



SAN GABRIEL VALLEY
MUNICIPAL



WATER DISTRICT

AZUSA | SIERRA MADRE | MONTEREY PARK | ALHAMBRA

TAKING ADVANTAGE OF WATER SUPPLY IMPROVEMENTS

2022-2023 ANNUAL REPORT

**BY MAXIMIZING
STORMWATER CAPTURE,
DELIVERING IMPORTED WATER,
INVESTING IN INFRASTRUCTURE
AND PROMOTING CONSERVATION**



Pictured above:
San Gabriel Canyon
Spreading Grounds

STAY THE COURSE

We could refer to the drastic turnaround from the severe drought conditions of the past decade as “our watershed moment.” Due to winter storms, local groundwater levels increased more than fifty feet; State Water Project allocations were increased to 100%; reservoirs neared capacity; and the state’s snowpack reached record levels. According to the U.S. Drought Monitor, less than 7% of California is now in moderate drought and 0% is in severe or extreme drought.

The unique topography, geology, hydrology, and infrastructure within the San Gabriel River Watershed, coupled with cooperation among local water agencies, remarkably enabled us to capture approximately 95% of the stormwater produced by the storms, compared to other watersheds that channel water to the Pacific Ocean to prevent flooding and risks to life and property.

These positive developments must be tempered with the reality that capturing 95% is not enough. Long-term, the Main San Gabriel Basin’s water supplies are always in a deficit; we use more water than Mother Nature provides. Staying the course with strategies that protected us from water supply interruptions, large price hikes and mandatory water-use restrictions during the recent drought, is integral to taking advantage of the opportunity improved water supply conditions present.

The District continues to support the Delta Conveyance Project, to which it invested \$2.68 million, to increase the reliability of our imported water supplies. We support the Pure Water Southern

California recycled water project being developed by the Metropolitan Water District of Southern California and the Los Angeles County Sanitation Districts. We are continuing to explore a potential recycled water project for Monterey Park and Alhambra. We are making steady progress on both a condition assessment and maintenance program for the District’s aging pipeline and water delivery facilities. And we’ve reinvigorated our rebate, O.W.L. Grant, school education and community outreach programs.

The District remains in a solid position financially, possessing the lowest wholesale water rates in the Valley. We increased water rates this past year due to increases in energy costs paid by the District to move water through the State Water Project. The property tax rate assessed to our member cities remains unchanged for the foreseeable future. We commend our member cities and our regional water partners for their diligence during the recent drought and look forward to working with them to preserve and conserve our precious water resources in the future.



Mark Paulson,
Board President



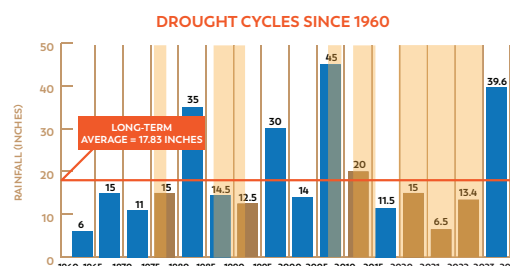
Darin Kasamoto,
General Manager

HOW WE ARE RECHARGING OUR GROUNDWATER WATER SUPPLIES



We, too, had to protect life and property. However, we embraced saving water for beneficial use, as well. Our region built its water infrastructure to retain as much stormwater within the Valley as possible so it could percolate down and recharge our groundwater supplies. The San Gabriel Valley “water story” is unique in that 80% of the water we use is local groundwater.

Our water supply “community” of water districts, public and private water utilities, water quality agencies and LA County Department of Public Works work together to capture more than 95% of stormwater. In a great success story, data shared by the Main San Gabriel Basin Watermaster reveal



We live in the purple-colored San Gabriel River “watershed,” one of several watersheds in Los Angeles County. Each watershed is formed by distinct topography, geology and hydrology, and each possesses unique water supply infrastructure and programs best suited to their locales. Decades ago, as reservoirs, dams, flood control channels, and spreading grounds were being planned, some watersheds chose to “flush” water to the ocean via storm drains as fast as possible to reduce the risk of flooding, thus, saving life and property.



San Gabriel Canyon Spreading Grounds

that of the more than 500,000 acre-feet of stormwater captured this year in Los Angeles County, about 300,000 AF came from the San Gabriel River watershed!

In addition, as a State Water Contractor, our District will receive 100% of its planned imported water allocations this year (about 28,800 acre-feet of water) to supplement our local groundwater supplies. This means imported water will supplement our local water supplies more than in recent years. When we factor in conservation levels that have reached 25% in recent years, we can maximize the benefits of this past winter’s storms.

INVESTMENTS TO PRESERVE OUR WATER SUPPLY IMPROVEMENTS



STATE INVESTMENT: DELTA CONVEYANCE PROJECT

In 2020, the District committed \$2.68 million to help plan the Delta Conveyance Project. The Project proposes to modernize, repair, and protect California's aging water delivery system against future water supply losses caused by climate change, sea level rise, and earthquakes, while also supporting the Delta's fragile ecosystem. This investment helps assure State Water Contractors, such as the District, receive as much water through the State Water Project (SWP) as possible to recharge local groundwater supplies.

REGIONAL INVESTMENT: PURE WATER SOUTHERN CALIFORNIA



In 2022, the District adopted a Letter of Intent with Metropolitan Water District of Southern California and LA County Sanitation Districts to add up to 6,000 acre-feet of recycled water per year to the District's water portfolio. This Project is planned for completion within 7-10 years.

MEMBER CITY INVESTMENTS

Since 2020, the District has provided more than \$8 million in loans and grants to member cities to improve water supplies, water quality and conservation programs. **Sierra Madre:** investments included an approximate \$2 million zero-interest loan to construct water main improvements; a \$1.9 million grant to help fund a joint well with Arcadia; and Greener Yards Project. **Monterey Park:** investments included a \$4 million zero-interest loan to help fund an enhanced CGTS/PFAS water treatment system; and water conservation equipment at City facilities. **Alhambra:** invested in automated meter reading equipment. **Azusa:** invested in the Arrow Highway Landscape Median Project.

SGVMWD INVESTMENTS



INFRASTRUCTURE

The Devil Canyon-Azusa Pipeline, now 50 years old, is key to the District's ability to deliver as much as 28,800 acre-feet of State Water Project "imported water" per year to the Main San Gabriel Basin. This past year, we've continued a condition assessment which will guide planning and funding for future facilities' improvements. Pictured is a mobile camera mounted on a self-propelled, remotely operated vehicle tractor that helped inspect the District's Devil Canyon-Azusa Pipeline.



As the fiscal year concluded in June, two important facility maintenance projects were progressing.



The Hydro 24-inch Butterfly Valve Replacement Project.



The San Gabriel Flow Control Structure 30-inch Ball Valve Replacement Project.

CONSERVATION

During every drought period, conservation is key to preserving water supplies. Especially now, when water supplies have improved, we must remember drought will return. We coordinate closely with our member cities to promote conservation with our H2Owl mascot, pilot projects, grants, school "learn by doing" projects and materials, rebate and irrigation retrofit programs, signage in member cities, outreach to residents, educational website and videos, and outreach to businesses.



Following the winter's storms, the District updated its conservation message to stakeholders.



As part of the District's O.W.L. Community Grant Program (Opportunities for Water Leadership), we debuted a successful, new "Earth Day Grant Program" to help schools organize Earth Day events.



The District's outreach and speakers' bureau program provides information and resources at community events occurring within our member cities.

2022-2023 HIGHLIGHTS

JULY 2022

Drought conditions worsen and member cities activate "Level 2" contingency plans.

AUGUST 2022

Pandemic subsidies; Speakers' Bureau and H₂Owl Program ramp up in member cities.

SEPTEMBER 2022

SGVMWD's "Condition Assessment Project" to test 4.3 mile portion of Devil Canyon-Azusa Pipeline completed.

NOVEMBER/DECEMBER 2022

Directors Mark Paulson (Division I - Alhambra), Miles Prince (Division IV - Sierra Madre), and Bruce Knoles (Division V - Azusa) re-elected and sworn in for new terms on Board.

JANUARY 2023

Mike Eng appointed to Board of Directors to represent Division III - Monterey Park; storms intensify throughout California providing drought relief and significant water supply improvements.

FEBRUARY 2023

Department of Water Resources increases State Water Project allocations to State Water Contractors to 35% for 2023.

MARCH 2023

Storms deluge California and San Gabriel Valley, significantly improving water supplies; Board members and management conduct meeting with California legislators and staff in Sacramento.

APRIL 2023

Department of Water Resources increases State Water Project allocations to State Water Contractors to 100% for 2023 for first time since 2006.

MAY 2023

New public information theme debuted: "Save Water...Use it Wisely".

JUNE 2023

Asian media briefing hosted in Monterey Park. 597.6 MWh of hydroelectric/green power generated in May and June 2023.

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.

2022-2023 OPERATIONAL DATA

STATE WATER PROJECT DELIVERIES



4,827

ACRE-FEET (AF)

(Deliveries from July 1, 2022-June 30, 2023. SGVMWD's full allocation is 28,800 AF per calendar year)

GRANTS



\$164,416

for Member City Grants

\$10,000

for non-profit O.W.L. Conservation Grants

REBATES

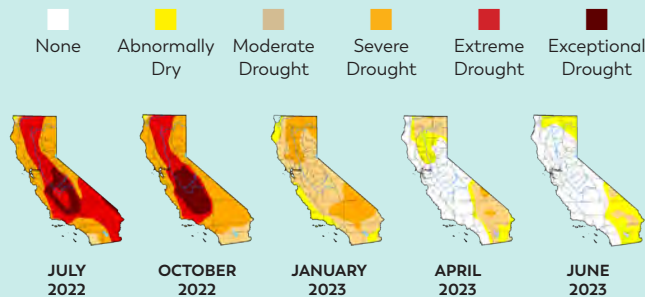


\$195,648

in rebates and irrigation retrofits distributed

2022-2023 WATER SUPPLY CONDITIONS

CALIFORNIA DROUGHT



**LOCAL RAINFALL:
36.01 INCHES**

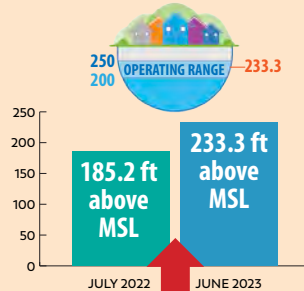


**202%
OF NORMAL**

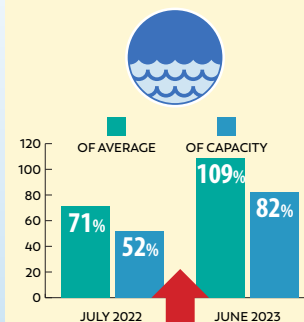
* Source: Los Angeles County Dept. of Public Works (measured July 1, 2022 through June 30, 2023)

GROUNDWATER LEVEL

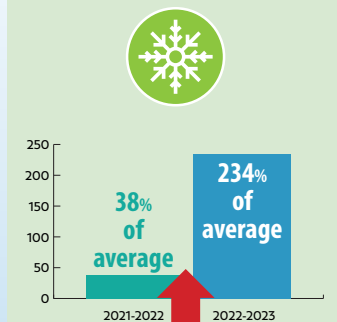
in the Main San Gabriel Basin



STATEWIDE RESERVOIRS



STATEWIDE SNOWPACK



Mark R. Paulson,
President
Division I - Alhambra



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



Mike Eng
Director
Division III - Monterey Park



Miles L. Prince,
Secretary
Division IV - Sierra Madre



Bruce H. Knoles
Treasurer
Division V - Azusa