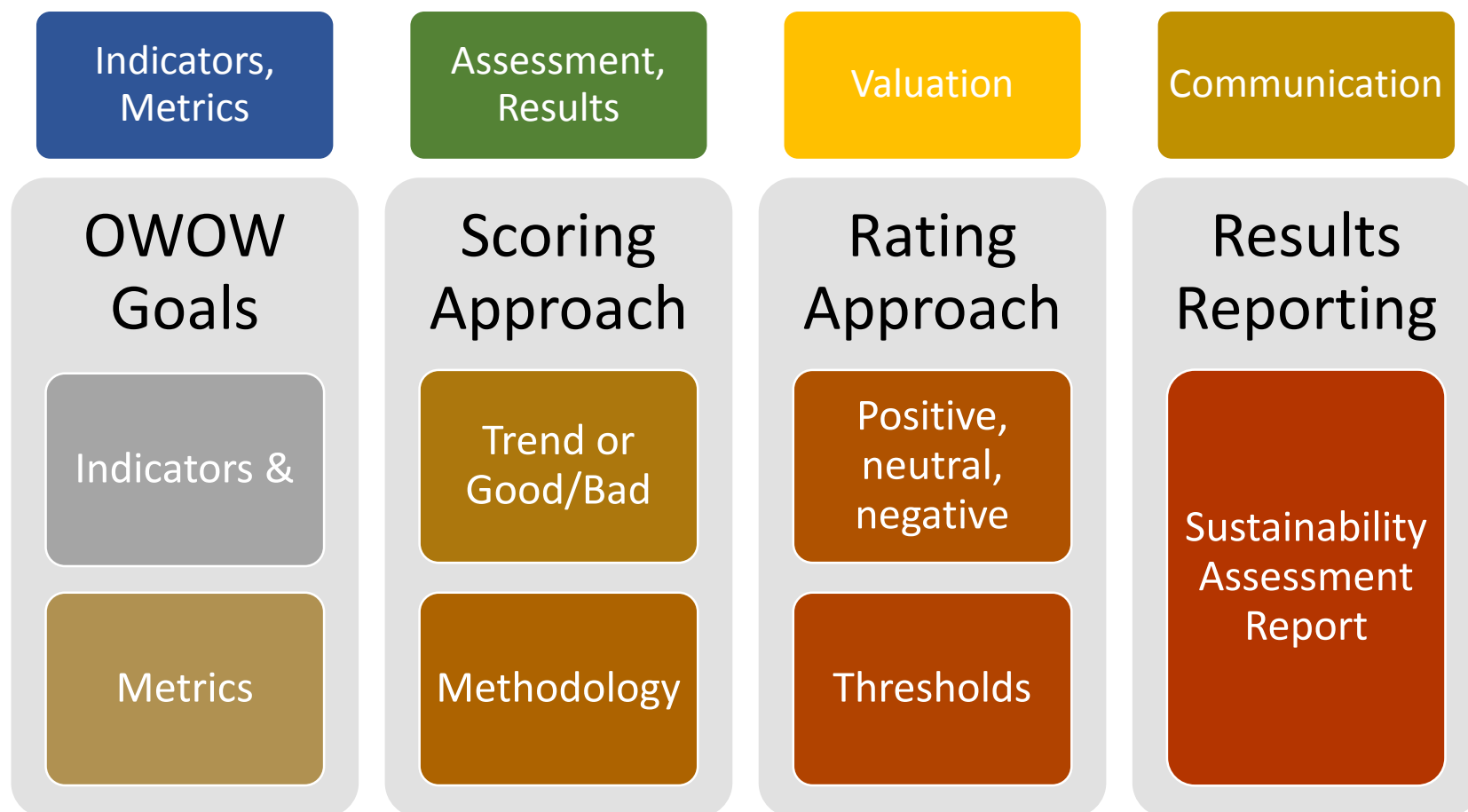
Valuation

Metrics

Results

Communication

Sustainability Assessment Framework



Indicators for the Goals

Achieve resilient water resources through innovation and optimization.

- *Maximization of locally-managed supplies*
- *Efficiency of outdoor water use*

Ensure high quality water for all people and the environment.

- *Maintenance of groundwater salinity at or below target levels*
- *Safety of water for contact recreation*

Preserve and enhance recreational areas, open space, habitat, and natural hydrologic function.

- *Abundance of vegetated riparian corridor*
- *Abundance of conserved open space*

Engage with members of disadvantaged communities and associated supporting organizations to diminish environmental injustices and their impacts on the watershed.

- *Equitable access to clean drinking water*
- *Proportionate implementation of climate change adaptation strategies*

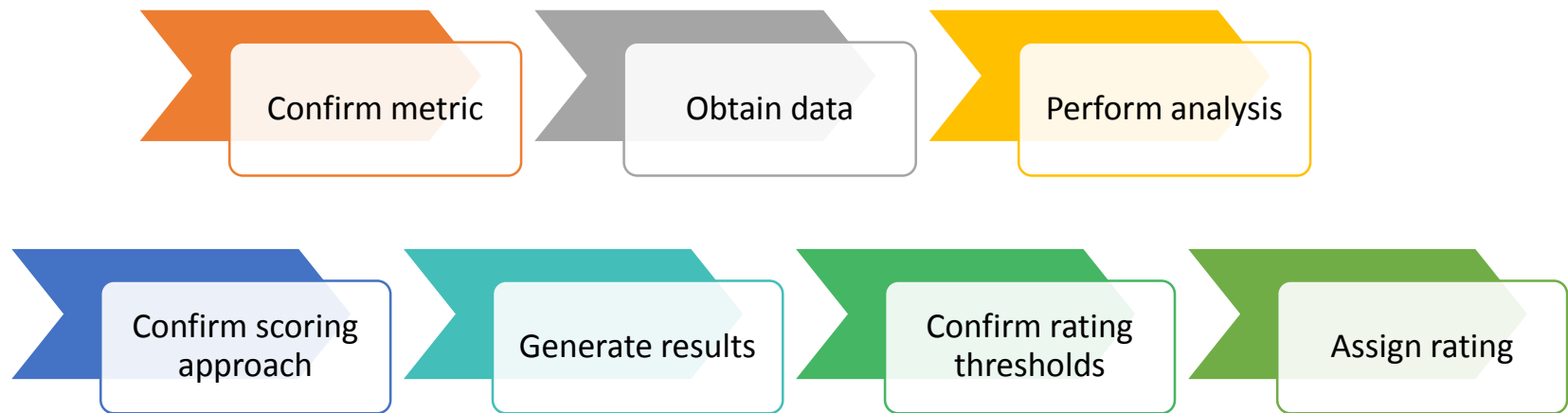
Educate and build trust between people and organizations.

- *Collaboration for more effective outcomes*
- *Adoption of a watershed ethic*

Improve data integration, tracking and reporting to strengthen decision-making.

- *Broaden access to data for decision-making*
- *Participation in an open data process*

Assessment Process



Assessment Process – After Analysis



- Trend Scoring or Good-Bad Scoring
- Quantitative or Qualitative

Assessment Process – After Analysis



- Trend Scoring or Good-Bad Scoring
- Quantitative or Qualitative
- What should qualify as a negative, neutral, or positive outcome?

Rating System



- Score leads to a rating
- Positive
- Neutral
- Negative
- **Quantitative** v. Qualitative

Rating System



- Score leads to a rating
- Positive
- Neutral
- Negative
- Quantitative v. **Qualitative**

Summary Sheets: One for each Indicator



GOAL: Ensure high quality water for all people and the environment.



Indicator:

Maintenance of groundwater salinity at or below target levels



Metric:

Non-exceedance of groundwater salinity standards

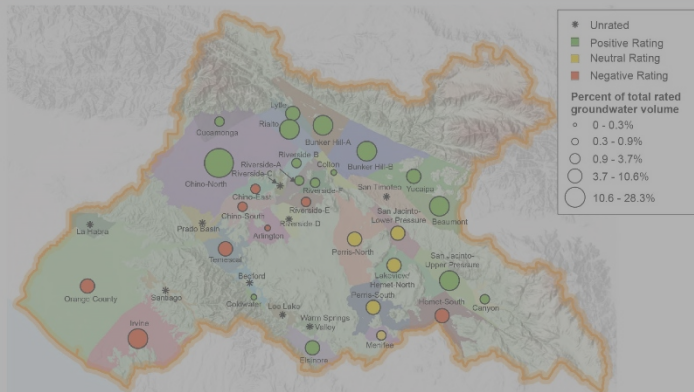
- OWOW Goal, Indicator, and Metric

- Of the 29 (out of 37 total) managed groundwater zones for which sufficient data exists for evaluation 55% have salinity levels at the level of the salinity standard or better; when the results are weighted by volume in storage in each zone, the result rises to 71%.
- Overall, 82% of the rated groundwater volume either meets the water quality standard, or fails to meet the standard but has significantly improved compared to recent historic values.
- Salinity within the groundwater basins of the watershed has increased somewhat since 2012, just prior to the conditions described in the last OWOW Plan.



Why Evaluate this Indicator?

Management of water quality in the groundwater basins of the watershed is essential to preserving their utility. Groundwater basins are the watershed's most important local water storage tool, and salinity levels are a primary consideration for maintaining a high-quality, reliable water supply.



Santa Ana Watershed Project Authority | www.sawpa.org

Summary Sheets: One for each Indicator



GOAL: Ensure high quality water for all people and the environment.



Indicator:

Maintenance of groundwater salinity at or below target levels



Metric:

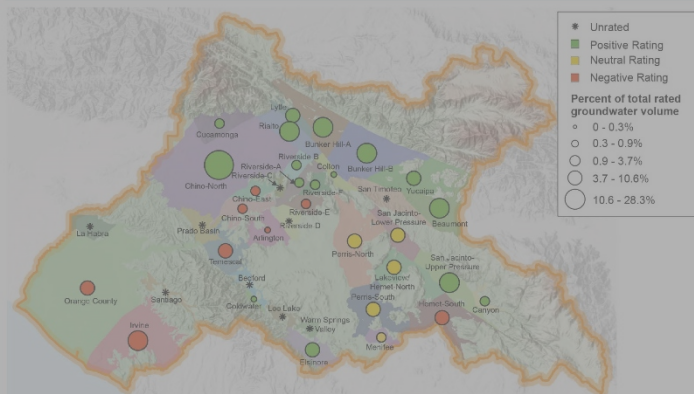
Non-exceedance of groundwater salinity standards

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Santa Ana Watershed Project Authority | www.sawpa.org

- OWOW Goal, Indicator, and Metric
- Assessment Results and Rating

Summary Sheets: One for each Indicator



GOAL: Ensure high quality water for all people and the environment.



Indicator:

Maintenance of groundwater salinity at or below target levels



Metric:

Non-exceedance of groundwater salinity standards

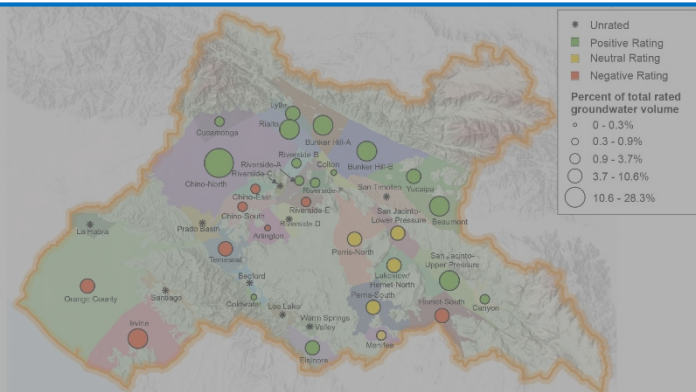
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- OWOW Goal, Indicator, and Metric
- Assessment Results and Rating
- Indicator selection rationale



Santa Ana Watershed Project Authority | www.sawpa.org

Summary Sheets: One for each Indicator



GOAL: Ensure high quality water for all people and the environment.



Indicator:

Maintenance of groundwater salinity at or below target levels



Metric:

Non-exceedance of groundwater salinity standards

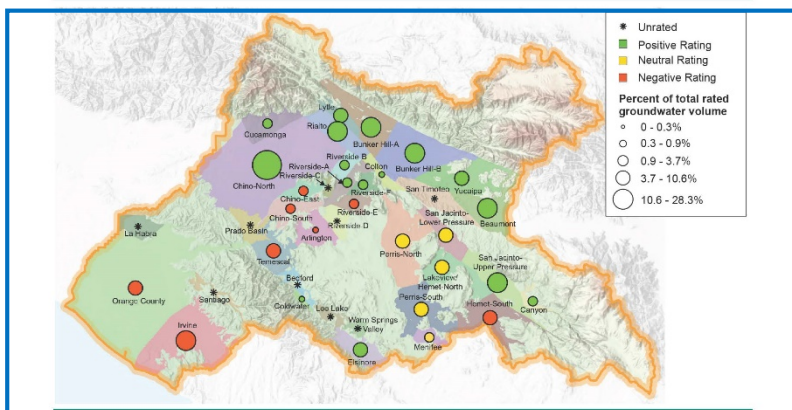
- Of the 29 (out of 37 total) managed groundwater zones for which sufficient data exists for evaluation 55% have salinity levels at the level of the salinity standard or better; when the results are weighted by volume in storage in each zone, the result rises to 71%.
- Overall, 82% of the rated groundwater volume either meets the water quality standard, or fails to meet the standard but has significantly improved compared to recent historic values.
- Salinity within the groundwater basins of the watershed has increased somewhat since 2012, just prior to the conditions described in the last OWOW Plan.



Why Evaluate this Indicator?

Management of water quality in the groundwater basins of the watershed is essential to preserving their utility. Groundwater basins are the watershed's most important local water storage tool, and salinity levels are a primary consideration for maintaining a high-quality, reliable water supply.

- OWOW Goal, Indicator, and Metric
- Assessment Results and Rating
- Indicator selection rationale
- Assessment Results Summary Graphic



Santa Ana Watershed Project Authority | www.sawpa.org

Summary Table

OWOW Goal

| Goal | Indicator | Metric | Rating* | Scoring |
|--|--|---|---------|--|
| Achieve resilient water resources through innovation and optimization | Maximization of locally-managed supplies [†] | Percent of total annual supply sourced or managed locally | | Trend scoring approach. Potentially fully scorable data set if data can be rectified. Qualitative trend assessment - inadequate data available. |
| | Efficiency of outdoor water use | Percent of watershed population in agencies using parcel-level data to assess outdoor water use | | Trend scoring approach. One partial data set: incomplete assessment of all watershed retailers and how parcel-level data is actually used. Qualitative trend assessment - only one data point. |
| Ensure high quality water for all people and the environment | Maintenance of groundwater salinity at or below target levels | Non-exceedance of groundwater salinity standards | | Good-bad scoring approach. Fully scoring using quantitative data. Compare most recent (2015) to average triennial quantitative data 2003-2012. |
| | Safety of water for contact recreation | Percentage of monitored sites where recreational use is likely and identified as low risk due to bacterial contamination | | Good-bad scoring approach. Fully scoring using quantitative data. |
| Preserve and enhance recreational areas, open space, habitat, and natural hydrologic function | Abundance of vegetated riparian corridor | Area of vegetated riparian corridor | | Trend scoring approach. Fully scoring based on quantitative data. Compare to average of prior 5 years of data. |
| | Abundance of conserved open space | Area of conserved open space | | Trend scoring approach. Fully scoring based on quantitative data. Compare 2017 to 2016 data. |
| Engage with members of disadvantaged communities and associated supporting organizations to diminish environmental injustices and their impacts on the watershed | Equitable access to clean drinking water | Relative value of the drinking water contaminant index from CalEnviroScreen between less resourced parts of the community and more resourced parts of the community | | Trend scoring approach. Qualitative trend assessment - only one data point. |
| | Proportionate implementation of climate change adaptation strategies | Relative value of tree and shrub density between less resourced parts of the community and more resourced parts of the community | | Trend scoring approach. Qualitative trend assessment - only one data point. |
| Educate and build trust between people and organizations | Collaboration for more effective outcomes | Percent of entities regulated by a total maximum daily load (TMDL) that have made financial or in-kind contributions to TMDL implementation | | Good-bad scoring approach. Fully scoring based on quantitative data. Compare 2017 to 2016 data. |
| | Adoption of a watershed ethic | Total gallons of potable water used per capita per day | | Trend scoring approach. Fully scoring based on quantitative data. Compare to average of prior 10 years of data. |
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*A face with a hat indicates that the rating results from a qualitative assessment.

Summary Table

| OWOW Sustainability Assessment Summary | | | | |
|--|--|---|---------|--|
| Indicator and Metric | | | Rating* | Scoring |
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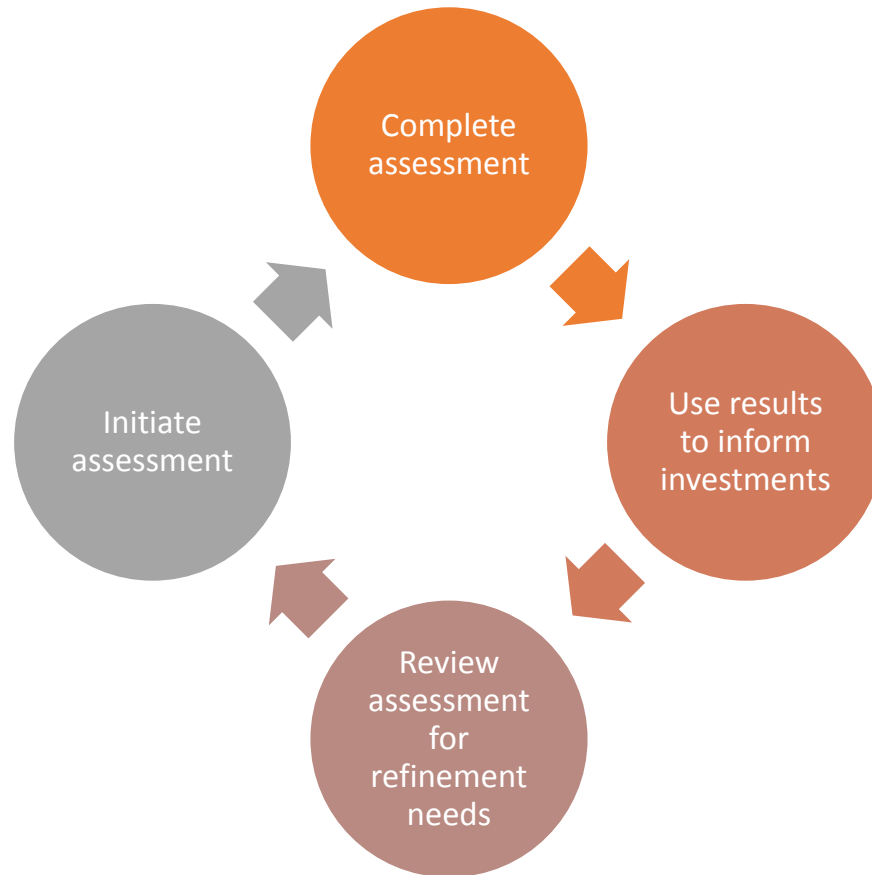
Summary Table

Scoring Approach

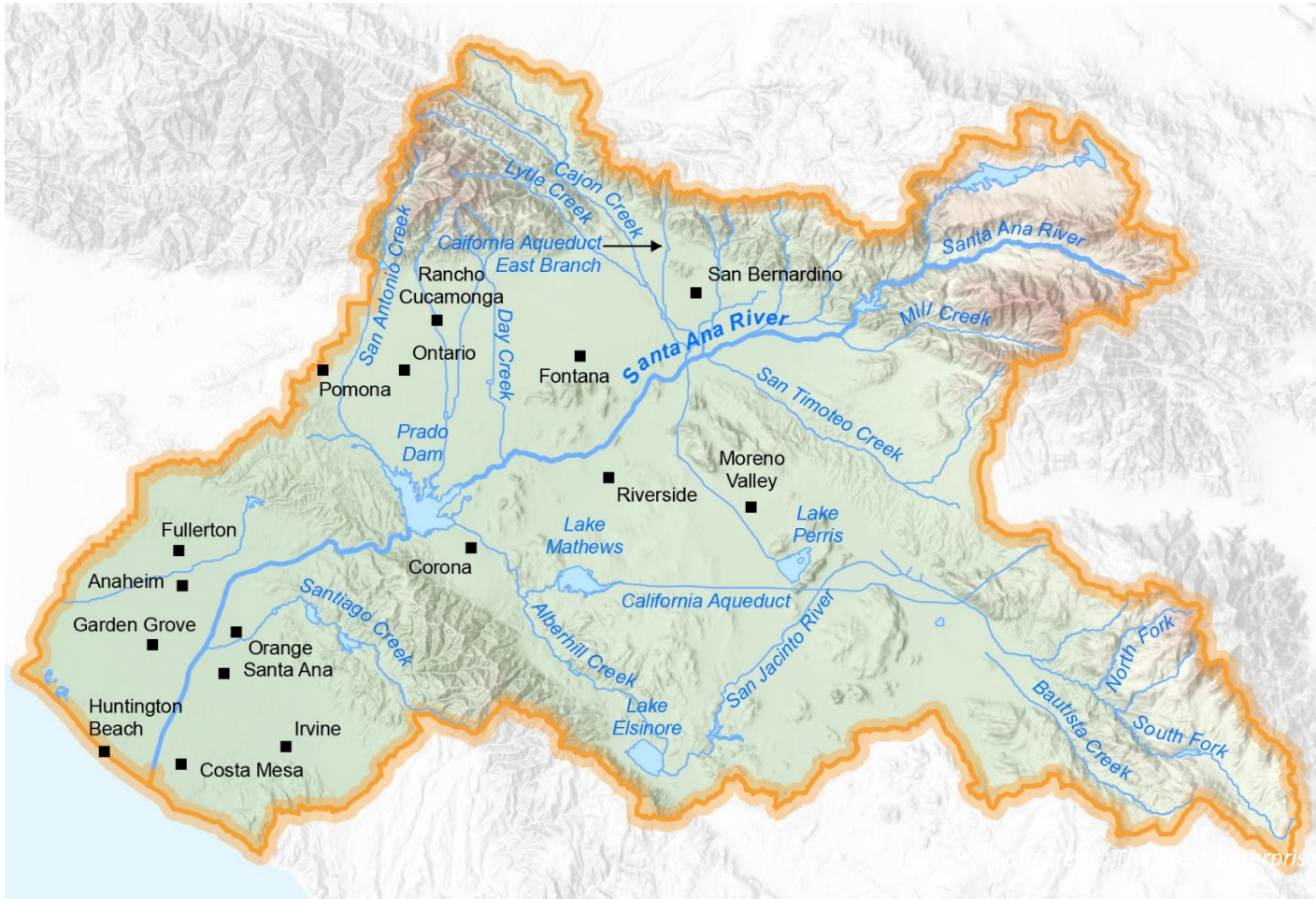
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Using the Assessment



Feedback? Questions?



One Water One Watershed Plan Update 2018

Moving forward together

Santa Ana River Watershed



OWOW Plan Update 2018

- **28** month effort
- Involving
 - Over **100** authors
 - Over **100** collaborative meetings
- Resulting in:
 - **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

Now that we
have it, how does
it help us? What
does it mean that
we made it
together?

How do we use the OWOW Plan Update 2018?

Stakeholders gathered to build upon the work of OWOW Plan, and OWOW 2.0 Plan

- Chapters 1 & 2
- Collaborative planning, by and for the stakeholders, overseen by representative decision-makers.
- Both of which built from earlier shared planning in the watershed.

Unique Collaboration & Decision-Making



What are the
shared
vision, goals
and
objectives
across the
entire
watershed?

- Chapter 3
- Establishing a Vision, and Goals, set the stage for collaborative planning. It is a critical piece, building common purpose.

The Vision of OWOW

OWOW Guiding Principles



Create Anew

A shared vision of a healthy productive watershed



Collaboration Across Boundaries

Citizens of the watershed, finding multi-jurisdictional solutions



Adopt Systems Approach

Problems are interrelated, seek synergies, create catalysts

- A Santa Ana River Watershed that is:
 - Is sustainable, droughtproof, and salt balanced by 2040;
 - Avoids and removes interruptions to natural hydrology, protecting water resources for all;
 - Uses water efficiently, supporting economic and environmental vitality;
 - Is adapted to acute and chronic climate risk and reduces carbon emissions;
 - Works to diminish environmental injustices;
 - Encourages a watershed ethic at the institutional and personal level.

OWOW Plan Update 2018 Goals:

- Achieve resilient water resources through innovation and optimization.
- Ensure high-quality water for all people and the environment.
- Preserve and enhance recreational areas, open space, habitat, and natural hydrologic function.
- Engage with members of disadvantaged communities and associated supporting organizations to diminish environmental injustices and their impacts on the watershed.
- Educate and build trust between people and organizations.
- Improve data integration, tracking, and reporting to strengthen decision making.

Now, what
are our
strengths,
opportunities,
and
challenges?

- Chapter 4
- The Watershed Setting describes the physical, social, and water management realities of the Watershed.

To achieve
our vision,
our goals,
what
should we
do?

- Chapter 5
- Recommended Management and Policy Strategies, the heart and core of the plan, built by stakeholders.
- What the experts believe are the right transformations, and efforts.
- And, where do they agree and align across expertise?

How do we
allocate
available
resources to
our most
critical
needs?

- Chapter 6

- When grant funding is available, a collaborative process for selecting the right efforts to support.

What can be
achieved if
we are
successful?

- Chapter 7
- The impacts and benefits of pursuing shared planning, and achieving sustainable integrated solutions.

How can we
pay for and
track the
successes of
our efforts?

- Chapters 8 & 9
- Financing the efforts included will require more than the IRWM implementation grants.
- Understanding the successes and challenges in our efforts support future decisions.

Logic of OWOW Plan Update 2018

Stakeholders gathered to build upon the work of OWOW Plan, and OWOW 2.0 Plan

What are the shared vision, goals and objectives across the entire watershed?

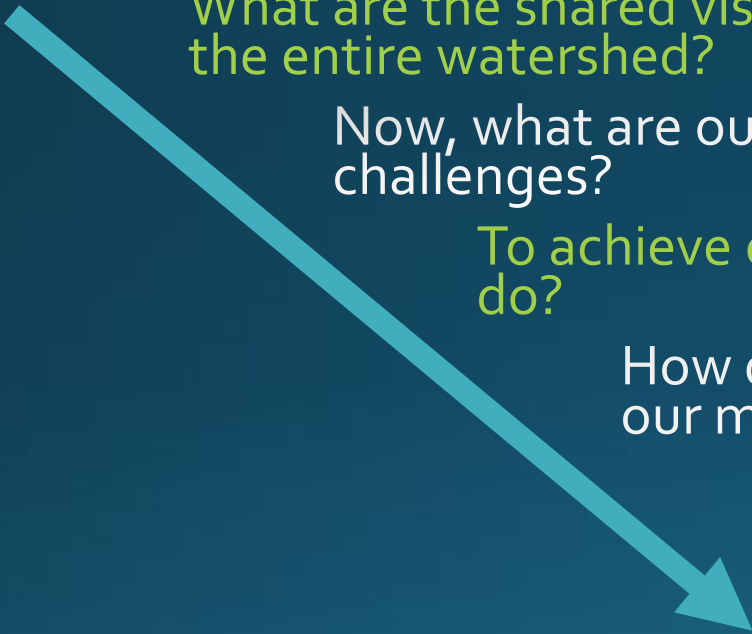
Now, what are our strengths, opportunities, and challenges?

To achieve our vision, our goals, what should we do?

How do we allocate available resources to our most critical needs?

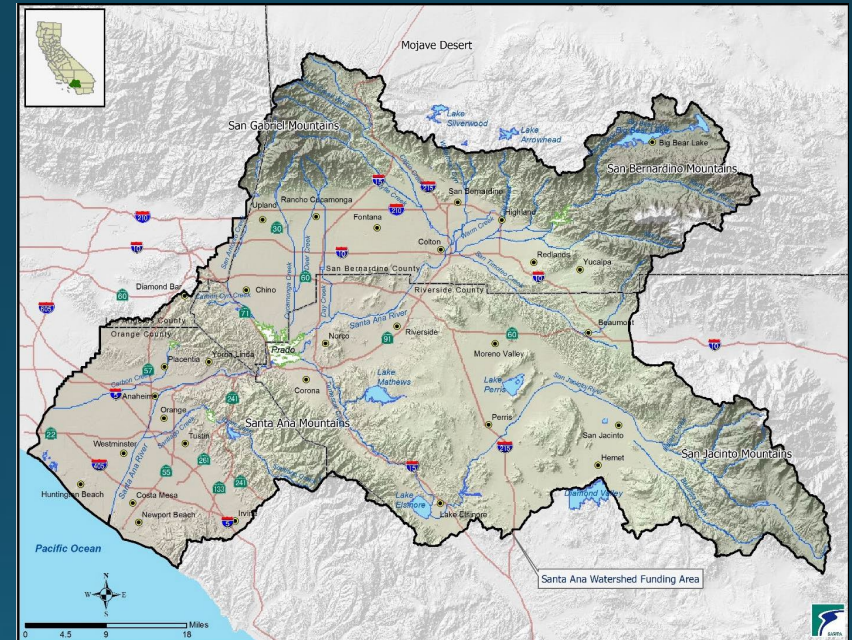
What can be achieved if we are successful?

How can we pay for and track the successes of our efforts?



Implementation through Watershed Coordination

- ✓ IRWM implementation grants
- ✓ Other state and federal grants
- ✓ Collaborative projects
- ✓ Single-organization projects
- ✓ Educational efforts
- ✓ Ongoing collaboration
- ✓ Strong community engagement
- ✓ Not just SAWPA – not just the OWOW Program



Next Steps

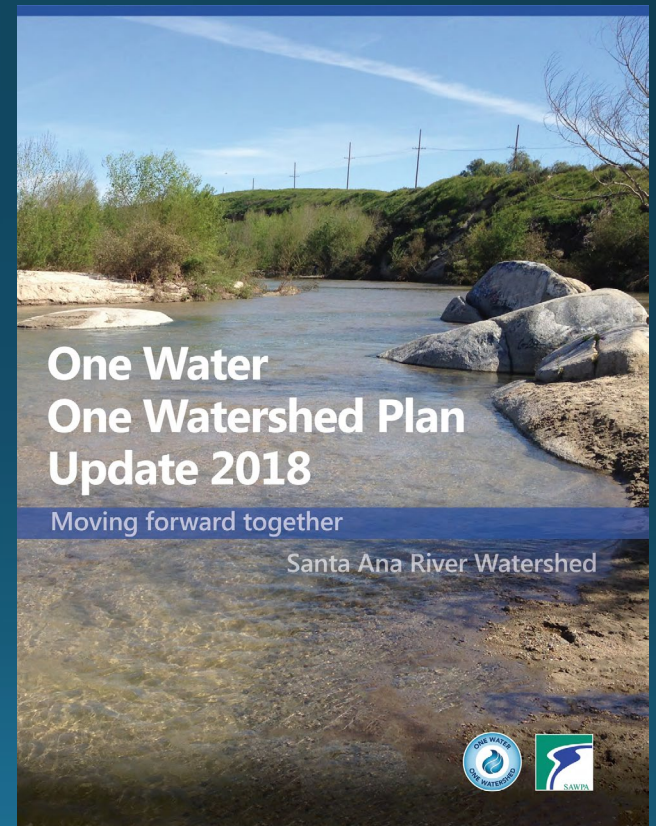


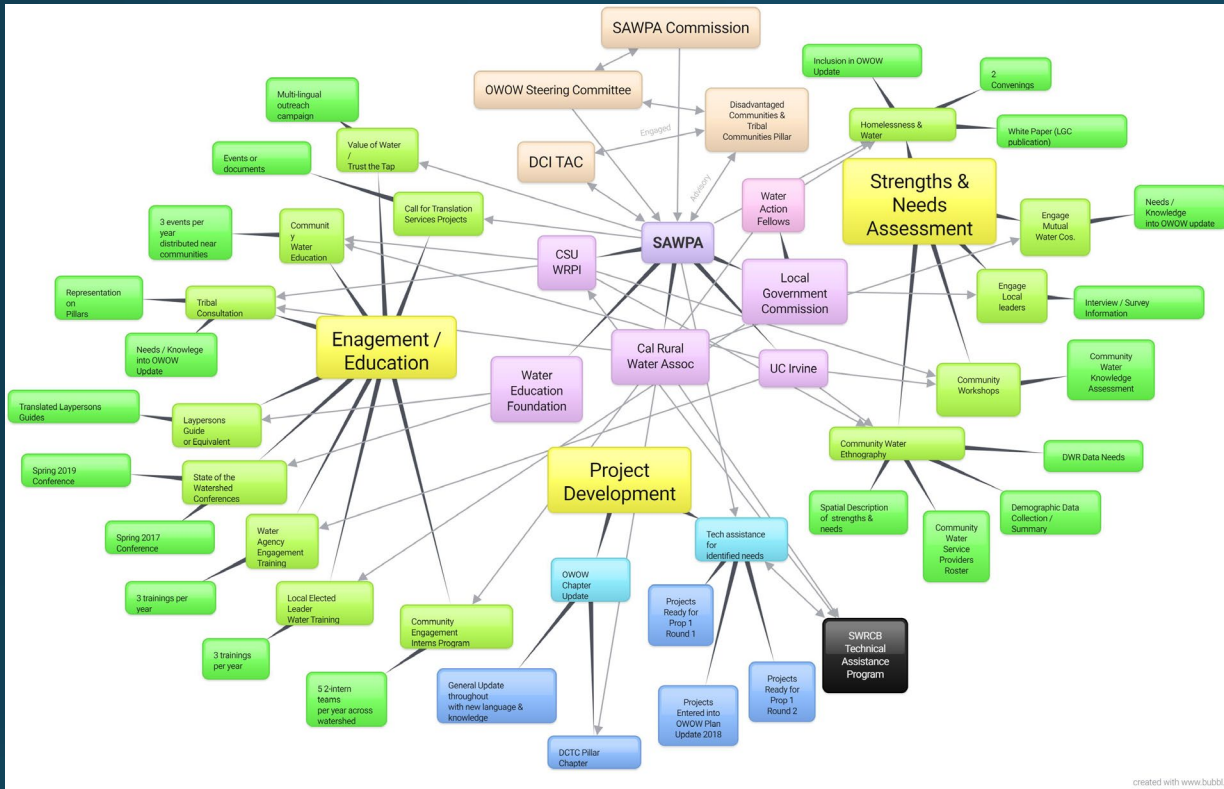
- If recommended today:
 - Public Hearing and consideration of formal adoption
 - At SAWPA Commission, February 19, 2019
 - Submittal to Department of Water Resources for approval

Recommendations



1. It is recommended that the OWOW Steering Committee consider recommending the One Water One Watershed Plan Update 2018 be adopted by the SAWPA Commission.





Disadvantaged Communities Involvement Program

Technical Assistance for Community Need

DCI Program Elements

- Program Element 1: Strengths and Needs Assessment
- Program Element 2: Engagement / Education
- Program Element 3: Project Development
- Program Element 4: Grant Administration

- Program Team:
 - SAWPA, CivicSpark Water Fellows, California State University, Local Government Commission, California Rural Water Association, University of California Irvine, Water Education Foundation

Budget

| Program Element | Budget | Remaining | % expended |
|-------------------------|--------------|--------------|------------|
| 1Strengths & Needs | \$ 898,644 | \$ 434,190 | 51.68% |
| 2Engagement / Education | \$ 1,853,068 | \$ 1,631,612 | 11.95% |
| 3Project Development | \$ 3,233,288 | \$ 3,124,381 | 3.37% |
| 4Administration | \$ 315,000 | \$ 282,117 | 10.44% |

Tasks / Progress

| Program Element Components | |
|----------------------------|---|
| PE ₁ | DCI Technical Advisory Committee |
| | Disadvantaged Communities & Tribal Communities Pillar |
| | Engage Local Elected Leaders |
| | Engage Mutual Water Companies |
| | Engage Water Agencies |
| | Community Listening Workshops |
| | Community Water Ethnography of the Santa Ana River Watershed (PE ₁ Final Report) |
| | Homelessness & Water Convening |
| PE ₂ | Tribal Consultation |
| | Value of Water / Trust the Tap campaign |
| | Translation Services |
| | Engagement Best Practices Publications |
| | State of the Santa Ana Watershed Conferences |
| | Community Water Education |
| | Water Agency Community Engagement Training |
| | Local Elected Leader Training |
| | Community Engagement Intern Program |
| PE ₃ | Technical Assistance for Community Needs |
| | OWOW Plan Update 2018 |
| | CivicSpark Water Fellows |
| PE ₄ | Agreement Administration |
| | Invoicing |
| | Progress Report and Final Report |

OWOW Plan Update 2018

Homelessness & Water Symposium

Community Water Internship

CivicSpark Water Fellows

DCI Program Development

Technical Assistance for Community Need

Activity 18 Technical Assistance for Community Needs

- During engagement efforts the program team will learn of projects, plans and programs. Following evaluation of these projects, plans and programs, an appropriate set will receive Technical Assistance (TA) including but not limited to project engineering services, curriculum development, translation services, and program support. The evaluation of the projects, plans, and programs will follow a set of evaluation criteria developed by DCI Technical Advisory Committee (TAC)...

Technical Advisory Committee Roster

| Name | Organization | Role |
|--------------------|---|---|
| Holly Alpert | California Rural Water Association | Program Partner |
| Boykin Witherspoon | CSU Water Resources Policy Initiative | Program Partner |
| Valerie Olson | University of California, Irvine | Program Partner |
| Gary Pitzer | Water Education Foundation | Program Partner |
| Danielle Dolan | Local Government Commission | Program Partner |
| Beatrice Musacchia | Orange County Public Works | TAC member |
| Elizabeth Lovested | Eastern Municipal Water District | TAC member |
| Stuart McKibbin | Riverside County Flood Control District | TAC member |
| Megan Brousseau | Inland Empire Waterkeeper | Disadvantaged Communities and Tribal Communities Pillar Chair |

Technical Assistance for Community Need

- Four early-action items approved by the TAC:
 - **Income Surveys**
 - (CRWA & CSU)
 - **Big Bear Water Sustainability Project**
 - (if approved by SAWPA Commission, sub-grant agreement)
 - **Tribal Working Group**
 - (if approved by SAWPA Commission, CWRA)
 - **Monitoring WQ & Riparian habitat impact of homelessness**
 - (if approved by SAWPA Commission, SAWPA consultant)

Technical Assistance for Community Need

- Next Steps:
 - Department of Water Resources must also sign-off that these activities are compliant with the Prop 1 Disadvantaged Community Involvement Grant program.
- There remains a large list of candidate programs, plans and projects:
 - TAC to further refine eligibility criterion
 - Select additional TA activities to pursue

Recommendations



1. It is recommended that the OWOW Steering Committee receive and file this presentation of the status of the Technical Assistance for Community Needs activity within the Disadvantaged Communities Involvement (DCI) Program.

Ongoing discussions with North & Central Orange County Regional Water Management Group

Rich Haller, General Manager
OWOW Steering Committee
January 24, 2019



Issues under discussion

- OC Public Works, on behalf of other agencies and stakeholders asks:
 1. To have the OC Plan (2018) “meaningfully included” in the OWOW Plan Update 2018
 2. 38% of the available funding in Prop 1 IRWM Implementation grants pre-allocated to projects in North Orange County
 3. The OC Plan rating & ranking system be used to select projects to use that allocation



Regional Acceptance Process

- OC Public Works has submitted a Regional Acceptance Process application to Department of Water Resources.
- DWR has suggested a decision by the end of January.
- If approved:
 - North Orange County RWMG would be eligible to apply for IRWM grants within the Santa Ana Funding Area, after submitting a compliant IRWM plan.
 - These applications would be competitive with the OWOW Program applications, with DWR selecting which proposal got how much money.



Response Proposal to OC Partners

- A 25% minimum allocation would be assured for projects located in each Orange County, Riverside County and San Bernardino County
- Remaining 25% of funding would be awarded to project proponents based on merit
- OC Plan rating & ranking used to create a suite of projects then could be submitted by OC Partners as a single program to the OWOW Program call-for-projects seeking grants



OC Counter Proposal

- 1/3 of available implementation grants be pre-allocated to Orange County, Riverside County, and San Bernardino County.
 - Each County could choose to assign funds from their allocation for larger scale cross county regional projects
- If there is a formal allocation to County areas, the concern about harm from upstream projects on downstream areas is potentially mitigated
- If 1/3 pre-allocation by County is agreed to, OC Public Works will withdraw its Regional Acceptance Process application with DWR



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 1/31/19



Public review period of proposed projects and programs

Let's Connect!

Ends 3/01/19



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 Review Draft Final proposal list for pre-application workshop with DWR

03/28/19



Public QA/QC meeting of top projects

Mid-March



Public Release of Draft Ranked Project List

3/04/19

Implementation Grant Timeline (adjusted)

