

# Coachella Valley Integrated Regional Water Management Program Planning Partners

**Wednesday, January 17  
10:00 a.m. – 12:00 p.m.**

**Coachella Valley Water District  
75-515 Hovley Lane East  
Palm Desert, CA**

## **AGENDA**

### **Meeting Objectives:**

- A. Updates on Coachella Valley IRWM Program
- B. Overview of Coachella Valley Integrated Regional Water Management (IRWM)/ Stormwater Resources (SWR) Plan Update
- C. Overview of Stormwater Projects Prioritization
- D. Overview of Project Database Update
- E. Updates on Upcoming Funding Programs

### **Agenda:**

- 1. Welcome and Introductions
- 2. Coachella Valley IRWM Program Updates
  - a. Project Highlight – CVWD Well Retrofit Program
- 3. Coachella Valley IRWM/SWR Plan Update
  - a. Overview of IRWM/SWR Plan Update
    - i. Update on Boundary Change
  - b. Review of Goals and Objectives
  - c. Project Evaluation and Scoring
    - i. Overview of IRWM Project Scoring
    - ii. Overview of Stormwater Project Prioritization Process
      - 1. Results of Stormwater Prioritization Exercise
  - d. Overview of Project Database Update
- 4. Proposition 1 Opportunities
  - a. Stormwater Grant Program – Round 2
  - b. IRWM Implementation – Round 1

**Visit our Website: [www.cvrwmg.org](http://www.cvrwmg.org)**

- c. Sustainable Groundwater Planning Grant Program
- d. WaterSMART Programs
- 5. Questions and Comments
- 6. Break
- 7. Database Working Session



# Coachella Valley Integrated Regional Water Management Program

## Planning Partners

January 17, 2018



## Agenda

- ◆ Welcome and Introductions
- ◆ Coachella Valley IRWM Program Updates
- ◆ Overview of Coachella Valley IRWM/SWR Plan Update
- ◆ Overview of IRWM & SWR Project Prioritization
- ◆ Overview of Project Database Update
- ◆ Updates on Upcoming Funding Programs
- ◆ Meeting Adjourned
- ◆ Project Database Demonstration



## Coachella Valley IRWM Program Updates

### Program Updates

- ◆ Prop 84 - Round 1 is complete and the Final Report is being prepared for submittal to DWR.
- ◆ Prop 84 - Rounds 2 and 3 are continuing and are anticipated to be complete in December 2018.
- ◆ Prop 84 - Round 4 is underway and is anticipated to be complete in April 2020.
- ◆ Prop 1 – Planning Grant is underway and is anticipated to be complete in September 2018.
- ◆ Prop 1- DAC Involvement Grant is in the contracting process and is anticipated to be underway within the next couple months.

## Program Success

Grant Solicitation Name	Number of Projects Funded	Total Grant Award	Current Status
Proposition 84 Planning Grant	1	\$1,000,000	Complete
DAC Outreach Grant	1	\$500,000	Complete
Proposition 84 – Round 1	4	\$4,000,000	Complete
Proposition 84 – Round 2	8	\$5,240,000	Underway
Proposition 84 – Round 3	2	\$5,270,636	Underway
Proposition 84 – Round 4	6	\$2,361,627	Underway
Proposition 1 Planning Grant	1	\$211,982	Underway
Proposition 1 DAC Involvement	3	\$1,118,030	Contracting Underway
<b>TOTAL</b>	<b>26</b>	<b>\$19,490,293</b>	--



5

## Program Updates

Project Highlight – CVWD Well Retrofit Program



6

## Groundwater Management has Caused Return of Artesian Conditions in a Large Portion of the Eastern Coachella Valley

- Implementation of the Coachella Valley Water Management Plan
  - Direct recharge at Thomas E. Levy Groundwater Replenishment Facility
  - Water conservation programs
  - Source substitution
- Returning natural artesian conditions lifting groundwater up to 10 feet above ground surface
- Prevents salt water intrusion
- Exports salts from the basin



## Rising Water Levels Indicate a Healthy Aquifer but Can Lead to Issues with Improperly Sealed or Abandoned Wells

Issues include:

- Water loss
- Pathway for groundwater contamination
- Property damage
- Mosquito breeding source



## Regional Well Retrofit and Abandonment Program

- ◆ Proposition 84 IRWM Round 4 Implementation Grant secured by the Coachella Valley Regional Water Management Group
- ◆ Program makes available rebates totaling \$253,283
- ◆ Rebates of \$35,000 per well available to qualifying well owners
  - Properly sealing leaking artesian wells
  - Destroying improperly abandoned wells
  - Retrofit for state reported monitoring wells (public agencies)
- ◆ Up to two (2) rebates per applicant



9

## Uncontrolled Artesian Well Retrofit Rebate: \$2,500



Pre-project inspection, July 2017



Post-project inspection, December 2017



10

## Uncontrolled Artesian Well Destroyed Rebate: \$6,180



Pre-project inspection, April 2017



Post-project inspection, October 2017



11

## For More Information

- ◆ Visit CVWD's Rebate webpage  
**<http://cvwd.org/381/Other-Rebates>**
- ◆ Call Randy Vorster, Environmental Services Coordinator  
**(760) 398-2651, extension 2233**
- ◆ Program applications should be submitted as soon as possible to take advantage of available funds.



12





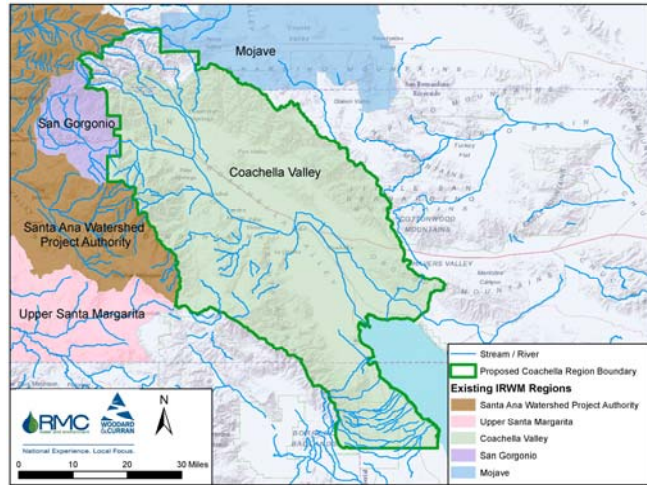
## Coachella Valley IRWM / SWR Plan Update

### Overview of IRWM / SWR Plan Update

- ◆ Final Proposition 1 Planning Grant Award: \$211,982
- ◆ Comprehensive update to the *2014 Coachella Valley IRWM Plan* will include:
  - Plan Standards: Compliance with *2016 IRWM Guidelines*
  - SWRP: Incorporate requirements of *2015 SWRP Guidelines* resulting in an IRWM Plan that also serves as a functionally equivalent SWRP
  - Governance: Incorporate Valley Sanitary District into Plan text
- ◆ Update will maintain eligibility for projects to receive grant funding, including State funding for stormwater projects

## Overview of IRWM Plan / SWRP Update

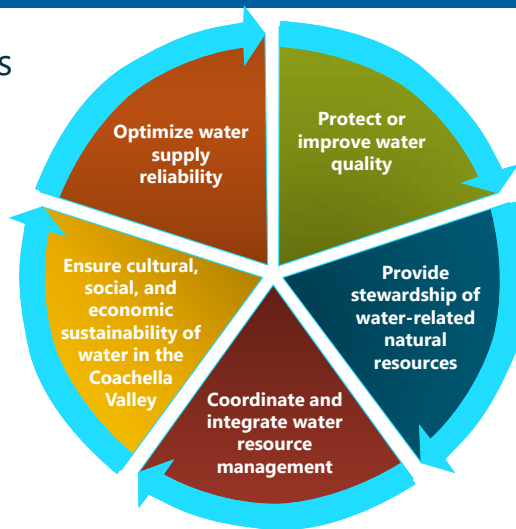
- ◆ Update on Boundary Change
  - DWR approved the boundary change November 16, 2017.
- ◆ Expanded on the northwest side to include parts of the watershed that were not previously included.



15

## Review of Goals and Objectives

### ◆ IRWM/SWR Plan Goals



16

## Review of Goals and Objectives

### 13 IRWM/SWR Plan Objectives

1. Provide reliable water supply for residential, commercial, agricultural, and tourism needs.
2. Manage groundwater levels to reduce overdraft, manage perched water, and minimize subsidence.
3. Secure reliable imported water supply, including State Water Project supply.
4. Maximize local supply opportunities with water conservation and recycling, source substitution, and *runoff capture and infiltration*.
5. Protect and improve groundwater quality.
6. Preserve and *improve surface water quality* by maintaining agricultural drainage systems, protecting natural runoff quality, and reducing pollution in stormwater runoff.
7. Preserve and restore the water-related local environment.



17

## Review of Goals and Objectives

### 13 IRWM/SWR Plan Objectives

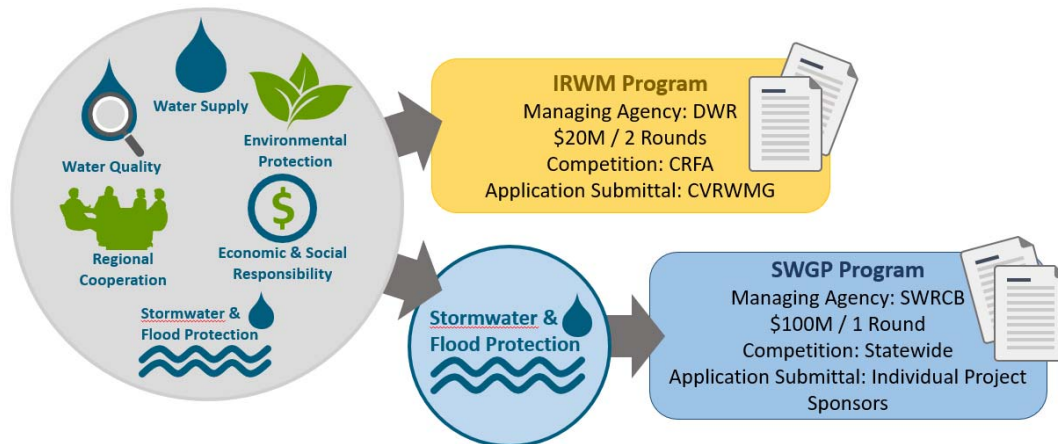
8. *Manage flood risks*, including current and future needs.
9. *Optimize conjunctive use* of available water resources.
10. Maximize stakeholder involvement and stewardship in water resource management.
11. Address water-related needs of local Native American culture.
12. Address water and sanitation needs of disadvantaged communities.
13. Maintain affordability of water.

Although it is not stated explicitly, the need to address the identified vulnerabilities to climate change in the Region is embedded in many of these objectives as an overarching theme of the plan.



18

## Review of Goals and Objectives



## IRWM Project Evaluation and Scoring

- ◆ Overview of IRWM Project Scoring
  - 3 fundamental components:
    - 1) *Principles of IRWM planning*
    - 2) *Priorities of the Coachella Valley Region*
    - 3) *Project Feasibility*
  - Scoring based on responses in online project database
  - Scoring process in accordance with 2016 IRWM Guidelines

# IRWM Project Evaluation and Scoring

- IRWM Project Scoring
  - Each project assigned score for each criterion
  - Criteria are weighted
  - Max score = 200
  - Top 50<sup>th</sup> percentile of projects = Tier 1, which are considered for IRWM funding

Component	Criterion	Scoring Procedure <sup>1</sup>	Points Assigned	Weighting	Sub-total
1. Principles of IRWM Planning	A. Addresses Multiple IRWM Plan Objectives	Score based on # of objectives addressed	4+ objectives = 20 pts 3 objectives = 15 pts 2 objectives = 10 pts 1 objective = 5 pts	11%	70
	B. Integrates Multiple Resource Management Strategies	Score based on # of strategies employed	8+ strategies = 20 pts 6-7 strategies = 15 pts 4-5 strategies = 10 pts 2-3 strategies = 5 pts	11%	
	C. Addresses a Statewide Priority	Score is based on Yes/No response	Yes = 10 pts No = 0 pts	6%	
	D. Linked to Other Projects	Score is based on Yes/No response	Yes = 10 pts No = 0 pts	6%	
	E. Involves More than One Partner	Score is based on Yes/No response	Yes = 10 pts No = 0 pts	6%	
2. Priorities of the Coachella Valley	A. Optimizes Water Supply Reliability	Score is based on Yes/No response	Yes = 20 pts No = 0 pts	9%	120
	B. Protects or Improves Water Quality	Score is based on Yes/No response	Yes = 20 pts No = 0 pts	9%	
	C. Manages Flood Risks	Score is based on Yes/No response	Yes = 20 pts No = 0 pts	9%	
	D. Optimizes Conjunctive Use of Surface and Groundwater Supplies	Score is based on Yes/No response	Yes = 20 pts No = 0 pts	9%	
	E. Directly Benefits Disadvantaged Communities	Score is based on Yes/No response	Yes = 20 pts No = 0 pts	9%	
	F. Maximizes stakeholder involvement and stewardship in water resource management*	Score is based on Yes/No response	Yes = 20 pts No = 0 pts	9%	
3. Project Feasibility	A. Identified in Existing Plan	Score is based on Yes/No response	Yes = 10 pts No = 0 pts	6%	10
				<b>Total</b>	<b>200</b>

\* New prioritization criterion based on input received by stakeholders on Objective J (refer to Chapter 6, Objectives for more information)

# SWRP Project Evaluation and Scoring

## Results of SWR Benefits Prioritization Exercise

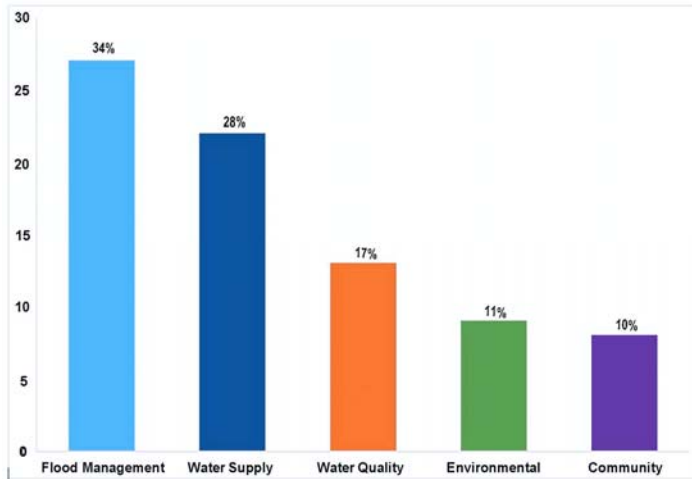
- Highest priorities for SW projects:
  - Decrease flood risk
  - Runoff capture and reuse
  - Reduce runoff
  - Reduce energy use

	SWRP Benefits	Prioritization
Water Quality	Increased filtration	●●●●
	Compliance with permit	●●
	Nonpoint source pollution control	●●●●
Flood Management	Natural water drainage	●●●●●●●●
	Decreased flood risk	●●●●●●●●
	Reduced runoff	●●●●●
	Reduced sanitary sewer overflows	●●
	Protect high risk communities*	●●
Community	Reduced damages from flooding*	●●
	Enhanced recreational areas	●
	Community outreach	●●●●●
	Employment opportunities	●
Water Supply	Increased collaboration*	●
	Water supply reliability	●●●●●
	Groundwater management	●●●●●
	Runoff capture and reuse	●●●●●●●●
	Drinking water supply	●●
	Reduction of imported water	●
Environmental	Water conservation	●
	Environmental protection	●
	Wetland enhancement	
	Stream/riparian enhancement	
	Instream flow augmentation	
	Increased urban green space	●
	Reduced energy use	●●●●●
Reestablishment of natural hydrograph	●	
	Water temperature improvements	

\* Additional benefits for the Region suggested by the Planning Partners

# SWRP Project Evaluation and Scoring

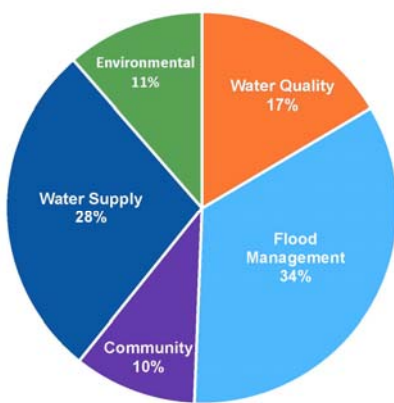
Results of SWR Benefits Prioritization Exercise



23

# SWRP Project Evaluation and Scoring

Results of Stormwater Benefits Prioritization Exercise



See Handout



24

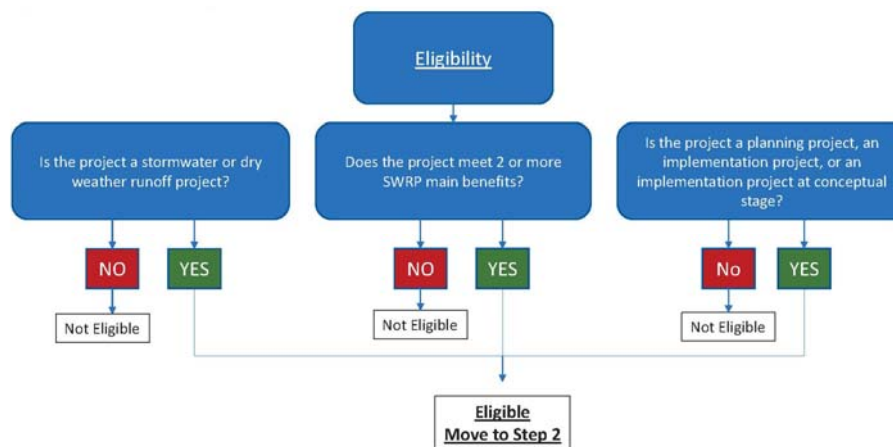
# SWRP Project Evaluation and Scoring

## Overview of SWR Project Scoring

- 6 factors considered
  - 1) Water quality benefits
  - 2) Water supply benefits
  - 3) Flood management benefits
  - 4) Environmental benefits
  - 5) Community benefits
  - 6) Source of funding available
- Scoring based on responses in online project database

# SWRP Project Evaluation and Scoring

## Step 1: Eligibility



## SWRP Project Evaluation and Scoring

- ◆ Step 2: Scoring and Ranking
- ◆ Ranking based on total score

See Handout

### Project Eligibility

- Project eligibility will be determined on a pass-fail basis.

### Multiple Benefits and Quantification of Benefits

- Scoring for Main Benefits provided by the project:
  - 2 points for 2 Main Benefits
  - 3 points for 3 Main Benefits
  - 4 points for 4 Main Benefits
  - 5 points for 5+ Main Benefits
- Scoring for Additional Benefits provided by the project:
  - 1 point for 1 Additional Benefit
  - 2 points for 2 Additional Benefits
  - 3 points for 3 Additional Benefits
  - 4 points for 4+ Additional Benefits
- Sources of Quantitative Benefits (assign points for highest level of technical document that has been completed for the project)
  - 4 points for a Design document
  - 3 points for an Environmental Assessment/EIR
  - 2 points for a Feasibility study
  - 1 points for another planning document or "back of envelope"

### Funding

- 1 point if the project sponsor has secured a permanent source of funding for capital costs.
- 1 point if the project sponsor has secured a permanent source of funding for O&M costs.

27



## SWRP Project Evaluation and Scoring

- ◆ SWR Project Scoring
  - Each project assigned a score for each criterion
  - Max score = 23
  - Projects will be ranked based on the scores
  - Project scoring in accordance with SWGP Guidelines
  - We will be communicating with the SWRCB to determine how they will use the ranking and scores
  - All projects are technically eligible to apply for Prop 1 funding for stormwater projects regardless of score or ranking

28



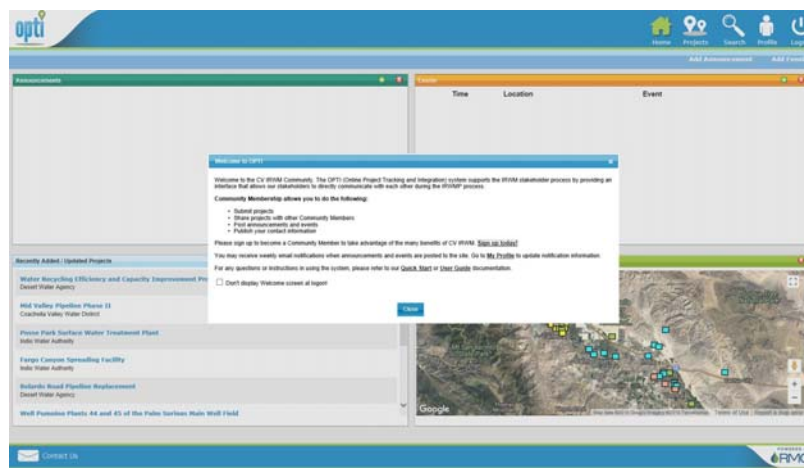


# SWRP Project Evaluation and Scoring

## Discussion

# Overview of Project Database Update

- Database tutorial will occur following this meeting.





## Proposition 1 Opportunities

### Proposition 1 Opportunities

#### ♦ SWRCB's Stormwater Grant Program:

- Planning Grant: March 2016 (not applied)
- Implementation – Round 1: July 2016 (not applied)
- Implementation – Round 2: Spring 2018
- Statewide Competition = \$90 Million remaining
- [http://www.waterboards.ca.gov/water\\_issues/programs/grants\\_loans/swgp/prop1/#fundprojects](http://www.waterboards.ca.gov/water_issues/programs/grants_loans/swgp/prop1/#fundprojects)

***Reminder: Local Projects Must be in IRWM / SWR Plan,  
but Must Apply for SWGP on Their Own***

## SWRP Call for Projects

- ◆ Opened on January 16<sup>th</sup>.
- ◆ Closes on February 16<sup>th</sup> for inclusion in the 2018 IRWM/SWR Plan<sup>1</sup>.
- ◆ Q&A and demo of the project database will occur immediately following this meeting.

1. Projects can be submitted before the SWRCB closes applications



33

## Proposition 1 Opportunities

- ◆ DWR's IRWM Grant Program:
  - Planning Grant: December 2016 (awarded)
  - DAC Solicitation: January 2017 (awarded)
  - Implementation – Round 1: Spring 2018
  - Implementation – Round 2: 2020
  - Funding Area Competition (Coachella, Mojave, Imperial, San Gorgonio)  
= \$19.8 Million remaining

***Reminder: Coachella Valley Project Database Always  
Open and CVRWGMG will Coordinate Regional Application***



34

## Proposition 1 Opportunities

### ◆ USBR's WaterSMART Programs:

- Drought Response Program:
  - Drought Planning: applications due February 7, 2018
  - Drought Projects: applications due February 13, 2018
- Reservoir Operations Alternatives – Calculating Economic Effects: applications due February 27, 2018
- Cooperative Watershed Management Program, Phase 1: applications due January 31, 2018 (\$1.4 Million)
- Statewide Competition = combined \$5.5 Million

***Reminder: Local Projects Must Apply to USBR  
WaterSMART on Their Own***



**Questions?**


# SWRP Database Demonstration

## Coachella Valley IRWM / SWR Project Database

### IRWM Projects: Required Tabs in Database

Description	Objectives	Strategies	Feasibility	Ranking	SWRP Eligibility	SWRP Benefits
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**IRWM Program**  
 Managing Agency: DWR  
 \$20M / 2 Rounds  
 Competition: CRFA  
 Application Submittal: CVRWMG



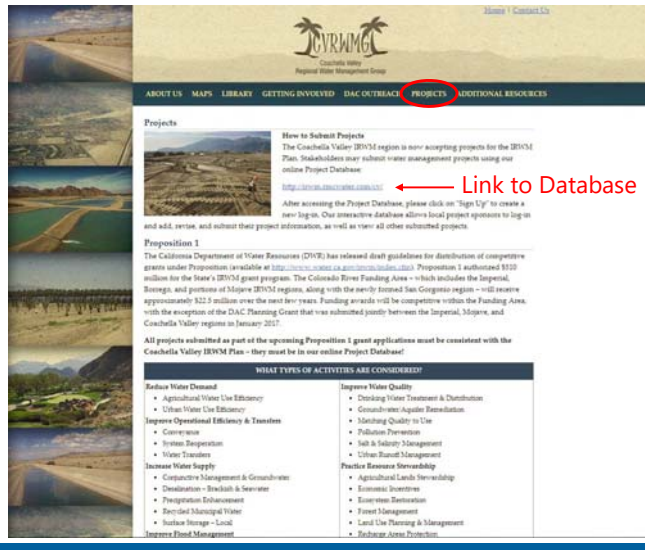
### SWRP Projects: Required Tabs in Database

Description	Objectives	Strategies	Feasibility	Ranking	SWRP Eligibility	SWRP Benefits
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**SWRP Program**  
 Managing Agency: SWRCB  
 \$100M / 1 Round  
 Competition: Statewide  
 Application Submittal: Individual Project Sponsors




# SWRP Database Demonstration



**PROJECTS**

**Projects**

How to Submit Projects  
 The Coachella Valley IRWM region is now accepting projects for the IRWM Plan. Stakeholders may submit water management projects using our online Project Database:  
<http://cvalrwm.com/database>

← Link to Database

After accessing the Project Database, please click on "Sign Up" to create a new login. Our interactive database allows local project sponsors to log in and add, revise, and submit their project information, as well as view all other submitted projects.

**Proposition 1**

The California Department of Water Resources (DWR) has released draft guidelines for distribution of competitive grants under Proposition 1 available at <http://www.water.ca.gov/prop1>. Proposition 1 authorized \$100 million for the State's IRWM grant program. The Colorado River Funding Area - which includes the Imperial, Borego, and portions of Mojave IRWM regions, along with the newly formed San Geronimo region - will receive approximately \$22.5 million over the next few years. Funding awards will be competitive within the Funding Area, with the exception of the DAC Training Grant that was submitted jointly between the Imperial, Mojave, and Coachella Valley regions in January 2017.

All projects submitted as part of the upcoming Proposition 1 grant applications must be consistent with the Coachella Valley IRWM Plan - they must be in our online Project Database!

**WHAT TYPES OF ACTIVITIES ARE CONSIDERED?**

<p><b>Reduce Water Demand</b></p> <ul style="list-style-type: none"> <li>Agricultural Water Use Efficiency</li> <li>Urban Water Use Efficiency</li> </ul> <p><b>Improve Operational Efficiency &amp; Treaties</b></p> <ul style="list-style-type: none"> <li>Conservation</li> <li>System Reconfiguration</li> <li>Water Treaties</li> </ul> <p><b>Increase Water Supply</b></p> <ul style="list-style-type: none"> <li>Construction Management &amp; Grants-in-aid</li> <li>Construction - Reservoirs &amp; Reservoirs</li> <li>Permitting Enhancement</li> <li>Reclaimed Municipal Water</li> <li>Surface Storage - Canal</li> <li>Transfer Inland Management</li> </ul>	<p><b>Improve Water Quality</b></p> <ul style="list-style-type: none"> <li>Drinking Water Treatment &amp; Distribution</li> <li>Groundwater Aquifer Recharge</li> <li>Slackling Quality to Use</li> <li>Pollution Prevention</li> <li>Salt &amp; Salinity Management</li> <li>Other Basin Management</li> </ul> <p><b>Practice Resource Stewardship</b></p> <ul style="list-style-type: none"> <li>Agricultural Lands Stewardship</li> <li>Ecosystem Stewardship</li> <li>Evapotranspiration</li> <li>Flood Management</li> <li>Land Use Planning &amp; Management</li> <li>Recharge Areas Protection</li> </ul>
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# SWRP Database Demonstration

The screenshot shows the 'Coachella Valley IRWM Project Database' login and registration interface. On the left, there is a map of California with several location pins. The text reads: 'opti helps you locate, connect, share, and integrate the projects that affect our environment.' Below the map is a 'Contact Us' button. On the right, there are two main sections: 'Existing Users' and 'Sign up for opti'. The 'Existing Users' section has a 'Username / Email' field, a 'Password' field, and a 'Login' button, with a link for 'Forgot your password?'. The 'Sign up for opti' section has fields for 'First Name', 'Last Name', 'Email Address', 'Password', and 'Confirm Password', with a 'Register' button. A note at the bottom of this section states '\* All fields are required'. A red box highlights the registration and login forms. In the bottom right corner, there is a page number '39' and the Coachella Valley IRWM logo.

# SWRP Database Demonstration

The screenshot shows the main dashboard of the 'Coachella Valley IRWM Project Database'. The top navigation bar includes icons for Home, Projects, Search, Profile, and Logout. Below the navigation bar, there are two main panels: 'Announcements' on the left and 'Events' on the right. The 'Announcements' panel lists several projects, including 'Water Recycling Efficiency and Capacity Improvement Project' by Desert Water Agency, 'Mid Valley Pipeline Phase II' by Coachella Valley Water District, 'Ponce Park Surface Water Treatment Plant' by Inyo Water Authority, 'Fargo Canyon Spreading Facility' by Inyo Water Authority, 'Redondo Road Pipeline Replacement' by Desert Water Agency, and 'Well Pumps/In Plants 44 and 45 of the Palm Springs Main Well Field'. The 'Events' panel has a table with columns for 'Time', 'Location', and 'Event'. A 'Welcome to opti!' dialog box is open in the center, providing information about the system and membership. The dialog box includes a 'Close' button. In the bottom right corner, there is a page number '40' and the Coachella Valley IRWM logo.

# SWRP Database Demonstration

The screenshot shows the SWRP Database Dashboard. At the top right, navigation icons for Home, Projects, Search, Profile, and Logout are visible. A red circle highlights the 'Projects' icon. Below the navigation bar, there are two main sections: 'Assessments' and 'Events'. The 'Events' section contains a table with columns for Time, Location, and Event. Below these sections, there is a 'Recently Added / Updated Projects' list and a 'Map' section showing a geographical map with project markers. The bottom right corner features the 'CONTACT US' link and the 'POWERED BY FIMCO' logo.

41



# SWRP Database Demonstration

The screenshot shows the 'Personal Information' form in the SWRP Database. The form includes fields for Personal Information (First Name, Last Name, Title, Email) and Organization Information (Organization Name, Division / Dept, Organization Address, State, City, Zipcode, Web List). A red circle highlights the 'Become a Community Member' button at the bottom right of the form. The background shows a map and a sidebar with filters for project types and approval status. The bottom right corner features the 'CONTACT US' link and the 'POWERED BY FIMCO' logo.

42



# SWRP Database Demonstration

**Account Information**

**Membership Pending**

**Personal**

First Name \*      Last Name \*

Title      Phone \*

No Organization

**Organization**

Organization Name \*      Division / Dept

Organization Address \*      State \*

City \*      Zipcode \*

Web URL

\* Required fields to become a Community Member

Thank you. Your request has been sent to the Administrator. Please note that you cannot enter projects until your request is approved by the Administrator.

Save      Close      **Become a Community Member**

43



# SWRP Database Demonstration

**Add Project**

**Project Info**

Select the Program(s) for which you would like to enter your project (select IRWM, SWRP, or both):

Coachella Valley Integrated Regional Water Management Program: Any project that would like to be considered for IRWM funding should select this program. Projects must meet at least one IRWM Plan Objective, one Resource Management Strategy, one Statewide Objective, and must be technically feasible in order to be considered for inclusion in the Plan and to be considered for IRWM funding. For more information about the IRWM grant program visit the CVIRWM website.

Coachella Valley Storm Water Resource Plan: All storm water and dry weather runoff capture projects (e.g., Low Impact Development, Rainwater and storm water capture, storm water treatment facilities, and demonstration or pilot projects that are consistent with the eligibility requirements of Prop 1, Chapter 7) should select this program, regardless of whether they are seeking IRWM or Storm Water grant funding. Inclusion in the Storm Water Resource Plan is required for storm water and dry weather runoff capture projects seeking Proposition 1 funding. For more information about the Storm Water Grant Program (SWGP) visit the State Water Resources Control Boards website.

Projects that are not stormwater-related can skip the SWRP Eligibility and SWRP Benefits tabs (green). The Objectives, Strategies, and Feasibility tabs will be updated once the Prop 1, Round 1 under IRWM call for projects is active.

1. Project Title: \*

**Project Contact**

Eligible grant recipients include local public agencies, non-profit organizations, and tribal governments.

2. Name: \*

3. Title: \*

4. Agency/Organization: \*

5-1. Address 1: \*

5-2. Address 2: \*

Save      Submit      \* Minimum Required Information for Project Submission

44





# SWRP Database Demonstration

This screenshot shows the 'Add Project' form in the SWRP Database. The form is divided into several sections: 'Description' (with tabs for Objectives, Strategies, Feasibility, SWRP Eligibility, and SWRP Benefits), 'Project Location', 'Project Website', and 'Project Partners'. The 'Project Location' section includes fields for address (S-1, S-2), city, state, zip code, phone, and email, along with a checkbox for sharing contact information. It also features a map on the left and a 'Describe Project Location' text area. Below this are checkboxes for 'Project Acreage' and 'Regional Project', and fields for latitude and longitude. The 'Project Website' section has a URL field. The 'Project Partners' section has a checkbox for listing partners. A 'Save' button and a 'Submit' button (marked as required) are at the bottom. On the right, a sidebar shows filters for 'Primary Functional Area' (Water Supply, Water, Quality/Stormwater, Wastewater, Flood Control, Natural Resources and Watersheds, Other) and 'Filter by Type'/'Filter by Approval'. The slide number '45' and the 'CONCRETE VALLEY PARTNERS' logo are in the bottom right.

# SWRP Database Demonstration

This screenshot shows the 'Add Project' form in the SWRP Database, specifically the 'Project Partners' and 'Project Need' sections. The 'Project Partners' section includes a checkbox for listing partners and a text area for their names. The 'Project Need' section has a large text area for describing the project need. Below this is the 'Project Type' section, which includes a dropdown for 'Primary Functional Area' and a text field for 'Other'. At the bottom, there is a dropdown for 'Primary Project Type'. The 'Save' and 'Submit' buttons are visible. The right sidebar and bottom right corner (slide number '46' and logo) are consistent with the previous slide.

# SWRP Database Demonstration

This screenshot shows the 'Add Project' form in the SWRP Database. The form is divided into several sections: 'Project Type' with dropdowns for '16-1. Primary Functional Area' and '17. Primary Project Type'; 'Primary Water Management Strategy' with a dropdown for '18. Select'; 'Project Description' with a text area for '19. Project Summary (2-3 sentences)\*' and another for '20. Project Description (2-3 paragraphs)\*'. At the bottom, there are 'Save' and 'Submit' buttons, with a note: '\* Minimum Required Information for Project Submission'. The interface includes a map on the left, a sidebar with filters on the right, and a top navigation bar with tabs for 'Description', 'Objectives', 'Strategies', 'Feasibility', 'SWRP Eligibility', and 'SWRP Benefits'. The slide number '47' is in the bottom right corner.

# SWRP Database Demonstration

This screenshot shows the 'Add Project' form in the SWRP Database, focusing on the 'Project Description' section. The '20. Project Description (2-3 paragraphs)\*' text area is prominent. Below it are three checkboxes: '21. Identify Linkages with Other Projects:', '22. Local/Regional Plans Which List the Project:', and '23. Creates New Water:'. A section titled 'Readiness to Proceed (IRWM Projects Only)' contains the text: 'Applicable to IRWM projects. To be updated on Round 1 or Prop 1 is active.' At the bottom, there are 'Save' and 'Submit' buttons, with a note: '\* Minimum Required Information for Project Submission'. The interface includes a map on the left, a sidebar with filters on the right, and a top navigation bar with tabs for 'Description', 'Objectives', 'Strategies', 'Feasibility', 'SWRP Eligibility', and 'SWRP Benefits'. The slide number '48' is in the bottom right corner.

# SWRP Database Demonstration

**Readiness to Proceed (IRWM Projects Only)**  
**Applicable to IRWM projects. To be updated on Round 1 or Prop 1 is active.**  
 24. Ready to be Considered for Prop 84 Implementation Grant? Projects must yield multiple benefits for water supply, wastewater, flood control, stormwater, and/or natural resources and watersheds.  
 Does your project have grant funding available?  Yes  No  
 Will your project be ready to proceed in 2016?

**Describe How Project Directly Addresses Issues.**  
 The State of California defines a DAC as a community with an annual median household income (MHI) that is less than 80% of the Statewide MHI. Using the 2010 U.S. Census American Community Survey data, 80% of the statewide annual MHI is \$48,706. Refer to the DAC Map [Click Here] of the 2014 IRWM Plan to see if your project is in a designated DAC area.

25. Does the project provide direct water-related benefits to a disadvantaged community? Projects directly provide water-related benefits to disadvantaged communities if they directly address specific water-related needs of a disadvantaged community. If checked, please describe how your project provides direct water-related benefits to a disadvantaged community.

26. Does the project effectively address long-term drought preparedness? If checked, please explain how the project provides at least one of the following drought-related benefits: 1) promote water conservation, conjunctive use, reuse, and recycling; 2) improve landscape and agricultural irrigation efficiencies; 3) achieve long-term reduction of water use; 4) provide efficient groundwater basin management; 5) establish system interties.

27. Does the project have quantifiable benefits? All construction projects must have two (2) benefits that can be physically quantified. Examples of project benefits include: amount of water produced, recycled, or saved, acres of habitat restored, types and amount of water quality improvement provided, area of floodplain managed, etc.

**Project Budget**

28. Estimated Project Cost (Required for IRWM projects):

29. Amount of Grant Funds Requested (Required for IRWM projects):

Note: 25% local cost share required by Prop 84; a funding match waiver may be available for projects that directly benefit disadvantaged communities.

**SWRP Benefits**

Water Supply  
 Water Quality/Stormwater  
 Wastewater  
 Flood Control  
 Natural Resources and Watersheds  
 Other

**Filter By Approval**

49

# SWRP Database Demonstration

**Project Budget**

28. Estimated Project Cost (Required for IRWM projects):

29. Amount of Grant Funds Requested (Required for IRWM projects):

Note: 25% local cost share required by Prop 84; a funding match waiver may be available for projects that directly benefit disadvantaged communities.

**SWRP Benefits**

Water Supply  
 Water Quality/Stormwater  
 Wastewater  
 Flood Control  
 Natural Resources and Watersheds  
 Other

**Filter By Approval**

50

# SWRP Database Demonstration

**Objectives**

Select all that apply. Provide a one sentence description of how the project meets the objective.

- Objective A: Provide reliable water supply for residential and commercial, agricultural community, and tourism needs
- Objective B: Manage groundwater levels to manage and reduce overdraft, manage perched water, and minimize subsidence
- Objective C: Secure reliable imported water supply, including restoring/improving reliability of State Water Project supply and securing other imported water supplies
- Objective D: Maximize local supply opportunities, including water conservation, water recycling and source substitution, and capture and infiltration of runoff
- Objective E: Protect groundwater quality and improve, where feasible
- Objective F: Preserve and improve surface water quality by maintaining integrity of agricultural drainage systems, protecting the quality of natural runoff used for potable supply, and reducing pollution in stormwater runoff
- Objective G: Preserve local environment and restore, where feasible
- Objective H: Manage flood risks, including current acute needs and needs for future development
- Objective I: Optimize conjunctive use of available water resources.
- Objective J: Maximize stakeholder involvement and stewardship in water resource management

51

# SWRP Database Demonstration

**Strategies**

Select all that apply. Provide a one sentence description of how project employs resource management strategy.

- Agricultural Lands Stewardship**  
Promoting continued agricultural use of lands, strategies to reduce pollutants from agricultural lands, and strategies to maintain and create wetlands and wildlife habitat within agricultural lands.
- Agricultural Water Use Efficiency**  
Increasing water use efficiency and achieving reductions in the amount of water used for agricultural irrigation. Includes incentives, public education, and other efficiency-enhancing programs.
- Conjunctive Management & Groundwater**  
Using and managing groundwater supplies to ensure sustainable groundwater yields while maintaining groundwater-dependent beneficial uses. Includes coordinating management of groundwater and surface water supplies to enhance reliability.
- Conveyance - Delta**  
Maintaining, optimizing use of, and increasing the reliability of conveyance facilities associated with the Bay-Delta. Included within this strategy is Bay-Delta restoration efforts.
- Conveyance - Regional/Local**  
Maintaining, optimizing use of, and increasing the reliability of regional treated and untreated water conveyance facilities. Included within this strategy is maintaining the ability to obtain and convey imported water supplies into the Region.
- Desalination**  
Municipal water treatment for the removal of salt from water for beneficial uses. Includes disposal of waste brine.
- Drinking Water Treatment and Distribution**  
Improving the quality of the potable supply delivered to potable water customers by increasing the degree of potable water treatment. Strategy also may include conveyance system improvements that improve the quality of supply delivered to treatment facilities.
- Economic Incentives (Loans, Grants and Water Pricing)**  
Implementing economic incentives (e.g. loans, grants, water pricing) to promote resource preservation or enhancement.
- Ecosystem Restoration**

52

# SWRP Database Demonstration

The screenshot shows the 'Add Project' form in the SWRP Database. The 'Stakeholder Outreach and Involvement' section is active, containing three numbered steps: 1. Describe Public Outreach and Involvement Methods, 2. Elaborate on Outreach Methods Used to Reach Disadvantaged Communities, and 3. Upload Project Photos and Maps. Below these steps is a table for project photos/maps with columns for File Name, Description, and Type. The 'Environmental Compliance' section is also visible, with step 4: List Regulatory Permit(s). The interface includes a map on the left, a sidebar with filters on the right, and a 'Submit' button at the bottom.



53

# SWRP Database Demonstration

The screenshot shows the 'Add Project' form in the SWRP Database. The 'SWRP Project Submission Instructions' section is active, providing detailed information about the grant and submission requirements. It includes a paragraph about the 2017 grant and a list of eligibility criteria. The 'Project Eligibility' section asks if the project can be sponsored by an eligible applicant, if it is a storm water or dry weather runoff project, and if it meets 2 or more of the following SWRP main benefit(s): Water Quality, Water Supply, Flood Management, Environmental, Community, and Public education. The interface includes a map on the left, a sidebar with filters on the right, and a 'Submit' button at the bottom.



54

# SWRP Database Demonstration

**SWRP Database Demonstration - Slide 55**

**SWRP Eligibility**

Does the project provide at least one of the following SWRP Additional Benefits?  No  Yes

- Water Quality - Nonpoint source pollution control
- Water Quality - Reestablished natural water drainage and treatment
- Water Supply - Water conservation
- Flood Management - Reduced sanitary sewer overflows
- Environmental - Reduced energy use, greenhouse gas emissions, or provides a carbon sink
- Environmental - Reestablishment of natural hydrograph
- Environmental - Water temperature improvements
- Community - Community involvement
- Community - Enhance and/or create recreational and public use areas

Is the project one of the following project types?  No  Yes

- Planning project
- Implementation project at conceptual stage
- Implementation project

What is the CEQA/Environmental Documentation and Permitting Status? (check one):

**Coachella Valley Regional Watershed Priorities**

Coachella Valley Stormwater Channel Bacterial Indicators TMDL

Does the project reduce pollutant discharges into a 303(d) listed Impaired Water Body?  No  Yes

**Save | Submit | \* Minimum Required Information for Project Submission**

# SWRP Database Demonstration

**SWRP Database Demonstration - Slide 56**

**Progress Towards Project Implementation**

Is the project supported by entities that have created permanent, local or regional funding?  No  Yes

Is the project located on public land?  No  Yes

If not, does the project have an easement or right of way agreement with a local land owner?  No  Yes

**Save | Submit | \* Minimum Required Information for Project Submission**

# SWRP Database Demonstration

**Water Quality Benefits**

Does the project provide any of the following benefits (check all that apply and provide applicable quantitative estimate, if available):

- Increased filtration and/or treatment of runoff (SWRP Main Benefit)

Average annual pollutant load reduction:

TSS (lb/yr)

Mercury (lb/yr)

Dissolved (lb/yr)

Chlorophyll (lb/yr)

Selenium (lb/yr)

Durum (lb/yr)

bacteria - fecal col. / E. coli (MPN/yr)

pyrethroids (lb/yr)

trash (lb/yr)

Other constituent

Total nitrogen (lb/yr)

Volume of water treated (mgd)

Volume of runoff infiltrated (ac/year)

Other quantitative metric

- Nonpoint source pollution control (SWRP Additional Benefit)
- Reestablished natural water drainage and treatment (SWRP Additional Benefit)

Provide quantitative metric

Provide quantitative metric

Provide quantitative metric

Save Submit \* Minimum Required Information for Project Submission

57



# SWRP Database Demonstration

Volume of runoff infiltrated (ac/year)

Other quantitative metric

- Nonpoint source pollution control (SWRP Additional Benefit)
- Reestablished natural water drainage and treatment (SWRP Additional Benefit)
- Treat more than one pollutant

List pollutants

Describe how the project will achieve these benefits.

(1000 characters remaining)

Describe the method or study used to quantify the benefits described above.

(1000 characters remaining)

**Water Supply Benefits**

Does the project provide any of the following benefits (check all that apply and provide applicable quantitative estimate, if available):

- Increased infiltration and/or treatment of runoff (SWRP Main Benefit)

Save Submit \* Minimum Required Information for Project Submission

58



# SWRP Database Demonstration

**Water Supply Benefits**

Does the project provide any of the following benefits (check all that apply and provide applicable quantitative estimate, if available):

- Water supply reliability (SWRP Main Benefit)
  - Increase in water supply through direct groundwater recharge (af/year)
  - Increase in water supply through direct use (af/year)
  - Other quantitative metric:
- Conjunctive use (SWRP Main Benefit)
  - Increase in water supply through in lieu recharge/conjunctive use (af/year)
  - Other quantitative metric:
- Water conservation (SWRP Additional Benefit)
  - Reduction in water use (af/year)
  - Other quantitative metric:

Describe how the project will achieve these benefits.  
(1000 characters remaining)

Describe the method or study used to quantify the benefits described above.  
(1000 characters remaining)

**Primary Functional Area**

- Water Supply
- Water Quality/Stormwater
- Wastewater
- Flood Control
- Natural Resources and Watersheds
- Other

Filter by Type  
Filter by Approval

59

# SWRP Database Demonstration

**Flood Management Benefits**

Does the project provide any of the following benefits (check all that apply and provide applicable quantitative estimate, if available):

- Decreased flood risk by reducing runoff rate and/or volume (SWRP Main Benefit)
  - Reduction in peak flow discharge (cfs)
  - Reduction in volume of potential flood water (af/year)
  - Other quantitative metric:
- Reduced sanitary sewer overflows (SWRP Additional Benefit)
  - Reduction in sewer overflow volumes (af/year)
  - Other quantitative metric:

Describe how the project will achieve these benefits.  
(1000 characters remaining)

Describe the method or study used to quantify the benefits described above.  
(1000 characters remaining)

**Environmental Benefits**

**Primary Functional Area**

- Water Supply
- Water Quality/Stormwater
- Wastewater
- Flood Control
- Natural Resources and Watersheds
- Other

Filter by Type  
Filter by Approval

60



# SWRP Database Demonstration

**Environmental Benefits**

Does the project provide any of the following benefits (check all that apply and provide applicable quantitative estimates, if available):

- Environmental habitat protection and improvement, including wetland enhancement/creation, riparian enhancement, and/or in-stream flow improvement (SWRP Main Benefit)  
Size of habitat protected or improved (acres)   
Amount of in-stream flow rate improvement (cfs)   
Other quantitative metric:
- Increased urban green space (SWRP Main Benefit)  
Size of increase in urban green space (acres)   
Other quantitative metric:
- Reduced energy use, greenhouse gas emissions, or provides a carbon sink (SWRP Additional Benefit)  
Amount of energy consumption reduced (KWH/year)   
Amount of GHG emissions reduced (tons/year)   
Other quantitative metric:
- Reestablishment of natural hydrograph (SWRP Additional Benefit)  
Provide quantitative metric:
- Water temperature improvements (SWRP Additional Benefit)  
Amount of temperature improvement (degrees F)

Describe how the project will achieve these benefits.

**Primary Functional Area**

- Water Supply
- Water Quality/Stormwater
- Wastewater
- Flood Control
- Natural Resources and Watersheds
- Other

Filter By Type  
Filter By Approval

61

# SWRP Database Demonstration

Describe how the project will achieve these benefits.

(1000 characters remaining)

Describe the method or study used to quantify the benefits described above.

(1000 characters remaining)

**Community Benefits**

Does the project provide any of the following benefits (check all that apply and provide applicable quantitative estimates, if available):

- Employment opportunities provided (SWRP Main Benefit)  
Number of employment opportunities provided   
Other quantitative metric:
- Public education (SWRP Main Benefit)  
Number of outreach materials provided or events conducted   
Other quantitative metric:
- Community involvement (SWRP Additional Benefit)  
Number of participants per year   
Other quantitative metric:

62

# SWRP Database Demonstration

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63

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***Thank You For Attending!***