



2020-2021 ANNUAL REPORT

PURSUING DROUGHT AND **WATER SUPPLY RESILIENCE** BY INVESTING IN **INFRASTRUCTURE & CONSERVATION**



SGVMWD Member Cities:



THE DISTRICT'S COMMITMENT

This past year, the District continued to overcome challenges presented by the pandemic and climate change, as severe drought conditions returned. Local rainfall in the past 12 months was the lowest in recorded history. Local groundwater supplies, which make up 80% of water supplies in the San Gabriel Valley, are now below desired levels. And, the State reduced imported water allocations to State Water Contractors such as SGVMWD to 5% of planned amounts, lowering the amount of imported water available to us to provide supplemental water to our member cities.

The solution to these challenges is urgent action to build out more resilient sources of water supply, including water recycling, stormwater capture, and water conservation, while also eliminating leaks, inefficient appliances, and decaying infrastructure.

The District made several significant investments this past year in pursuit of these solutions:

- \$2.68 million commitment to help fund environmental planning for the Delta Conveyance Project;
- \$8.2 million in zero-interest loans and grants to our member cities for infrastructure and pandemic-relief projects;

- Development of the "Dudley Ridge" agreement which allows us to purchase and store supplemental water in the Kern Water Bank;
- Expanded conservation education and outreach efforts to help stakeholders develop a "conservation as a way of life" ethic.

We are encouraged by the potential of the Infrastructure Investment and Jobs Act to invest in water projects and we remain committed to partnering with our member cities and leaders at all levels of government to adapt to long-term climate change and to sustain investments in water infrastructure that ensure drought and water supply resilience for the communities we serve.



Thomas Wong,
Board President



Darin Kasamoto,
General Manager

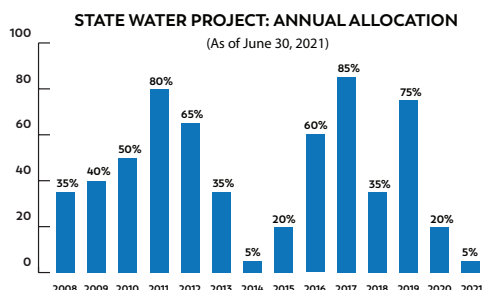
INVESTING IN WATER INFRASTRUCTURE AT THE STATE LEVEL

CHALLENGE:

Instability of the Sacramento-San Joaquin Delta and State Water Project Deliveries

The Delta is the hub for about two-thirds of California's water supply. Drought, climate change and aging infrastructure are challenging the District's access to imported water that flows through the State Water Project.

The Delta's sensitive ecosystem and the reliability of water deliveries are threatened by earthquakes that could cause levees to fail, rising sea levels, saltwater intrusion, unpredictable precipitation and pumping restrictions.



SOLUTION:

Investments in the Delta Conveyance Project

In November 2020, the District committed \$2.68 million toward the cost of the Project's planning phase.



The goal of the Project is to improve State Water Project infrastructure, especially in the Delta.

The Project is expected to cost about \$16 billion, with construction expected to begin in 2024 and continue until about 2034.

We are encouraged by the potential of the \$8.3 billion *Infrastructure Investment and Jobs Act* and by California voters' support of statewide water infrastructure legislation and initiatives such as the \$7.12 billion Water Bond in 2014.

"We need the reliability the Delta Conveyance Project will create at the State level, coupled with smart management, effective partnerships and water conservation at the local level to meet the needs of our member cities."

— Darin Kasamoto
General Manager

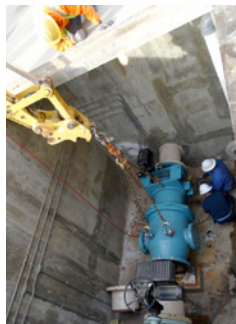
INVESTING IN WATER INFRASTRUCTURE *in Member Cities and the Main San Gabriel Basin*

CHALLENGE:

Maintaining, Updating and Diversifying Local Water Supply Infrastructure

Aging infrastructure such as the District's pipeline, regional water treatment facilities, and our member cities' own network of wells, reservoirs, pipelines and treatment facilities, require ongoing maintenance, upgrades and replacement.

Additional water supply solutions such as recycled water, stormwater capture, water-use efficiency and conservation are promising, but need further investment.



SOLUTION:

Partnerships with Member Cities and Water Agencies in the Main San Gabriel Basin

The District proactively planned with our member cities and other water agencies in the Basin, resulting in a variety of investments that enhance our ability to supplement and enhance local water supplies. In a promising development, Los Angeles County voter's approval of Measure W in 2018 provides funds to build out stormwater capture infrastructure.

2020-2021 FISCAL YEAR INVESTMENTS

- Approved \$8 million of zero-interest loans for infrastructure and pandemic relief projects such as a water treatment facility in Monterey Park and water main replacement projects in Sierra Madre
- Developed the "Dudley Ridge" agreement which allows us to purchase and store supplemental water in the Kern Water Bank
- Upgraded SCADA software and hardware, conducted preventative maintenance of pipeline and valve assets, and began an infrastructure conditions assessment

HISTORIC INFRASTRUCTURE INVESTMENTS (LOANS AND GRANTS) IN OUR MEMBER CITIES



- 2004-2008**
Monterey Park Water Treatment Facility
- 2007-2011**
Emergency connection in Sierra Madre to MWD's treated water line
- 2008**
Alhambra Water Treatment Facility
- 2014-2017**
Water Meter/AMI installations in Alhambra, Monterey Park and Sierra Madre
- 2020**
Sierra Madre Joint Well Agreement
- 2021**
Sierra Madre Water Main Replacement Projects
- 2021**
Monterey Park PFAS water treatment facility

INVESTING IN CONSERVATION *and Individual Action*

CHALLENGE:

Increasing Individual Awareness of and Involvement in Water Issues

Urgent action, trickling down to the individual level (conservation, issue awareness, voting, etc.), is needed to combat the accelerating impacts of drought and reduced water supplies at the local and state levels.

2021 Conservation Campaign



SOLUTION:

Invest in Information, Education and Incentives that Promote Long-Term "Conservation as a Way of Life" Ethic

The District continues to partner with its member cities to invest in public education and outreach, empowering individuals to act. Saving water is the cheapest and most efficient water supply solution.



Conservation banners in Azusa and Monterey Park



2020-2021 EXTERNAL AFFAIRS HIGHLIGHTS

- Virtual/on-line meetings and presentations with state legislators, city councils, federal and state legislative staff, public works/water utility staff in member cities and Asian-language media
- Water conservation planning and campaign banners in each member city; bus shelter ads in Azusa
- Water Conservation Toolkit which provided options for water conservation initiatives
- New District Brochure and Website
- New school/educational materials including videos and "growth chart"
- Planning for 2022 San Gabriel Valley Water Forum

New District brochure



"Our Precious Water Resource" educational videos

2020-2021 HIGHLIGHTS

JULY 2020

State releases "Water Resilience Portfolio" to combat climate change

AUGUST 2020

Board approves \$8.2 million of zero-interest loans and grants for water-related infrastructure and pandemic relief projects in member cities

SEPTEMBER 2020

SGVMWD releases "The San Gabriel Valley Needs a Sustainable, Long-Term Water Supply" ad and "Our Precious Water Resource" educational videos

OCTOBER 2020

Sierra Madre and Azusa utilize \$50,000 SGVMWD grants for water conservation-related projects

NOVEMBER 2020

Board Approves \$2.68 Million to help fund environmental planning for Delta Conveyance Project

DECEMBER 2020

Alhambra and Monterey Park utilize \$50,000 SGVMWD grants for water-related projects

JANUARY 2021

DWR announces State Water Project allocation of 10% of planned amounts for State Water Contractors (i.e. SGVMWD)

FEBRUARY 2021

New SGVMWD Brochure released

MARCH 2021

State Water Project allocation reduced to 5%. Board Approves \$500,000 Pandemic-Related Rate Assistance Program.

MAY 2021

Governor proclaimed drought emergency in 50 of 58 counties

MAY 2021

New Website activated

JUNE 2021

Board Approves 2020 Urban Water Management Plan / Water Shortage Contingency Plan

2020-2021 OPERATIONAL DATA

STATE WATER PROJECT DELIVERIES



1,440
ACRE-FEET (5%)

GRANTS



\$600,000+
for conservation, non-profits
and ratepayer assistance

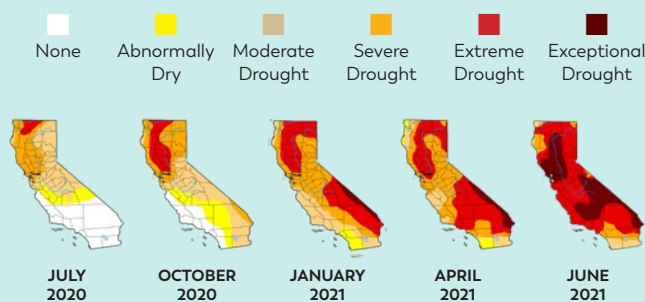
REBATES



\$20,390
in rebates were
distributed

2020-2021 WATER SUPPLY CONDITIONS

CALIFORNIA DROUGHT

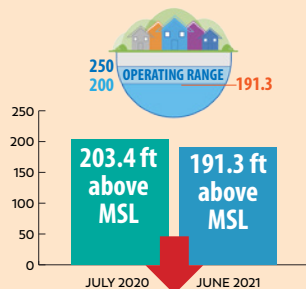


LOCAL RAINFALL

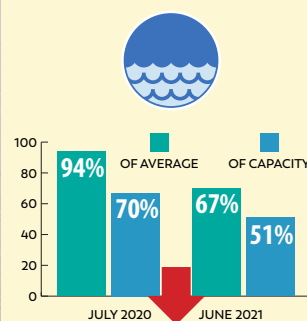


37%
OF NORMAL

GROUNDWATER LEVEL in the Main San Gabriel Basin



STATEWIDE RESERVOIRS



STATEWIDE SNOWPACK



48%
OF AVERAGE

MISSION STATEMENT

The San Gabriel Valley Municipal Water District provides reliable supplemental water for the communities of Alhambra, Azusa, Monterey Park and Sierra Madre in a cost-effective and environmentally responsible manner.



Mark R. Paulson,
Vice President
Division I - Alhambra



Steven T. Placido, DDS,
Secretary
Division II - Alhambra
and Monterey Park



Thomas Wong, President
Division III - Monterey Park



Miles L. Prince, Treasurer
Division IV - Sierra Madre



Bruce H. Knoles
Division V - Azusa