

The meeting teleconference will begin shortly

Listen to the meeting by using your computer or tablet speakers or by calling (877) 853-5247 using meeting ID 831-7559-3663

View the live meeting presentation at https://us04web.zoom.us/j/684456030
PASSCODE: 3802020

Public comments, suggestions or questions regarding technical issues may be emailed to comments@sbvmwd.com



Please use the chat feature in the Zoom toolbar to let the moderator know that you would like to make a comment during the meeting or use the digital "raise hand" # function in Zoom.



Please mute your microphone during the meeting to reduce background noise. Click on the microphone icon to unmute your microphone if needed.



Call to Order

Board of Directors Workshop - Policy Thursday, June 10, 2021

Chairperson – Director Botello



NOTICE REGARDING (COVID-19)

Before public comments are considered, the record will reflect that pursuant to the provisions of Executive Order N-29-20 issued by Governor Gavin Newsom on March 19, 2020, this meeting will be conducted by teleconference only.



Introductions

Following the introduction of Directors and District staff, participants may use this time to state their name and agency/affiliation in order to be included in the formal record of attendees.



Public Comment

Any person may address the Board on matters within its jurisdiction.

 Please use the chat feature on the Zoom toolbar or digitally raise your hand to let the moderator know you would like to make a comment.



Summary of Previous Meeting (Pg. 3)

Board of Directors Workshop - Policy - May 13, 2021



Discussion Item 4.1

Pg. 10)

Kristeen Farlow, MPA – External Affairs Manager

State and Federal Legislative Update

Staff Recommendation

Receive and file



State Legislative Update

- Budget
 - Overview
 - Timeline
- Ratepayer relief
- Brown ActMeetings



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Bills of Interest

- Public Meetings
 - AB 339 (Lee, Garcia): Open, public meetings
 - •AB 361 (Rivas): Open meetings, teleconferences.
 - SB 222 (Dodd): Water Affordability Assistance Program
 - SB 559 (Hurtado): Canal Capacity Restoration Fund





Bills of Interest

Transitioned to Two-Year Bills

- AB 377 (Rivas): Water quality
- AB 703 (Rubio): Open Meetings
- AB 1434 (Friedman): Urban water use objectives
- SB 223 (Dodd): Discontinuation of residential water service

Other Bills NOT

moving forward:

- •AB 1500 (Garcia, Mullin): Bond
- SB 45 (Portantino): Bond



Federal Legislative Update

Infrastructure Package Update

- The White House and Senate Republicans were unsuccessful in crafting an agreement
- Don't expect the legislation to make it through the House and Senate by the July 4 deadline



Federal Legislative Update (cont.)

Drinking Water Funding for the Future Act

- Would authorize \$11.6
 billion for federal and state
 drinking water programs
- \$9.5 billion for the state drinking water revolving loan fund and rural and tribal areas

H.R. 32 I 8 Wastewater Infrastructure Improvement Act

- Would authorize \$14 billion for the Clean Water State Revolving Fund
- The Senate bill would authorize
 \$35 billion for both drinking
 water and wastewater
 infrastructure projects

Federal Legislative Update (cont.)

S. 914 — Drinking Water and Wastewater Infrastructure Act of 2021

- Authorizes more than \$35 billion for water resource development projects
- Focus on upgrading aging infrastructure, addressing the threat of climate change, investing in new technologies, and aiding marginalized communities
- Passed the Senate on April 29, 2021, by a vote of 89-2

Federal Legislative Update (cont.)

H.R. 3267: Protecting Drinking Water from PFAS Act

- Amends the Safe Drinking Water Act to require publishing a maximum contaminant level (MCL) goal
- Publishes a national primary drinking water regulation for total per- and polyfluoroalkyl substances (PFAS)
- Introduced on May 17, 2021, and referred to House Committee on Energy and Commerce



Director Comments and Discussion



Paul Kielhold President



June Hayes Vice President



T. Milford Harrison Treasurer



Gil J. BotelloDirector



Susan Longville Director

Staff Recommendation

Receive and file



Discussion Item 4.2 (Pg. 52)

Kristeen Farlow, MPA – External Affairs Manager

Consider Contract Renewal for Social Media Program

Staff Recommendation

Direct Staff to bring a consulting services agreement with RMG Communications for the Social Media Program to a future Board meeting for consideration.



Background

- •Enhance communication with community, stakeholders, and water retailers.
- Goals
 - Inform and educate
 - Share content
 - Open up two-way communication





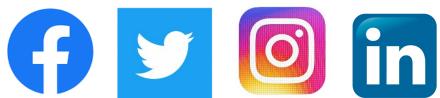
Channels

- •Facebook and Twitter (2019)
- Expanded to Instagram and YouTube in 2020, and LinkedIn in 2021

Award from the Public Relations Society of America















Success Snapshot: Facebook

- 191% Increase in Followers and177% Increase in Page Likes
- Top Posts: Emergency Preparedness,
 California Friendly Gardens,
 Landscape Workshops, and the State
 Water Project





Success Snapshot: Twitter

- ■34% increase in Followers
- Average 3,531 impressions/mo.



Feb 2021 · 28 days

Top Tweet earned 707 impressions

Planning for our Future: Valley District diligently pursues additional local surface water supplies to increase water supply reliability for our retailers that serve a population of nearly 700k in our region.

allevDistrict #cawater :.twitter.com/XsHof61hi8



Top mention earned 161 engagements



Jeff Mosher @Jeff4water · Feb 9

I'm eager to work with the SAWPA member agencies (@OCWDWaterNews @IEUAwater @EasternMuni @SBVMWD @BeingWaterWise) and the excellent SAWPA staff in improving water reliability and and protecting water resources in the Santa Ana Watershed through collaboration and innovation!

twitter.com/SAWPA_OWOW/sta...

◆ 12 **13** 1 ♥ 48

View Tweet

Top media Tweet earned 264 impressions

Success Snapshot: Instagram

- Launched in Aug. 2020
- 327 followers























108 255 Posts Followers Fol

175 Following

San Bernardino Valley MWD

CA State Water Contractor

#SBVMWDVideos

linktr.ee/sbvmwd

380 East Vanderbilt Way, San Bernardino, California Followed by ashleyringger, degravepr and 3 others

Following ~

Message

Contact









 \blacksquare

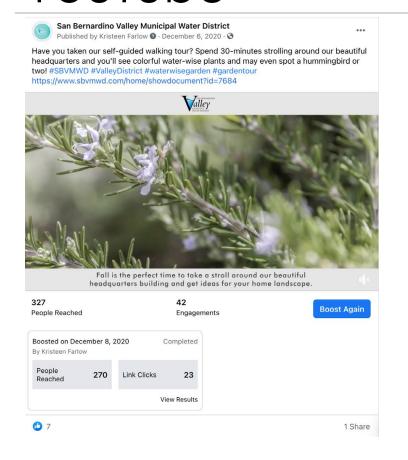


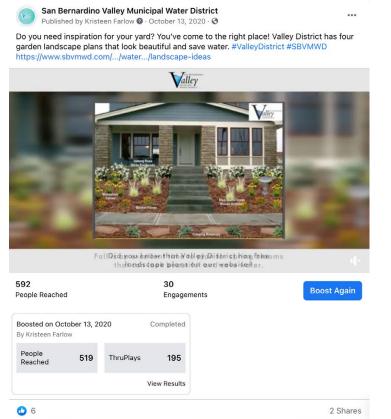






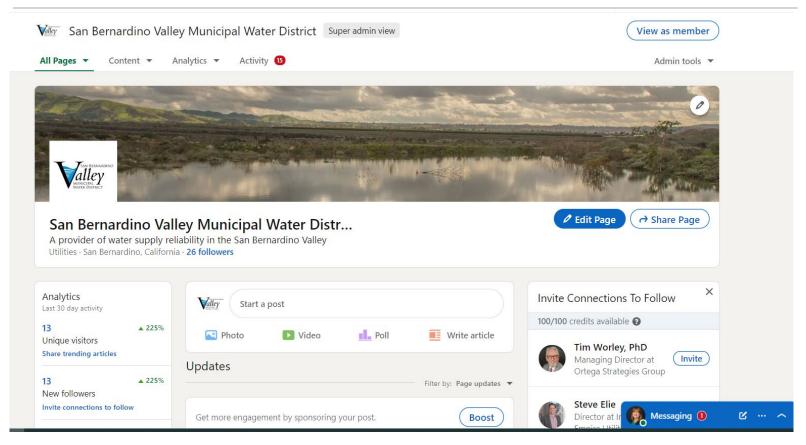
Success Snapshot: YouTube







Success Snapshot: LinkedIn





Looking Ahead

Curate original content across all platforms

- Increase direct engagement with audiences
- Explore further ads and content boosting to achieve increased engagement





Director Comments and Discussion



Paul Kielhold President



June Hayes Vice President



T. Milford Harrison Treasurer



Gil J.
Botello
Director



Susan Longville Director

Staff Recommendation

Direct Staff to bring a consulting services agreement with RMG Communications for the Social Media Program to a future Board meeting for consideration.



Discussion Item 4.3 (Pg. 79)

Bob Tincher PE, MS – Chief Water Resources Officer/Deputy GM **Adekunle Ojo, MPA** – Manager of Water Resources **Matthew E. Howard, MS** – Water Resources Senior Project Manager

Consider the Draft 2020 Upper Santa Ana River Watershed Integrated Regional Urban Water Management Plan (IRUWMP) and the Regional Water Shortage Contingency Plan (WSCP) prior to public hearing and adoption on June 15

Staff Recommendation

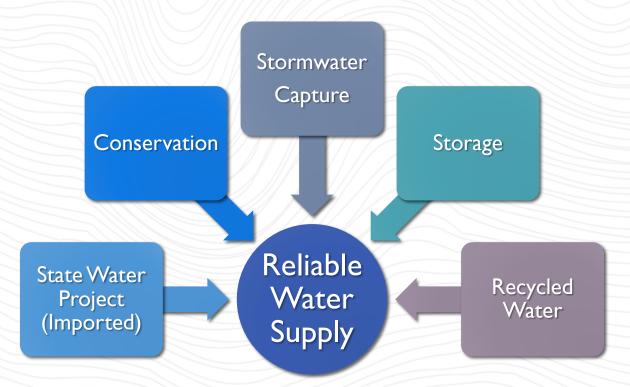
That the Board of Directors hold a public hearing on June 15 to adopt the 2020 Upper Santa Ana River Watershed Integrated Regional Urban Water Management Plan (IRUWMP) and the Valley District's Water Shortage Contingency Plan (WSCP).

Draft UPPER SANTA ANA RIVER WATERSHED

INTEGRATED REGIONAL URBAN WATER MANAGEMENT PLAN



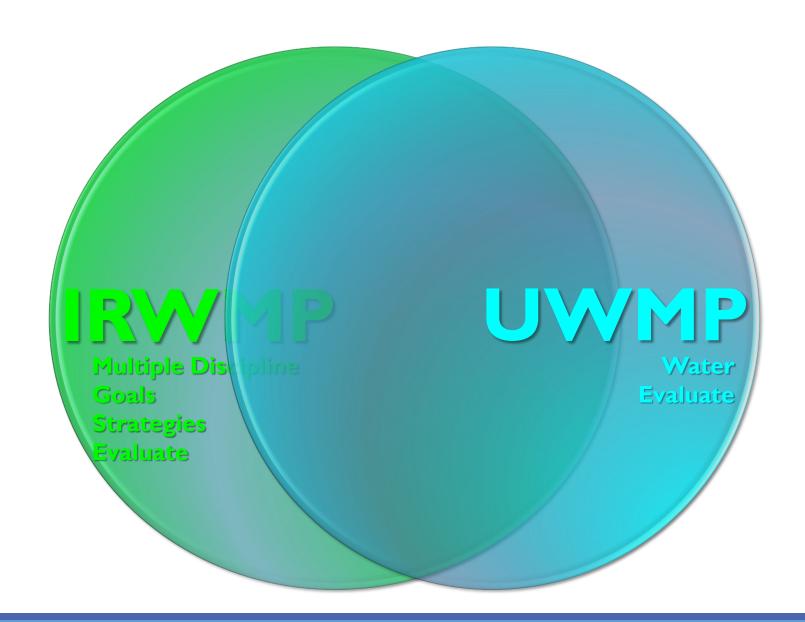


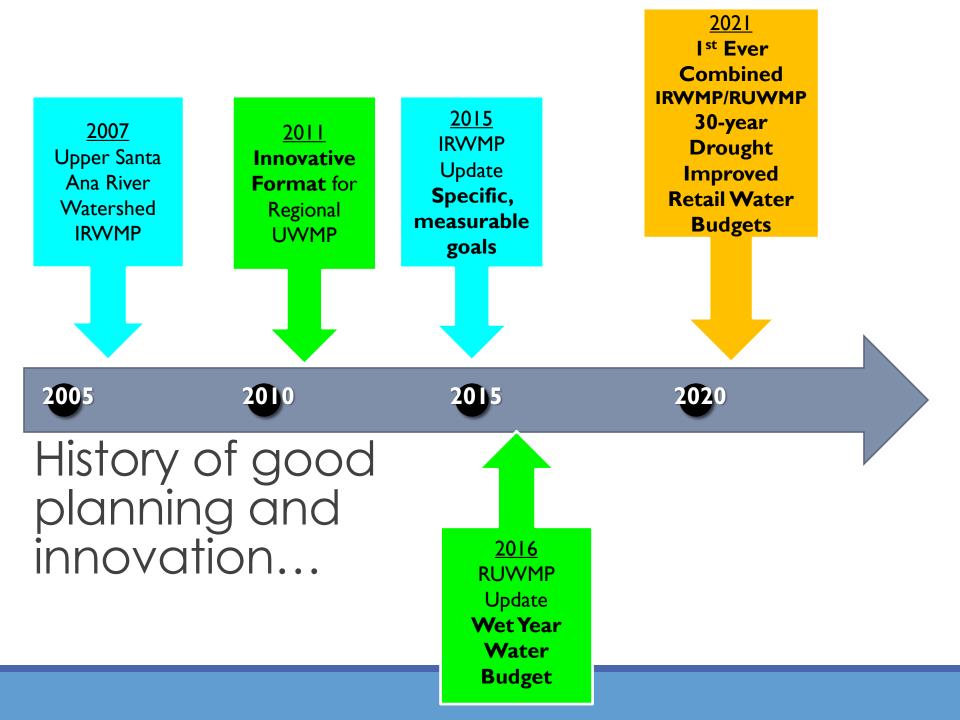




How can we be sure we have a reliable supply?

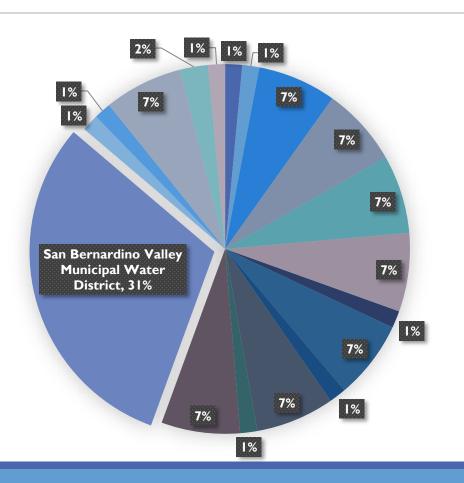






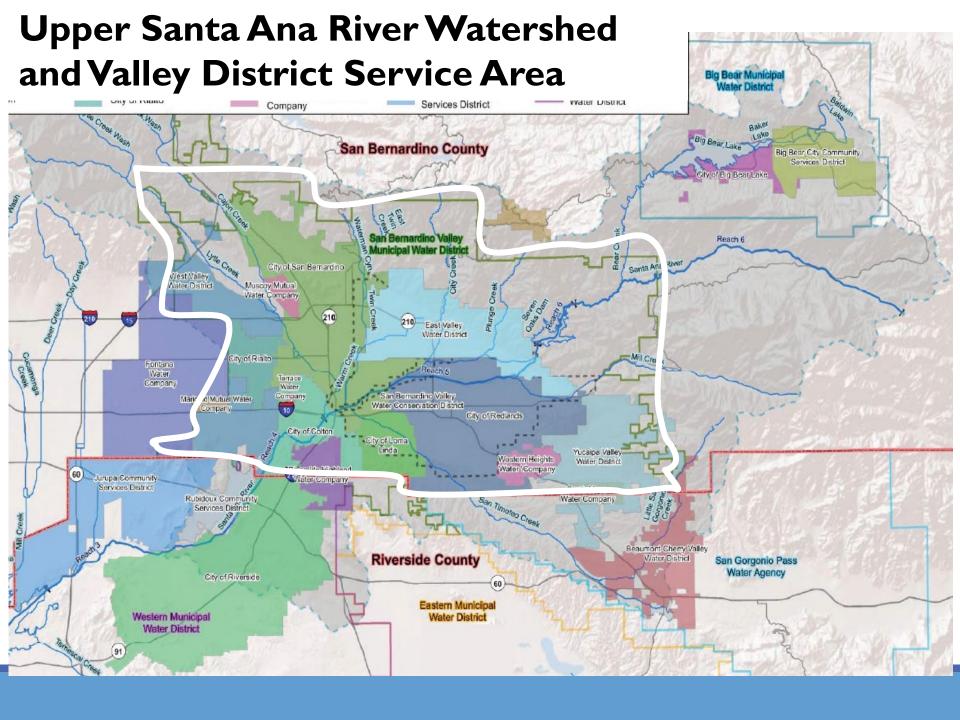


Team Effort



■ Big Bear Lake Department of Water and Power ■ Big Bear City Community Services District ■ City of Colton ■ City of Loma Linda ■ City of Redlands ■ City of Rialto ■ City of Riverside Public Utilities Department ■ East Valley Water District ■ Fontana Union Water Company ■ Riverside-Highland Water Company ■ San Bernardino County Flood Control District ■San Bernardino Municipal Water Department ■San Bernardino Valley Municipal Water District ■ San Bernardino Valley Water Conservation District San Gorgonio Pass Water Agency ■West Valley Water District ■ Yucaipa Valley Water District

■ South Mesa Water Company



2020 IRUWMP

Plan Components

For Adoption by Valley District:

- Part 1
- Part 2, Chapter 1

- Part 3
- Part 4, Appendix A

Part 1: Regional Context

- 1 Introduction
- 2 Region Description
- 3 Regional Water Sources and Management
- 4 Regional Water Use
- 5 Comparison of Regional Supplies and Demands
- 6 Water Management Goals, Objectives, and Strategies
- 7 Projects
- 8 Implementation, Performance and Adaptive Management

Part 2: Individual Agency UWMPs

- San Bernardino Valley Municipal Water District
- 2 City of Colton
- 3 City of Loma Linda
- 4 City of Redlands
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- 7 Riverside Highland Water Company
- 8 San Bernardino Municipal Water Department
- 9 South Mesa Water Company
- 10 West Valley Water District
- 11 Yucaipa Valley Water District

Part 3: Regional Supporting Information

Regional supporting documentation referenced in Part 1, including:

- •Agreements
- Project List

Part 4: Local Agency Supporting Information

- A San Bernardino Valley Municipal Water District
- **B** City of Colton
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- J West Valley Water District
- K Yucaipa Valley Water District

Quantify Need

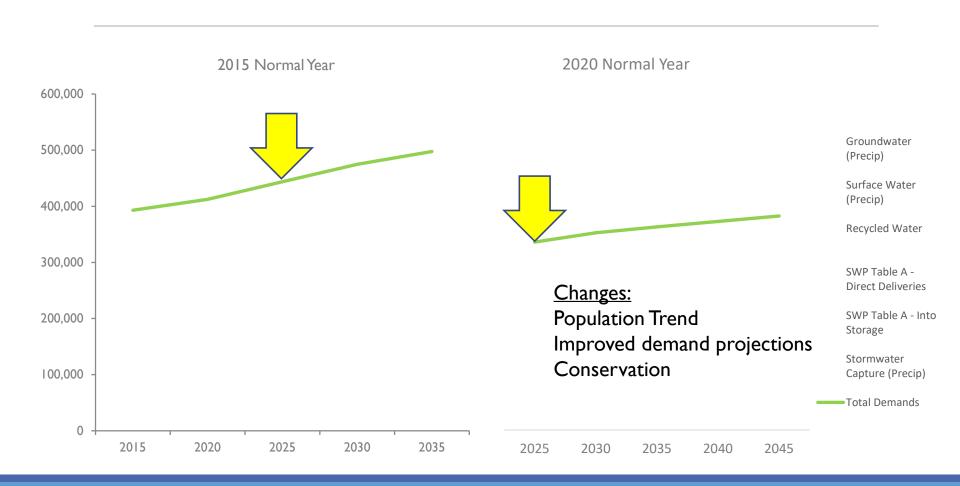
Evaluate Effectiveness

Develop Strategies

Implement Strategies



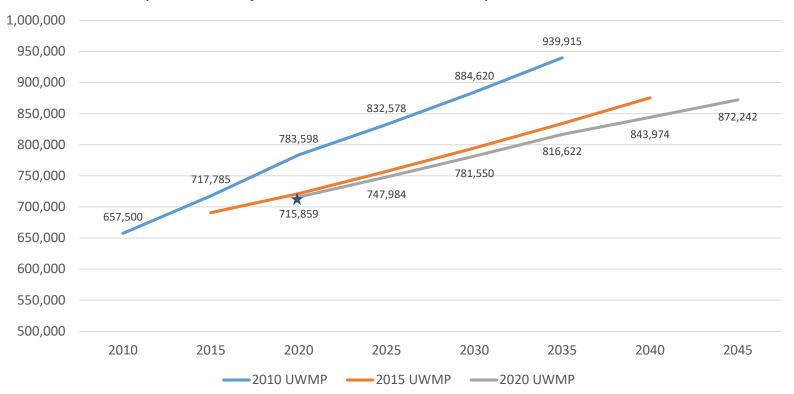
Quantifying the Need





Change in Population Trend

Population Projection Trends for the Valley District Service Area





Demand Projections Improving

for agencies with data in 2010 and 2015 RUWMP

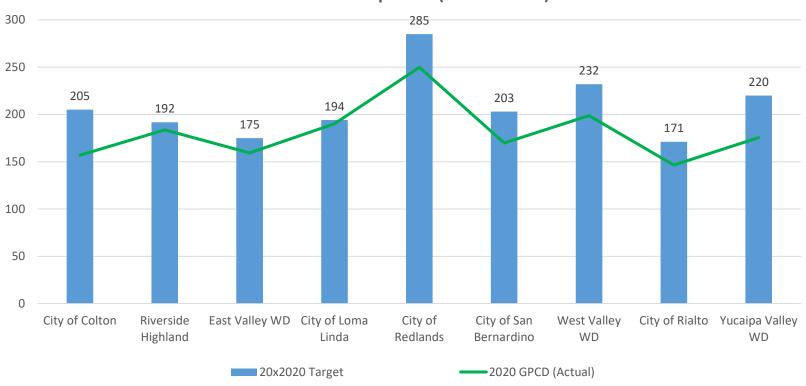
2010 RUWMP Demand Projections vs. Actual Demand





Per Capita Use is Lower

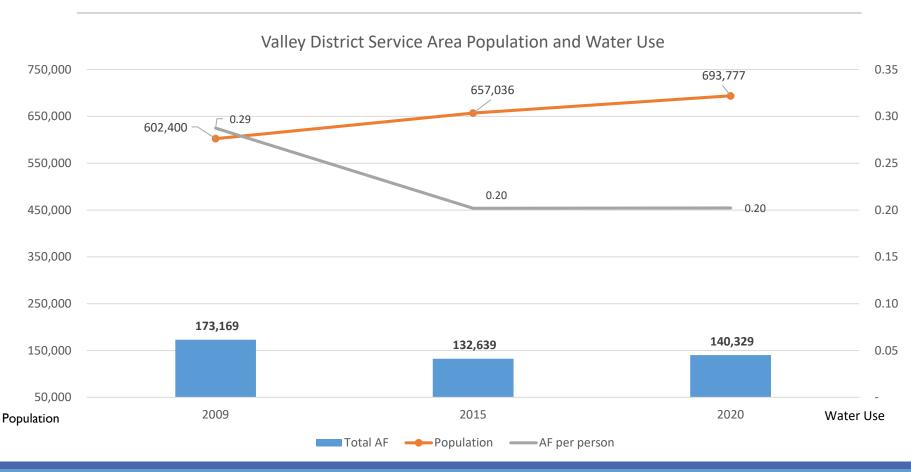
20x2020 Compliance (2010 to 2020)



- Compliance (2020 Target, 209): Average GPCD reduced from a baseline of 260 in 2010 to 181 in 2020, beating
 the target by 28 gallons
- Savings: 7 billion gallons of water (21,759 AF) each year compared to baseline



Demand Going Down While Population Goes Up



Quantify Need

Evaluate Effectiveness

Develop Strategies

Implement Strategies



Updated Goals for the Next 5 Years



Goal #1:

Improve Water Supply Reliability

Goal #3:

Improve Water Quality

Goal #2:

Balance Flood Management and Increase Stormwater Recharge

Goal #4:

Improve Habitat and Open Space

Goal #5:

Address Climate Change through Adaptation and Mitigation



Regional Goals and Objectives – Next 5 Years



- 1a: Comply with conservation legislation requirements (AB1668 and SB606)
- 1b: Increase utilization of local supplies by 20,000 AFY
- 1c: Implement the Santa Ana River Conservation and Conjunctive Use Program (SARCCUP) to increase storage in the SBB by 64,000 AF
- 1d: Improve system resiliency and the ability to respond to emergency supply interruptions by increasing back-up facilities, increasing interties, adding redundant power sources and treatment facilities
- 1e: Continue to ensure equitable access to clean drinking water for all communities
- 1f: Complete groundwater management plans for the San Bernardino, Rialto-Colton and Yucaipa Basins



BALANCE FLOOD MANAGEMENT AND

INCREASE STORMWATER RECHARGE

2a: Complete necessary agreements to use flood control retention/detention basins for recharge in the San Bernardino, Rialto-Colton and Yucaipa Basins when not needed for flood control

GOAL #2

- 2b: Implement 20 acres of integrated flood projects that also provide multiple benefits, where possible
- 2c: Continue to ensure equivalent implementation of flood projects in DAC areas and implement at least 1 flood control project in a DAC area
- 2d: Identify 4 urban stormwater capture projects to increase recharge and improve surface water quality



Regional Goals and Objectives – Next 5 Years



3a: Ensure no violations of drinking water quality standards

3b: Proactively address new constituents of concern as MCLs are developed

3c: Manage total dissolved solids and nitrogen in groundwater



4a: Preserve or improve habitat by conserving or restoring 150 acres of riparian, wetland and permanent water areas by implementing projects in the Wash HCP and River HCP.

4b: Identify "multi-use" opportunities to increase recreation and public access and identify 4 multi-use projects



Updated Regional Goal and Objectives – Next 5 Years



GOAL #5

ADDRESS CLIMATE CHANGE THROUGH ADAPTATION AND MITIGATION

5a: Implement local supply and flood control projects to help offset the impacts of climate change

5b: Implement 4 projects to reduce or offset energy consumption or reduce GHG emissions associated with water and wastewater systems

5c: Complete the SBVMWD Climate Adaptation and Resilience Plan (CARP)

Quantify Need

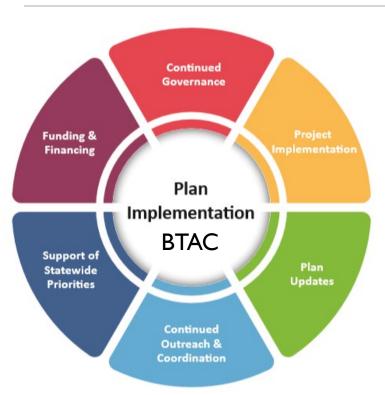
Evaluate Effectiveness

Develop Strategies

Implement Strategies







Basin Technical Advisory Committee

Mailing Address: 380 East Vanderbilt Way San Bernardino, CA 92408

2021 Regional Water Management Plan

December 2020

Progress Over the Last 5 Years





GOAL #1 **IMPROVE WATER** SUPPLY RELIABILITY

2015 REPORT CARD

COMPLETED PROJECTS/PROGRAMS

1a: Reduce demand 20% by 2020



All retailers met 2020 targets by 2015

1b: Increase utilization of local supplies by 23,000 AFY



- · Enhanced Recharge Project has increased the amount of stormwater recharged
- · YVWD's Wilson Creek Basin's recycled water recharge project has increased the amount of recycled water recharged

1c: Increase storage by 10,000 AF



- · Enhanced Recharge 1B has increased the amount diverted from the SAR Diversion.
- Approximately 78,000 AF of SWP water was recharged in 2019 which also increased groundwater storage.
- · SBVMWD plans to increase groundwater storage in the SBBby 64,000 AF under SARCCUP, though the program has not yet received approval by local water agencies.

1d: Prepare for disasters by implementing 2 new interties between water agencies



- · Five new interties between water systems were constructed (between City of Colton and City of Rialto, City of Redlands and Western Heights Water District, City of Redlands and City of Loma Linda, BBLDWP and Big Bear City Community Services District, SBMWD and Devore Water Company)
- · SBMWD completed seismic upgrades for four steel reservoirs (College, Cajon, Ridgeline, and Terrace No. 2 Reservoirs) with an approximate total volume of 8.8 MG in 2020

CONTINUED ON NEXT PAGE ...



GOAL #2 2015 REPORT CARD **BALANCE FLOOD** MANAGEMENT AND INCREASE STORMWATER RECHARGE

2a: Utilize 500 acres of flood control retention/detention basins that are not currently used for recharge



- SBVWCD implemented the Plunge Creek Water Recharge and Habitat Improvement Project, which is 5.9 acres, to manage flows from water transmission
- · Two MOUs currently underway between SBVWCD and SBCFCD, and between SBVMWD and SBCFCD (expected early 2021)

2b: Reduce FEMA reported flood area



- · Data is not currently available to show whether this objective has been met.
- 2c: Ensure equivalent implementation of flood projects in DAC areas and implement at least 1 flood control project in a DAC area



 The San Bernardino County Flood Control District completed 17 projects to improve flood control basins, flood control channels and flood walls/levees, some of which benefit DAC areas adjacent to channels

= Objective met

= Objective partially met

= Objective not met.

SBVWCD PLUNGE CREEK WATER RECHARGE AND HABITAT IMPROVEMENT PROJECT





= Objective met

= Objective partially met

= Objective not met





Unchanged

Agency submits
 project
description and
ranks/scores
 using the
 IRUWMP
Scoring criteria
 to Project
 Review
Subcommittee

Subcommittee reviews project and ranking/scoring and recommends action to the BTAC

BTAC approves or disproves recommended action at a scheduled BTAC meeting

Approved

Disapproved

Project Scoring Criteria

Unchanged

Meets IRUWMP objectives
Technical feasibility
Multiple agencies
Current project status
Project costs and financing
Economic feasibility
Agency adopted IRUWMP
Consider environmental justice
Helps overcome climate change
Reduces greenhouse gas emissions
Reduced Reliance on Delta (New local supply)

Quantify Need

Evaluate Effectiveness

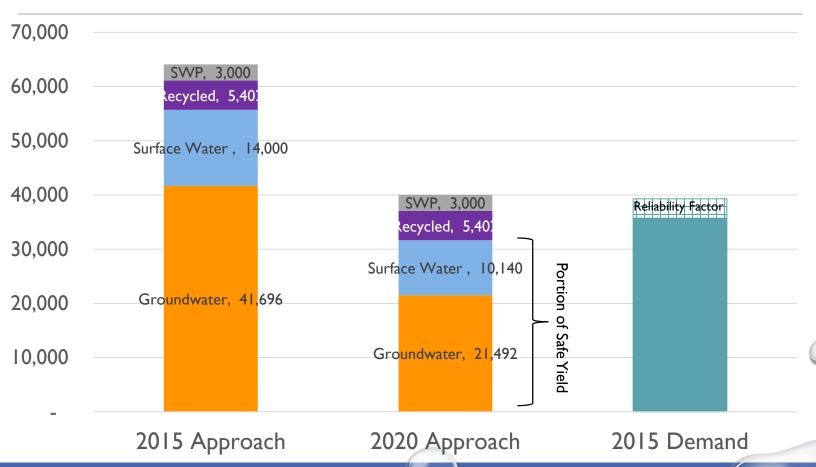
Develop Strategies

Implement Strategies

The Region's Supplies Continue to be <u>Reliable</u>

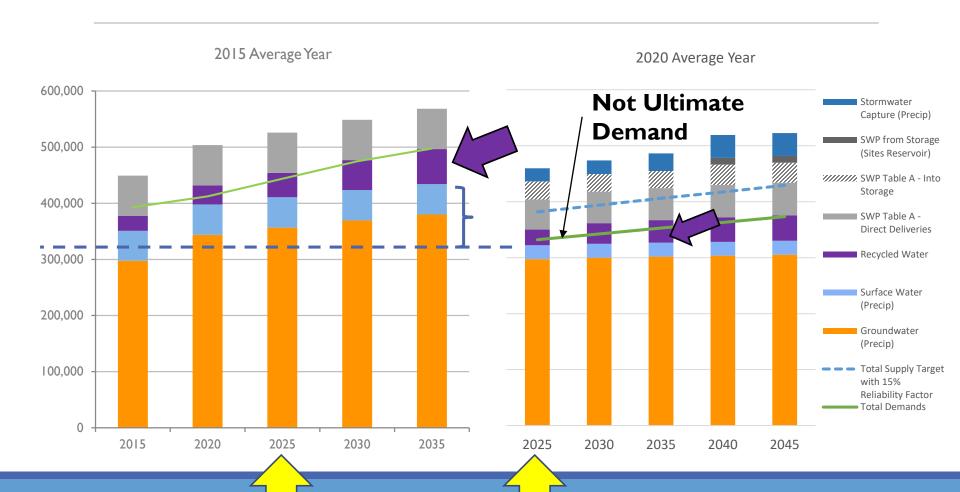
DIVERSE SUPPLIES AND PROPOSED INVESTMENTS PROVIDE RELIABLE WATER FOR THE REGION'S FUTURE

Improved How Local Precipitation is Accounted for in Agency Chapters





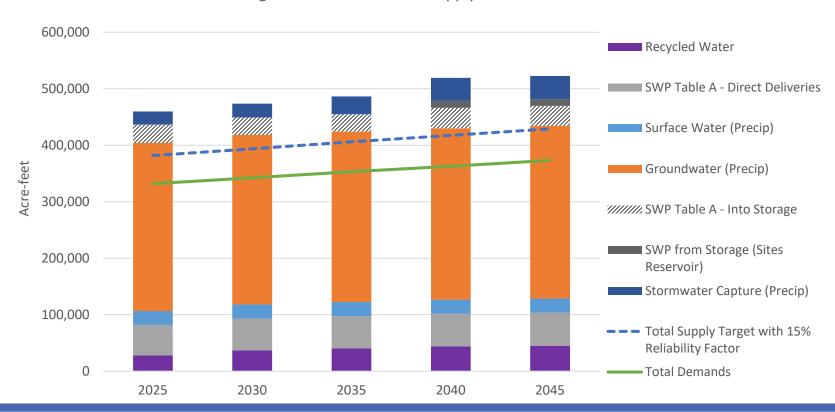






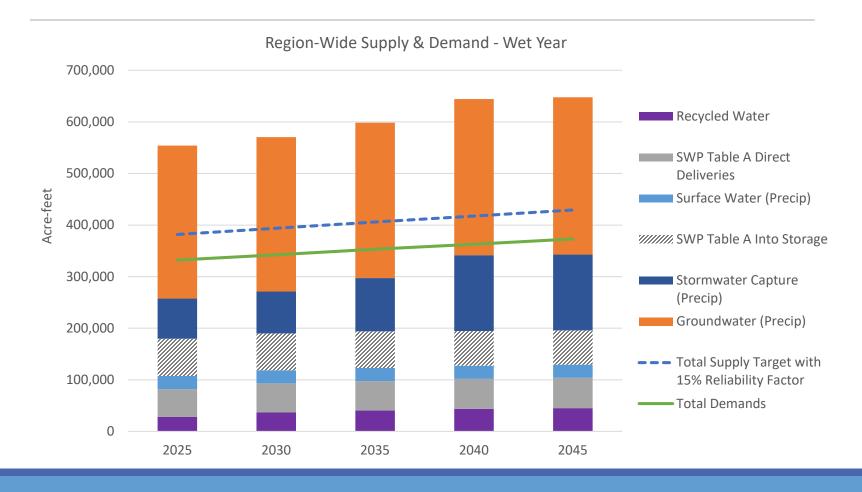
Water Supply Reliability – Normal/Average Year

Region-Wide Normal Year Supply & Demand



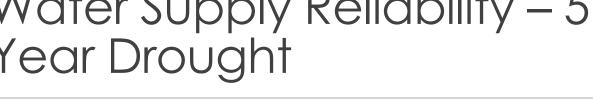


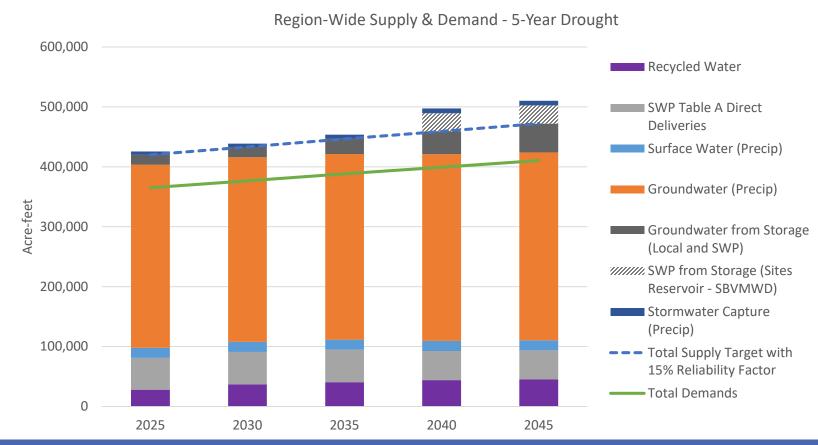
Water Supply Reliability – Wet Year





Water Supply Reliability – 5 Year Drought

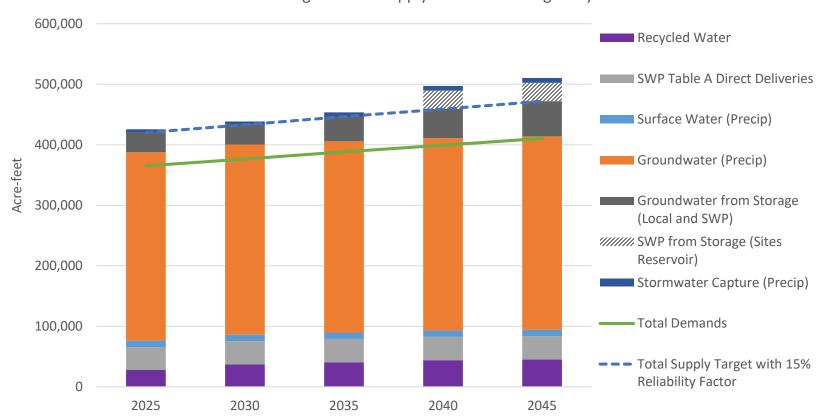






Water Supply Reliability – Single Dry Year

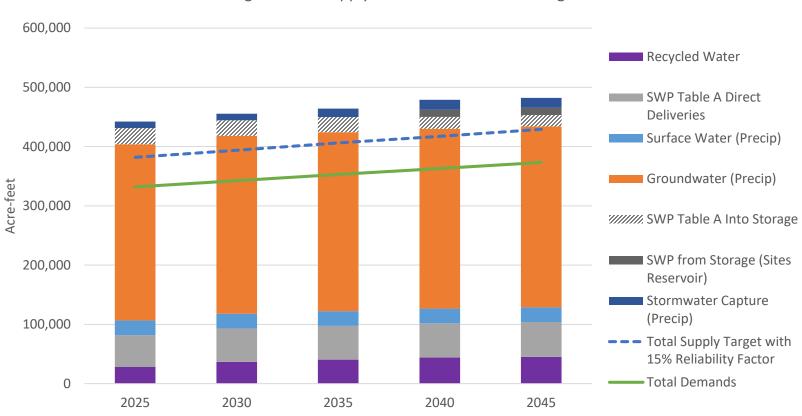






Water Supply Reliability – 30 Year Drought





Evaluate Effectiveness Implement Strategies

VALLEY DISTRICT'S PART 2: UWMP AND WSCP



Valley District's Demand Management Measures (DMMs) - Updated





Valley District Water Shortage Contingency Plan - Updated

Used to prepare for and respond to water shortages that may occur due to water quality changes, climate change, drought, regional power outage, or catastrophic events such as earthquakes

- Part of the UWMP; adopted separately
- Provides shortage stages and various actions that may be implemented to mitigate the effects of a potential supply shortage (very unlikely)

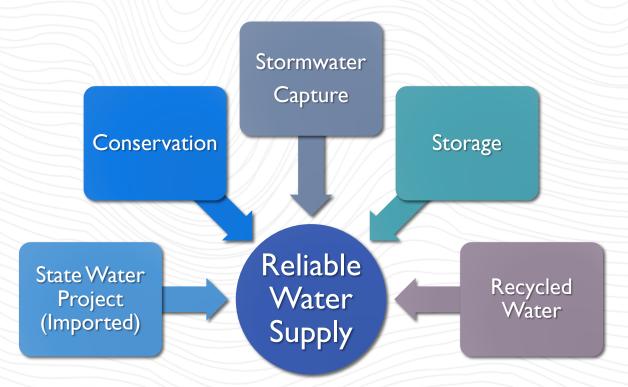
Provides a methodology or process for Valley District staff to complete an **Annual Supply and Demand Assessment beginning in 2022** that will be used to determine short to medium-term reliability

- Primary management/contingency strategy is to <u>store water in</u> wet years that retail agencies pump in dry years
- **Decades of groundwater in storage**; over 8 million acre-feet in SBB, Rialto-Colton, Yucaipa, and other basins

Incorporates and aligns with **Resolution 888** effective January I, 2003 (adopted Nov. 18, 2002)

- Requires any agency receiving water from Valley District to have backup to sustain its service requirements from other sources
- Requires all Valley District customers to <u>implement active</u>
 <u>water conservation programs</u> to encourage the installation of
 low-flow water fixtures and drought-resistant landscape and
 efficient landscape watering methods





2020

Draft UPPER SANTA ANA RIVER WATERSHED

INTEGRATED REGIONAL URBAN WATER MANAGEMENT PLAN



PARTICIPATING AGENCY

Big Bear City Community Services District

City of Big Bear Lake Department of Water

City of Colton

City of Loma Linda

City of Redlands

City of Rialto

City of Yucaipa

City of San Bernardino Municipal Water Department

East Valley Water District

Elsinore Valley Municipal Water District

Fontana Water Company

Riverside Highland Water Company

City of Riverside Public Utilities Department

San Bernardino County Flood Control District

San Bernardino Valley Municipal Water District

San Bernardino Valley Water Conservation District

San Gorgonio Pass Water Agency

South Mesa Water Company¹

West Valley Water District

Western Municipal Water District

Yucaipa Valley Water District



Team Effort

Prepared by Water Systems Consulting, Inc. and Woodard & Curran







2020 IRUWMP

Plan Components

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- Part 2, Chapter 1

- Part 3
- Part 4, Appendix A

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Director Comments and Discussion



Paul Kielhold President



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Gil J.

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Susan Longville Director

Staff Recommendation

That the Board of Directors hold a public hearing on June 15 to adopt the 2020 Upper Santa Ana River Watershed Integrated Regional Urban Water Management Plan (IRUWMP) and the Valley District's Water Shortage Contingency Plan (WSCP).



Future Business



Adjournment