

ADMINISTRATION AND FINANCE
COMMITTEE MEETING
AND
SPECIAL MEETING OF THE
BOARD OF DIRECTORS

Tuesday, November 2, 2021
4:00 P.M.

Committee Members:

Jennifer Santana, Chair
Tony R. Fellow, Vice-Chair

SPECIAL NOTICE - Teleconference Accessibility

Pursuant to Executive Order N-29-20 issued by Governor Newsom in response to the COVID-19 outbreak, the Upper District will hold this meeting via teleconference or the most rapid means of communication available at the time. Instructions to participate in the teleconference are below:

Join Zoom Meeting

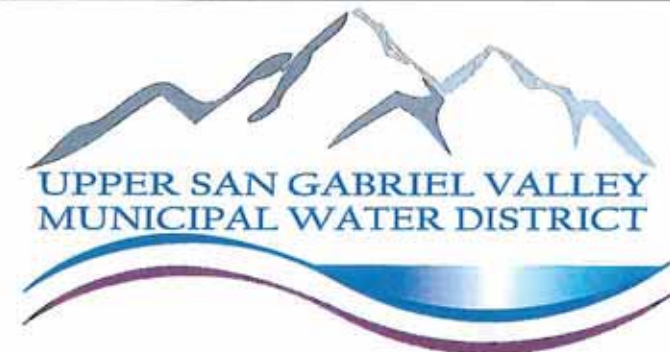
<https://us02web.zoom.us/j/87020838293>

Telephone Dial: 1 (669) 900-6833

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Public comments may be made through teleconference when prompted by the Chair during the public comment period. Public comments may also be provided by emailing Yenessa@usgvmwd.org in advance of the meeting. Please indicate "PUBLIC COMMENT" in the subject line.

If you have difficulty connecting to the teleconference line, please call (626) 443-2297 or email Ruben@usgvmwd.org. It may take a few minutes to join Zoom or connect via telephone so please join early.



602 E. Huntington Drive, Suite B
Monrovia, CA 91016

(626) 443-2297
www.upperdistrict.org

*The Administration and Finance Committee meeting is noticed as a joint committee meeting with the Board of Directors for the purpose of compliance with the Brown Act. Members of the Board who are not assigned to the Administration and Finance Committee may attend and participate as members of the Board, whether or not a quorum of the Board is present. To preserve the function of the Committee as advisory to the Board, members of the Board who are not assigned to the Administration and Finance Committee will not vote on matters before the Committee.

Communications

1. Call to Order
2. Public Comment

Discussion/Action

3. Annual Comprehensive Financial Report (ACFR) for the fiscal year ended June 30, 2021. *(Staff memorandum enclosed. Representatives from Rogers, Malody & Scott LLP will provide a presentation at the meeting.)*
4. Upper District Rate Structure. *(Staff will provide a presentation at the meeting.)*

Oral Reports

- 5.

Other Matters

- 6.

Adjournment

Next Meeting: Tuesday, December 7, 2021 at 4:00 p.m.



American Disabilities Act Compliance *(Government Code Section 54954.2(a))*

To request special assistance to participate in this meeting, please contact the Upper District office at (626) 443-2297 or valeria@usgvmwd.org at least 24 hours prior to meeting.





MEMORANDUM



ITEM 3.

DATE: October 28, 2021
TO: Administration and Finance Committee and Board of Directors
FROM: General Manager
SUBJECT: Annual Comprehensive Financial Report for the fiscal year ended June 30, 2021.

Recommendation

Staff recommends that the Board of Directors receive and file the Annual Comprehensive Financial Report (Attachment 1) for the fiscal year ended June 30, 2021.

Background

Upper District's independent auditors, Rogers, Anderson, Malody & Scott, LLP (RAMS), have completed their audit of the financial statements for the fiscal year ended June 30, 2021. As in prior years, RAMS expressed an unmodified or clean opinion on the financial statements.

Staff will also be submitting, for the 11th consecutive year, the Annual Comprehensive Financial Report for the fiscal year ended June 30, 2021 to the Government Finance Officers Association of the United States and Canada (GFOA) to participate in the Certificate of Achievement for Excellence in Financial Reporting program.

Attachments

*Upper San Gabriel Valley Municipal
Water District*

Annual Comprehensive Financial Report

For the fiscal year ended June 30, 2021
(With comparative data for prior year)

Prepared by:
Finance and Administration Department

602 E. Huntington Drive, Suite B
Monrovia, California 91016

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**Annual Comprehensive Financial Report
For the fiscal year ended June 30, 2021
(With comparative data for prior year)**

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Introductory Section

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November 2, 2021

The Honorable Board of Directors
Upper San Gabriel Valley Municipal Water District

Board of Directors:
Anthony R. Fellow, Ph.D.,
Division 1
Charles M. Treviño,
Division 2
Ed Chavez,
Division 3
Alfonso "Al" Contreras,
Division 4
Jennifer Santana,
Division 5

The Upper San Gabriel Valley Municipal Water District (Upper District) staff is pleased to present the Upper District's Annual Comprehensive Financial Report (ACFR) for the fiscal year ended June 30, 2021. This report is prepared in accordance with the guidelines set forth by the Governmental Accounting Standards Board (GASB).

Management assumes full responsibility for the completeness and reliability of the information contained in this report, based upon a comprehensive framework of internal control established for this purpose. Because the cost of internal control should not exceed anticipated benefits, this effort provides reasonable, rather than absolute, assurance that the financial statements contain no material misstatements.

Rogers, Anderson, Malody & Scott, LLP, Certified Public Accountants, has issued an unmodified ("clean") opinion on the financial statements for the year ended June 30, 2021. The independent auditor's report is located at the front of the financial section of this report.

The MD&A complements this letter of transmittal and should be read in conjunction with it.

Profile of the Upper District

History

Upper District, formed by voters in the San Gabriel Valley on December 8, 1959 to help solve water problems in the rapidly developing San Gabriel Valley, was incorporated on January 7, 1960. On March 12, 1963, residents of the District voted to annex to the Metropolitan Water District of Southern California (MWD), to provide supplemental water, first from the Colorado River and later the State Water Project, to replenish local groundwater supplies.

Upper District played a vital role in determining water rights within the Main San Gabriel Basin by acting as plaintiff in the 1973 court case of the Upper San Gabriel Valley Municipal Water District, Plaintiff, v. City of Alhambra, et al, Defendants. This case brought about the creation of the Main San Gabriel Basin Watermaster (Watermaster), ordered by the court to administer and enforce provisions of the Judgment.

Upper District's service area covers approximately 144 square miles and includes all or parts of 18 cities and portions of unincorporated Los Angeles County with more than 950,000 residents. Upper District partners with many public and private entities to provide a sustainable, high quality water supply to residents and businesses within the greater San Gabriel Valley. Consistent with its motto of "Where Solutions Flow," Upper District is widely recognized for its customer service orientation, community involvement, and creativity in promoting water quality, water recycling, and water conservation.

Vision

Upper District aims to support a high quality of life in the greater San Gabriel Valley by providing valued water services.

Mission

Upper District's mission is to consistently meet our region's need for reliable, high quality and affordable water.

Core Values

Upper District team, consisting of Board and staff, will embody the following core values in conducting the business of the district:

- Transparency – Our team will interact with all in a fair, open and honest manner.
- Professionalism – Our team will professionally, respectfully, and responsively serve the needs of its customers.
- Integrity – Our team will consistently adhere to high moral and ethical principles.
- Collaborative – Our team is collaborative, supporting each other's efforts, loyal to one another, and cares for each other both personally and professionally.
- Innovative – Our team will encourage and value the introduction of new ideas and methods.

Service Area

Five elected Directors, each serving a 4-year term and representing a designated geographic area within the Upper District's boundaries, govern the Upper District. Additionally, as a member agency of the MWD, the Upper District appoints one representative to the MWD Board of Directors. The Upper District also has representation on the San Gabriel Basin Water Quality Authority and Watermaster Boards.

Most of the water imported into the Upper District service area is used to replenish the Main San Gabriel Groundwater Basin (the Basin). A small percentage is purchased by city water departments and private water utilities for direct sale to customers.



Upper District Board of Directors



Division 1 – Director Dr. Anthony R. Fellow
Representing all or portions of Arcadia, Bradbury,
El Monte, Monrovia, Rosemead and Temple City



Division 2 – Director Charles M. Treviño
Representing all or portions of Arcadia, Rosemead, San
Gabriel, South Pasadena, South San Gabriel and Temple City



Division 3 – Director Ed Chavez
Representing all or portions of Avocado Heights, Bassett, City
of Industry, Hacienda Heights, La Puente, Spy Glass Hill,
South El Monte, Valinda and West Covina



Division 4 – Director Katarina Garcia
Representing all or portions of Azusa, Covina, Glendora,
Baldwin Park, Irwindale and West Covina



Division 5 – Director Jennifer Santana
Representing all or parts of Baldwin Park, Duarte, El Monte
and Irwindale

Local Economy

Like the rest of United States, California has been severely impacted by the COVID-19 pandemic. The pandemic and subsequent crisis initiated immense shifts in the economic performance of California in 2020. The first half of 2020 brought a sharp spike in unemployment due to a rapid decline in consumer spending and mandated business closures. However, the next two years will be characterized by economic recovery, the speed of which remains tied to the public health crisis.

California's unemployment rose sharply from 3.9 percent in February to a peak of 16.4 percent in April and May of 2020. As daily case rates fell, businesses were able to open with restrictions and the unemployment rate declined to 9 percent in December. The unemployment rate for the third quarter of 2021 is expected to be 7.2% while annual rates for 2021, 2022 and 2023 are expected to be 7.6%, 5.6% and 4.4%, respectively.

Although California began significant recovery later than some other states because of stricter public health interventions, the State's recovery is expected to outpace that of the U.S. as a whole based on two factors. First, the State's better public health outcomes should result in a more rapid return to normalcy. Second, the transition to new ways of work and social interaction will disproportionately benefit California through its technology sectors.

Despite the recession, the continued demand for a limited housing stock coupled with low interest rates leads to a forecast of a relatively rapid return of home building. An estimated 123,000 net new units are forecasted to be built in 2021, increasing to 139,000 net new units in 2023. This level of home building means the private sector will not be able to build its way out of the state's housing affordability problem over the next three years.

The Los Angeles County economy has been severely affected by the COVID-19 pandemic with a large share of its economic base in industries hardest hit by the pandemic with unemployment rate peaking at 21.1% in May 2020. By December 2020, the unemployment rate in the County had fallen to 11%. The region continues to recover jobs in the wake of the pandemic. However, many industries facing the most severe restrictions are still trailing behind in the recovery process including arts, entertainment and recreation, food services and drinking places, and other services. When public gatherings are safe again, L.A. County is expected to, once again, be a vibrant center of food, culture, and economic activity. In the housing sector, Los Angeles County home prices continue to hit record highs driven by low interest rates and lean supply.

The San Gabriel Valley faced extraordinary challenges in the spring and summer months of 2020 as statewide stay at home orders brought much of the local economy to a standstill. After employment bottomed out in April 2020, hard hit industries like health care and retail trade were soon hiring again. The San Gabriel Valley unemployment rate began a slow but steady descent, falling to 9.7% by the end of 2020. Progress in bringing down the unemployment rate will occur through the remaining months of 2021 and into 2022 as economic activity accelerates.

Like most of California, Los Angeles County and the San Gabriel Valley economies are headed in the right direction. Economic growth is expected to accelerate as the second half of 2021 unfolds and pandemic-related restrictions are lifted. As more businesses fully open and people head back to work, gains will become more widespread.

Sources: San Gabriel Valley Economic Partnership's 2021 Economic Forecast Report, Los Angeles County Economic Development Corporation's Economic Forecast 2021, and the September 2021 UCLA Anderson Forecast

Major Initiatives

Consistent with its mission, the Upper District strives to assist local retail water providers manage their water supply safely and cost-effectively by improving water quality and increasing supply reliability. This is a challenging goal because factors such as climate, water quality legislation, regulations, government policy, economics, population, and market demand change and, thus, affect the Upper District's planning and operations. Upper District's primary function has been to provide supplemental water to its retail water providers, sourced from the State Water Project, the Colorado River, and more recently, in the form of recycled water.

Imported Water Deliveries

In December 2014, Upper District executed a ten-year extension to the current purchase order with MWD, retaining the ability to purchase about 67,000 acre feet per year of the less expensive Tier 1 water.

Recognizing the long-term drought conditions and the continuing decline of the Basin level, the stakeholders, consisting of producers, responsible agencies and Watermaster, developed a water resource development assessment to purchase untreated water for stormwater augmentation (RDA II Program) in May 2017. Unlike an earlier version of this program, which provided for Watermaster's pre-purchase of replacement water, the RDA II Program supplements the lack of local stormwater replenishment by purchasing imported Tier I water. There is no "right of recovery" using a water right, by any Basin producer. Funding for this program is obtained by an annual assessment against every acre foot of production regardless of whether the producer is within or above its production rights.

In August 2019, Upper District, MWD and Watermaster executed the 11th amendment to the Cyclic Storage Agreement extending the term for another five years. The agreement gives MWD the right to store up to 200,000 acre feet of State Water Project water in the Basin.

During the first quarter of 2021, Upper District initiated discussions with Watermaster and the producers to develop and define options for addressing the growing gap between Metropolitan's readiness-to-serve (RTS) charge and the standby charge revenue Metropolitan collects on behalf of Upper District. It is anticipated that a new rate structure will be adopted in the last quarter of 2021.

Integrated Resources Plan (IRP)

Completed in 2012, Upper District's IRP defines a long-term strategy for investments in a balanced portfolio of water supplies that are reliable and affordable. Upper District is currently implementing the strategy defined in the IRP, which includes the Recycled Water Program described in the next section.

Upper District is working on updating the Integrated Resource Plan to address significant changes regarding potential water resource programs and supply availability and strives to work with all stakeholders to implement innovative conservation, recycling, and storm water capture projects to improve long-term water supply reliability.

Recycled Water Program

Recycled water is a key element of Upper District's overall strategy of supplementing local water supplies. Recycled water is being used throughout California to irrigate golf courses, parks, freeway landscaping and crops. It is also being used to replenish groundwater basins, to serve as a barrier to seawater intrusion, and by industry for cooling processes and other purposes. Recycled water directly offsets the need to import increasingly expensive water that is pumped from the sensitive Bay-Delta ecosystem.

Upper District's success in proactively advancing water recycling is largely attributable to the support of its partners: the United States Bureau of Reclamation (USBR); State Water Resources Control Board; Metropolitan Water District; Sanitation Districts of Los Angeles County; Watermaster, local retail water providers and many others who have contributed to the successful development of recycled water in the San Gabriel Valley.

Direct Reuse

The Direct Reuse Program includes the phased construction of a recycled water distribution system used to provide water for irrigation purposes. Over \$51 million has been invested to construct a direct reuse recycled water distribution system consisting of more than 24 miles of distribution pipeline. The major components of the direct reuse system are summarized below. All components of the system are in service.

Whittier Narrows – The Upper District's Whittier Narrows Water Recycling Project supplies the 2,500 acre Whittier Narrows Recreation Area with about 400 million gallons of recycled water each year. The recycled water provides irrigation for a large public park, soccer, baseball, and softball fields as well as the 18-hole Whittier Narrows Golf Course.

South El Monte High School – In 2007, Upper District converted South El Monte High School to recycled water for irrigating campus green areas and athletic fields. Recycled water used at the high school conserves nearly 17 million gallons of drinking water each year, enough to supply about 100 households.

Rose Hills Memorial Park – In early 2006, Upper District converted about half of the Rose Hills Memorial Park (Rose Hills) to recycled water for irrigation purposes. Prior to using recycled water, Rose Hills used approximately 388 million gallons (1,200 acre-feet) per year or about 1,000,000 gallons per day of drinking water for irrigation. By using recycled water, Rose Hills reduced their drinking water demand by about 600 acre-feet per year, saving about 500,000 gallons of drinking water per day or enough drinking water to supply about 1,200 average single-family homes each year. As part of this project, an additional 21 million gallons of recycled water per year are provided to Rio Hondo College, Mill Elementary School and Gateway Pointe Industrial Park for irrigation purposes.

In 2014, Upper District assisted Rose Hills in obtaining \$500,000 in Proposition 84 grant funds to expand the recycled water system and serve an additional 600 acre-feet per year. This effort required Rose Hills to contribute \$500,000 towards the needed improvements which were completed in 2016, increasing the use of recycled water by another 600 acre-feet per year.

Rosemead Extension - The San Gabriel Valley Water Recycling Project Phase IIA – Rosemead Extension consists of recycled water pipelines extending north and west from the Whittier Narrows Recreation Area to supply approximately 98 million gallons of recycled water per year to Southern California Edison corporate headquarters, Panda Express corporate headquarters, Walmart and several nurseries, schools, and businesses.

City of Industry – In 2010, the Upper District's City of Industry Water Recycling Project began providing recycled water for irrigation purposes by extending an existing recycled water pipeline, stretching from the City of Industry through Hacienda Heights, to West Covina. The project supplies more than 260 million gallons of recycled water per year for irrigation to a landfill, golf course, baseball complex, schools, parks, medians, and green belts in the San Gabriel Valley.

South El Monte and El Monte Extension – In 2014, Upper District assisted the San Gabriel Valley Water Company in obtaining \$1.28 million in Proposition 84 grant funds to expand the Whittier Narrows Recycled Water system to serve an additional 95 acre-feet per year of recycled water in South El Monte and El Monte. The San Gabriel Valley Water Company provided approximately \$2.13 million to complete the facilities needed.

La Puente Valley County Water District Recycled Water System – In 2014, Upper District assisted the La Puente Valley County Water District in obtaining \$428,000 in Proposition 84 grant funds to construct a recycled water system to serve 60 acre-feet per year of recycled water in La Puente and the City of Industry. The La Puente Valley County Water District will provide \$1.57 million to complete the facilities needed. The construction award was approved in December 2019, with construction beginning in the first quarter of 2020. The pipeline construction is complete with remaining work focused on individual customer connections.

Storm Water

MillerCoors Storm Water Capture Project

Upper District facilitated several meetings with Vulcan, MillerCoors, the LAFCD and Watermaster to determine feasible means of including MillerCoors' east pit as part of the LAFCD storm water capture system. LAFCD, Vulcan, and MillerCoors discussed the most feasible means to develop a storm water capture facility that meets the needs of all parties. At this time, no additional discussions are underway.

MS4 Stormwater Permit

Upper District staff participated in extensive discussions with the Council of Government Water Committee members on the MS4 stormwater permit and the potential to use regional facilities to reduce the cost of compliance. A technical study of the Peck Lake Park area was prepared for use by the Flood Control District and cities that currently benefit from the use of Peck Lake.

Water Use Efficiency

The effects of climate change and continuing drought-like conditions have left many groundwater basins at low or near record low levels. Upper District continues to maintain a proactive and innovative conservation outreach program for our residents in the San Gabriel Valley. For FY 20/21, Upper District continued to implement residential and commercial water use efficiency programs. Upper District's approach is in keeping with the State's long-term framework for conservation and drought planning titled, "*Making Conservation a California Way of Life*", which outlines implementation of EO-B-37-16.

The COVID-19 pandemic continued to be a considerable challenge throughout FY 20/21, as the Governor continued to issue mandates that prohibited large events, and limited activities across the state and county. While the pandemic restrictions were issued in March 2020, the effects of the stay-at-home order and social distancing remained in effect through the end of FY 20/21 which resulted in events being reformatted to fit a virtual setting and projects being altered to permit distancing.

Water Conservation and Education

Water conservation is a vital and cost-effective method of preserving our water supply and is a critical aspect of an effective, sustainable water supply program. Throughout California and the San Gabriel Valley, cities, water companies, utilities, and water districts are deeply involved in conservation and public education efforts that promote water use efficiency. Informing residents, businesses, and our youth about water use efficiency remains a top priority of Upper District's public education program.

Residential Programs

Residential Rebate Program – Through Metropolitan's SoCal Water Smart Regional Residential Rebate Program, Upper District's residents are offered rebates for retrofitting several types of high water-use fixtures/equipment. Rebate items include the following: High-Efficiency Clothes Washers (HECW), Premium High Efficiency Toilets (PHET), Weather-Based Irrigation Controllers (WBIC), Rotating Sprinkler Nozzles, Soil Moisture Sensor Systems (SMSS), Hos Bib Irrigation Controllers (HBIC), Rain Barrels, Cisterns, and turf removal. Rebates were paid for 58,951 residential devices during the fiscal year that will produce approximately 350 acre feet (113,920,769 gallons) of lifetime water savings.

Residential Landscape Survey and Retrofit Program – During FY 20/21, two surveys were completed and multiple water efficient irrigation devices were provided through a purveyor-run residential survey and retrofit landscape program. The program provided these locations with large landscape areas an opportunity to update their irrigation systems to include a WBIC, efficient sprinkler systems, and even replacement irrigation lines to efficiently meet the needs of the landscape. Upper District provided a total of \$15,769 in incentive payments to the producers for this program through MWD's Member Agency Administered Program.

Commercial, Industrial, and Institutional (CII) Program

CII Rebate Program – Through Metropolitan's SoCal Water Smart Commercial Rebate Program, Southern California businesses are eligible for rebates to help encourage water use efficiency. This program offers rebates on a wide variety of water-saving technologies including premium PHETs and Zero Water Urinals (ZWU), Ultra-Low Water Urinals (ULWU), WBICs, Central Computer Irrigation Controllers (CCIC), SMSS, HBIC, Large Rotary Nozzles, In-Stem Flow Regulators, pH-Cooling Tower Controller (pH-CTC), Cooling Tower Conductivity Controller (CTCC), Dry Vacuum Pumps, Connectionless Food Steamers, Ice-Making Machines, and turf removal. Rebates were paid for 15,074 CII devices during FY 20/21 that will produce approximately 121 acre feet (39,427,971 gallons) of lifetime water savings.

Water Savings Incentive Program – Metropolitan's Water Savings Incentive Program (WSIP) provides funding incentives for projects that improve the efficiency of large water using CII customers. The program supports the use of water efficient technologies and projects, tailored to the participating sites, that help achieve water efficiency goals. Incentives totaling \$554,703 were paid for 2 projects during the 2020/21 fiscal year that will produce approximately 4,884 acre feet (1,591,521,950 gallons) of lifetime water savings.

Water Fill Station Program – During FY 20/21, Upper District continued its Water Filling Station program (WFS) which involves the installation of water bottle filling stations at designated public facilities located within Upper District's service area with high pedestrian traffic or provide recreational activity. The program provides accessibility to tap water, highlighting the quality of tap water while providing an alternative to one-time use plastic bottles. The production, packaging, and transportation of one-time use plastic bottles is both water and energy intensive. The aftermath of using one-time plastics is a long-term negative impact on the environment.

The success of the WFS program resulted in several water producers stepping forward to fund additional water fill stations, expanding the program far beyond the original number of site installation pilot projects. The WFS program benefits local communities, delivering positive environmental impacts while highlighting the safety of local drinking water. Accommodating this partnering approach capitalized on the economies of scale, ensured consistent program guidelines, maintained a consistent regional water use efficiency message to the public, and created a successful partnering endeavor between the Upper District and its water producers. A total of 19 WFS were installed during FY 20/21.

Education and Community Outreach Programs

Watershed Restoration Program – This program is a cooperative partnership between the Upper District and the U.S. Forest Service that incorporates volunteers into efforts to protect and maintain the local watershed. Program activities typically include collection of native seeds, planting of saplings, and trash removal. During FY 20/21, the volunteer events continued to be cancelled due to the COVID-19 pandemic.

4th-6th Grade Sustainable Watershed Education Program – The partnership with the Discovery Science Foundation provides exciting 4th-7th grade student curriculum that focuses on water use efficiency, highlights watershed issues, and groundwater awareness. Offered free to participating schools, the program includes interactive assemblies for fourth and fifth graders and in-class hands-on workshops for sixth graders.

During FY 20/21, 3,823 students from 26 schools participated in the assemblies and hands-on workshops. Due to COVID-19, the program has been revamped to include options for virtual learning and the program was expanded to 7th grade utilizing STEM curriculum for the science-based workshops.

Upper District also offers a number of free class trips to the Discovery Cube's Los Angeles or Santa Ana locations. The trip includes free admission for up to 60 students and a \$250 transportation grant. The closure of schools as well as the Discovery Science Foundation sites resulted in the postponement of all trips. Upper District will evaluate the ability to offer these field trips in the coming year, depending on continued COVID restrictions.

Water Efficiency Workshops – Upper District and MWD had to make changes to the water efficiency workshop format to allow for social distancing. Virtual workshops became the norm for FY 20/21 and a total of 617 individuals virtually attended 15 workshops hosted by Upper District during FY 20/21.

Solar Cup – Sponsored by MWD, Solar Cup is a youth program that provides high school teams the hands-on opportunity to build solar powered boats that they compete in race and endurance categories. Due to COVID-19, Solar Cup was held in a virtual format for FY 20/21. Solar Cup 2021 will be an online STEAM-focused program where students will learn skills by working as a team and selecting from a menu of activities that cover a wide range of STEAM fields including robotics, solar power vehicles, utilizing CAD software, building online gaming, social media messaging, visual arts, and dream job skills. At the end of the five-month program, there was a competition with ten different challenges for the teams to compete within. Upper District supported five teams for entry into the FY 20/21 event.

Water Awareness Art Contest – Upper District's "Water is Life" art contest inspires students to think about how important water is to all life and encourages youth to express the value of water through their artwork. The contest has 4 categories: K-2, 3-5, 6-8 and 9-12th grade. Due to the continuation of the COVID-19 pandemic resulted in schools continuing a virtual learning structure, Upper District postponed the art contest for this school year.

Water Education Grant Program – The Upper District's Water Education Grant Program (WEGP) offers teachers an opportunity to apply for grants of up to \$1,000 for proposed school projects that are related to water. A total of 22 applications amounting to \$16,653.77 were awarded for the 2020/21 school year.

Water Conservation Booths – Upper District maintains an aggressive grassroots outreach campaign to educate the residents of the San Gabriel Valley. Informational booths on water conservation are hosted by Upper District at city sponsored events such as summer concerts, community, and environmental fairs. Due to COVID-19, no outreach booths were held for FY 20/21.

Waterfest – Upper District hosts an annual conservation event in partnership with the Los Angeles County Department of Parks and Recreation. This educational event for residents, families and children features interactive educational booths, environmental displays, informative presentations, free water-saving materials, raffles and more. Due to the COVID-19 pandemic, WaterFest was cancelled and readapted into a virtual conservation giveaway program marketed as Conserve-a-palooza.

Conserve-a-palooza – Conserve-a-palooza is a virtual conservation program that was adapted in lieu of Upper District's annual WaterFest. For five weeks, residents within Upper District's service area have the opportunity to participate by answering weekly conservation trivia. Randomly selected participants received water-use efficiency devices as giveaways. Prizes range from high-efficiency washer machines to native plant vouchers.

San Gabriel Valley Water Smart Award – In 2015, Upper District unveiled the San Gabriel Valley Water Smart Award which recognizes cities, businesses, elected officials and/or community partners for their efforts in promoting water conservation through education, advocacy, or community engagement. The SGV Water Smart Awards are normally awarded during the WaterFest event; however, due to the COVID-19 pandemic, Upper District did not host the award recognition ceremony in 2020.

News Splash Newsletter – In 2020, Upper District unveiled a monthly e-newsletter called "News Splash" to engage and inform residents and key regional stakeholders. Each monthly edition includes water related news, information on Upper District's conservation and educational programs, water smart workshops, and water saving resources.

Upper District's Website – Upper District's website features a streamlined format and meets all accessibility and public access guidelines for special districts. To outreach to residents during the COVID-19 pandemic and to continue providing valuable water conservation materials, a teacher/parent tool kit was created and added to the website. The tool kit included conservation videos, water saving materials, activities and curriculum categorized by grade level.

Upper District's "Where Solutions Flow" Tours – Upper District has actively engaged the region's local elected officials by offering educational programs on key water policies and issues that affect the San Gabriel Valley. Upper District, in partnership with the Main San Gabriel Basin Watermaster, MWD, the Army Corps of Engineers, LA County Flood Control District, and San Gabriel Valley Water Company, have provided educational tours of the San Gabriel Valley water infrastructure. Due to COVID-19 pandemic, the tour program has been put on hold until further notice.

Speakers' Bureau Presentations – Upper District Board members and management make numerous presentations to city councils, school boards, chambers of commerce, and other community organizations. These presentations provide stakeholders with information about the history of the Upper District, local water issues and challenges, recycled water projects, water-related legislation, and water conservation programs. During FY 20/21, water supply presentations continued via virtual teleconferencing platforms.

Water Smart Video Series – In response to the COVID-19 pandemic, Upper District began an aggressive messaging campaign on local water quality and safety. A series of informational videos were created on the San Gabriel Valley's local water supply, water quality, gardening and landscaping, and best practices for water conservation.

Relevant Financial Policies

Internal Control Structure

Management is responsible for establishing and maintaining an internal control structure that ensures that assets are protected from loss, theft, or misuse. The internal control structure also ensures that adequate accounting data are compiled to allow for the preparation of financial statements in conformity with generally accepted accounting principles. The internal control structure is designed to provide reasonable assurance that these objectives are met. The concept of reasonable assurance recognizes that (a) the cost of a control should not exceed the benefits likely to be derived, and (b) the valuation of costs and benefits requires estimates and judgments by management.

Investment Policy

Annually, the Board of Directors adopts an investment policy consistent with the requirements of the California Government Code. In order of priority, three fundamental criteria are followed by the Upper District in the investment program:

- (a) *Safety of Principal* - Investments shall be undertaken in a manner that first seeks to ensure the preservation of principal in the portfolio. Each investment transaction shall be entered into after taking into consideration the quality of the issuer, the underlying security or collateral, and diversification of the portfolio.
- (b) *Liquidity* - Investments shall be made so that the maturity date is compatible with cash flow needs and safety of principal.
- (c) *Return on Investment* - Investments shall be undertaken to produce an acceptable rate of return after first considering safety of principal and liquidity and the prudent investor standard.

During fiscal year 2020/21, all funds were invested in accordance with Upper District's investment policy.

Designated Reserve Policy

Upper District's adopted Designated Reserve Fund Policy sets prudent levels of reserve funds to provide financial resources not only during emergencies or planned capital projects but also for scheduled and unscheduled expenses such as operation and maintenance, debt service and stabilization of rates. The Reserve Fund Policy establishes the following six designated reserves, each with its own recommended minimum, target, and maximum levels: 1) Emergency Reserve; 2) Operating Reserve; 3) Pay-go Capital Improvement and Replacement Reserve; 4) Capital Reserve; 5) Revenue Stabilization Reserve; and 6) Water Banking Reserve.

Budget Process and Controls

Budgets are often used as a performance tool for measuring accountability of public agencies to its stakeholders. Though not legally required to do so, Upper District annually adopts a budget not only as a management tool for planning and control purposes but also to demonstrate its commitment to fiscal responsibility and transparency. Upper District also uses the budget as a communication tool that shows how the District intends to allocate its resources in support of its mission, goals and objectives.

Developing and monitoring the budget is an ongoing process. Upper District conducts a series of budget workshops to encourage stakeholder participation and input prior to adoption of the final budget. Monthly financial statements showing budget-to-actual comparison and analysis are presented to management and the Board of Directors to facilitate review and assessment throughout the fiscal year.

Water Rates

Pursuant to Water Code Section 71614 et seq., Upper District establishes water rates and charges through a resolution by the Board of Directors. Prior to adoption of the water rates and charges, workshops are held to solicit input from all stakeholders.

Awards and Acknowledgements

The Government Finance Officers Association of the United States and Canada (GFOA) awarded a Certificate of Achievement for Excellence in Financial Reporting to the Upper District for its annual comprehensive financial report for the fiscal year ended June 30, 2021. This was the 10th consecutive year that the Upper District has achieved this prestigious award. To be awarded a Certificate of Achievement, a government must publish an easily readable and efficiently organized comprehensive annual financial report. This report must satisfy both generally accepted accounting principles and applicable program requirements.

A Certificate of Achievement is valid for a period of one year only. We believe that our current comprehensive annual financial report continues to meet the Certificate of Achievement Program's requirements and we are submitting it to the GFOA to determine its eligibility for another certificate.

The preparation of this report was accomplished by the combined efforts of Upper District staff. We appreciate the dedicated efforts and professionalism that our staff members bring to the Upper District. We would also like to thank the members of the Board of Directors for their continued support in the planning and implementation of Upper District's fiscal policies.

Respectfully submitted,



Thomas A. Love
General Manager



Evelyn M. Rodriguez
Director of Finance and Administration



Government Finance Officers Association

Certificate of
Achievement
for Excellence
in Financial
Reporting

Presented to

**Upper San Gabriel Valley Municipal Water District
California**

For its Comprehensive Annual
Financial Report
For the Fiscal Year Ended

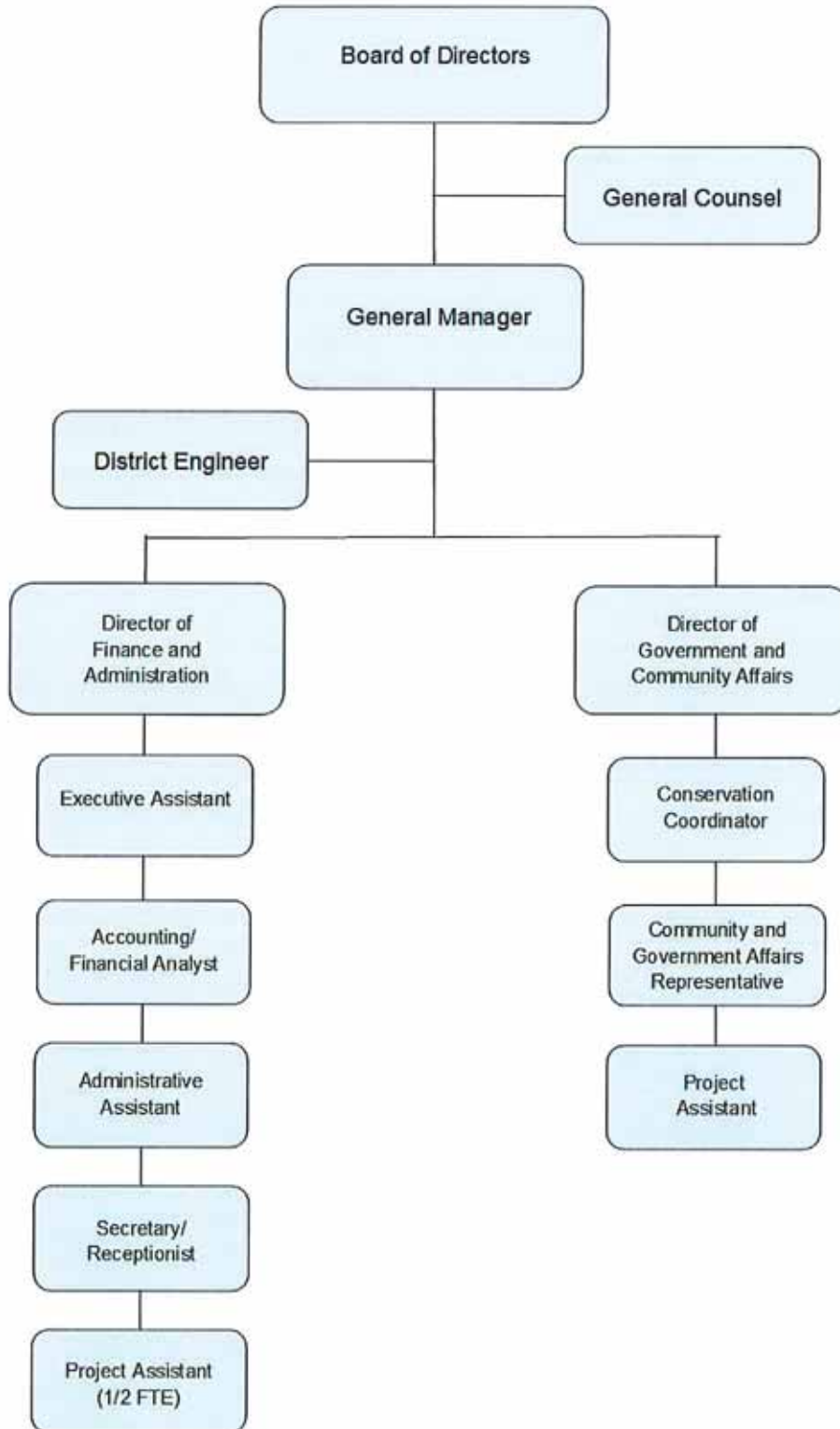
June 30, 2020

Christopher P. Morill

Executive Director/CEO

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Organizational Chart



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Financial Section

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Independent Auditor's Report

Honorable Member of the Board of Directors
Upper San Gabriel Valley Municipal Water District

Report on the Audit of the Financial Statements

Opinion

We have audited the accompanying financial statements of the Upper San Gabriel Valley Municipal Water District (Upper District) as of and for the year ended June 30, 2021, and the related notes to the financial statements, which collectively comprise Upper District's basic financial statements as listed in the table of contents.

In our opinion, the accompanying financial statements present fairly, in all material respects, the respective financial position of Upper District, as of June 30, 2021, and the respective changes in financial position and cash flows thereof for the year then ended in accordance with accounting principles generally accepted in the United States of America, as well as accounting systems prescribed by the California State Controller's office and state regulations governing special districts.

Basis for Opinion

We conducted our audit in accordance with auditing standards generally accepted in the United States of America (GAAS), the standards applicable to financial audits contained in *Government Auditing Standards*, issued by the Comptroller General of the United States, and the State Controller's *Minimum Audit Requirements for California Special Districts*. Our responsibilities under those standards are further described in the Auditor's Responsibilities for the Audit of the Financial Statements section of our report. We are required to be independent of Upper District and to meet our other ethical responsibilities, in accordance with the relevant ethical requirements relating to our audit. We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our audit opinion.

Responsibility of Management for the Financial Statements

Upper District's management is responsible for the preparation and fair presentation of the financial statements in accordance with accounting principles generally accepted in the United States of America, and for the design, implementation, and maintenance of internal control relevant to the preparation and fair presentation of financial statements that are free from material misstatement, whether due to fraud or error.

In preparing the financial statements, management is required to evaluate whether there are conditions or events, considered in the aggregate, that raise substantial doubt about Upper District's ability to continue as a going concern for one year after the date that the financial statements are issued or when applicable, one year after the date that the financial statements are available to be issued.

Auditor's Responsibilities for the Audit of the Financial Statements

Our objectives are to obtain reasonable assurance about whether the financial statements as a whole are free from material misstatement, whether due to fraud or error, and to issue an auditor's report that includes our opinions. Reasonable assurance is a high level of assurance but is not absolute assurance and therefore is not a guarantee that an audit conducted in accordance with GAAS will always detect a material misstatement when it exists. The risk of not detecting a material misstatement resulting from fraud is higher than for one resulting from error, as fraud may involve collusion, forgery, intentional omissions, misrepresentations, or the override of internal control. Misstatements are considered material if there is a substantial likelihood that, individually or in the aggregate, they would influence the judgment made by a reasonable user based on the financial statements.

In performing an audit in accordance with GAAS, we:

- Exercise professional judgment and maintain professional skepticism throughout the audit.
- Identify and assess the risks of material misstatement of the financial statements, whether due to fraud or error, and design and perform audit procedures responsive to those risks. Such procedures include examining, on a test basis, evidence regarding the amounts and disclosures in the financial statements.
- Obtain an understanding of internal control relevant to the audit in order to design audit procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of Upper District's internal control. Accordingly, no such opinion is expressed.
- Evaluate the appropriateness of accounting policies used and the reasonableness of significant accounting estimates made by management, as well as evaluate the overall presentation of the financial statements.
- Conclude whether, in our judgment, there are conditions or events, considered in the aggregate, that raise substantial doubt about Upper District's ability to continue as a going concern for a reasonable period of time.

We are required to communicate with those charged with governance regarding, among other matters, the planned scope and timing of the audit, significant audit findings, and certain internal control-related matters that we identified during the audit.

Required Supplementary Information

Accounting principles generally accepted in the United States of America require that the management's discussion and analysis and the schedules listed in the table of contents, be presented to supplement the basic financial statements. Such information is the responsibility of management and, although not a part of the basic financial statements, is required by the Governmental Accounting Standards Board who considers it to be an essential part of financial reporting for placing the basic financial statements in an appropriate operational, economic, or historical context. We have applied certain limited procedures to the required supplementary information in accordance with auditing standards generally accepted in the United States of America, which consisted of inquiries of management about the methods of preparing the information and comparing the information for consistency with management's responses to our inquiries, the basic financial statements, and other knowledge we obtained during our audit of the basic financial statements. We do not express an opinion or provide any assurance on the information because the limited procedures do not provide us with sufficient evidence to express an opinion or provide any assurance.

Other Information

Management is responsible for the other information included in the annual comprehensive financial report. The other information comprises the introductory section and statistical section but does not include the financial statements and our auditor's report thereon. Our opinion on the financial statements do not cover the other information, and we do not express an opinion or any form of assurance thereon. In connection with our audit of the financial statements, our responsibility is to read the other information and consider whether a material inconsistency exists between the other information and the financial statements, or the other information otherwise appears to be materially misstated. If, based on the work performed, we conclude that an uncorrected material misstatement of the other information exists, we are required to describe it in our report.

Report on Summarized Comparative Information

We have previously audited Upper District's 2020 financial statements, and we expressed an unmodified audit opinion on those audited financial statements in our report dated November 19, 2020. In our opinion, the summarized comparative information presented herein as of and for the year ended June 30, 2020, is consistent, in all material respects, with the audited financial statements from which it has been derived.

Other Matter

Prior-Year Comparative Information

The financial statements include summarized prior-year comparative information. Such information does not include sufficient detail to constitute a presentation in accordance with accounting principles generally accepted in the United States of America. Accordingly, such information should be read in conjunction with the government's financial statements for the year ended June 30, 2020, from which such summarized information was derived.

Other Reporting Required by Government Auditing Standards

In accordance with *Government Auditing Standards*, we have also issued our report dated October 28, 2021, on our consideration of Upper District's internal control over financial reporting and on our tests of its compliance with certain provisions of laws, regulations, contracts, and grant agreements and other matters. The purpose of that report is solely to describe the scope of our testing of internal control over financial reporting and compliance and the results of that testing, and not to provide an opinion on the effectiveness of internal control over financial reporting or on compliance. That report is an integral part of an audit performed in accordance with *Government Auditing Standards* in considering Upper District's internal control over financial reporting and compliance.

Rogers, Anderson, Malody & Scott, LLP.

San Bernardino, California
October 28, 2021

Upper San Gabriel Valley Municipal Water District

Management's Discussion and Analysis For the fiscal year ended June 30, 2021

The following Management's Discussion and Analysis (MD&A) provides an overview of the financial performance and activities of the Upper San Gabriel Valley Municipal Water District (Upper District) for the fiscal years ended June 30, 2021. We encourage readers to consider the information presented here in conjunction with the transmittal letter in the Introductory Section and with the basic financial statements and related notes, which follow this section.

Required Financial Statements

Upper District is a wholesale water utility enterprise and presents its financial statements using the economic resources measurement focus and the full accrual basis of accounting. As an enterprise fund, Upper District's basic financial statements include the statement of net position, statement of revenues, expenses and changes in net position and statement of cash flows. The financial statements also include notes that explain some of the information in the financial statements and provide more detailed data.

The statement of net position presents information on all Upper District's assets and deferred outflows of resources and liabilities and deferred inflows of resources, with the difference between the two reported as net position. Over time, increases or decreases in net position may serve as a useful indicator of whether the financial position of Upper District is improving or deteriorating.

The statement of revenues, expenses and changes in net position presents information showing how Upper District's net position changed during the most recent fiscal year. All changes in net position are reported as soon as the underlying event giving rise to the change occurs, regardless of the timing of related cash flows. Thus, revenues and expenses are recognized on the accrual basis.

The statement of cash flows is related to the other financial statements by the way it links changes in assets and deferred outflows of resources and liabilities and deferred inflows of resources to the effect on cash and cash equivalents over the course of the fiscal year.

The notes to the financial statements provide useful information regarding Upper District's significant accounting policies, and they explain significant account balances and activities, certain material risks, obligations, commitments, contingencies and subsequent events, if any.

Financial Highlights

- During fiscal year 2020/21, the producers and Watermaster made combined imported water purchases of about 60,000 acre feet, an increase of about 25,400 acre feet compared to prior fiscal year's.
- Capital expenditures during the fiscal year consisted mostly of costs associated with the renovation of Upper District's new office amounting to about \$0.29 million.
- District revenues have not been significantly impacted by the COVID-19 pandemic.
- Conservation events and programs scheduled or planned for fiscal year 2020/21 requiring face-to-face encounters have either been postponed or cancelled due to COVID-19 restrictions.

More information on the financial statement variances is covered in the next sections.

Management's Discussion and Analysis
For the fiscal year ended June 30, 2021
Financial Analysis of Upper District

The statements of net position and the statements of revenues, expenses and changes in net position report provide an indication of Upper District's financial health. It provides a basis for evaluating the capital structure and assessing the liquidity and financial flexibility of Upper District.

The following tables summarize Upper District's financial condition and the changes in its net position for the past two years.

Statements of Net Position
Consolidated Statements of Net Position

	June 30		Change	
	2021 (in thousands)	2020 (in thousands)	Dollar (in thousands)	Percentage
Assets				
Current assets	\$ 25,716	\$ 21,972	\$ 3,744	17.04%
Capital assets, net	54,668	55,482	(814)	-1.47%
Total assets	80,384	77,454	2,930	3.78%
Deferred outflows of resources	1,755	927	828	89.32%
Liabilities				
Current liabilities	3,655	3,277	378	11.53%
Noncurrent liabilities	11,608	12,040	(432)	-3.59%
Total liabilities	15,263	15,317	(54)	-0.35%
Deferred inflows of resources	338	474	(136)	-28.69%
Net position				
Net investment in capital assets	46,707	46,884	(177)	-0.38%
Unrestricted	19,831	15,706	4,125	26.26%
Total net position	\$ 66,538	\$ 62,590	\$ 3,948	6.31%

As shown above, Upper District's total assets exceeded liabilities and deferred inflows of resources by \$66.54 million and \$62.59 million as of June 30, 2021 and 2020, respectively, or an increase in net position of \$3.95 million between 2021 and 2020.

Assets

To help address the rapidly declining Basin levels, Upper District began pre-purchasing untreated water for cyclic storage in 2015. As of June 30, 2021 and 2020, Upper District's cyclic storage account has about 8,000 acre feet of water, reported as part of current assets in Upper District's statements of net position.

Increase in current assets amounting to \$3.74 million is largely attributable to significant increase in imported water sales during the fiscal year of about 25,400 acre feet, generating \$2.62 million additional revenue.

Upper San Gabriel Valley Municipal Water District

**Management's Discussion and Analysis
For the fiscal year ended June 30, 2021**

The decrease in net investment in capital assets of about \$0.17 million during fiscal year 2020/21 is mainly due the annual provision for depreciation. There were minimal capital asset additions during fiscal year 2020/21 related to the new office building renovation. Upper District's Indirect Reuse Replenishment Program remained on hold as the District evaluates the full availability of tertiary treated wastewater and alternative project configurations or partnerships particularly Metropolitan's regional, large-scale advanced treated wastewater project.

Liabilities

The increase in Upper District's current liabilities as of June 30, 2021 is due to higher amount owed to MWD for imported water purchases during the months of May and June due to seasonal fluctuations in demand.

Upper District continued to pay down its state revolving loan, reducing amount owed to State Water Resources Control Board by \$0.64 million and \$0.62 million for fiscal years ended June 30, 2021 and 2020, respectively.

Net Position

A large portion of Upper District's net position consists of net investment in capital assets. Capital assets are used by Upper District to provide services to its customers and are, therefore, not available for spending. Consequently, as Upper District continued to invest in its recycled water program to improve water supply reliability, unrestricted net position will generally decrease.

Statements of Revenues, Expenses and Changes in Net Position

The statement of revenues, expenses and changes in net position provide information on the nature and sources of these changes. For the fiscal years ended June 30, 2021 and 2020, Upper District's net position increased by \$3.95 million and \$1.24 million, respectively, as shown by the table below.

Management's Discussion and Analysis
For the fiscal year ended June 30, 2021

Condensed Statements of Revenues, Expenses and Changes in Net Position

	June 30		Change	
	2021 (in thousands)	2020 (in thousands)	Dollar (in thousands)	Percentage
Operating revenue				
Water revenue	\$ 55,708	\$ 32,810	\$ 22,898	69.79%
Water conservation	31	371	(340)	-91.64%
Other operating revenue	115	205	(90)	-43.90%
Total operating revenue	55,854	33,386	22,468	67.30%
Total operating expenses	57,164	37,392	19,772	52.88%
Operating loss	(1,310)	(4,006)	2,696	-67.30%
Standby charges	4,244	4,047	197	4.87%
Investment earnings, taxes, other	764	1,081	(317)	-29.32%
Net nonoperating revenues	5,008	5,128	(120)	-2.34%
Income before contributions	3,698	1,122	2,576	229.59%
Capital contributions	249	121	128	105.79%
Change in net position	3,947	1,243	\$ 2,704	217.54%
Net position, beginning of year	62,591	61,346		
Net position, end of year	\$ 66,538	\$ 62,589		

Operating Revenues

During fiscal year 2020/21, Watermaster ramped up its purchase of untreated water for various producer cyclic storage accounts. Watermaster's untreated water purchases also increased by 11,000 acre feet using additional funds generated by the higher RDA assessment rate for fiscal year 2019/20 groundwater production. These combined increases in untreated water sales generated an additional \$22.5 million in overall revenue.

Nonoperating Revenue/Expenses and Capital Contributions

Nonoperating revenue, generally consisting of standby charges, investment earnings and taxes, have remained relatively stable over the years. In fiscal year 2020/21, Upper District's standby charge rate was set at \$10 per acre per year or \$10 per parcel less than one acre per year. This charge, generating about \$2 million, provides funding for the recycled and water conservation programs. MWD levies a separate standby charge, set at \$9.27 per acre or portion thereof per year, on behalf of Upper District. This charge, generating about \$1.90 million, is used to offset MWD's RTS charge.

Operating Expenses

Upper District purchases imported water from MWD and sets its rates based on MWD's prevailing rates plus a per-acre-foot surcharge.

During fiscal year 2020/21, Watermaster ramped up its purchase of untreated water for various producer cyclic storage accounts as well as its purchases of replenishment water using RDA funds. This increased untreated water purchases by \$20.66 million.

Cancellation or postponement of various water conservation events and projects continued during 2020/21, decreasing programs costs for fiscal year.

Upper San Gabriel Valley Municipal Water District

**Management's Discussion and Analysis
For the fiscal year ended June 30, 2021**

Capital Asset Administration

As of June 30, 2021 and 2020, Upper District's investments in capital assets, net of accumulated depreciation, amounted to \$54.67 million and \$55.48 million, respectively. The following is a summary of capital assets:

	June 30		Change	
	2021 (in thousands)	2020 (in thousands)	Dollar (in thousands)	Percentage
Intangible utility plant	\$ 657	\$ 657	\$ -	0.00%
Construction in progress	8,866	8,576	290	3.38%
Water recycling	52,106	52,106	-	0.00%
Building and improvements	3,548	3,548	-	100.00%
Furniture and equipment	441	437	4	0.92%
Other	116	116	-	0.00%
Subtotal	65,734	65,440	294	0.45%
Less accumulated depreciation	(11,065)	(9,958)	(1,107)	11.12%
Net capital assets	<u>\$ 54,669</u>	<u>\$ 55,482</u>	<u>\$ (813)</u>	-1.47%

For more information regarding Upper District's capital assets, please refer to Note 4 of the Notes to Financial Statements.

Long-term Debt

Construction activities for the City of Industry Project were partially funded by a State Revolving Fund (SRF) loan from the California State Water Resources Control Board (CSWRCB) which, as of June 30, 2021 and 2020, amounted to \$7,961,230 and \$8,597,277, respectively. Detailed information on Upper District's long-term debt is presented under Note 6 in the Notes to Financial Statements.

Water Rates and Other Charges

On June 10, 2020, the Board of Directors approved the water rates and charges for the different classes of water effective January 1, 2021. Please refer to page 51 of the statistical section for Upper District's water rates for the last ten fiscal years. The Board of Directors also approved the adoption of a water standby or availability of service charge at \$10 per acre of land or \$10 for each parcel of land less than an acre within Upper District's service area. This charge generates about \$2 million in revenues.

Conditions Affecting Current Financial Position

Shortly after signs of the COVID-19 pandemic first appeared in California in 2020, Upper District, like most agencies, immediately transitioned staff to a teleworking schedule with minimal disruption in essential service delivery. As vaccines were rolled out and COVID-19 cases declined in Los Angeles County, Upper District was able to fully transition staff to pre-pandemic schedule in the office in June 2021. However, planned events and projects that involve face-to-face encounters continued to be cancelled as concerns about the virus persist.

Upper San Gabriel Valley Municipal Water District

**Management's Discussion and Analysis
For the fiscal year ended June 30, 2021**

Upper District has not seen any significant impacts of the pandemic on its major revenue sources - water sales, standby charge, or taxes. But there has been a notable decrease in water conservation program costs due to cancellation of events and projects impacted by the COVID-19 restrictions in effect.

Requests for Information

This financial report is designed to provide Upper District's funding sources, customers, stakeholders and other interested parties with an overview of Upper District's financial operations and overall financial condition. Should the reader have questions regarding the information included in this report or wish to request additional financial information, please contact Upper District's Director of Finance and Administration at 602 E. Huntington Drive, Suite B, Monrovia, California 91016.

Basic Financial Statements

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Upper San Gabriel Valley Municipal Water District

Statement of Net Position
June 30, 2021
(With comparative data for prior year)

	2021	2020
Assets		
Current assets:		
Cash and cash equivalents (Note 2)	\$ 11,984,460	\$ 9,493,989
Investments	6,162,244	5,166,413
Receivables:		
Water sales	1,473,647	1,017,011
Grants	3,800	25,990
Other	214,090	384,731
Prepurchased water	5,749,227	5,749,227
Prepaid expenses	128,904	134,737
Total current assets	<u>25,716,372</u>	<u>21,972,098</u>
Noncurrent assets:		
Capital assets, not being depreciated (Note 4)	9,522,471	9,233,369
Capital assets, net of depreciation (Note 4)	45,145,324	46,248,591
Total noncurrent assets	<u>54,667,795</u>	<u>55,481,960</u>
Total assets	<u>80,384,167</u>	<u>77,454,058</u>
Deferred outflows of resources		
Pension related (Note 7)	641,535	693,626
OPEB related (Note 9)	1,113,066	233,665
Total deferred outflows of resources	<u>1,754,601</u>	<u>927,291</u>
Liabilities		
Current liabilities:		
Accounts payable:		
Metropolitan Water District	1,790,814	918,470
Other	1,016,120	1,258,382
Accrued liabilities	124,677	390,116
Unearned revenue	30,375	23,900
Due to State Water Resources Control Board, current portion	647,529	636,047
Compensated absences, current portion (Note 5)	45,807	49,825
Total current liabilities	<u>3,655,322</u>	<u>3,276,740</u>
Noncurrent liabilities:		
Net pension liability (Note 7)	2,752,218	2,539,000
Net OPEB liability (Note 9)	1,496,461	1,503,381
Due to State Water Resources Control Board, net of current portion	7,313,701	7,961,230
Compensated absences, net of current portion (Note 5)	45,621	35,999
Total noncurrent liabilities	<u>11,608,001</u>	<u>12,039,610</u>
Total liabilities	<u>15,263,323</u>	<u>15,316,350</u>
Deferred inflows of resources		
Pension related (Note 7)	77,508	168,236
OPEB related (Note 9)	260,355	305,977
Total deferred inflows of resources	<u>337,863</u>	<u>474,213</u>
Net position		
Net investment in capital assets	46,706,565	46,884,683
Unrestricted	19,831,017	15,706,103
Total net position	<u>\$ 66,537,582</u>	<u>\$ 62,590,786</u>

The accompanying notes are an integral part of these financial statements.

Upper San Gabriel Valley Municipal Water District

**FINAL DRAFT
SUBJECT TO CHANGES**

**Statement of Revenues, Expenses and Changes in Net Position
For the fiscal year ended June 30, 2021
(With comparative data for prior year)**

	<u>2021</u>	<u>2020</u>
Operating revenues		
Water revenue	\$ 55,708,272	\$ 32,810,349
Water conservation	30,769	372,176
Other revenues	114,802	205,417
Total operating revenues	<u>55,853,843</u>	<u>33,387,942</u>
Operating expenses		
Sources of supply	48,111,188	28,321,398
Water quality and supply program	3,216,926	2,962,421
Water recycling	895,068	938,739
Conservation	1,265,465	1,694,838
Depreciation	1,106,869	1,101,741
General and administrative	2,568,452	2,372,741
Total operating expenses	<u>57,163,968</u>	<u>37,391,878</u>
Operating loss	<u>(1,310,125)</u>	<u>(4,003,936)</u>
Nonoperating revenues		
Standby charges	4,244,157	4,046,838
Investment earnings	54,657	352,895
Gain on disposal of property	-	4,225
Taxes	708,881	723,563
Total nonoperating revenues	<u>5,007,695</u>	<u>5,127,521</u>
Income before contributions	3,697,570	1,123,585
Capital contributions	<u>249,226</u>	<u>121,005</u>
Change in net position	3,946,796	1,244,590
Net position, beginning of year	<u>62,590,786</u>	<u>61,346,196</u>
Net position, end of year	<u>\$ 66,537,582</u>	<u>\$ 62,590,786</u>

The accompanying notes are an integral part of these financial statements.

Upper San Gabriel Valley Municipal Water District

Statement of Cash Flows
For the fiscal year ended June 30, 2021
(With comparative data for prior year)

	2021	2020
Cash flows from operating activities		
Cash received from customers	\$ 55,596,513	\$ 33,855,466
Cash payments to suppliers for goods and services	(52,280,398)	(31,391,775)
Cash payments for employees for services	(4,157,983)	(1,767,216)
Net cash provided by (used for) operating activities	(841,868)	696,475
Cash flows from noncapital financing activities		
Cash received from property taxes	708,881	723,563
Cash received from standby charges	4,244,157	4,046,838
Net cash provided by (used for) noncapital financing activities	4,953,038	4,770,401
Cash flows from capital and related financing activities		
Acquisition and construction of capital assets	(292,704)	(3,594,044)
Proceeds from sale of property	-	4,225
Repayment of project finance agreements	(636,047)	(624,770)
Capital contributions	249,226	121,005
Net cash provided by (used for) capital and related financing activities	(679,525)	(4,093,584)
Cash flows from investing activities		
Cash received from sale and maturity of investments	1,489,960	5,300,450
Acquisition of investments	(2,485,791)	(5,421,427)
Investment earnings	54,657	307,583
Net cash provided by (used for) investing activities	(941,174)	186,606
Net change in cash and cash equivalents	2,490,471	1,559,898
Cash and cash equivalents, beginning of year	9,493,989	7,934,091
Cash and cash equivalents, end of year	\$ 11,984,460	\$ 9,493,989

The accompanying notes are an integral part of these financial statements.

Upper San Gabriel Valley Municipal Water District

Statement of Cash Flows
For the fiscal year ended June 30, 2021
(With comparative data for prior year), (continued)

	2021	2020
Reconciliation of operating loss to net cash provided by (used for) operating activities:		
Operating loss	\$ (1,310,125)	\$ (4,003,936)
Adjustments to reconcile operating loss to net cash provided by (used for) operating activities:		
Depreciation	1,106,869	1,101,741
(Increase) decrease in assets and deferred outflows of resources:		
Receivables	(263,805)	471,424
Prepurchased water	-	2,473,879
Prepaid expenses	5,833	(53,100)
Deferred outflows of resources	(827,310)	45,665
Increase (decrease) in liabilities and deferred inflows of resources:		
Accounts payable and accrued liabilities	364,643	523,740
Unearned revenue	6,475	(3,900)
Compensated absences	5,604	27,418
Deferred inflows of resources	(136,350)	302,016
Net pension liability	(6,920)	(404,382)
Net OPEB liability	213,218	215,910
Net cash provided by (used for) operating activities	\$ (841,868)	\$ 696,475
Schedule of non-cash operating, noncapital and capital related financing and investing activities		
Fair market value adjustment	\$ (71,853)	\$ 113,940

The accompanying notes are an integral part of these financial statements.

Upper San Gabriel Valley Municipal Water District

Notes to Financial Statements
For the fiscal year ended June 30, 2021

NOTE 1: SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES

Description of the entity

Upper San Gabriel Valley Municipal Water District (Upper District), which comprises an area of approximately 144 square miles, was incorporated on January 7, 1960 under the provisions of the Municipal Water District Law of 1911, as amended, (now cited as "The Municipal Water District Law of 1911", Division 20, California Water Code) as a result of a special election held on December 8, 1959. On March 12, 1963, the voters of Upper District elected to join the Metropolitan Water District of Southern California. On November 2, 1965, the citizens of West Covina voted to join Upper District.

Adjudication proceedings, which established the legal determination of water rights of individual pumpers in the area in relation to the safe yield of the total water basin, were completed on December 29, 1972. The decree established a Watermaster, the Main San Gabriel Basin Watermaster, who took over the function of levying and collecting the assessments that had previously been levied and collected by Upper District through its reimbursement contract and replenishment funds.

Upper District's mission is to consistently meet our region's need for reliable, high quality and affordable water.

Basis of accounting and measurement focus

Upper District is considered an enterprise fund for financial reporting purposes. The accompanying financial statements have been prepared using the economic measurement focus and the accrual basis of accounting, in conformity with generally accepted accounting principles (GAAP) and the Uniform Systems of Accounts for Water Utility Districts as prescribed by the Controller of the State of California. Under this basis of accounting and measurement focus, revenues are recognized when they are earned and expenses are recognized when they are incurred, regardless of the timing of related cash flows. Property taxes are recognized as revenues in the year for which they were levied. Grants and similar items are recognized as revenue as soon as all eligibility requirements imposed by the providers have been met.

Net position

Sometimes Upper District will fund outlays for a particular purpose from both restricted (e.g., grant proceeds) and unrestricted resources. In order to calculate the amounts to report as restricted net position and unrestricted net position in the financial statements, a flow assumption must be made about the order in which the resources are considered to be applied. It is the District's policy to consider restricted net position to have been depleted before unrestricted net position is applied.

Upper San Gabriel Valley Municipal Water District

Notes to Financial Statements
For the fiscal year ended June 30, 2021

NOTE 1: SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES (CONTINUED)

Net position (continued)

Net position is categorized as follows:

- *Net investment in capital assets* – This component of net position consists of capital assets, including restricted capital assets, net of accumulated depreciation reduced by the outstanding balances of any bonds, mortgages, notes or other borrowings that are attributable to the acquisition, construction, or improvement of those assets. If there are significant unspent related debt proceeds at year-end, the portion of the debt attributable to the unspent proceeds are not included in the calculation of net investment in capital assets. Rather, that portion of the debt is included in the same net position component as the unspent proceeds.
- *Restricted* – This component of net position consists of constraints placed on resources through external constraints imposed by creditors (such as through debt covenants), grantors, contributors, or laws or regulations of other governments or constraints imposed by law through constitutional provisions or enabling legislation.
- *Unrestricted* – This component of net position consists of resources that do not meet the definition of "restricted" or "net investment in capital assets."

Upper District distinguishes operating revenues and expenses from nonoperating items. Operating revenues and expenses generally result from providing services and producing and delivering goods in connection with an entity's ongoing operations. Upper District defines operating revenues as those realized by Upper District in exchange for providing its primary services for water sales and water programs including conservation and recycled water. Nonoperating revenues are those derived from the investment of cash reserves and from entities other than customers and other ancillary sources.

Pension

For purposes of measuring the net pension liability and deferred outflows/inflows of resources related to pension, and pension expense, information about the fiduciary net position of the Upper District's California Public Employees' Retirement System (CalPERS) plan (Plan) and additions to/deductions from the Plan's fiduciary net position have been determined on the same basis as they are reported by CalPERS. For this purpose, benefit payments (including refunds of employee contributions) are recognized when due and payable in accordance with the benefit terms. Investments are reported at fair value.

Upper San Gabriel Valley Municipal Water District

Notes to Financial Statements
For the fiscal year ended June 30, 2021

NOTE 1: SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES (CONTINUED)

Postemployment benefits other than pensions (OPEB)

For purposes of measuring the net OPEB liability, deferred outflows of resources and deferred inflows of resources related to OPEB, and OPEB expense information about the fiduciary net position of the Upper District's OPEB Plan and additions to/deductions from the Plan's fiduciary net position have been determined on the same basis as they are reported by the Plan. For this purpose, the Plan recognizes benefit payments when due and payable in accordance with the benefit terms. Investments are reported at fair value, except for money market investments and participating interest-earning investment contracts that have a maturity at the time of purchase of one year or less, which are reported at cost.

Use of estimates

The preparation of financial statements in conformity with accounting principles generally accepted in the United States of America requires management to make estimates and assumptions that affect the reported amounts of assets and liabilities, and changes therein, and disclosure of contingent assets and liabilities. Actual results could differ from those estimates.

Risk management

Upper District is exposed to various risks of loss related to torts: theft of, damage to and destruction of assets; errors and omissions; and natural disasters. It is a member of the Association of California Water Agencies Joint Powers Insurance Authority (Insurance Authority). The Insurance Authority is a risk-pooling, self-insurance authority, created under the provisions of California Government Code Sections 6500 et. seq. The purpose of the Insurance Authority is to arrange and administer programs of insurance for the pooling of self-insured losses and to purchase excess insurance coverage.

On June 30, 2021, Upper District participated in the self-insurance program of the Insurance Authority as follows:

Property Loss – The Insurance Authority has pooled self-insurance up to \$100,000 per occurrence and has purchased excess insurance coverage up to \$500,000,000, with deductibles ranging from \$2,500 to \$50,000.

General, Auto and Public Officials Errors and Omissions Liability – The Insurance Authority has pooled self-insurance up to \$5,000,000 and has purchased excess insurance coverage up to \$55,000,000.

Cyber Liability – The Insurance Authority has pooled self-insurance up to \$5,000,000 per occurrence subject to a \$5,000,000 aggregate limit.

Upper San Gabriel Valley Municipal Water District

**Notes to Financial Statements
For the fiscal year ended June 30, 2021**

NOTE 1: SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES (CONTINUED)

Risk management (continued)

Fidelity: Public Employee Dishonesty, Forgery or Alteration, Computer Fraud & ERISA – The Insurance Authority has pooled self-insurance up to \$100,000 per occurrence, with \$1,000 deductible.

Workers' Compensation – The Insurance Authority has pooled self-insurance up to \$2,000,000 each for workers' compensation and employers' liability. The Insurance authority purchases excess coverage up to the statutory limit of \$4,000,000.

There were no settlements in excess of the insurance coverage in any of the three prior fiscal years.

Cash and cash equivalents

For purposes of the statements of cash flows, cash and cash equivalents have been defined as deposits and highly liquid investments with maturity of 90 days or less at the date of purchase.

Investments

Investments are stated at fair value (the value at which financial instruments could be exchanged in a current transaction between willing parties, other than in a forced liquidation sale). Changes in fair value that occur during a fiscal year are recognized as investment income reported for that fiscal year. Investment income includes interest earnings, changes in fair value, and any gains or losses realized upon the liquidation or sale of investments.

Capital assets and depreciation

Capital assets are recorded at cost. If applicable, donated assets are stated at acquisition value on the date donated. The provision for depreciation is computed using the straight-line method over the estimated service lives of the capital assets. Upper District uses differing capitalization thresholds for the classes of assets based on materiality. Upper District's policy is to review for capitalization those expenditures greater than \$500 that have a useful life of more than one year. Estimated service lives for Upper District's classes of assets are as follows:

Distribution system	50 years
Building	50 years
Building improvements	10 - 15 years
Furniture and equipment	2 - 10 years

Upper San Gabriel Valley Municipal Water District

Notes to Financial Statements
For the fiscal year ended June 30, 2021

NOTE 1: SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES (CONTINUED)

Unearned revenue

Unearned revenue is water revenue paid by customers, as well as, rental revenue paid by a lessee in the current period but is yet to be earned by Upper District.

Compensated absences

Upper District's policy is to permit employees to accumulate a limited amount of earned vacation and sick leave. Accumulated vacation time is accrued at year-end to account for Upper District's obligation to the employees for the amount owed. It is management's belief that the majority of the obligation will be utilized during the course of the next fiscal year. Vacation pay is payable to employees at the time a vacation is taken, cashed out, or upon termination of employment. Normally, an employee cannot accrue more than thirty days of vacation each year. Sick leave is payable when an employee is unable to work because of illness. Upon retirement, an employee will be paid for any unused sick leave.

Overhead absorption

Certain operating expenses are allocated to capital assets using management's allocation of manpower and service estimates that are directly related to the construction of capital assets.

Contributions for capital acquisitions/construction

Contributions for capital acquisitions/construction represent cash and capital asset additions contributed to Upper District by federal, state, and local granting agencies.

Reclassifications

Upper District has reclassified certain prior year information to conform to current year presentation, with no effect on net position.

Budgetary policies

Upper District adopts an annual non-appropriated budget for planning, control, and evaluation purposes. Budgetary control and evaluation are affected by comparisons of actual revenues and expenses with planned revenues and expenses for the period. Encumbrance accounting is not used to account for commitments related to unperformed contracts for construction and services.

Allowance for doubtful accounts

Upper District recognizes bad debt expense relating to receivables when it is probable that the accounts will be uncollectible. As of June 30, 2021, all receivables were deemed collectible.

Upper San Gabriel Valley Municipal Water District

**Notes to Financial Statements
For the fiscal year ended June 30, 2021**

NOTE 1: SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES (CONTINUED)

Property taxes

The County bills and collects property taxes on behalf of numerous special districts and incorporated cities, including Upper District. The Upper District's current year tax collection is received through periodic apportionments from the County. The County's tax calendar is from July 1 to June 30. Property taxes attach as a lien on the property on January 1. Taxes are levied on July 1 and are payable in two equal installments on November 1 and February 1, and become delinquent after December 10 and April 10, respectively.

Prepurchased water

Pre-purchased water consists of groundwater purchased from the Metropolitan Water District and not immediately sold to client agencies. It is valued based upon purchase cost and consumed on a first in first out basis.

NOTE 2: CASH AND INVESTMENTS

Cash and investments are presented in the accompanying financial statements as follows:

Cash and cash equivalents	\$	11,984,460
Investments		6,162,244
Total cash and investments	\$	18,146,704

Cash and investments as of June 30, 2021 consist of the following:

Imprest cash on hand	\$	500
Deposits with financial institutions		1,720,559
Cash with investment broker		26,891
Total cash		1,747,950
Local Agency Investment Fund ⁽¹⁾		10,236,510
Money market mutual funds		112,240
Agency Funds		2,739,766
U.S. Treasury Funds		3,068,838
U.S. Corporate Funds		241,400
Total investments		16,398,754
Total cash and investments	\$	18,146,704

⁽¹⁾Upper District is a voluntary participant in the Local Agency Investment Fund (LAIF), a special fund regulated by the California State Treasury through which each city, district or agency may invest up to \$75 million. As of June 30, 2021, the total fair value of LAIF, including accrued interest was approximately \$193 billion. Upper District's proportionate share of that value is \$7.7 million as of June 30, 2021. Investments in LAIF are highly liquid, as deposits can be converted to cash within 24 hours without loss of interest. As regards to credit rating, LAIF is unrated as of June 30, 2021.

Upper San Gabriel Valley Municipal Water District

**Notes to Financial Statements
For the fiscal year ended June 30, 2021**

NOTE 2: CASH AND INVESTMENTS (CONTINUED)

Investment policy

The Upper District's investment policy outlines the guidelines required to be used in effectively managing Upper District's available cash in accordance with the California Government Code. To address interest rate risk, the Upper District's existing policy limits the maturity of investments to five years, with the exception of special trust funds which shall not be subject to this limitation. To mitigate credit risks associated with its investments, the Upper District's investment policy limits investments to large institutions and requires diversification to ensure that failure of one issuer will not significantly affect the Upper District's cash flow.

Interest rate risk

Interest rate risk is the risk that changes in interest rates will adversely affect the fair value of an investment. Upper District's investments in LAIF have a weighted average maturity of 291 days, generally consistent with its cash flow and liquidity needs. Investments in LAIF are highly liquid, as deposits can be converted to cash within 24 hours without loss of interest.

Information about the sensitivity of the fair values of the Upper District's investments to market interest rate fluctuations is provided by the following table that shows the distribution of the Upper District's investments by maturity.

Maturities of investments at June 30, 2021, were as follows:

Investment Type (including LAIF)	Total	Remaining maturing (in months)			
		12 Months or Less	13 to 36 Months	37 to 60 Months	More than 60 Months
Local Agency Investment Fund	\$ 10,236,510	\$ 10,236,510	\$ -	\$ -	\$ -
Money market mutual funds	112,240	112,240	-	-	-
Agency funds	2,739,766	1,145,104	1,594,662	-	-
U.S. Treasury funds	3,068,838	1,072,480	1,996,358	-	-
U.S. Corporate funds	241,400	181,470	59,930	-	-
Total	\$ 16,398,754	\$ 12,747,804	\$ 3,650,950	\$ -	\$ -

Concentration of credit risk

A concentration of credit risk is the risk of loss attributable to the magnitude of the Upper District's investment in a single issuer. The Upper District's investment policy contains no limitations on the amount that can be invested in any one issuer beyond that stipulated by the California Government Code. As of June 30, 2021, there were no investments in any one issuer (other than U.S. Treasury securities, agency funds, corporate funds, and external investment pools) that represent 5% or more of total Upper District investments.

Upper San Gabriel Valley Municipal Water District

**Notes to Financial Statements
For the fiscal year ended June 30, 2021**

NOTE 2: CASH AND INVESTMENTS (CONTINUED)

Custodial credit risk

Custodial credit risk is the risk that the Upper District will not be able to (a) recover deposits if the depositor financial institution fails, or (b) recover the value of investments or collateral securities that are in the possession of an outside party if the counterparty to the investment or deposit transaction fails.

Deposits

The California Government Code requires California banks and savings and loan associations to secure a local governmental agency's (agency) deposits by pledging government securities as collateral. The market value of pledged securities must equal at least 110% of an agency's deposits. California law also allows financial institutions to secure an agency's deposits by pledging first trust deed mortgage notes having a value of 150% of an agency's total deposits. The agency may waive collateral requirements for deposits, which are fully insured up to \$250,000 by the Federal Deposit Insurance Corporation (FDIC).

Deposits are exposed to custodial credit risk if they are uninsured and are either:

- a. Uncollateralized;
- b. Collateralized with securities held by the pledging financial institution, or by its trust department or agent but not in the depositor-government's name.

At June 30, 2021, Upper District's deposits (bank balances) exceeded the maximum deposit insurance amount by \$1,475,394, which is collateralized as described above.

Investments

The California Government Code authorizes Upper District to invest in obligations of the United States Treasury, agencies, and instrumentalities; prime commercial paper; bankers' acceptances; repurchase and reverse repurchase agreements; financial futures or financial option contracts; negotiable certificates of deposit; obligations of the State of California; and, obligations of local agencies within California.

Investments are exposed to custodial credit risk if they are uninsured, unregistered and held by either:

- a. Counterparty;
- b. The counterparty's trust department or agent but not in the government's name.

Upper San Gabriel Valley Municipal Water District

**Notes to Financial Statements
For the fiscal year ended June 30, 2021**

NOTE 2: CASH AND INVESTMENTS (CONTINUED)

Credit risk

Credit risk is the risk that an issuer or other counterparty to an investment will not fulfill its obligations. The Upper District's investment policy limits eligible investments to large institutions. As of June 30, 2021, Upper District had the majority of its investments in LAIF.

Generally, credit risk is the risk that an issuer of an investment will not fulfill its obligation to the holder of the investment. This is measured by the assignment of a rating by a nationally recognized statistical rating organization. Presented below is the actual rating as of year-end for each investment type.

Credit ratings of investments as of June 30, 2021, were as follows:

Investment Type (including LAIF)	Total	Minimum legal rating	Standard & Poor's Rating as of year end
Local Agency Investment Fund	\$ 10,236,510	N/A	Unrated
Investments:			
Money market mutual funds	112,240	A	AAA
Agency funds	2,739,766	N/A	AA+
U.S. Corporate funds	<u>241,400</u>	N/A	A+
Subtotal	13,329,916		
U.S. Treasury funds	<u>3,068,838</u>		
Total	<u>\$ 16,398,754</u>		

NOTE 3: FAIR VALUE MEASUREMENTS

Generally accepted accounting principles establish a fair value hierarchy that prioritizes the inputs to valuation techniques used to measure fair value. Upper District categorizes its fair value measurements within the fair value hierarchy established by generally accepted accounting principles. The hierarchy is based on the valuation inputs used to measure the fair value of the asset. Level 1 inputs are quoted prices in active markets for identical assets; Level 2 inputs are significant other observable inputs; while Level 3 inputs are significant unobservable inputs.

- Level 1 inputs are quoted prices for identical assets or liabilities in active markets that government can access at the measurement date.

Upper San Gabriel Valley Municipal Water District

**Notes to Financial Statements
For the fiscal year ended June 30, 2021**

NOTE 3: FAIR VALUE MEASUREMENTS (CONTINUED)

- Level 2 inputs include quoted prices for similar assets or liabilities in active markets; quoted prices for identical or similar assets or liabilities in inactive market; inputs other than quoted prices that are observable for the asset or liability; inputs that are derived principally from or corroborated by observable market data by correlation or other means. If the asset or liability has a specified (contractual) term, the level 2 input must be observable for substantially the full term of the asset or liability.

- Level 3 inputs are unobservable inputs for an asset or liability.

The following table represent the Upper District's fair value hierarchy for its financial assets measured at fair value on a recurring basis:

Investment by fair value level	Fair value measurement using			
	Total	Level 1	Level 2	Level 3
Agency funds	\$ 2,739,766	\$ -	\$ 2,739,766	-
U.S. Treasury funds	3,068,838	-	3,068,838	-
U.S. Corporate funds	241,400	-	241,400	-
	6,050,004	\$ -	\$ 6,050,004	\$ -
Investments not subject to fair value measurements:				
LAIF	10,236,510			
Money market mutual funds	112,240			
Total investments	\$ 16,398,754			

Upper District's investments in LAIF as of June 30, 2021 are reported at the Upper District's pro-rata share of the amortized cost provided by LAIF for the entire portfolio.

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Upper San Gabriel Valley Municipal Water District

**Notes to Financial Statements
For the fiscal year ended June 30, 2021**

NOTE 4: CAPITAL ASSETS

Changes in capital assets for the year ended June 30, 2021 were as follows:

	Beginning balance	Increases	Decreases	Ending balance
Capital assets, not being depreciated				
Intangible utility plant	\$ 656,874	\$ -	\$ -	\$ 656,874
Construction in progress	8,576,495	289,102	-	8,865,597
Total capital assets, not being depreciated	9,233,369	289,102	-	9,522,471
Capital assets, being depreciated:				
Buildings and improvements	3,548,056	-	-	3,548,056
Water recycling	52,105,171	-	-	52,105,171
Furniture and equipment	437,377	3,602	-	440,979
Other	116,490	-	-	116,490
Total capital assets, being depreciated	56,207,094	3,602	-	56,210,696
Less accumulated depreciation for:				
Water recycling	(9,504,950)	(1,072,636)	-	(10,577,586)
Furniture and equipment	(331,605)	(34,233)	-	(365,838)
Other	(121,948)	-	-	(121,948)
Total accumulated depreciation	(9,958,503)	(1,106,869)	-	(11,065,372)
Total capital assets being depreciated, net	46,248,591	(1,103,267)	-	45,145,324
Total capital assets, net	\$ 55,481,960	\$ (814,165)	\$ -	\$ 54,667,795

Major capital asset additions during the year include work on various stages of construction projects. A significant portion of these additions were constructed by the Upper District and/or subcontractors.

NOTE 5: COMPENSATED ABSENCES

Changes in compensated absences for the year ended June 30, 2021 were as follows:

Balance at beginning of year	\$ 85,824
Earned by employees	85,890
Taken by/paid to employees	(80,286)
Balance at end of year	91,428
Less current portion	45,807
Long-term portion	\$ 45,621

Upper San Gabriel Valley Municipal Water District

**Notes to Financial Statements
For the fiscal year ended June 30, 2021**

NOTE 6: AGREEMENTS WITH STATE WATER RESOURCES CONTROL BOARD

Project finance agreements (direct borrowing)

In December 2009, Upper District entered into four (4) project finance agreements with the California State Water Resources Control Board (CSWRCB) for a total amount of \$17.02 million for the purpose of financing the planning, design, acquisition, construction, and installation of the Water Recycling Pipeline and Pump Station Project Phase IIB. Principal payments range from \$75,541 to \$527,409 varying by loan. These project funds shall be repaid in annual installments commencing on the date that is one year after completion of construction and payable up to 21 years at zero interest rate. In addition, the Upper District has pledged all net revenues for repayment of the debt. As of June 30, 2021, Upper District has drawn down a total of \$13,171,937 under this agreement. Construction activities funded by the CSWRCB loans were completed as of June 30, 2013.

Balance at the beginning of year	\$	8,597,277
Principal payments		(636,047)
Balance at end of year		<u>7,961,230</u>
Less short-term portion		(647,529)
Long-term portion		<u><u>\$ 7,313,701</u></u>

Amounts due under the agreements, which include imputed interest, are as follows:

Fiscal year ending June 30,	Amount
2022	\$ 791,232
2023	791,232
2024	791,232
2025	791,232
2026	791,232
2027-2031	3,956,162
2032-2033	<u>953,557</u>
Total	<u><u>\$ 8,865,879</u></u>

Upper District repaid \$791,232 during the year ended June 30, 2021, of which \$636,047 related to principal payments and \$155,185 related to imputed interest.

In the event of a termination, Upper District has agreed, upon demand, to immediately repay to the State Water Board an amount equal to installment payments due hereunder, including accrued interest, and all penalty assessments due. In the event of termination, interest shall accrue on all amounts due at the highest legal rate of interest from the date that notice of termination is mailed to the Upper District to the date of full repayment by the Upper District.

Upper San Gabriel Valley Municipal Water District

Notes to Financial Statements
For the fiscal year ended June 30, 2021

NOTE 7: DEFINED BENEFIT PENSION PLAN

A. General information about the Pension Plan

Plan description

All qualified permanent and probationary employees are eligible to participate in the Public Agency Cost-Sharing Multiple-Employer Defined Benefit Pension Plan (Plan) administered by the California Public Employees' Retirement System (CalPERS.) The Plan consists of individual rate plans (benefit tiers) within a safety risk pool (police and fire) and a miscellaneous risk pool (all other). Plan assets may be used to pay benefits for any employer rate plan of the safety and miscellaneous pools. Accordingly, rate plans within the safety or miscellaneous pools are not separate plans under GASB Statement No. 68. Individual employers may sponsor more than one rate plan in the miscellaneous or safety risk pools. The District sponsors a cost sharing multiple employer defined benefit pension plan. Benefit provisions under the Plan are established by State statute and District resolution. CalPERS issues publicly available reports that include a full description of the pension plan regarding benefit provisions, assumptions and membership information that can be found on the CalPERS' website, at www.calpers.ca.gov.

Benefits provided

CalPERS provides service retirement and disability benefits, annual cost of living adjustments and, death benefits to plan members, who must be public employees and beneficiaries. Benefits are based on years of credited service, equal to one year of full time employment. Members with five years of total service are eligible to retire at age 50 with statutorily reduced benefits. All members are eligible for non-duty disability benefits after 5 years of service. The death benefit is one of the following: the Basic Death Benefit, the 1957 Survivor Benefit, or the Optional Settlement 2W Death Benefit. The cost-of-living adjustments for each plan are applied as specified by the Public Employees' Retirement Law.

The Plan operates under the provisions of the California Public Employees' Retirement Law (PERL), the California Public Employees' Pension Reform Act of 2013 (PEPRA), and the regulations, procedures, and policies adopted by the CalPERS Board of Administration. The Plan's authority to establish and amend the benefit terms are set by the PERL and PEPRA, and may be amended by the California state legislature and in some cases require approval by the CalPERS Board.

Upper San Gabriel Valley Municipal Water District

**Notes to Financial Statements
For the fiscal year ended June 30, 2021**

NOTE 7: DEFINED BENEFIT PENSION PLAN (CONTINUED)

Benefits provided (continued)

The Plan's provisions and benefits in effect at June 30, 2021 are summarized as follows:

	Prior to January 1, 2013	On or after January 1, 2013
Hire date	2.7% @ 55	2% @ 62
Benefit formula	5 years service	5 years service
Benefit vesting schedule	monthly for life	monthly for life
Benefit payments	50 - 55	52 - 67
Retirement age	2.0% to 2.7%	1.0% to 2.5%
Monthly benefits, as a % of eligible compensations	8.00%	7.50%
Required employee contribution rates (reporting period)	16.045%	8.239%
Required employer contribution rates (reporting period)		

Contributions

Section 20814(c) of the California Public Employees' Retirement Law (PERL) requires that the employer contribution rates for all public employers be determined on an annual basis by the actuary and shall be effective on the July 1 following notice of a change in the rate. The total plan contributions are determined through CalPERS' annual actuarial valuation process. For public agency cost-sharing plans covered by either the Miscellaneous or Safety risk pools, the Plan's actuarially determined rate is based on the estimated amount necessary to pay the Plan's allocated share of the risk pool's costs of benefits earned by employees during the year, and any unfunded accrued liability. The employer is required to contribute the difference between the actuarially determined rate and the contribution rate of employees. Employer contribution rates may change if plan contracts are amended. Payments made by the employer to satisfy contribution requirements that are identified by the pension plan terms as plan member contribution requirements are classified as plan member contributions. Employer Contributions to the Plan for the fiscal year ended June 30, 2021 were \$332,348. The actual employer payments of \$313,575 made to CalPERS by the District during the measurement period ended June 30, 2020 differed from the District's proportionate share of the employer's contributions of \$353,476 by \$39,901, which is being amortized over the expected average remaining service lifetime in the Public Agency Cost-Sharing Multiple Employer Plan.

B. Net Pension Liability

The District's net pension liability for the Plan is measured as the total pension liability, less the pension plan's fiduciary net position. The net pension liability of the Plan is measured as of June 30, 2020, using an annual actuarial valuation as of June 30, 2019 rolled forward to June 30, 2020 using standard update procedures. A summary of principal assumptions and methods used to determine the net pension liability is as follows.

Upper San Gabriel Valley Municipal Water District

**Notes to Financial Statements
For the fiscal year ended June 30, 2021**

NOTE 7: DEFINED BENEFIT PENSION PLAN (CONTINUED)

Actuarial methods and assumptions used to determine Total Pension Liability

Valuation Date	June 30, 2019
Measurement Date	June 30, 2020
Actuarial Cost Method	Entry Age Normal
Asset Valuation Method:	Market Value of Assets
Discount Rate	7.15%
Inflation	2.50%
Salary Increase	Varies by Entry Age and Service
Mortality Rate Table ¹	Derived using CalPERS' membership data for all funds
Post Retirement Benefit Increase	The lessor of contract COLA or 2.50% until purchasing power protection allowance floor on purchasing power applies, 2.50% thereafter

¹ The mortality table used was developed based on CalPERS' specific data. The probabilities of mortality are based on the 2017 CalPERS Experience Study for the period from 1997 to 2015. Pre-retirement and Post-retirement mortality rates include 15 years of projected mortality improvement using 90% of Scale MP-2016 published by the Society of Actuaries. For more details on this table, please refer to the CalPERS Experience Study and Review of Actuarial Assumptions report from December 2017 that can be found on the CalPERS website.

All other actuarial assumptions used in the June 30, 2019 valuation were based on the results of an actuarial experience study for the period from 1997 to 2015, including updates to salary increase, mortality and retirement rates. The Experience Study report can be obtained at CalPERS' website, at www.calpers.ca.gov.

Long-term expected rate of return

The long-term expected rate of return on pension plan investments was determined using a building-block method in which expected future real rates of return (expected returns, net of pension plan investment expense and inflation) are developed for each major asset class.

In determining the long-term expected rate of return, CalPERS took into account both short-term and long-term market return expectations as well as the expected pension fund cash flows. Using historical returns of all the funds' asset classes, expected compound (geometric) returns were calculated over the short-term (first 10 years) and the long-term (11+ years) using a building-block approach. Using the expected nominal returns for both short-term and long-term, the present value of benefits was calculated for each fund. The expected rate of return was set by calculating the rounded single equivalent expected return that arrived at the same present value of benefits for cash flows as the one calculated using both short-term and long-term returns. The expected rate of return was then set equal to the single equivalent rate calculated above and adjusted to account for assumed administrative expenses.

Upper San Gabriel Valley Municipal Water District

**Notes to Financial Statements
For the fiscal year ended June 30, 2021**

NOTE 7: DEFINED BENEFIT PENSION PLAN (CONTINUED)

Long-term expected rate of return (continued)

The expected real rates of return by asset class are as follows:

Asset Class ¹	Current Strategic Allocation	Real Return Years 1 - 10 ²	Real Return Year 11+ ³
Global Equity	50.0%	4.80%	5.98%
Fixed income	28.0%	1.00%	2.62%
Inflation Sensitive	0.0%	0.77%	1.81%
Private Equity	8.0%	6.30%	7.23%
Real assets	13.0%	3.75%	4.93%
Liquidity	1.0%	0.00%	(0.92%)
Total	<u>100.0%</u>		

¹ In the System's ACFR, Fixed Income is included in Global Debt Securities; Liquidity is included in Short-Term Investments; Inflation Assets are included in both Global Equity Securities and Global Debt Securities.

² An expected inflation of 2.0% used for this period

³ An expected inflation of 2.92% used for this period

Change of assumptions

The Plan adopted a new amortization policy effective with the 2019 actuarial valuation. The new amortization policy shortens the period over which actuarial gains and losses are amortized from 30 years to 20 years with the payments computed as a level dollar amount. In addition, the new policy does not utilize a five-year ramp-up and ramp-down on UAL bases attributable to assumption changes and non-investment gains/losses. The new policy also does not utilize a five-year ramp-down on investment gains/losses. These changes apply only to new UAL bases established on or after June 30, 2019.

Discount rate

The discount rate used to measure the total pension liability for PERF C was 7.15%. The projection of cash flows used to determine the discount rate assumed that contributions from plan members will be made at the current member contribution rates and that contributions from employers will be made at statutorily required rates, actuarially determined. Based on those assumptions, the Plan's fiduciary net position was projected to be available to make all projected future benefit payments of current plan members. Therefore, the long-term expected rate of return on plan investments was applied to all periods of projected benefit payments to determine the total pension liability.

Upper San Gabriel Valley Municipal Water District

**Notes to Financial Statements
For the fiscal year ended June 30, 2021**

NOTE 7: DEFINED BENEFIT PENSION PLAN (CONTINUED)

Pension Plan Fiduciary Net Position

Information about the pension plan's assets, deferred outflows of resources, liabilities, deferred inflows of resources, and fiduciary net position are presented in CalPERS' audited financial statements, which are publicly available reports that can be obtained at CalPERS' website, at www.calpers.ca.gov. The plan's fiduciary net position and additions to/deductions from the plan's fiduciary net position have been determined on the same basis used by the pension plan, which is the economic resources measurement focus and the accrual basis of accounting. Benefits and refunds are recognized when due and payable in accordance with the terms of the plan. Investments are reported at fair value.

The plan fiduciary net position disclosed in the GASB 68 accounting valuation report may differ from the plan assets reported in the funding actuarial valuation report due to several reasons. First, for the accounting valuations, CalPERS must keep items such as deficiency reserves, fiduciary self-insurance and Other Post-Employment Benefits (OPEB) expense included as assets. These amounts are excluded for rate setting purposes in the funding actuarial valuation. In addition, differences may result from early Comprehensive Annual Financial Report closing and final reconciled reserves.

C. Proportionate share of Net Pension Liability

The following table shows the Plan's proportionate share of the net pension liability over the measurement period.

	Increase (Decrease)		
	Plan Total Pension Liability	Plan Fiduciary Net Position	Plan Net Pension Liability
	(a)	(b)	(c) = (a) - (b)
Balance at: 6/30/2019 (VD)	\$ 9,914,683	\$ 7,375,683	\$ 2,539,000
Balance at: 6/30/2020 (MD)	10,663,559	7,911,341	2,752,218
Net change during 2019-20	748,876	535,658	213,218
Valuation Date (VD), Measurement Date (MD)			

The District's proportion of the net pension liability was determined by CalPERS using the output from the Actuarial Valuation System and the fiduciary net position, as provided in the CalPERS Public Agency Cost-Sharing Allocation Methodology Report, which is a publicly available report that can be obtained at CalPERS' website, at www.calpers.ca.gov.

Upper San Gabriel Valley Municipal Water District

**Notes to Financial Statements
For the fiscal year ended June 30, 2021**

NOTE 7: DEFINED BENEFIT PENSION PLAN, (CONTINUED)

The District's proportionate share of the net pension liability for the Plan (miscellaneous) as of the June 30, 2019 and 2020 measurement dates was as follows:

Proportion share of NPL - MD June 30, 2019	0.06340%
Proportion share of NPL - MD June 30, 2020	0.06525%
Change - Increase (Decrease)	0.00185%

Sensitivity of the proportionate share of the Net Pension Liability to changes in the discount rate

The following presents the District's proportionate share of the net pension liability of the Plan as of the measurement date, calculated using the discount rate of 7.15%, as well as what the net pension liability would be if it were calculated using a discount rate that is 1 percentage-point lower (6.15%) or 1 percentage-point higher (8.15%) than the current rate:

	Discount Rate - 1% (6.15%)	Current Discount Rate (7.15%)	Discount Rate + 1% (8.15%)
Miscellaneous Plan's Net Pension Liability	\$ 4,171,277	\$ 2,752,218	\$ 1,579,694

Subsequent events

There were no subsequent events that would materially affect the results presented in this disclosure.

Amortization of deferred outflows and deferred inflows of resources

Under GASB 68, gains and losses related to changes in total pension liability and fiduciary net position are recognized in pension expense systematically over time.

The first amortized amounts are recognized in pension expense for the year the gain or loss occurs. The remaining amounts are categorized as deferred outflows and deferred inflows of resources related to pensions and are to be recognized in future pension expense.

Upper San Gabriel Valley Municipal Water District

**Notes to Financial Statements
For the fiscal year ended June 30, 2021**

NOTE 7: DEFINED BENEFIT PENSION PLAN (CONTINUED)

Amortization of deferred outflows and deferred inflows of resources (continued)

The amortization period differs depending on the source of the gain or loss:

Net difference between projected and actual earnings on pension plan investments	5 year straight-line amortization
--	-----------------------------------

All other amounts	Straight-line amortization over the average expected remaining services lives (EARSL) of all members that are provided with benefits (active, inactive and retired) as of the beginning of the measurement period
-------------------	---

The expected average remaining service lifetime (EARSL) is calculated by dividing the total future service years by the total number of plan participants (active, inactive, and retired) in the Public Agency Cost-Sharing Multiple-Employer Plan (PERF C).

The EARSL for PERF C for the measurement period ending June 30, 2020 is 3.8 years, which was obtained by dividing the total service years of 548,581 (the sum of remaining service lifetimes of the active employees) by 145,663 (the total number of participants: active, inactive, and retired). Note that inactive employees and retirees have remaining service lifetimes equal to 0. Also note that total future service is based on the members' probability of decrementing due to an event other than receiving a cash refund.

D. Pension expense and deferred outflows and deferred inflows of resources related to pensions

As of the state of the measurement period (July 1, 2019), the District's net pension liability was \$2,539,000. For the measurement period ending June 30, 2020 (the measurement date), the District incurred a pension expense of \$506,929.

Upper San Gabriel Valley Municipal Water District

**Notes to Financial Statements
For the fiscal year ended June 30, 2021**

NOTE 7: DEFINED BENEFIT PENSION PLAN (CONTINUED)

As of June 30, 2021, the District has deferred outflows and deferred inflows of resources related to pensions as follows:

	Deferred outflows of resources	Deferred inflows of resources
Difference between expected and actual experience	\$ 141,830	\$ -
Changes in assumptions	-	19,630
Difference between projected and actual investment earnings	81,759	-
Difference between employer's contribution and proportionate share of contributions	-	57,878
Change in employer's proportion	85,598	-
Pension contributions made subsequent to measurement date	332,348	-
Totals	\$ 641,535	\$ 77,508

These amounts above are net of outflows and inflows recognized in the 2019-20 measurement period expense. Contributions subsequent to the measurement date of \$332,348 reported with deferred outflows of resources will be recognized as a reduction of the net pension liability in the upcoming fiscal year. Other amounts reported as deferred outflows and deferred inflows of resources related to pensions will be recognized in future pension expense as follows:

Fiscal year ended June 30,	Deferred outflows/(inflows) of resources, net
2022	\$ 40,914
2023	86,413
2024	65,138
2025	39,214
2026	-
Thereafter	-

E. Payable to the pension plan

At June 30, 2021, the District reported a payable of \$-0- for the outstanding amount of contributions to the pension plan required for the year then ended.

Upper San Gabriel Valley Municipal Water District

**Notes to Financial Statements
For the fiscal year ended June 30, 2021**

NOTE 8: DEFERRED COMPENSATION AGREEMENT

Upper District offers its employees a deferred compensation plan (DC Plan) created in accordance with Internal Revenue Code Section 457. The DC Plan, available to all of the Upper District employees, permits them to defer a portion of their salary until future years. The deferred compensation is not available to employees until termination, retirement, death or an unforeseeable emergency.

All amounts of compensation deferred under the DC Plan are held in trust, not controlled by the District and are not subject to the creditors of the Upper District. Accordingly, the assets and liabilities of the DC Plan are not reflected on these financial statements in accordance with GASBS 84.

NOTE 9: OTHER POSTEMPLOYMENT BENEFITS (OPEB)

A. General information about the OPEB Plan

Plan description

Upper District has an agent multiple-employer defined benefit plan administered by CalPERS through an irrevocable trust, the California Employer's Retiree Benefit Trust (CERBT). The CalPERS Board of Administration has sole and exclusive control and power over the administration and investment of the CERBT. The plan itself does not issue a separate set of financial statements. The CERBT plan does issue a separate set of financial statements that can be obtained from the CalPERS website.

Upper District's postemployment healthcare benefits provided to certain qualified employees, directors and their dependents based on resolutions by the Board of Directors are as follows:

- A Health & Accident and Major Medical Payments Insurance Policy, as selected and approved by the Board.
- A maximum of \$2,500 per calendar year for retirees and their dependents for medical costs not covered by the insurance policy above.
- A maximum of \$2,500 per calendar year for costs of dental, vision and/or hearing.

These benefits are provided to each retired employee who has served the Upper District for more than ten years before terminating employment at age 55 years or older and each retired director who served in office after January 1, 1981, was elected to the board prior to January 1, 1995, has served not less than twelve years or three full terms of office and has attained the age of 50 years.

Upper San Gabriel Valley Municipal Water District

**Notes to Financial Statements
For the fiscal year ended June 30, 2021**

NOTE 9: OTHER POSTEMPLOYMENT BENEFITS (OPEB) (CONTINUED)

Employees covered by benefit terms

At June 30, 2019 (valuation date), the following employees were covered by the benefit terms of the Plan:

Category	Count
Active employees	12
Inactive employees or beneficiaries currently receiving benefits	8
Inactive employees entitled to but not yet receiving benefit payments	-
Total	20

Contributions and funding policy

The contribution requirements of plan members and the Upper District are established and may be amended by the Board of Directors. In March 2014, the Board of Directors authorized the execution of the prefunding agreement with the CERBT and fully funding the annual required contributions (contractually determined) for OPEB.

During fiscal year ended June 30, 2021, Upper District contributed \$1,078,249 to the Plan. At June 30, 2020, the Trust account balance was \$1,100,993. The Trust assets are dedicated to providing benefits to retirees and are legally protected from the creditors of the Upper District and the plan members. The Trust assets are not reported in the Upper District's financial statements.

B. Net OPEB Liability

Upper District's net OPEB liability was measured as of June 30, 2020, and the total OPEB liability used to calculate the net OPEB liability was determined by an actuarial valuation as of June 30, 2019.

Actuarial assumptions

This valuation assumes that the Upper District will fund the Plan on an ad hoc basis, in an amount sufficient to fully fund the obligation over a period not to exceed 30 years. The Normal Cost is the portion of the Actuarial Present Value of benefits allocated to a valuation year. The UAAL is the excess of the Entry Age Normal Actuarial Accrued Liability over the Market Value of Assets.

Upper San Gabriel Valley Municipal Water District

**Notes to Financial Statements
For the fiscal year ended June 30, 2021**

NOTE 9: OTHER POSTEMPLOYMENT BENEFITS (OPEB), (CONTINUED)

The total OPEB liability for the June 30, 2019 actuarial valuation was determined using the following actuarial assumptions, applied to all periods included in the measurement, unless otherwise specified:

Actuarial Assumptions:

Actuarial cost method	Entry age actuarial cost method
Asset valuation method	Market value of assets
Inflation	2.75%
Salary Increases	2.75% per year
Investment Rate of Return	7.0% per year of net experience; based on assumed long-term return on plan assets assuming 100% funding through CERBT using the Building Block Method
Healthcare cost trend rates	4% per year
Mortality rates	Based on 2014 CalPERS active mortality for miscellaneous employees

The valuation used historic 30-year real rates of return for each class along with the assumed long-term inflation assumption to set the discount rate. It offsets the expected investment return by investment expenses of 25 basis points. Following is the assumed asset allocation and assumed rate of return for each asset class:

Asset Class	Percentage of Portfolio	Assumed Growth Return
Equities	59%	7.7950%
Fixed income	25%	4.5000%
Real estate investment trusts	8%	7.5000%
Commodities	3%	7.7950%
Treasury Inflation Protected Securities (TIPS)	5%	3.2500%
Total	100%	

Discount rate

The discount rate used to measure the total OPEB liability was 7.0%. This assumes that contributions would be sufficient to fully fund the obligation over a period not to exceed 30 years. The rate is based on the real rate of return expected for plan assets plus long-term inflation assumption.

Upper San Gabriel Valley Municipal Water District

**Notes to Financial Statements
For the fiscal year ended June 30, 2021**

NOTE 9: OTHER POSTEMPLOYMENT BENEFITS (OPEB), (CONTINUED)

Change in the Net OPEB Liability

	Increases (Decreases)		
	Total OPEB Liability (a)	Plan Fiduciary Net Position (b)	Net OPEB Liability/(Asset) (c) = (a) - (b)
Balance at June 30, 2020 (Measurement Date June 30, 2019)	\$ 2,460,087	\$ 956,706	\$ 1,503,381
Changes for the year:			
Service cost	77,388	-	77,388
Interest on the total OPEB liability	171,028	-	171,028
Contributions - employer	-	226,843	(226,843)
Investment income	-	33,812	(33,812)
Expected less actual benefit payment	4,851	-	4,851
Investment gains/losses	-	-	-
Benefit payments	(115,900)	(115,900)	-
Administrative expenses	-	(468)	468
Net Changes	<u>137,367</u>	<u>144,287</u>	<u>(6,920)</u>
Balance at June 30, 2021 (Measurement Date June 30, 2020)	<u>\$ 2,597,454</u>	<u>\$ 1,100,993</u>	<u>\$ 1,496,461</u>

Sensitivity of the net OPEB liability to changes in the discount rate

The net OPEB liability of the Upper District, as well as what the net OPEB liability would be if it were calculated using a discount rate that is one percentage point lower (6.0%) or one percentage point higher (8.0%) follows:

	Discount rate 1% Lower	Valuation Discount Rate	Discount rate 1% Higher
Net OPEB Liability	\$ 1,784,057	\$ 1,496,461	\$ 1,254,117

Sensitivity of the net OPEB liability to changes in the healthcare cost trend rates

The net OPEB liability of the Upper District, as well as what the net OPEB liability would be if it were calculated using healthcare cost trend rates that are one percentage point lower or one percentage point higher than current healthcare cost trend rates follows:

	Trend 1% Lower	Valuation Trend	Trend 1% Higher
Net OPEB Liability	\$ 1,225,992	\$ 1,496,461	\$ 1,811,032

Upper San Gabriel Valley Municipal Water District

Notes to Financial Statements
For the fiscal year ended June 30, 2021

NOTE 9: OTHER POSTEMPLOYMENT BENEFITS (OPEB) (CONTINUED)

OPEB expense and deferred inflows and outflows of resources related to OPEB

For the year ended June 30, 2021, Upper District recognized OPEB expense of \$146,306 with details as follows:

	Total
Service cost	\$ 77,388
Interest on total OPEB liability	171,028
Recognized experience (gains)/losses	(40,771)
Expected return of assets	(70,836)
Recognized investment (gains)/losses	9,029
Administration expense	468
Total OPEB Expense	\$ 146,306

At June 30, 2021, Upper District reported deferred outflows of resources and deferred inflows of resources related to OPEB from the following sources:

	Deferred outflows of resources	Deferred inflows of resources
OPEB contributions subsequent to measurement date	\$ 1,078,249	\$ -
Experience gains/losses	-	260,355
Investment gains/losses	34,817	-
Total	\$ 1,113,066	\$ 260,355

The \$1,078,249 reported as deferred outflows of resources related to contributions subsequent to the measurement date will be recognized as a reduction of the net OPEB liability in the upcoming fiscal year. Other amounts reported as deferred inflows of resources related to OPEB will be recognized as follows:

Fiscal year ended June 30:	Deferred outflows/(inflows) of resources
2022	\$ (31,742)
2023	(31,742)
2024	(31,416)
2025	(33,367)
2026	(40,771)

Upper San Gabriel Valley Municipal Water District

**Notes to Financial Statements
For the fiscal year ended June 30, 2021**

NOTE 10: COMMITMENTS AND CONTINGENCIES

Operating lease

Upper District has entered into a non-cancellable operating lease for its office space in Monrovia, California. Amounts due under the lease are as follows:

Year ending June 30	Amount
2021	\$ 246,013
2022	20,551
Total	\$ 266,564

On July 25, 2018, the lease was amended providing the Upper District an ongoing right to terminate the lease on or after August 1, 2018 with twelve (12) months prior written notice to the lessor. The Upper District incurred rental expense of \$241,243 for the year ended June 30, 2021.

Grant awards

Upper District has received funds for specific purposes that are subject to review and audit by the grantors. Although such audits could generate expenditure disallowances under terms of the grants or contracts, management believes that any required reimbursements will not be material.

Litigation

Legal claims and lawsuits arise from time to time in the normal course of business, which, in the opinion of management, will have no material effect on the Upper District's financial position.

Construction activities

Upper District has a variety of agreements with private contractors relating to the construction of water recycling projects. Upper District has no commitments from open construction contracts as of June 30, 2021.

NOTE 11: COVID 19 CONSIDERATIONS

On March 11, 2020, the World Health Organization declared the novel strain of coronavirus (COVID-19) a global pandemic and recommended containment and mitigation measures worldwide. The COVID-19 outbreak in the United States caused business disruption through mandated and voluntary closings of businesses and shelter in place orders for all but those deemed essential services. It is possible that this matter may still negatively impact the District as new strains may occur, however, the ultimate financial impact and duration cannot be estimated at this time, and no adjustments have been made to these financial statements as a result of this uncertainty.

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Required Supplementary Information

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Schedule of the District's Proportionate Share of the Net Pension Liability and Related Ratios as of the Measurement Date Last 10 Years*

Measurement date	Employer's proportion of the collective net pension liability (asset)	Employer's proportionate share of the collective net pension liability ¹	Covered payroll	Employer's proportionate share of the collective net pension liability as a percentage of the employer's covered payroll	Pension plan's fiduciary net position as a percentage of the total pension liability
June 30, 2014	0.020400%	\$ 1,269,653	\$ 1,087,130	116.79%	83.23%
June 30, 2015	0.022304%	1,528,941	1,188,341	128.66%	79.89%
June 30, 2016	0.023155%	2,003,628	1,191,276	168.19%	75.87%
June 30, 2017	0.023753%	2,355,668	943,618	249.64%	75.44%
June 30, 2018	0.024108%	2,323,090	1,127,628	206.02%	75.50%
June 30, 2019	0.024778%	2,539,000	1,310,022	193.81%	74.39%
June 30, 2020	0.025300%	2,752,218	1,423,225	193.38%	74.39%

¹ Proportion of the collective net pension liability represents the plan's proportion of PERF C, which includes both the Miscellaneous and Safety Risk Pools excluding the 1959 Survivors Risk Pool.

* Historical information is required only for measurement periods for which it is applicable. Future years' information will be displayed up to 10 years as information becomes available.

**Schedule of Pension Plan Contributions
Last 10 Years***

<u>Fiscal year</u>	<u>Actuarially determined contribution</u>	<u>Contributions in relation to the actuarially determined contribution</u>	<u>Contribution deficiency (excess)</u>	<u>Covered payroll</u>	<u>Contributions as a Percentage of Covered Payroll</u>
June 30, 2015	\$ 204,555	\$ (708,613)	\$ (504,058)	\$ 1,188,341	59.63%
June 30, 2016	228,626	(228,626)	-	1,191,276	19.19%
June 30, 2017	203,040	(203,040)	-	943,618	21.52%
June 30, 2018	217,448	(217,448)	-	1,127,628	19.28%
June 30, 2019	270,063	(270,063)	-	1,310,122	20.61%
June 30, 2020	313,575	(313,575)	-	1,423,225	22.03%
June 30, 2021	332,348	(332,348)	-	1,361,709	24.41%

Notes to Schedule:

Change in benefit terms: None

Changes in assumptions: For 2020, the Plan adopted a new amortization policy effective with the 2019 actuarial valuation. The new amortization policy shortens the period over which actuarial gains and losses are amortized from 30 years to 20 years with the payments computed as a level dollar amount. In addition, the new policy does not utilize a five-year ramp-up and ramp-down on UAL bases attributable to assumption changes and non-investment gains/losses. The new policy also does not utilize a five-year ramp-down on investment gains/losses. These changes apply only to new UAL bases established on or after June 30, 2019. There were no changes in assumptions in 2019. In 2018, demographic assumptions and inflation rate were changed in accordance to the CalPERS Experience Study and Review of Actuarial Assumptions December 2017. There were no changes in the discount rate in 2019. In 2017, the accounting discount rate was reduced from 7.65 percent to 7.15 percent. In 2016, there were no changes in the discount rate. In 2015, amounts reported reflect an adjustment of the discount rate from 7.5 percent (net of administrative expense) to 7.65 percent (without a reduction for pension plan administrative expense). In 2014, amounts reported were based on the 7.5 percent discount rate.

* Historical information is required only for measurement periods for which it is applicable. Future years' information will be displayed up to 10 years as information becomes available.

Schedule of Changes in the Net OPEB Liability and Related Ratios
Last 10 Years*

Measurement date	2017	2018	2019	2020
Total OPEB Liability				
Service cost	\$ 52,554	\$ 53,999	\$ 55,484	\$ 77,388
Interest on the Total OPEB Liability	171,159	177,712	183,972	171,028
Actual and expected experience difference	-	-	-	-
Experience gains/losses	-	-	(307,813)	-
Changes in assumptions	-	-	-	-
Expected less actual benefit payments	-	-	-	4,851
Benefit payments	(120,998)	(142,099)	(143,959)	(115,900)
Net change in Total OPEB Liability	102,715	89,612	(212,316)	137,367
Total OPEB Liability - beginning	2,480,076	2,582,791	2,672,403	2,460,087
Total OPEB Liability - ending (a)	2,582,791	2,672,403	2,460,087	2,597,454
Plan Fiduciary Net Position				
Contribution - employer	433,842	261,275	247,902	226,843
Net investment income	43,890	46,053	58,540	33,812
Investment gains and losses	-	1,650	(9,766)	-
Benefit payments	(120,998)	(142,099)	(104,446)	(115,900)
Administrative expense	(232)	(1,112)	(164)	(468)
Net change in Plan Fiduciary Net Position	356,502	165,767	192,066	144,287
Plan Fiduciary Net Position - beginning	242,371	598,873	764,640	956,706
Plan Fiduciary Net Position - ending (b)	598,873	764,640	956,706	1,100,993
Net OPEB Liability - ending (a) - (b)	\$ 1,983,918	\$ 1,907,763	\$ 1,503,381	\$ 1,496,461
Plan fiduciary net position as a percentage of the total OPEB liability	23.19%	28.61%	38.89%	42.39%
Covered-employee payroll ¹	\$ 1,107,374	\$ 1,294,561	\$ 1,366,231	\$ 1,449,600
Net OPEB liability as a percentage of covered-employee payroll ¹	179.16%	147.37%	110.04%	103.23%

¹ Contributions to the OPEB plan are not based on a measure of pay.

Notes to schedule:

The following assumptions were changed from the 2017 valuation to the 2019 valuation:

Mortality assumptions: Based on the 2014 CalPERS Active Mortality for Miscellaneous Employees.

Healthcare trend: Medical plan premiums are assumed to increase at somewhat higher rates than assumed in the prior valuation, with the ultimate trend of 5.0% per year, rather than 4.5% per year assumed in the prior valuation.

Excise Tax on high cost coverage: The valuation reflects the two year delay in the effective date from 2020 to 2022, as enacted in the Tax Cuts and Jobs Act.

* Historical information is required only for measurement periods for which it is applicable. Future years' information will be displayed up to 10 years as information becomes available.

Schedule of OPEB Plan Contributions
Last 10 Years*

Fiscal year	Contractually determined contribution	Contributions in relation to the contractually determined contribution	Contribution deficiency (excess)	Covered-employee payroll ¹	Contributions as a percentage of employee covered payroll
June 30, 2018	\$ 120,856	\$ (240,032)	\$ (119,176)	\$ 1,294,561	18.54%
June 30, 2019	104,446	(247,902)	(143,456)	1,366,231	18.14%
June 30, 2020	226,843	(226,843)	-	1,449,600	15.65%
June 30, 2021	230,663	(1,078,249)	(847,586)	1,077,504	100.07%

¹ Contributions to the OPEB plan are not based on a measure of pay.

Notes to schedule:

Actuarial methods and assumptions used to set actuarially determined contributions for fiscal year 2019 were from the June 30, 2019 actuarial valuation.

Methods and assumptions used to determine contributions:

Actuarial cost method	Entry age actuarial cost method
Amortization methodology	Straight-line recognition over the expected average remaining service lifetime (EARSL) of all members that are provided with benefits as of the beginning of the Measurement Period. In determining the EARSL, all active, retired, and inactive (vested) members are counted, with the latter two groups having 0 remaining service years
Asset valuation method	Market value of assets
Inflation	2.75%
Payroll growth	2.75% per year; since benefits are not related to pay, this is used only to allocate the cost of benefits between service years
Investment rate of return	7.0% per year of net experience; based on assumed long-term return on plan assets assuming 100% funding through CERBT using the Building Block Method
Healthcare trend	4.0% per year
Retirement age	2009 CalPERS 2.0% @ 60 rates for Miscellaneous Employees; 2009 CalPERS 2.7% @ 55 rates for Miscellaneous Employees
Mortality	2014 CalPERS Active Mortality for Miscellaneous Employees

* Historical information is required only for measurement periods for which it is applicable. Future years' information will be displayed up to 10 years as information becomes available.

**Statistical Section
(Unaudited)**

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Statistical Section

This part of the Upper District's comprehensive annual financial report presents detailed information as a context for understanding what the information in the financial statements, note disclosures, and required supplementary information says about the Upper District's overall financial health.

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Demographic Information This schedule offers demographic indicators to help the reader understand the environment within which the Upper District's financial activities take place.	53
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Upper San Gabriel Valley Municipal Water District

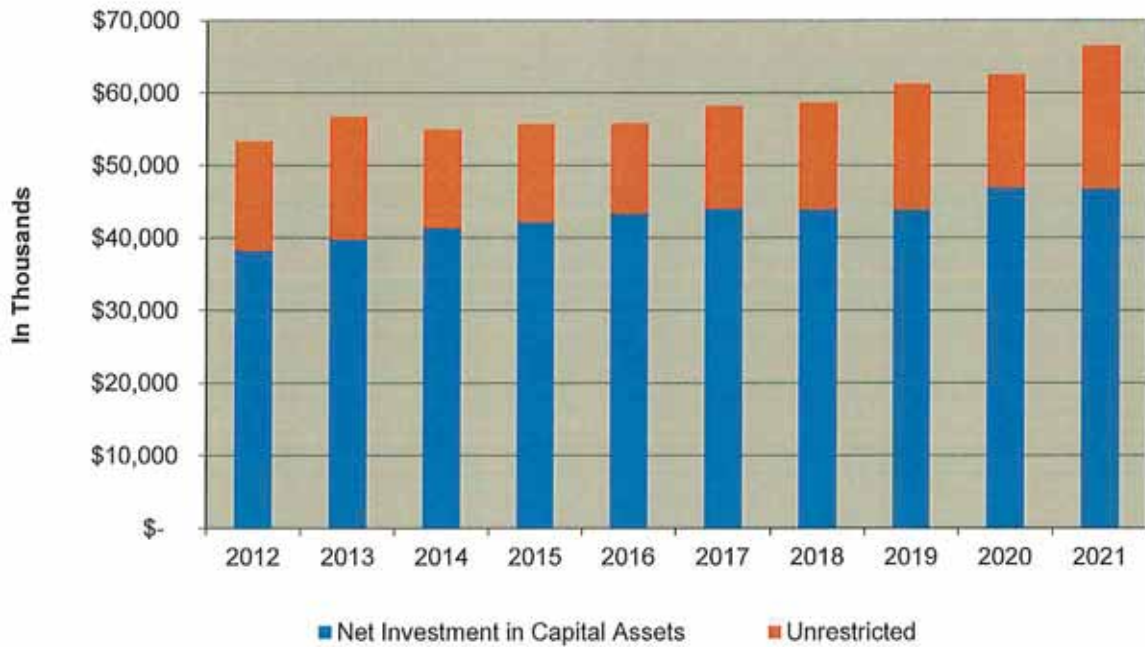
Changes in Net Position
Last Ten Fiscal Years (Unaudited)
(In Thousands)

	Fiscal Year Ended June 30									
	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Changes in net position:										
Operating revenues	\$ 15,316	\$ 12,837	\$ 26,691	\$ 37,928	\$ 20,800	\$ 38,154	\$ 22,671	\$ 38,384	\$ 33,388	\$ 55,854
Operating expenses	(18,856)	(16,842)	(29,801)	(39,849)	(23,770)	(39,557)	(26,900)	(39,515)	(36,290)	(56,057)
Depreciation and amortization	(377)	(496)	(1,066)	(1,072)	(1,121)	(1,100)	(1,090)	(1,111)	(1,102)	(1,107)
Operating income (loss)	(3,917)	(4,501)	(4,176)	(2,993)	(4,091)	(2,503)	(5,319)	(2,242)	(4,004)	(1,310)
Nonoperating revenues (expenses)										
Standby charges	3,576	3,542	3,584	3,623	3,541	3,576	3,541	3,648	4,047	4,244
Nonoperating program expenses	(2,306)	(991)	(524)	(592)	(168)	29	29	-	-	-
Investment earnings	65	41	32	66	91	48	132	422	353	55
Taxes	337	379	416	372	441	546	586	613	724	709
Gain on sale of property and equipment	-	-	-	-	-	-	1,427	-	-	-
Change in fair value of investments	-	-	3	2	-	-	-	-	-	-
Net nonoperating revenues (expenses)	1,672	2,971	3,511	3,471	3,905	4,199	5,715	4,663	5,128	5,008
Net income (loss) before capital contributions	(2,245)	(1,530)	(667)	478	(185)	1,696	396	2,441	1,124	3,688
Contributions for capital acquisition/construction	1,645	4,927	349	348	208	685	1,329	188	121	249
Changes in net position	\$ (600)	\$ 3,397	\$ (318)	\$ 826	\$ 22	\$ 2,381	\$ 1,725	\$ 2,627	\$ 1,245	\$ 3,947

Source: Finance and Administration Department

Net Position by Component
Last Ten Fiscal Years (Unaudited)
(In Thousands)

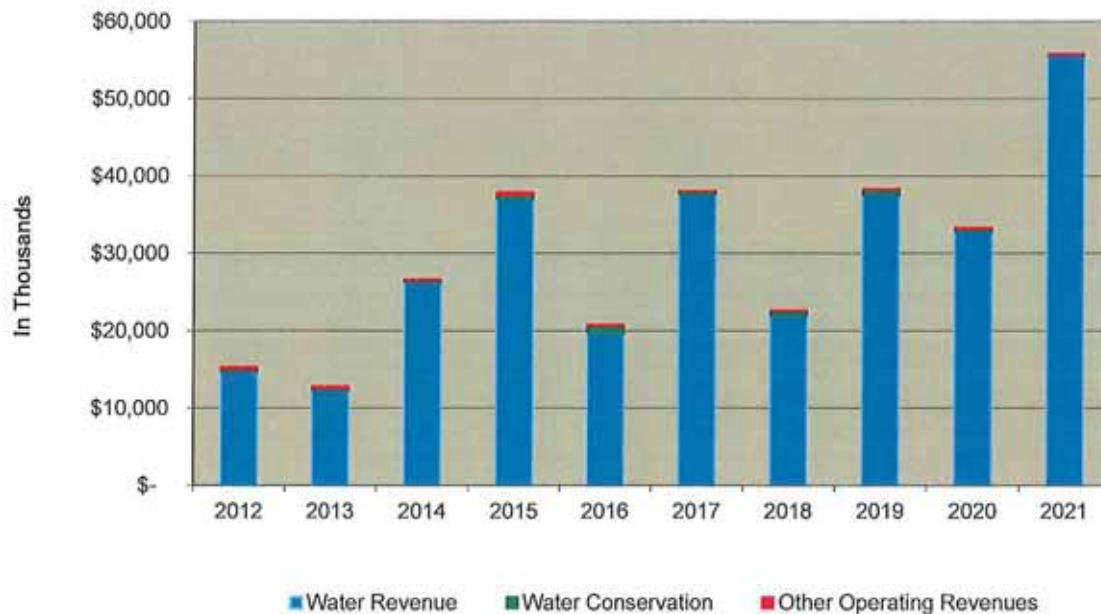
June 30	Net Investment in Capital Assets	Unrestricted	Total
2012	\$ 38,165	\$ 15,216	\$ 53,381
2013	39,778	17,000	56,778
2014	41,349	13,667	55,016
2015	42,128	13,714	55,842
2016	43,278	12,587	55,865
2017	44,009	14,237	58,246
2018	43,847	14,872	58,719
2019	43,768	17,578	61,346
2020	46,885	15,706	62,591
2021	46,707	19,831	66,538



Source: Finance and Administration Department

**Operating Revenues by Major Source
Last Ten Fiscal Years (Unaudited)
(In Thousands)**

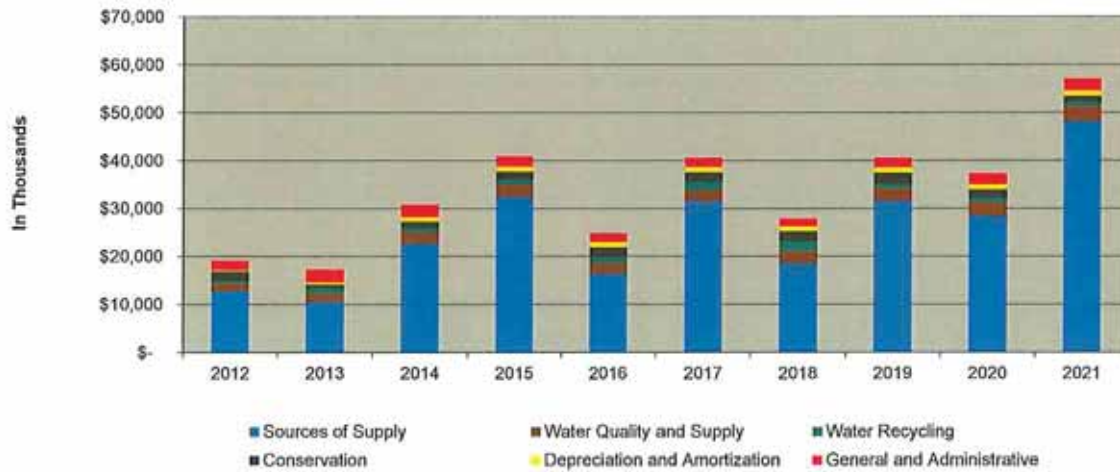
Fiscal Year Ended June 30	Water Revenue	Water Conservation	Other Operating Revenues	Total Operating Revenues
2012	\$ 14,714	\$ 333	\$ 269	\$ 15,316
2013	12,395	195	247	12,837
2014	26,259	245	187	26,691
2015	37,021	545	362	37,928
2016	19,670	996	134	20,800
2017	37,646	430	78	38,154
2018	21,880	713	77	22,670
2019	37,459	837	88	38,384
2020	32,810	372	206	33,388
2021	55,708	31	115	55,854



Source: Finance and Administration Department

**Operating Expenses by Activity
Last Ten Fiscal Years (Unaudited)
(In Thousands)**

Fiscal Year Ended June 30	Sources of Supply	Water Quality and Supply	Water Recycling	Conservation	Depreciation and Amortization	General and Administrative	Total Operating Expenses
2012	\$ 12,730	\$ 1,619	\$ 639	\$ 1,782	\$ 378	\$ 2,085	\$ 19,233
2013	10,524	1,814	1,080	776	496	2,648	17,338
2014	22,657	2,439	781	1,323	1,068	2,601	30,869
2015	32,366	2,623	927	1,767	1,072	2,166	40,921
2016	16,345	2,342	1,066	2,127	1,121	1,890	24,891
2017	31,502	2,441	1,650	2,020	1,100	1,944	40,657
2018	18,590	2,569	2,008	2,049	1,090	1,684	27,990
2019	31,458	2,782	883	2,335	1,111	2,057	40,626
2020	28,321	2,962	939	1,695	1,102	2,373	37,392
2021	48,111	3,217	895	1,265	1,107	2,569	57,164



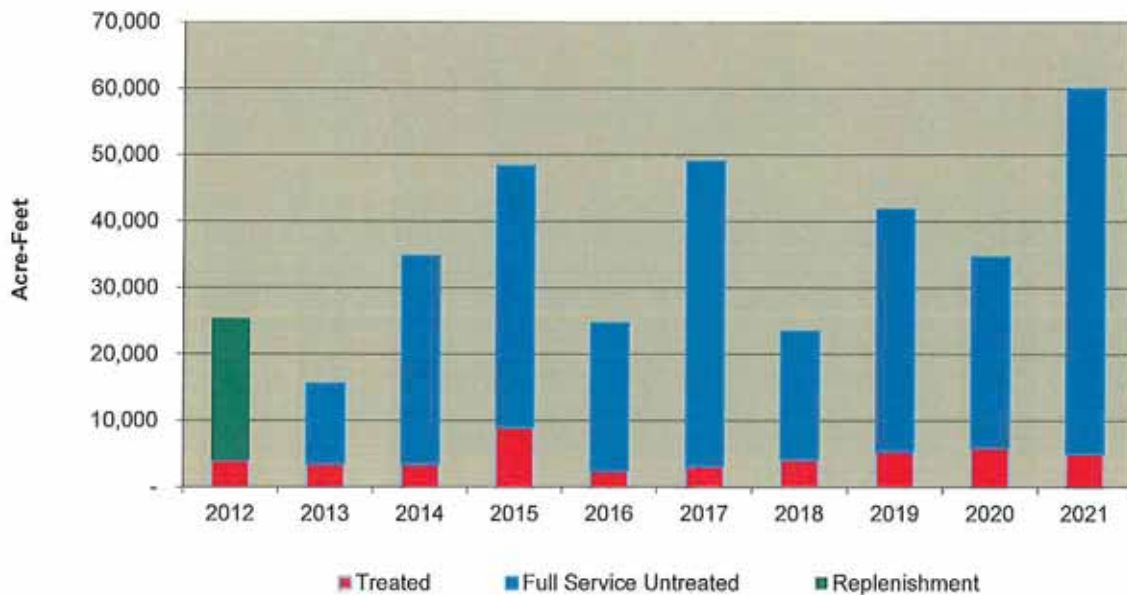
Source: Finance and Administration Department

Upper San Gabriel Valley Municipal Water District

FINAL DRAFT
SUBJECT TO CHANGES

Imported Water Deliveries Last Ten Fiscal Years (Unaudited) (In Acre Feet)

Fiscal Year Ended June 30	Treated	Full Service Untreated	Replenishment	Total
2012	3,975	-	21,426	25,401
2013	3,528	12,035	-	15,563
2014	3,490	31,289	-	34,779
2015	9,069	39,287	-	48,356
2016	2,495	22,254	-	24,749
2017	3,197	45,813	-	49,010
2018	4,204	19,273	-	23,477
2019	5,420	36,421	-	41,841
2020	6,026	28,616	-	34,642
2021	5,146	54,895	-	60,041



Source: Finance and Administration Department

Imported Water Rates and Charges
Fiscal years ended June 30, 2021 and 2020 (Unaudited)

	Rate per Acre-Foot		
	MWD	Upper District Surcharge	Total
Fiscal Year Ended June 30, 2021			
<i>July 1, 2020 to December 31, 2020</i>			
Full Service Treated Tier 1	\$ 1,078	\$ 103	\$ 1,181
Full Service Treated Tier 2	1,165	103	1,268
Full Service Untreated Tier 1	755	103	858
Full Service Untreated Tier 2	842	103	945
<i>January 1, 2021 to June 30, 2021</i>			
Full Service Treated Tier 1	\$ 1,104	\$ 103	\$ 1,207
Full Service Treated Tier 2	1,146	103	1,249
Full Service Untreated Tier 1	777	103	880
Full Service Untreated Tier 2	819	103	922
Fiscal Year Ended June 30, 2020			
<i>July 1, 2019 to December 31, 2019</i>			
Full Service Treated Tier 1	\$ 1,050	\$ 103	\$ 1,153
Full Service Treated Tier 2	1,136	103	1,239
Full Service Untreated Tier 1	731	103	834
Full Service Untreated Tier 2	817	103	920
<i>January 1, 2020 to June 30, 2020</i>			
Full Service Treated Tier 1	\$ 1,078	\$ 103	\$ 1,181
Full Service Treated Tier 2	1,165	103	1,268
Full Service Untreated Tier 1	755	103	858
Full Service Untreated Tier 2	842	103	945

Source: Finance and Administration Department

Upper San Gabriel Valley Municipal Water District

**Water Rates per Acre Foot
Last Ten Fiscal Years (Unaudited)**

As of June 30	Full Service Treated Tier 1	Full Service Treated Tier 2	Full Service Untreated Tier 1	Full Service Untreated Tier 2	Replenishment
2012	\$ 874	1,000	640	766	\$ 522
2013	927	1,077	673	823	-
2014	970	1,112	673	815	-
2015	1,014	1,146	673	805	-
2016	1,045	1,179	697	831	-
2017	1,082	1,176	769	863	-
2018	1,118	1,204	798	884	-
2019	1,153	1,239	834	920	-
2020	1,181	1,268	858	945	-
2021	1,207	1,249	880	922	-

Source: Finance and Administration Department

Upper San Gabriel Valley Municipal Water District

Treated Water Sales by Customer
Last Ten Fiscal Years (Unaudited)
(In Acre Feet)

Fiscal Year Ended June 30	Golden State Water Company	City of Pasadena	Suburban Water Systems	Watermaster/ City of Alhambra	City of Arcadia	City of Monrovia	City of Azusa	Valley County		Total
								Water	District	
2012	172	5	799	2,999	-	-	-	-	-	3,975
2013	17	196	278	3,037	-	-	-	-	-	3,528
2014	38	106	361	2,984	1	-	-	-	-	3,490
2015	5	145	6,208	2,711	-	-	-	-	-	9,069
2016	2	2	4	2,487	-	-	-	-	-	2,495
2017	22	4	294	2,877	-	-	-	-	-	3,197
2018	21	1,134	62	2,987	-	-	-	-	-	4,204
2019	125	1,577	773	2,944	1	-	-	-	-	5,420
2020	16	173	2,848	2,983	6	-	-	-	-	6,026
2021	30	246	1,884	2,986	-	-	-	-	-	5,146

Source: Finance and Administration Department

Upper San Gabriel Valley Municipal Water District

**Demographics and Economic Statistics – Los Angeles County
Last Ten Calendar Years (Unaudited)**

Fiscal Year	Population (In Millions)	Real GDP Growth	Unemployment Rate
2011	9.9	0.4%	12.2%
2012	10.0	2.9%	10.9%
2013	10.1	1.9%	9.8%
2014	10.1	4.1%	8.3%
2015	10.2	4.9%	6.6%
2016	10.2	2.4%	5.3%
2017	10.2	3.1%	4.8%
2018	10.2	2.0%	4.6%
2019	10.3	3.3%	4.4%
2020	10.1	-3.0%	13.6%

Notes:

Upper District believes that trends shown by these data are indicative of conditions within its service area.

Source: Los Angeles County Economic Development Corporation's Economic Forecast and Industry Outlook Reports and Los Angeles County Economic Development Corporation's May 2020 Report on Impact of COVID -19 on Census Bureau Data

¹ *In 2009 dollars.*

² *In 2012 dollars.*

³ *Includes estimated impact of Covid-19.*

Ten Largest Employers in Los Angeles County
June 30, 2021 (Unaudited)

<u>Employer</u>	<u>Number of Employees</u>
County of Los Angeles	95,210
Los Angeles Unified School District	75,670
City of Los Angeles (includes DWP)	72,600
University of California, Los Angeles	51,010
Kaiser Permanente	41,340
Federal Government ¹	30,600
State of California ²	27,990
University of Southern California	22,160
Target Corp.	20,000
Northrop Grumman Corp.	18,000

Source: Los Angeles Business Journal

¹ Excludes law enforcement and judiciary.

² Excludes proprietary departments (LA DWP, LAWA, Port of LA).

³ Excludes education employees.

Upper San Gabriel Valley Municipal Water District

Operating and Capital Indicators - General
Last Ten Fiscal Years (Unaudited)

Service Area	Fiscal Year Ended June 30,									
	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Approximate Service Area (in sq. miles)	144	144	144	144	144	144	144	144	144	144
Number of Member Agencies	29	29	29	29	29	29	29	29	29	29
Number of Cities/Communities	18	18	18	18	18	18	18	18	18	18
Active Employees (FTE)	10	9	12	12	11	11	12	12	12	11
Imported Water System										
Number of Service Connections	9	9	9	9	9	9	9	9	9	9
Peak System Capacity (Imported)										
Cubic feet per second	583	583	323	323	323	323	323	323	323	323
Million gallons per day	376	376	208	208	208	208	208	208	208	208
Recycled Water System										
Number of Pump Stations	1	1	2	2	2	2	2	2	2	2
Number of Reservoirs	-	-	2	2	2	2	2	2	2	2
Number of Service Connections	33	60	74	76	76	76	113	113	113	113
Length of Pipeline (in miles)	5	9	22	22	22	22	22	22	22	22

Sources: Finance and Administration Department
Government Affairs and Community Outreach Department
Planning, Engineering and Resources Department
Metropolitan Water District of Southern California

Upper San Gabriel Valley Municipal Water District

Operating Indicators – Water Conservation
Last Ten Fiscal Years (Unaudited)
(In Millions of Gallons)

An effective water conservation program plays a critical role in promoting water use efficiencies that increase available supply of water from existing sources to support economic growth. It is also significantly less costly and more energy and cost-efficient than developing new sources of water. Recognizing these, Upper District has developed over the years a robust program that not only promotes water conservation and public awareness on water issues but also one that has generated significant lifetime water savings. The table below shows the lifetime water savings from Upper District's various conservation programs for the past ten fiscal years.

Project/Device	Fiscal Year Ended June 30,									
	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Turf Removal Program	67.79	-	-	-	-	-	-	-	-	-
CIJ SoCal WaterSmart Rebate Program ¹	218.89	44.04	122.09	209.11	869.45	437.44	188.00	37.04	103.26	15.74
ULFT/HET Retrofit Program	554.52	646.34	963.13	893.51	143.36	23.41	36.00	-	19.31	-
Residential SoCal WaterSmart Rebate Program ²	267.54	192.18	209.45	740.17	1,107.61	406.65	258.00	171.23	138.21	72.91
Rain Barrel Distribution Program	-	-	-	-	6.14	0.92	-	-	-	-
Landscaping Survey and Retrofit Program	-	7.37	3.26	1,108.76	815.00	303.11	122.00	107.80	22.14	-
Water Savings Incentive Program	-	-	-	-	-	-	-	-	-	1,591.52
Total	1,108.74	889.93	1,297.93	2,951.55	2,941.56	1,171.73	604.00	316.07	282.92	1,680.17

Source: Planning, Engineering and Resources Department

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