

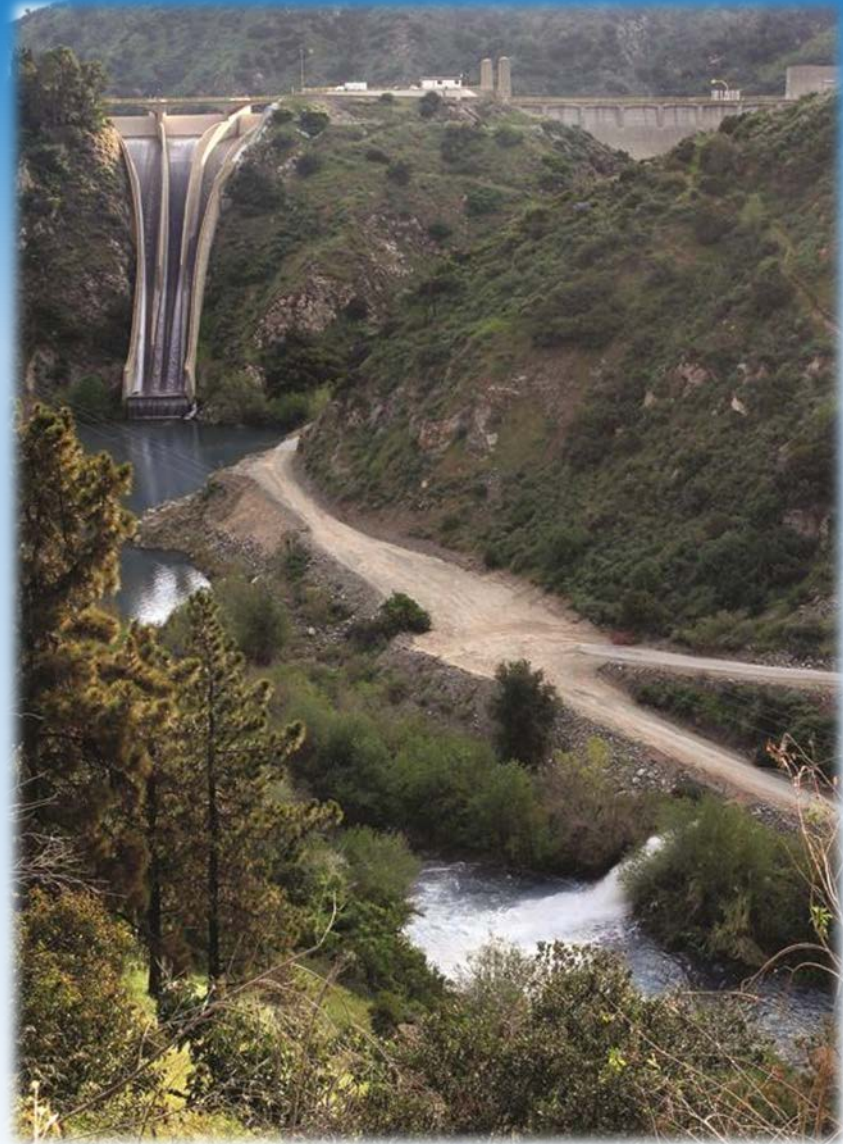


# Upper San Gabriel Valley Municipal Water District

## State of the District and Water Supply Update

Monrovia City Council

10/6/2020



# Upper San Gabriel Valley MWD



- Special district formed in 1960 to provide supplemental water to San Gabriel Valley communities
- Metropolitan Water District member agency
- Service Area: 144 square miles & 18 cities
- Population Served: 950,000
- Water Retailers: 27
- Total water demand: 200,000 acre feet/yr.
- Imported Water Delivery: 30,000 acre feet/yr.
- 2020/2021 Operating Budget: \$32 million



Division 1  
Director  
Anthony  
R. Fellow



Division 2  
Director  
Charles  
Treviño



Division 3  
Director  
Ed Chavez

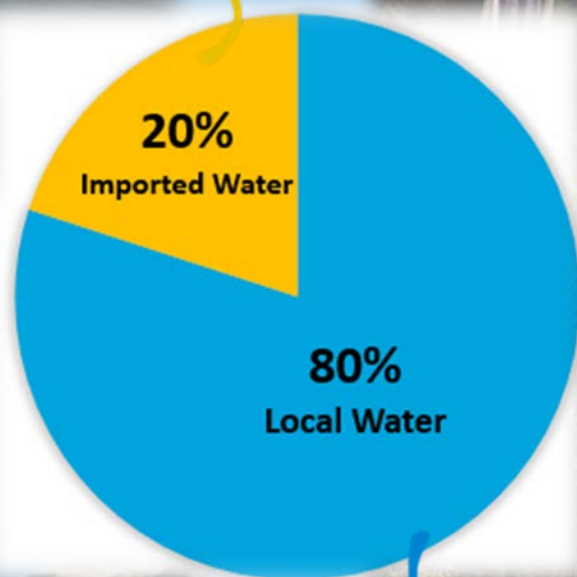


Division 4  
Director  
Alfonso  
Contreras



Division 5  
Director  
Jennifer  
Santana

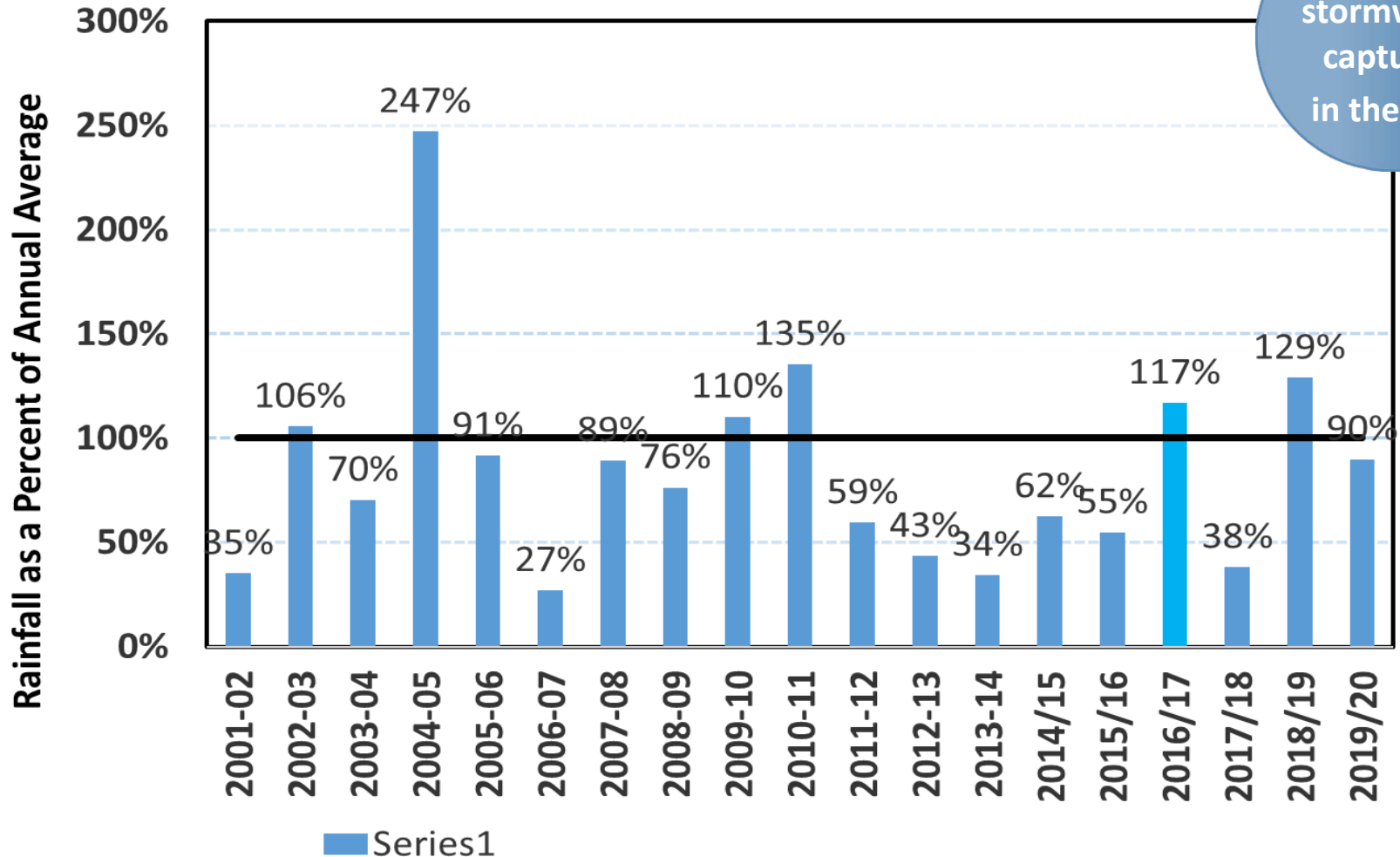
# Where does our water supply come from?



**State Water Project: 20% allocation for 2020**

# Local Resources – San Gabriel Valley

Total Rainfall as of Sept 1, 2020 = 16.49 inches



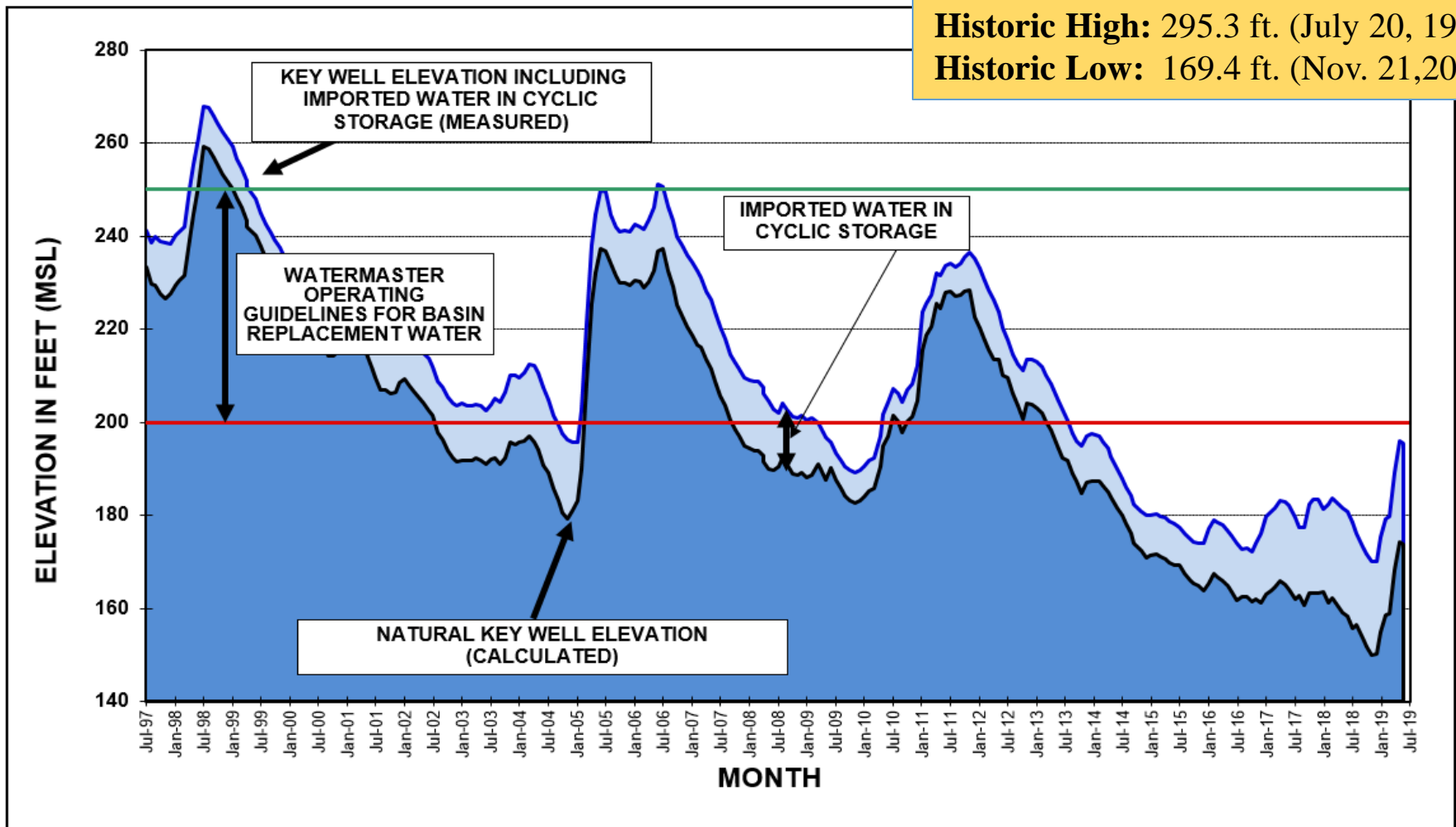
**95%**  
stormwater  
captured  
in the SGV

# Baldwin Park Key Well

**Current Elevation:** 201.4 ft.  
(as of September 25, 2020)

**Historic High:** 295.3 ft. (July 20, 1983)

**Historic Low:** 169.4 ft. (Nov. 21, 2018)



**STETSON ENGINEERS INC.**

Covina San Rafael Mesa, Arizona

WATER RESOURCE ENGINEERS

**UPPER SAN GABRIEL VALLEY MUNICIPAL WATER DISTRICT**

**BALDWIN PARK KEY WELL  
GROUNDWATER ELEVATION**

# Local Actions for Drought Resiliency

## Regional storage due to higher SWP allocation In 2019

- Local groundwater storage – 100,000AF
- Agreement between MWD, Upper District and SGV retailers
- Deliveries through USG-3 into the Santa Fe Dam spreading grounds

## Recycled Water Projects

- Non-potable water projects – 24 miles of pipeline
  - Over 40 recycled water users
  - Approximately \$50 Million
  - Recent RW system projects in South El Monte, La Puente and Industry Hills
- MWD's Regional Recycled Water Project – Carson, CA
  - Board submitted Letter of Intent to MWD on March 11, 2020



# Local Actions for Drought Resiliency

## Support for Delta Conveyance Plan

- Formally - CA Water Fix
  - Board support on Sept. 19, 2017
  - MWD Board support on Oct. 10, 2017
  - Revised Gov. Newsom Plan Environmental Evaluation 2020

## Water Conservation Outreach & Education

- Education programs & grants
- MWD educational programs
- Residential Landscape Classes
- Grassroots Outreach



# Conservation Programs

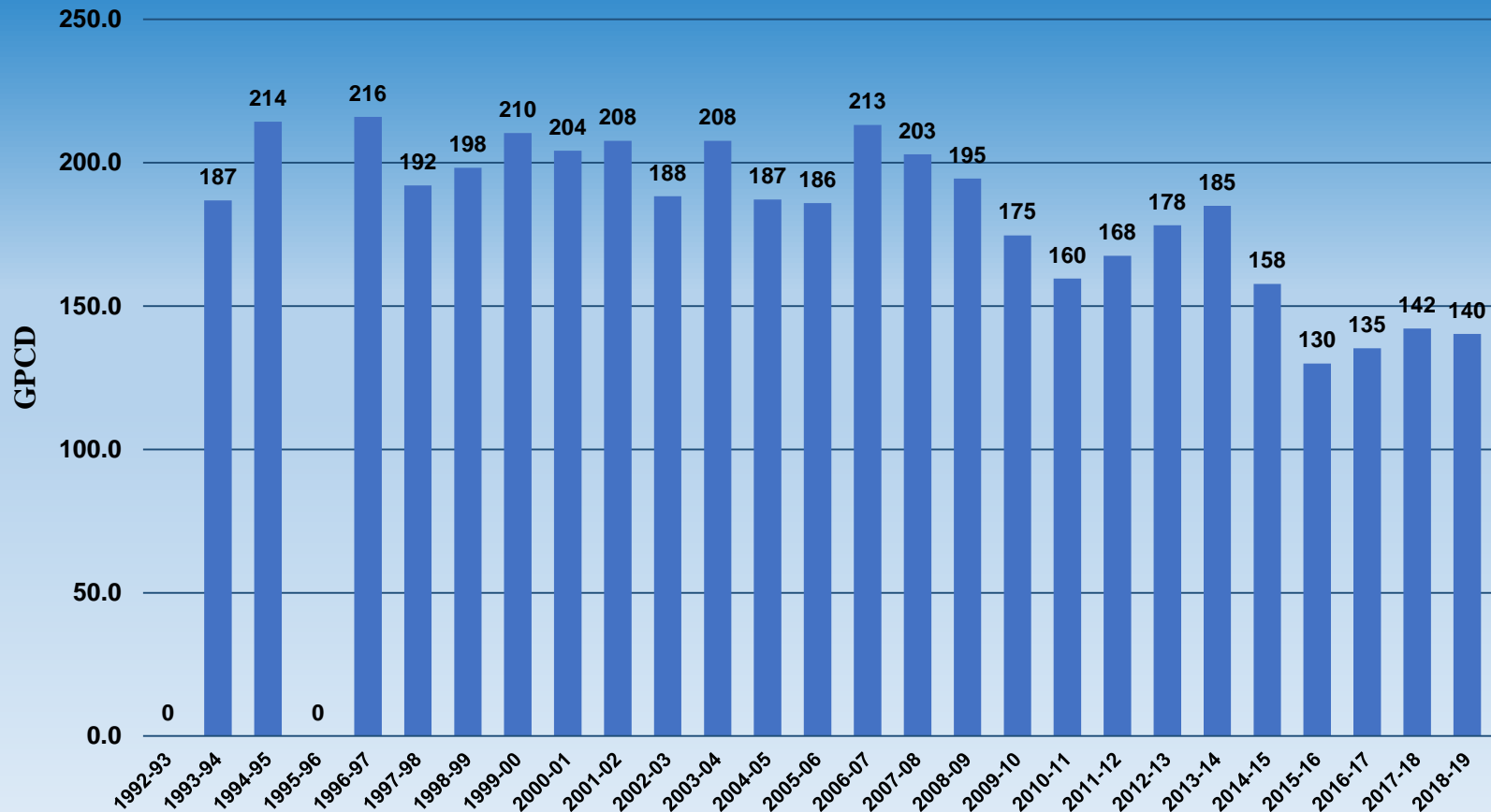
- Since 1992, Upper District's conservation programs have yielded over 79,872 AF (26.8 billion gallons) of water savings.
- Upper District leverages funds received by MWD for conservation programs for residential and commercial rebates and programs
  - FY20-21 & FY 21-22 total = \$572,000
- Upper District makes its programs available to all 27 water retail agencies and 18 cities.





# Historic Water Use for Upper District Service Area

*Gallons Per Capita Per Day (GPCD)*



Year  
■ Water Usage (Gallons Per Capita Per Day)



# Conservation Programs

## Water Fill Station Program

- 10-station pilot program for public sites
- Expanded: January 2020
- Educational Materials: Water quality fact sheets and video
- To Date: 34 stations installed
- Coming Soon: 35 additional stations
- One indoor station located at the Monrovia Community Center



# Water Fill Station Program

## The US production of water bottles in 2006 alone:

- Took **3 liters** to produce **1 liter** of bottled water
- Required more than **17 million barrels** of oil
- Produced more than **2.5 million tons** of carbon dioxide

## Most plastic bottles are never recycled:

- **85%** of plastic water bottles end up in the trash even though they are made of recyclable materials.



## What are some benefits of the program?



Increased understanding on water sustainability



Reduced plastic waste in landfills



Decreased plastic debris preserving watershed and local habitats

# Conservation Programs

## Watershed Restoration Program

- Cooperative partnership between UD and U.S. Forest Service since 1991
- Volunteers of all ages to protect and maintain the local watershed
- Annual two events in the Spring and Fall
- Upper District is committed to restoring our local watershed after the Ranch and Bobcat Fires



To date....

**13,767** volunteers  
**79,768** service hours  
**133 lbs.** acorns collected  
**140,016** saplings planted



# Educational Programs

## 4<sup>th</sup> through 7<sup>th</sup> Grade Sustainable Watershed Education Program

- Partnership with Discovery Science Center in Santa Ana
- FY 19-20, **9,262** students participated
- **71,397** students participated since start of program
- Online classes added to 20-21 school year
- Discovery Cube Science Center Field Trips

## Water Education Grants

- Teachers may apply for grants up to **\$1,000**
- **19** applicants and **\$13,413** awarded in FY 19-20

## “Water is Life” Art Contest

- 4 categories: K-2, 3-5, 6-8 and 9-12 grade



# Educational Programs

## SGV Water Smart Workshops

- Free classes offered in English | Mandarin | Spanish
- Leak Detection, Smart Gardening, Garden Design Concepts, Garden Design Applications, and Turf Removal

## Virtual Edible Gardening Classes

- Free webinar classes to residents with service area
- 5 highly attended classes since July
- Developing new content for Fall



*Edible Gardening*

### Edible Gardens

**Where Should I Grow?**

Use an area of your property that is available.

- Veggies need at least 6 hours of full sun.
- Avoid shade or roots from trees or shrubs.
- Protect veggies from cold winds in the spring.
- Protect them from dry winds in the summer.
- Cold pockets (frost)
- Locate where water is easily accessible.



  [www.sgvwater.com](http://www.sgvwater.com) [www.growwithediblegardens.com](http://www.growwithediblegardens.com)

# Community Outreach

An Important Message Regarding Your Local Water Supply



Your TAP WATER is SAFE from COVID-19



"The novel coronavirus disease, COVID-19, does NOT impact the quality and supply of your local tap water. COVID-19 is transmitted person to person, not through water." - According to the Centers for Disease Control and Prevention.

It is not necessary to buy in bulk or stockpile water bottles. A two-week supply is recommended for natural disaster emergencies.

Upper District urges you to practice sanitary procedures and follow the Safer at Home order.



Director  
Anthony R. Fellow  
Secretary  
Division 1



Director  
Charles M. Treviño  
Treasurer  
Division 2



Director  
Ed Chavez  
President  
Division 3



Director  
Alfonso "Al" Contreras  
Vice President  
Division 4



Director  
Jennifer Santana  
Division 5

## YOUR TAP WATER IS SAFE TO DRINK!



The novel coronavirus disease, COVID-19, does NOT impact the quality and supply of your local tap water. COVID-19 is transmitted person to person, **not through water**, according to the Centers for Disease Control and Prevention.



Tap water is regulated for safety by the U.S. Environmental Protection Agency (EPA) and must meet stringent state and federal drinking water quality standards. Water treatment plants that provide water must be tested multiple times per day.



Your local water agencies and partners provide a water supply that meets and exceeds drinking water standards set by the Federal Safe Drinking Water Act of 1974. They are:

- San Gabriel Basin Water Quality Authority
- Three Valleys Municipal Water District
- Main San Gabriel Basin Watermaster
- Upper San Gabriel Valley Municipal Water District



Don't tap into your emergency preparedness supply. Water supplies are not threatened by the pandemic. A two-week supply of bottled water is recommended for other emergencies, such as earthquakes.

**"Americans can continue to use and drink water from their tap as usual."**  
U.S. Environmental Protection Agency (EPA)

## FREQUENTLY ASKED QUESTIONS About COVID-19 and Water Supply



### Can the COVID-19 coronavirus get into my water?

**General Manager Matt Litchfield, Three Valleys Municipal Water District**  
The novel coronavirus disease, COVID-19, does not present a threat to the safety of Three Valley's or any other regional water supplies. Much of our water comes through the Metropolitan Water District of Southern California, whose multi-step treatment process includes filtration and disinfection using ozone and chlorine. This advanced process removes and kills viruses, including coronaviruses, as well as bacteria and other pathogens.

Furthermore, state project water treated at the Three Valleys' Miramar treatment plant, is regulated for safety and must meet stringent state and federal drinking water quality standards to ensure the highest quality of water. Three Valleys tests the water multiple times per day to ensure the safety of its water supplies. COVID-19 is transmitted person-to-person, not through water, according to the Centers for Disease Control and Prevention.

### So why are people stockpiling bottled water?

**Executive Director Ken Manning, San Gabriel Basin Water Quality Authority**

General emergency preparedness encourages a two-week supply of bottled water in the event of a supply disruption. While other emergencies may necessitate backup water sources, water supplies are not a concern in this particular situation. People should remember that there will not be a supply disruption due to COVID-19. Our water supply must meet strict state and federal drinking water standards and is monitored every step of the way, from source to tap. In fact, the water from your home is tested more rigorously than most bottled water brands you buy at your store.



### Will COVID-19 affect our long-term water supply?

**Executive Officer Tony Zampello, Main San Gabriel Basin Watermaster**

The San Gabriel Valley is fortunate to have the Main San Gabriel Basin, which can store 8.6 million acre feet of fresh water. The Main San Gabriel Basin Watermaster is tasked with monitoring the quantity and quality of this groundwater source. The water in the ground is stored in a safe, natural environment until it is pumped out and served to the consumer. All of this water meets the very stringent drinking water supply standards required by state and federal regulations and the Watermaster helps coordinate required sampling and reporting of these supplies before it arrives at the tap. In short, the virus will not affect our groundwater supply and San Gabriel Valley residents can feel safe drinking tap water.

### Will my tap water continue to be safe as the virus spreads?

**General Manager Tom Love, Upper San Gabriel Valley Municipal Water District**

Yes, your tap water is safe to drink and for everyday use and will continue to be safe. The Upper San Gabriel Valley Municipal Water District (Upper District) is charged with providing the imported water for the San Gabriel Valley. Upper District regularly coordinates water supply and delivery with the Metropolitan Water District of Southern California and other regional agencies to ensure a safe and reliable imported water supply for all our customers.

Metropolitan's filtration and disinfection processes safeguard the water supply against viruses and bacteria. Ongoing monitoring demonstrates that Metropolitan's treated water meets or surpasses all federal and state drinking water standards and regulations.

The Board of Directors for the Upper San Gabriel Valley Municipal Water District remain very diligent and concerned about the health and safety of all our residents. We will continue to work closely with our neighboring municipal water agencies, local water retailers and cities to ensure a reliable and safe water supply.



### FOR MORE INFORMATION

Centers for Disease Control & Prevention [www.cdc.gov](http://www.cdc.gov)

World Health Organization  
[www.who.int](http://www.who.int)

United States Environmental Protection Agency | US EPA  
[www.epa.gov](http://www.epa.gov)

California Department of Public Health  
[www.cdph.ca.gov](http://www.cdph.ca.gov)

Metropolitan Water District of Southern California  
[www.mwdh2o.com](http://www.mwdh2o.com)

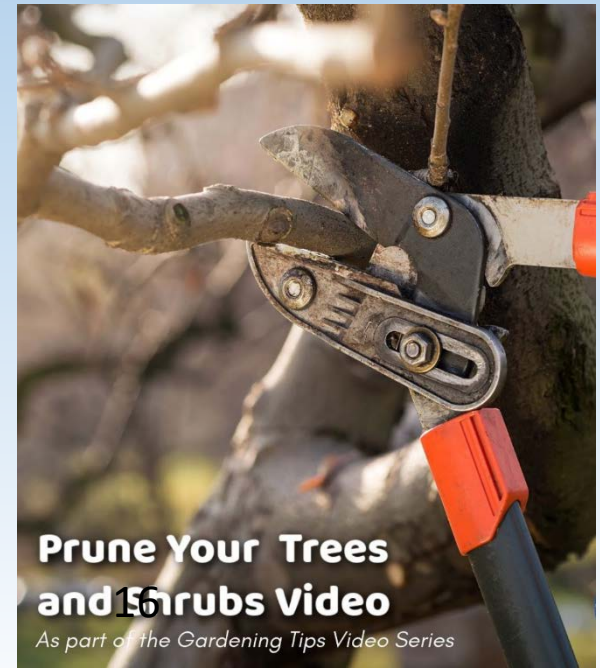
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# Community Outreach

## SGV WaterSmart Videos

- Know your local water supply
- Trust your Tap
- Water Fill Station program
- Gardening Tips
  - 3 how-to-videos
  - English | Spanish | Mandarin





# 60<sup>th</sup> Anniversary

## 60<sup>th</sup> Anniversary Celebration

- Virtual event will be held mid-November
- Invitations will be sent to the Council soon

## Historical Presentations 1960-2020

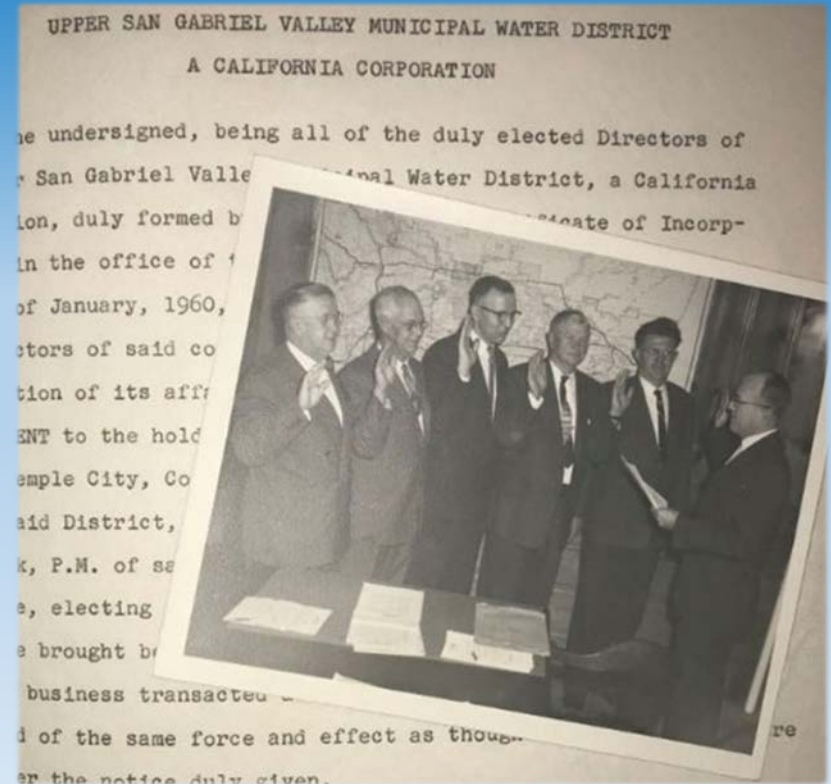
- 3-part series
- Presentations about the district's history shared at the 2<sup>nd</sup> Board of Directors Meeting of every month until November

## News Splash

- Monthly newsletter
- Latest water news, teacher tool kit, conservation resources, 60<sup>th</sup> Anniversary updates and upcoming edible gardening workshops

## New Office Building

- Corner of Foothill Blvd. and Canyon in Monrovia



# Questions



Director Anthony Fellow  
Secretary, Div. 1

**Upper San Gabriel Valley MWD**

Tom Love

tom@usgvmwd.org

[www.upperdistrict.org](http://www.upperdistrict.org)

