



50th



Main San Gabriel Basin
WATERMASTER

2022–2023

ANNUAL REPORT

**IMPROVING THE WATER SUPPLY, DEVELOPING NEW WATER SOURCES,
AND PROTECTING AND IMPROVING WATER QUALITY**

Main San Gabriel Basin Watermaster is the agency charged with administering adjudicated water rights and managing groundwater resources within the watershed and groundwater basin known as the Main San Gabriel Basin.

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Cover image of the State Water Project.

FROM DROUGHT TO MONTHS OF RAINFALL

Water Supply Whiplash. Last year was a perfect example of the extreme shifts we are experiencing with climate change. The 2022–23 water year started as another dry year among the driest two decades in the last thousand years. Watermaster prepared contingency plans, and the Metropolitan Water District of Southern California announced in April 2022 that “drought has left us without the water supply we need to meet normal demands.... To make sure we have enough water for their basic human health and safety needs, everyone in these communities must immediately and dramatically reduce their water use.”

Winter Signaled An Abrupt Switch to Months of Heavy Rainfall. Watermaster and its partners focused on storing as much of the stormwater as possible. We succeeded in storing more than 286,000 acre-feet of local water out of the canyons by the formal close of the water year in June 2023. As this report goes to press, water is still flowing out of the hills and being recharged—a rare occurrence these days. Recharge basins are saturated, so we are developing creative methods to also recharge the imported water that we have available.

We Have the Tools to Balance the Basin. Watermaster, the Producers, and our many partners have developed a large portfolio of water management tools and programs that we can use in dry and wet years to manage the Basin effectively. The capstone of this decades-long program will be the arrival of the Pure Water Southern California project, which will provide up to 80,000 acre-feet of full advanced treated recycled water per year, every year when completed.

This Is the 50th Anniversary of Watermaster’s Founding. As we celebrate 50 years, we are grateful to the many individuals and organizations around the region that we work with every day. Thank you. We look forward to many more years working together to ensure reliable and high-quality water for our region.

Anthony C. Zampiello
Executive Officer

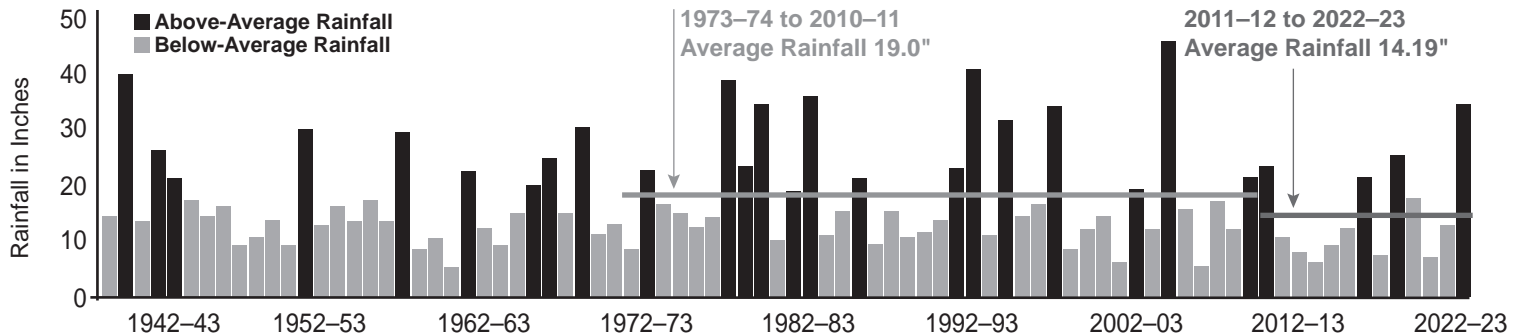


Oroville Dam Spilling on the State Water Project.

Climate Whiplash: Wetter, Drier, and Hotter

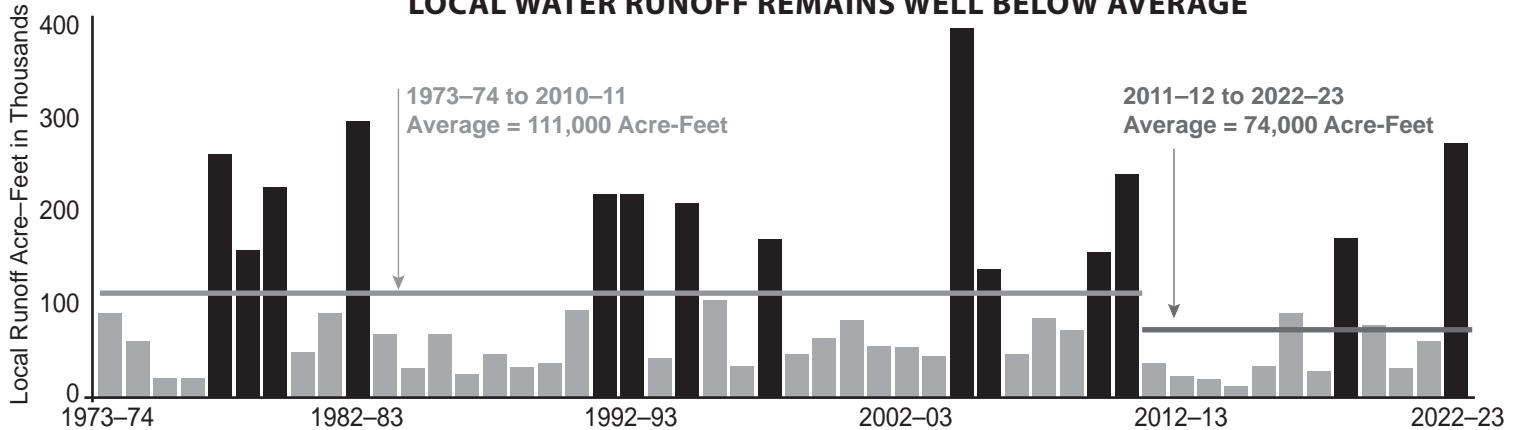
The 2022–23 water year started as another dry year among two decades of mostly dry weather, prompting a focus on contingency plans for more dry years. Then the Basin had an unanticipated and exceptionally wet season that forced a change in focus to capturing as much stormwater as possible for recharge. Watermaster works diligently to manage supplies for our communities through every type of water year.

ONCE AGAIN, BELOW AVERAGE RAINFALL—19 OF THE PAST 26 YEARS WERE DRY



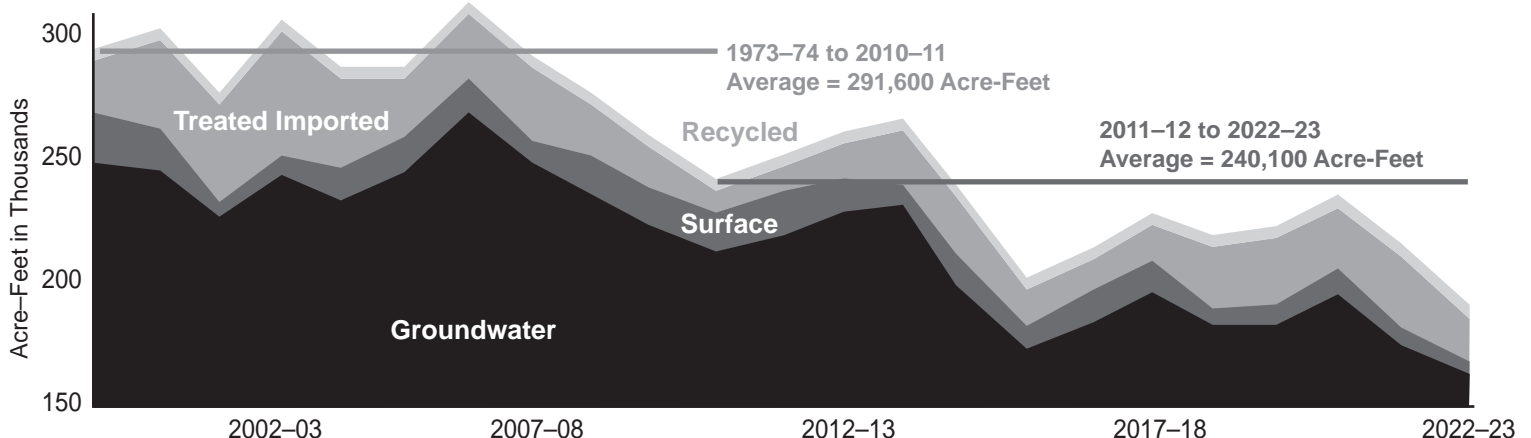
The rainfall in the San Gabriel Valley during fiscal year 2022–23 was 34.41 inches, about 15.9 inches above the long-term average.

LOCAL WATER RUNOFF REMAINS WELL BELOW AVERAGE



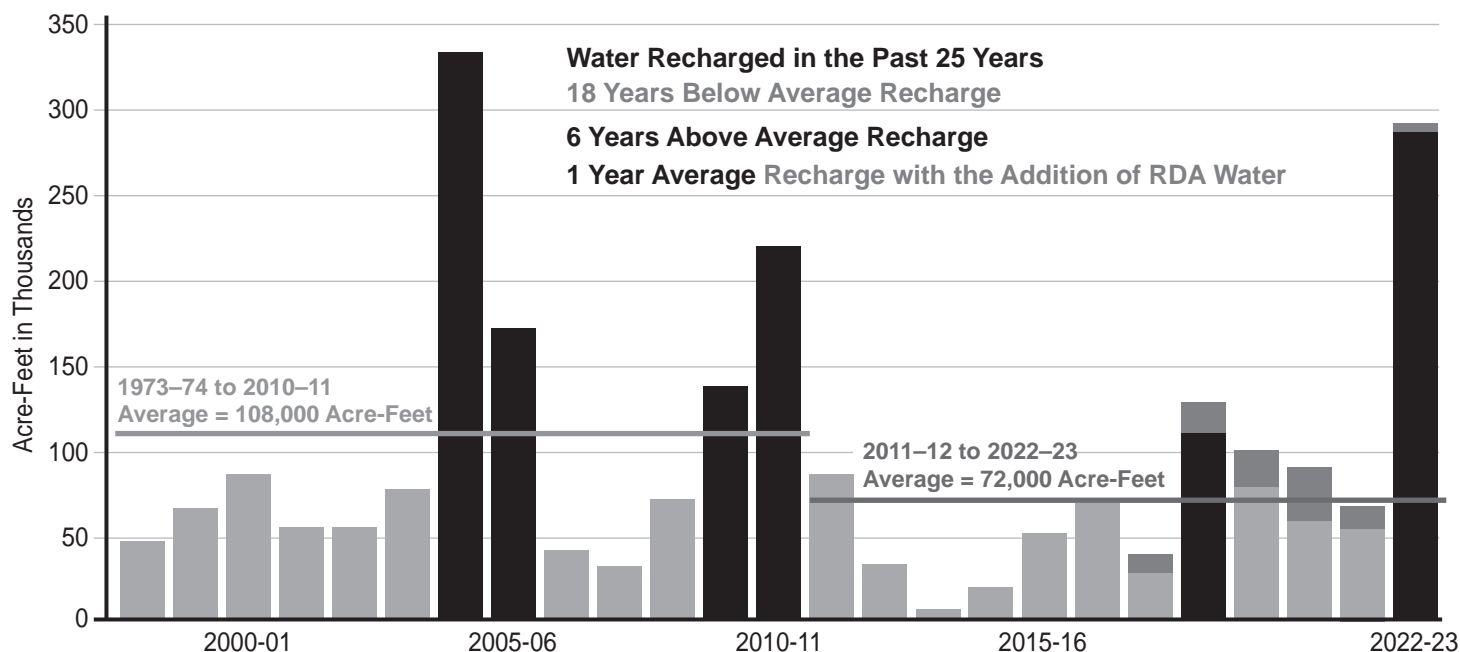
In 2022–23, annual runoff was about 286,000 acre-feet, which is over 60% more than the historical average of about 111,000 acre-feet. Since 2011–12, there has been 600,000 acre-feet less runoff than would be expected based on the historical average.

TREND OF DECLINING WATER USE CONTINUES FOR 16TH YEAR



Overall water use continued to steadily decline for the past 16 years. Per capita water use has declined by 30% or more, despite population growth in the region.

MASSIVE LOCAL RECHARGE BOOSTED WITH RDA WATER

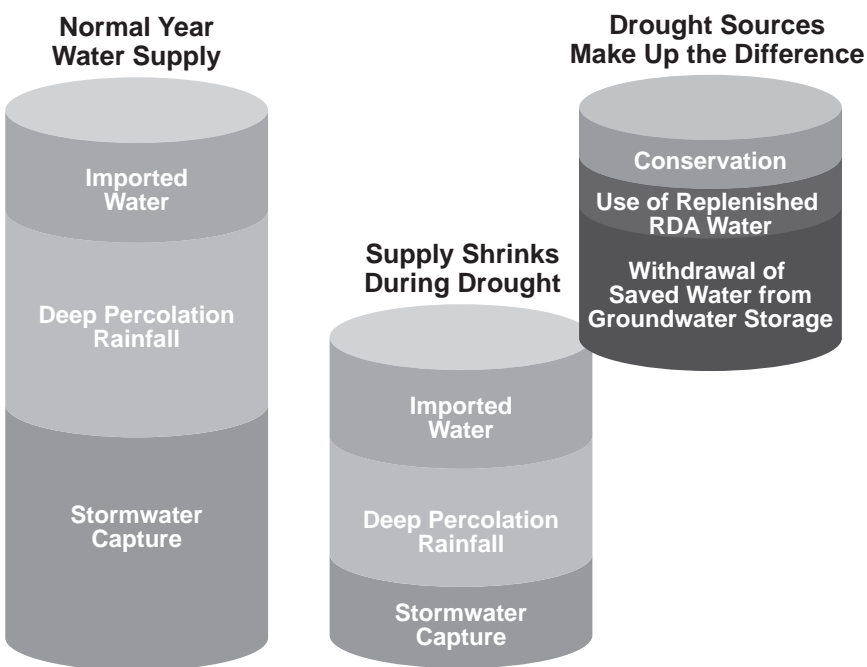


As a result of the exceptional rainfall spread out over the winter and spring months, about 286,000 acre-feet of local water was recharged into the Basin by the end of the water year in June. In a rare circumstance, water continued to flow into recharge basins throughout the summer.

HOW RDA WATER + STORED WATER + CONSERVATION MEET NEEDS DURING DROUGHT

Over the 11 year period of 2011-12 through 2021-22, stormwater replenishment has been short by about 600,000 acre-feet—equal to about a 75-foot drop at the Key Well.

During fiscal year 2022-23, annual stormwater replenishment was 286,000 acre-feet, 262% above the long-term average—but not enough to make up the 600,000-acre-foot deficit.



During droughts, low rainfall decreases both stormwater capture and deep percolation of rainfall. The losses are made up by reduced customer water use (conservation), use of stored RDA Water, imported supplies when available, and withdrawal of water from groundwater storage.

Improving Water Supply Reliability

During decades of severe drought, Watermaster has developed a robust tool kit of management options to maintain reliable water supplies. Even after last year's historic wet season, Watermaster and the Producers will continue to proactively implement their extensive portfolio of management actions to prepare for the next drought.

A COMPREHENSIVE APPROACH TO BASIN MANAGEMENT

WATERMASTER IS PROACTIVE ABOUT IMPLEMENTING THE JUDGMENT'S PROVISIONS, USING THE FULL RANGE OF OPTIONS TO CREATE LONG-TERM BALANCE IN THE BASIN.

Watermaster uses every tool in its extensive toolkit, summarized below. The Resource Development Assessment (RDA) and Operating Safe Yield (OSY) are the most important tools.

RDA FUNDS PURCHASE OF SUPPLEMENTAL WATER. THE RDA provides funds to purchase supplemental water to recharge the Basin, ensuring stable supplies for long-term reliability and future use.
LOW OSY ENCOURAGES CONSERVATION. KEEPING THE OSY LOW encourages conservation and ensures regular imported water purchases when supplies are available, stabilizing the groundwater supply.
SUPPORTING DEVELOPMENT OF NEW WATER SOURCES. PURE WATER SOUTHERN CALIFORNIA will meet long-term demand by reliably supplying the Basin with up to 80,000 acre-feet of recycled water each year.
INCENTIVIZING PURCHASES OF WATER IN WET YEARS FOR LATER USE. REPLACEMENT WATER SURCHARGE encourages Producers to pre-purchase water for later use, reducing variability and stabilizing prices.
INCREASING GROUNDWATER STORAGE AND SAVING MONEY. CYCLIC STORAGE allows Producers to store Replacement Water before it's needed, reducing price swings and increasing Basin reserves.
DEVELOPING INNOVATIVE REGIONAL COLLABORATION. REVERSE CYCLIC STORAGE , a new program from the Metropolitan Water District (MWD), allows Producers to purchase supplies from the State Water Project and defer delivery to a future wet year.
INVESTIGATING NEW SOURCES. STORMWATER CAPTURE and recycled urban runoff could enhance new reliable water sources, so Watermaster is supporting studies to understand their potential.
USING TECHNOLOGY TO UNDERSTAND THE BASIN. WATERMASTER'S GROUNDWATER MODEL provides sophisticated analysis to inform decision-making.
ENCOURAGING USE OF SUSTAINABLE SUPPLIES. THE IN-LIEU PROGRAM allows Producers to deliver treated water in lieu of pumped water, reducing the demand for groundwater.
ENABLING AN ADDITIONAL SOURCE OF IMPORTED WATER. COLORADO RIVER WATER could provide a valuable source of replenishment water, so Watermaster is actively developing plans with Responsible Agencies to allow deliveries, when available.

LOW OSY SHOWS UNANIMOUS COMMITMENT TO PROACTIVE MANAGEMENT AND SUSTAINABLE PRODUCTION

OSY Maintained at a Historic Low of 150,000 Acre-Feet Despite a

Temporary Reprieve Offered by Heavy Rains. The OSY is the amount of water that can be pumped from the Basin each year without harmful long-term impacts. The Producers must buy Replacement Water for any water pumped above the OSY.

A Low OSY Provides Many Benefits. This year, Watermaster unanimously approved maintaining the OSY at 150,000 acre-feet for the ninth year in a row and setting a low of 130,000 acre-feet for the following four years. A low OSY promotes conservation and raises funds to purchase imported water. By maintaining this low OSY, the Board agreed to stay the course to ensure that the Main Basin and its operations are sustainable over the long term. Watermaster will review this OSY recommendation again in April 2024.

The OSY Is Allocated Among Producers According to Their Water Rights.

The OSY does not restrict any Producer's production. Rather, Producers agree to share the cost of Replacement Water in proportion to their water use and rights.

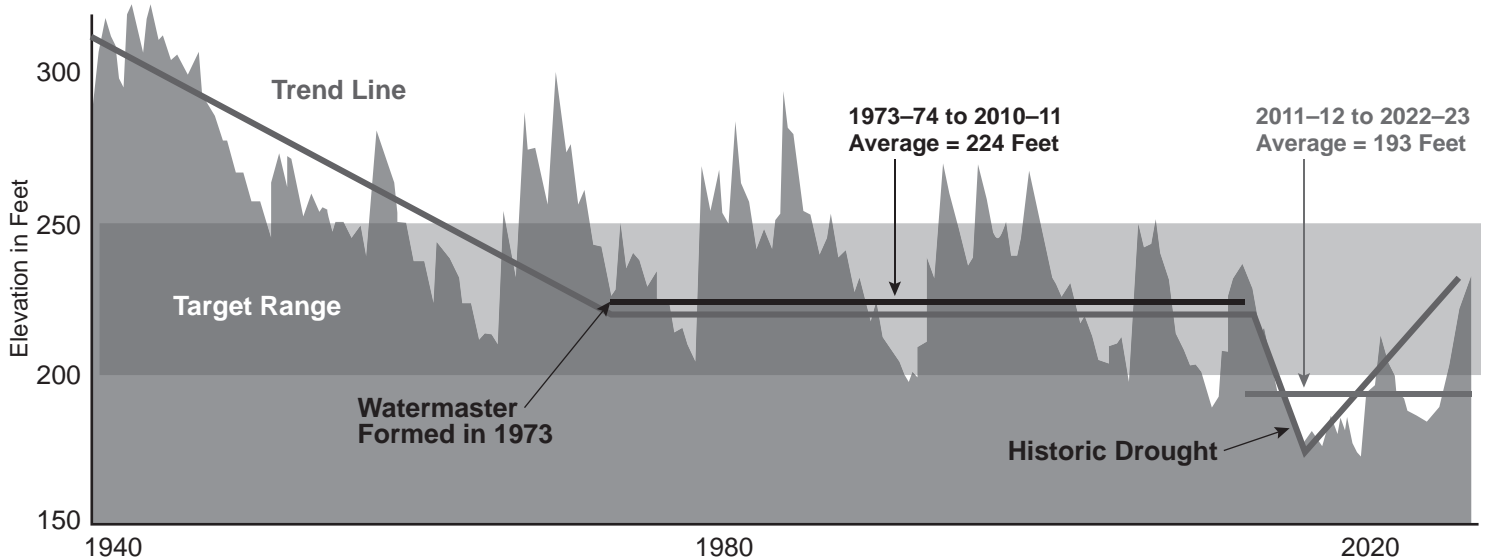
Local water supplies have been seriously impacted by two decades of unprecedented drought.

Although last year was unexpectedly wet, drought can return very quickly.

Management Plan Will Balance the Basin

Watermaster's groundwater management plan is stabilizing the Basin, despite dramatic variance in rainfall from year to year.

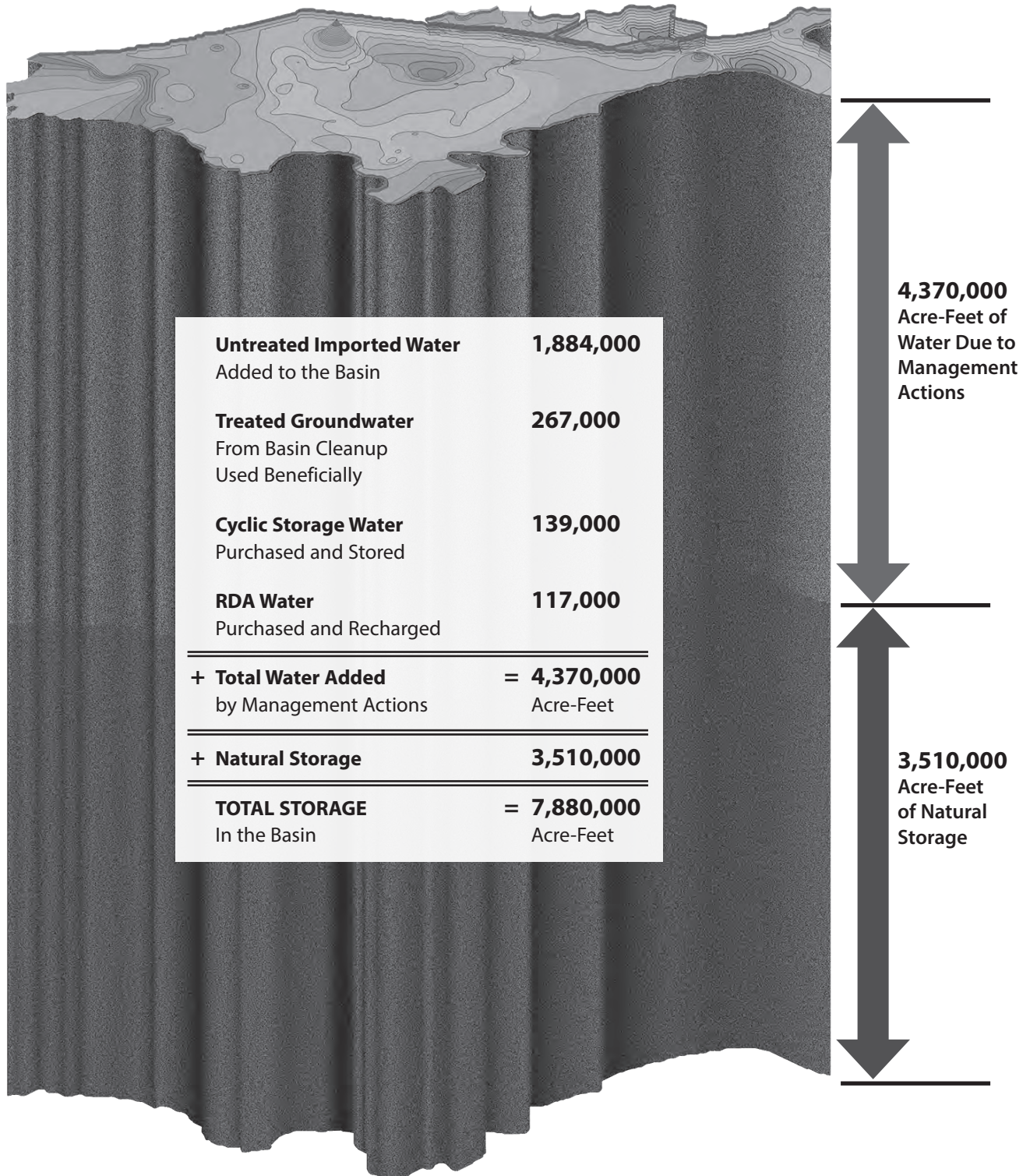
PROACTIVE MANAGEMENT STRATEGIES STABILIZE BASIN WATER LEVELS



- 1 1940s to 1973: The Average Key Well Level Fell Continuously Due to Unmanaged Withdrawals.**
- 2 1973 to 2011: Key Well Stable Due to Management Actions.**
After Watermaster's formation, collaborative water management stabilized the Key Well levels. Levels vary from year to year due to changes in rainfall and withdrawals, but the Key Well level in 2012 was about the same as in 1973.
- 3 2012 to 2015: Watermaster Approves New Management Action in Major Update to the Judgment.** When Key Well levels declined due to severe drought, Watermaster implemented new management actions.
- 4 2012 to 2023: Despite Generally Severe Drought Conditions, Key Well Levels Are Recovering.** The 2012 Judgment Amendments, RDA, supplemental water, increased conservation, and other Watermaster programs are rebuilding groundwater levels for long-term stability.
- 5 2024 to 2030 and Beyond: Pure Water Southern California Is Expected to Bring Enough Recycled Water for Long-Term Groundwater Reliability and Stability.**

COLLABORATIVE WATER MANAGEMENT HAS ADDED 4.37 MILLION ACRE-FEET OF WATER TO THE BASIN

Developing sustainable supplies to withstand climate uncertainty. Watermaster has proactively implemented the terms of the Judgment to import supplemental water, support local cleanup and beneficial use, and encourage local storage and recharge. Together, these actions have added more than four million acre-feet of water to the Basin in the last 50 years. Future recycled water projects will add millions more.



Focus on Balancing the Groundwater Basin

During recent droughts, Watermaster and the Producers have proactively implemented provisions of the Judgment and developed new studies, programs, and plans to address extreme swings between rainfall and drought. These actions are improving groundwater conditions.

RESOURCE DEVELOPMENT ASSESSMENT (RDA) REMAINS A KEY TOOL

More Than 118,000 Acre-Feet (a Full Year's Supply) Stored to Date. The RDA is one of Watermaster's most important tools for managing the Basin. This program provides crucial funds used to purchase imported water when it is available and store it against future demands.

The RDA assessment began at \$20 per acre-foot in 2015 for the initial 2-year program, then increased annually over five years to its current level of \$175 per acre-foot.

Sustained Rainfall Led to Complex Juggling of Options in Early 2023. In December 2022, Watermaster had funds to purchase 74,000 acre-feet of water from MWD's Cyclic Storage, Reverse Cyclic Storage, and imported water supplies, but only 19,400 was available. By early 2023, so much rain had filled the recharge basins that only 4,000 acre-feet of RDA Water was actually delivered. Watermaster is working closely with MWD and Los Angeles County Public Works/Flood Control District to have the rest recharged later when there is more room in the spreading basins.

As the Cost of Water Rises, the RDA's Buying Power Diminishes. This year, for example, the RDA funds are only able to purchase about 28,000 acre-feet of the up to 40,000 acre-feet targeted in the original plan. Watermaster has initiated discussions with its Board about rising water costs and the ability to maintain imported water supply targets. When Pure Water Southern California begins deliveries, Watermaster will be able to utilize RDA funds to purchase the water for replenishment.

Watermaster has purchased enough RDA Water to supply the Basin for over a year.

PURE WATER SOUTHERN CALIFORNIA PROJECT ADVANCING STEADILY

Watermaster is engaged in the development of the Pure Water Southern California project, one of the largest water recycling projects in the world. Expected to be completed in 2032, the project will add up to 80,000 acre-feet per year to the Main San Gabriel Basin and is a cornerstone of Watermaster's strategy for securing a long-term sustainable water supply.

Exceptional Progress Was Made Last Year. MWD issued an Environmental Notice of Preparation for the project, began the permitting process for some infrastructure ahead of the 2028 Olympics, and is sponsoring legislation that would allow the use of Design/Build to speed up the timeline and lower costs. MWD also began a discussion about how to include the project and water costs into its rate structure. Once the rates are determined, Watermaster and other participants will be asked to commit more formally to the project.

Watermaster Hosts a Pure Water Tour for the Court. Watermaster organized a tour for the Honorable Maureen Duffy-Lewis, who oversees the Watermaster Judgment. As support for Watermaster's involvement in the project, Judge Duffy-Lewis has offered her assistance as appropriate within the court structure, to convey its regional importance.

Pure Water Southern California will add up to 80,000 acre-feet of Recycled Water per year for our communities

CYCLIC STORAGE IS SAVING MONEY TODAY AND WATER FOR THE FUTURE

Watermaster and its partners are developing innovative agreements to maximize water storage and stabilize costs.

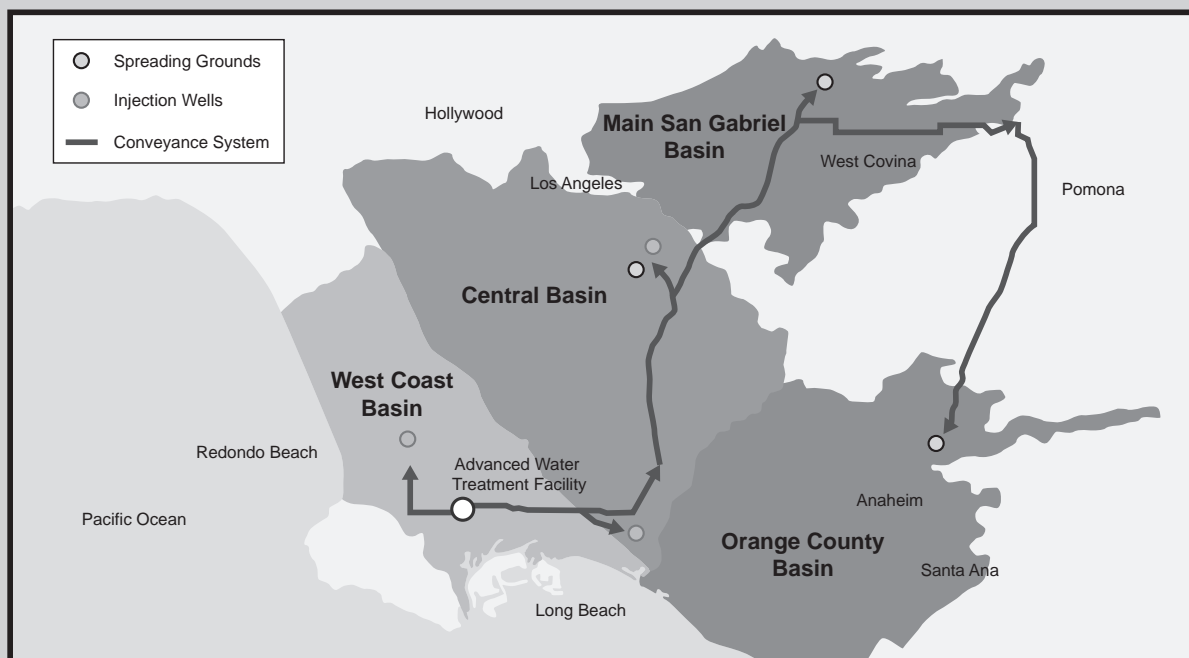
The Cyclic Storage program helps Producers bank water at lower present-day rates to be used as Replacement Water in the future (when rates will be higher). Before the heavy winter rains this year, Producers were able to use their Cyclic Storage accounts to help address local water needs when State Water Project supplies were unavailable. At the end of June 2023, almost 129,000 acre-feet of water was in Cyclic Storage in the Main Basin.

LETTER AGREEMENT ALLOWS IMPORTED DELIVERIES INTO CYCLIC STORAGE IN ADVANCE OF DEMAND

Through partnerships with MWD and its member agencies serving the Basin, Watermaster has been able to negotiate new agreements to help fill the Basin when imported water is available. These agreements benefit Basin Producers by acquiring water at the current lower costs for use in the future when imported water is likely to cost more or not be available.

REVERSE CYCLIC PROGRAM ALLOWS PURCHASE OF FUTURE WATER SUPPLIES AT TODAY'S LOWER RATES

As a result of the prolonged drought conditions impacting California, the Department of Water Resources set the State Water Project Allocation for fiscal year 2022-23 at 0%. This meant that Replenishment Water to the Basin was suspended, however a unique agreement with MWD provided a new option for Watermaster to secure needed imported water and potentially maximize RDA funds. Through the Reverse Cyclic Storage program, MWD will provide future water deliveries that have been pre-paid at today's lower rates. The deliveries from MWD can be deferred for up to five years, providing lower-cost supplies for the Basin in the future. Without the Reverse Cyclic program, RDA funds might have gone unused due to the drought and availability of imported water.



A simplified view of the Pure Water Southern California System.

Focus on Balancing the Groundwater Basin cont.

FLEXIBLE, CREATIVE WATER MANAGEMENT

Statewide, regional, and local water supply situations are constantly in flux.

Watermaster is prepared to adjust to new circumstances, maximizing supplies at the lowest cost.

QUAGGA MUSSEL MITIGATION PLAN FOR COLORADO RIVER WATER PURCHASE REMAINS A PRIORITY

Thanks to the heavy rains of 2023, there is no longer an urgent need to deliver Colorado River water to the Basin. Watermaster is using this welcome reprieve to finalize a Quagga Mussel Mitigation Plan with our partners that would facilitate future water deliveries from the Colorado River. Quagga Mussels are an invasive species that often damages waterworks due to its prolific breeding. Watermaster's mitigation plan would create procedures to prevent Quagga Mussel from establishing populations in the San Gabriel River system. Even if rarely implemented, an approved plan would give Watermaster another potential source of supply to balance the Basin.

AGREEMENT GIVES FLEXIBILITY TO MEET PRODUCER NEEDS IN CHANGING CIRCUMSTANCES

Agreement Gives Flexibility to Meet Producer Needs in Changing

Circumstances. Watermaster successfully negotiated a discount on Upper San Gabriel Valley Municipal Water District's (Upper District) surcharge on untreated Replenishment Water in exchange for minimum purchases over a three-year period. This agreement saves Producers \$103 per acre-foot, which is used to buy more water and provides Upper District with the funding it needs to maintain its budget.

REPLACEMENT WATER SURCHARGE INCENTIVIZES PRE-PURCHASE OF IMPORTED WATER

Watermaster's Replacement Water Surcharge is a \$100 surcharge applied to over-production within the Upper District and Three Valleys Municipal Water District areas to encourage Producers to anticipate over-production earlier in the year to maximize available water at the lowest price. The surcharge is applied only to replacement for overproduction in a fiscal year.

THE THREE-YEAR PURCHASED WATER PLAN PROJECTS IMPORTED WATER NEEDS

The plan is built from a wide range of inputs, including Replacement Water obligations, the RDA, the In-Lieu Program, the OSY, and projections from the Producers.

HEALTH AND SAFETY ALLOCATION

In spring 2022, MWD ordered unprecedented water restrictions and declared a water shortage emergency. MWD also offered to provide imported water to State Water Project dependent areas through a Health and Safety allocation. This allocation was an advance, or loan, against a subsequent year's allocation. Watermaster took 14,700 acre-feet of this water to meet critical needs in the Main Basin.



Quagga Mussels



COLLABORATIVE LONG-TERM REGIONAL WATER PLANNING

As water suppliers across the region and state adapt to increasingly frequent and intense oscillations between wet and dry years, effective collaboration is critical for addressing long-term water needs.

LOS ANGELES COUNTY WATER PLAN

Watermaster's Executive Officer served on an advisory committee to help develop the Los Angeles County Water Plan (CWP). This plan focuses on the collaborative management of LA County water resources on a broad scale.

SHARED USE OF WATERMASTER MODEL

The advanced 3D groundwater model, which Watermaster developed using decades of groundwater data, has become a powerful tool that supports monitoring and Basin management. This year, it was used in a groundwater modeling study to inform decisions for a proposed Big Dalton Spreading Grounds Expansion Project.

Protecting Water Quality and Water Rights

Watermaster continues its proactive work to protect and improve groundwater quality throughout the Basin.

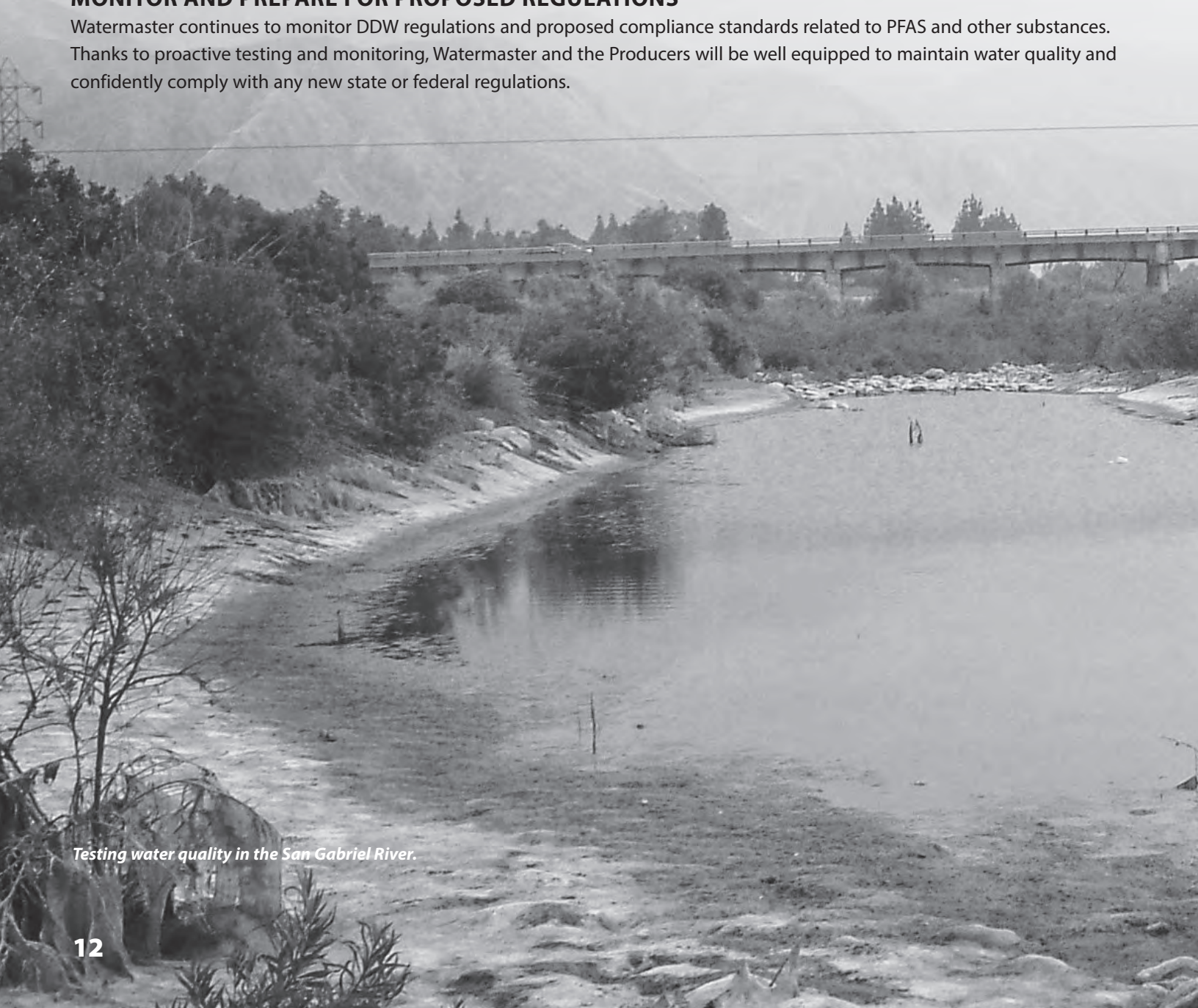
PROACTIVE PFAS SAMPLING TO FULLY UNDERSTAND BASIN CONDITIONS

This year, Watermaster Completed A Multi-Year Testing Program. The testing provided a comprehensive understanding of the extent of per- and polyfluoroalkyl substances (PFAS) in the Basin. Rather than wait for regulatory requirements from the Division of Drinking Water (DDW), Watermaster invested \$600,000 in basinwide sampling and testing during fiscal year 2022–23 to generate a complete profile of PFAS levels in the Main Basin.

At most wells in the Basin, PFAS were not detected or were detected well below notification levels. The few wells where these substances were detected above notification levels are already undergoing other treatment processes that effectively treat PFAS. Water from all active wells in the Basin meets water quality regulations for PFAS.

MONITOR AND PREPARE FOR PROPOSED REGULATIONS

Watermaster continues to monitor DDW regulations and proposed compliance standards related to PFAS and other substances. Thanks to proactive testing and monitoring, Watermaster and the Producers will be well equipped to maintain water quality and confidently comply with any new state or federal regulations.



Testing water quality in the San Gabriel River.

ONGOING ACTIONS TO PROTECT AND ENHANCE WATER QUALITY

One of Watermaster's primary goals is to ensure safe groundwater today and in the future.

HIGH-TECH MODELING TO TRACK GROUNDWATER FLOW AND CONTAMINANT MIGRATION

Watermaster has been regularly updating its sophisticated 3D computer model of the Basin using its bank of data on groundwater levels and water quality going back decades. The Basin model accurately simulates how water and contaminants move in the Basin in response to pumping and other activities, ensuring informed decision-making.

PROACTIVE WATER QUALITY TESTING THROUGHOUT THE BASIN

Watermaster conducts regular water quality testing throughout the Basin on behalf of the Producers. Watermaster's testing ensures uniform data for the groundwater model, consistent responses to regulatory inquiries, and confidence in the quality of groundwater produced in the Basin.

COLLABORATION TO ENSURE EFFECTIVE BASIN CLEANUP

Watermaster manages the Baldwin Park Operable Unit (BPOU) Agreement and facilitates other local cleanup efforts, such as the Whittier Narrows Operable Unit (WNOU), South El Monte Operable Unit (SEMOU), El Monte Operable Unit (EMOU), and Puente Valley Operable Unit (PVOU). Cooperative cleanup efforts ensure consistent oversight and regulatory compliance. Watermaster also provides technical assistance when needed.

COORDINATED REVIEW OF PUBLIC HEALTH GOALS WITH PRODUCERS

Watermaster coordinates the review of state-mandated Public Health Goals and related plans to maintain and improve water quality. The 12 water systems subject to these hearings met all state and federal requirements in 2022–23.

REVIEW AND APPROVAL OF CHANGES FOR VULNERABLE WELLS

Watermaster is responsible for reviewing and approving all actions to drill, destroy, or modify wells, to ensure that water quality and supply are not harmed.

ANNUAL UPDATES TO THE FIVE-YEAR PLAN FOR THE BASIN

Each year, Watermaster updates its Five-Year Plan. This plan details current water supply and quality conditions, outlines projected changes, and documents Watermaster's plan to protect and enhance basinwide water quality and water supply.

INSPECT LANDFILLS TO PROTECT GROUNDWATER QUALITY

Regular inspections are necessary to protect water quality and ensure that landfills are operating consistently within regulatory permits.

Strong Partnerships and Communication

UNIFIED OUTREACH MESSAGING ACROSS THE BASIN

Watermaster continues its extensive outreach and communication programs to ensure that water users and stakeholders have access to accurate and accessible information about the Basin and how we ensure long-term water quality and reliability.

WATERMASTER 101 WORKSHOPS

Watermaster launched a series of in-person workshops for Producers, new directors, legislators, and other stakeholders. These Watermaster 101s inform participants about the history and details of Watermaster, including Basin operations and management.

WATERS THAT CONNECT US CAMPAIGN

This year Watermaster continued to update its multi-year campaign, The Waters That Connect Us. Watermaster developed this outreach initiative to build public understanding and support around the realities of our water supply.

UPPER SAN GABRIEL VALLEY MUNICIPAL WATER DISTRICT'S WATERFEST

WaterFest is an annual community water festival hosted by the Upper District. San Gabriel Valley Water Association is a sponsor and, together with Watermaster, participated in the event to provide information and education on Watermaster's role in local water supplies.

ACTIVELY ENGAGED WITH AGENCIES AROUND THE STATE AND REGION

Throughout the year, Watermaster actively and regularly coordinates with a wide range of agencies.

Central Basin Water Association

San Gabriel Valley Water Association

San Gabriel Valley Protective Association

California Groundwater Coalition

Greater Los Angeles County Integrated Regional Water Management

San Gabriel Valley Council of Governments

Quagga Mussel coordination

Groundwater Replenishment Coordinating Group

ACWA Region 8 Legislative planning meetings

Upper San Gabriel Valley Municipal Water District

San Gabriel Valley Municipal Water District

Three Valleys Municipal Water District

Los Angeles County Safe Clean Water Program Watershed Area Steering Committees

Metropolitan Water District of Southern California

Los Angeles County Department of Public Works/Flood Control District

CONTRACT MANAGEMENT OF OTHER AGENCIES PROVIDES BENEFITS FOR ALL

By serving as contract manager and administrator for seven agencies, Watermaster benefits all parties through economies of scale and enhanced collaboration enabled by sharing staff. Watermaster currently administers the Association of Groundwater Agencies, California Groundwater Coalition, Central Basin Water Association, Foothill Water Coalition, Raymond Basin Management Board, San Gabriel Valley Protective Association, and San Gabriel Valley Water Association.



Focus on Efficiency and Effectiveness

BUDGET AND ASSESSMENTS

The Administrative Assessment was increased by \$1 per acre-foot to \$18 per acre-foot. These funds cover Watermaster's administrative budget, which includes engineering, legal, staffing, and educational outreach.

In-Lieu Assessment Held Unchanged. The In-Lieu Assessment was maintained at \$8 per acre-foot on all production. This assessment is used to manage accounting for the Cooperative Water Exchange Agreement.

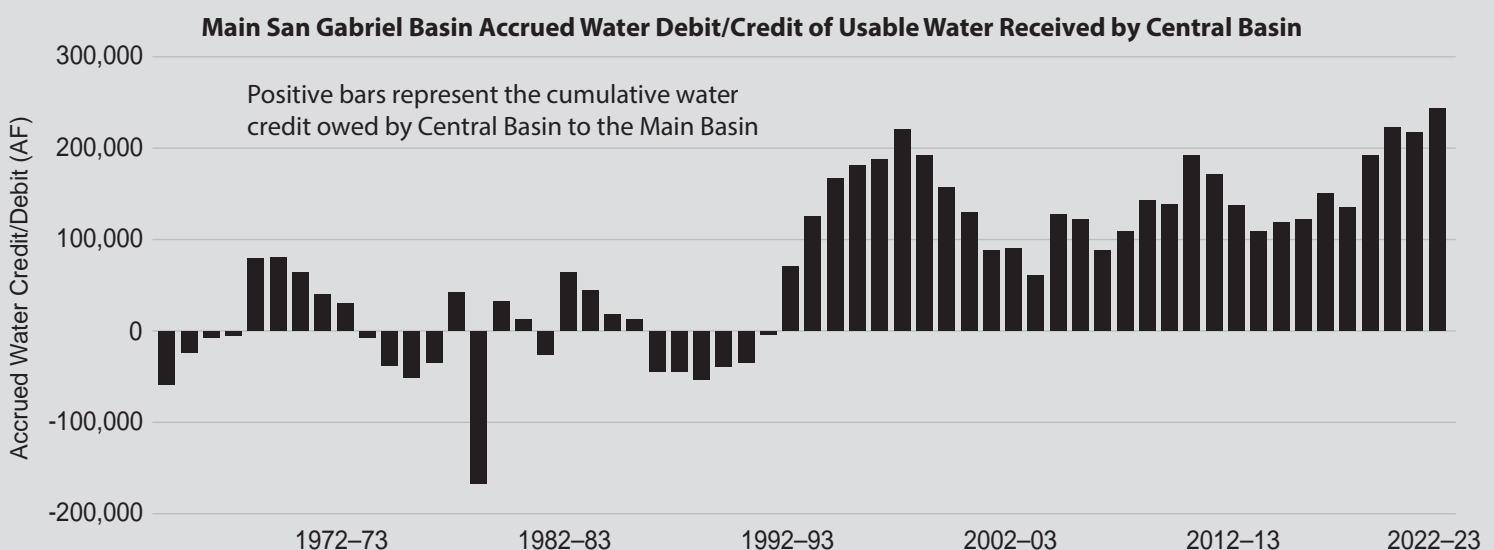
RDA Remains Unchanged. The RDA will remain at \$175 per acre-foot for 2023-24 production. Over 118,000 acre-feet of water have been purchased with RDA funding.

REBALANCING THE LOWER AREA CREDIT

The Central Basin lies south of the Whittier Narrows and is also known as the Lower Area. Water from the Main San Gabriel Basin has historically flowed underground and via the Whittier Narrows into the Lower Area. The legal Judgment governing this water requires that the Lower Area receive 50% of the usable water from the watershed.

Over the decades, the lower area has received 240,277 acre-feet above its entitlement. The San Gabriel River Watermaster accounts for this flow to the Lower Area and has determined that the cumulative surplus is now 240,277 acre-feet.

Balancing this credit and obligation will be discussed through the San Gabriel Valley Protective Association.



Balancing this surplus credit means releasing less water from the Upper Area through the San Gabriel Canyon reservoirs to the Lower Area. A proposal on balancing the credit will be brought to the San Gabriel River Protective Association Distribution Committee for consideration in 2023-24.

50 Years Providing Excellent Water Management

1880s

Fighting over Limited Supplies

Water Wars.

1880s-era armed residents defend water supplies in a fight between Azusa, Duarte, and Covina areas.



1900s

A Dry and Difficult Landscape

Our Dry Past.

A barren San Gabriel Valley at the turn of the century before major development of water supplies.



1973 to 2013 Replenishing & Cleaning the Basin

Watermaster Formed in 1973 to Manage the Basin. Following a second lawsuit, the Court created a legal Judgment establishing water rights and forming Watermaster to manage the Basin.

1991 Water Quality Powers. Authority to protect water quality was granted to Watermaster in 1991.

1930s Building to Prosperity

Major Water Systems Were First Built in the 1930s.

Photo of a discharge apparatus for Morris Dam built in the 1930s.



1950s Postwar Boom

Industrialization and Water Development

Projects Bring Growth. Photo of construction of Oroville Dam on the State Water Project.



Photo courtesy of California Department of Water Resources.

1960s Still Fighting over Water



1960s Lawsuit Begins Modern Era.

In the early 1960s, Long Beach area successfully sued San Gabriel Valley Water Producers to receive Make-up Water when river flows are not sufficient.



2012 to 2023 New Tools to Provide Reliable Water

Watermaster Builds Long-Term Reliability in the Face of 20+ Years of Drought. Despite periodic wet years, much of the West Coast is impacted by decades of drier, hotter weather. Watermaster developed many tools, including the Resource Development Assessment and participation in the Pure Water Southern California Project, to ensure reliable water for the long run.

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APPENDIX A

SUMMARY OF WATERMASTER ACTIONS
FISCAL YEAR 2022-2023

APPENDIX A
CHRONOLOGICAL SUMMARY OF WATERMASTER ACTIONS
FISCAL YEAR 2022-23

Cyclic Storage

On July 6, 2022, Watermaster authorized the purchase of 200 acre-feet of cyclic storage water from Upper San Gabriel Valley Municipal Water District (USGVMWD) for Valley View Mutual Water Company's individual Producer cyclic storage account.

On July 6, 2022, Watermaster authorized the purchase of 320 acre-feet of cyclic storage water from USGVMWD for the City of Industry Waterworks System's individual Producer cyclic storage account.

On July 6, 2022, Watermaster authorized the purchase of 370 acre-feet of cyclic storage water from USGVMWD for La Puente Valley County Water District's individual Producer cyclic storage account.

On September 7, 2022, Watermaster authorized the purchase of 6,000 acre-feet of cyclic storage water from USGVMWD for the City of Arcadia's Producer cyclic storage account.

On October 5, 2022, Watermaster authorized a five-year extension agreement for San Gabriel Valley Water Company/Watermaster Cyclic Storage Agreement.

On December 7, 2022, Watermaster authorized the purchase of 10,000 acre-feet of cyclic storage water from USGVMWD for San Gabriel Valley Water Company's individual Producer cyclic storage account.

On December 7, 2022, Watermaster authorized the purchase of 875 acre-feet of cyclic storage water from USGVMWD for the City of Arcadia's individual Producer cyclic storage account.

On December 7, 2022, Watermaster authorized a five-year extension agreement for the City of Industry Waterworks System/Watermaster Cyclic Storage Agreement.

On December 7, 2022, Watermaster authorized an increase to United Rock Products Corporation's individual Producer cyclic storage account to 500 acre-feet.

On March 1, 2023, Watermaster authorized a five-year extension agreement for the City of South Pasadena/Watermaster Cyclic Storage Agreement.

On April 5, 2023, Watermaster authorized a five-year extension agreement for the City of Sierra Madre/Watermaster Cyclic Storage Agreement.

On May 3, 2023, Watermaster authorized the purchase of 400 acre-feet of cyclic storage water from USGVMWD for United Rock Products Corporation's individual Producer cyclic storage account.

On June 7, 2023, Watermaster authorized the purchase of 489.03 acre-feet of cyclic storage water from USGVMWD for the City of Monrovia's individual Producer cyclic storage account.

Resolution Adopting Governmental Executive Retirement Plan

On July 6, 2022, Watermaster approved Resolution No. 07-22-313, thereby adopting the Governmental Executive Retirement Plan.

Public Health Goals

On August 3, 2022, Watermaster conducted a public hearing to discuss Public Health Goals established for drinking water by Cal-EPA. There being no comments offered, Watermaster closed the comment period and the public hearing.

Contract Renewal

On September 7, 2022, Watermaster authorized a three-year contract extension of the existing Baldwin Park Operable Unit (BPOU) Project Groundwater Monitoring contract with Blaine Tech Services.

Three-Year Purchased Water Plan

On October 5, 2022, Watermaster received and filed the Three-year Purchased Water Plan as presented.

Audit Report

On October 5, 2022, Watermaster received and filed the audit report as presented by Clifton Larson Allen.

Cash Investment Policy

On October 5, 2022, Watermaster reaffirmed its Cash Investment Policy.

Election of Producer Nominees for Watermaster for calendar year 2023

On November 2, 2022, Watermaster held its annual election of Producer nominees. Producers elected David DeJesus, Benjamin Lewis, Jr., David Michalko, Lynda Noriega, Anteneh Tesfaye, and Martin Zvirbulis. The Court subsequently approved these nominations.

Election of Public Representative for Watermaster

On November 2, 2022, Watermaster approved San Gabriel Valley Municipal Water District's (SGVMWD's) nomination of Steven T. Placido for its Public Representative for Watermaster for calendar year 2023.

On November 2, 2022, Watermaster approved USGVMWD's nominations of Dr. Anthony Fellow and Jennifer Santana for its Public Representatives for Watermaster for calendar year 2023.

Annual Report Completed

On November 2, 2022, in accordance with Section 36 of the Judgment, Watermaster prepared the Annual Report and filed it with the Court and Parties.

Resource Development Assessment (RDA)

On November 2, 2022, the Executive Officer reported that in fiscal year 2021-22 Watermaster collected funds from the RDA, for a total of \$32,412,773.75. Watermaster authorized the Executive Officer to make the appropriate purchases for reliability storage water supply. The estimated requirement for delivery during fiscal year 2022-23 is a total RDA delivery of 36,219 acre-feet.

Replacement Water

On November 2, 2022, Watermaster authorized the purchase of Replacement Water from the appropriate Responsible Agencies for overproduction from the Basin during fiscal year 2021-22.

Certificate and Resolution of Appreciation

On December 7, 2022, Watermaster received and filed a Certificate of Appreciation in recognition of the valuable contributions of Brian Bowcock, Three Valleys Municipal Water District Board Director, to the Watermaster.

On December 7, 2022, Watermaster adopted Resolution No. 12-22-314, commemorating the service performed by Charles Trevino as a Public Representative Member of Watermaster.

Reverse Cyclic Agreement

On December 7, 2022, Watermaster authorized the Executive Officer to enter into a Water Purchase Agreement between Watermaster and Upper SGVMWD's for a deferred delivery of up to 15,000 acre-feet of water.

Election of Watermaster Officers

On January 4, 2023, Watermaster held the annual election of officers. Lynda Noriega was elected as Chair, David Michalko as Vice-Chair, Martin Zvirbulis as Secretary, and Anteneh Tesfaye as Treasurer.

Five-Year Plan

Following a public hearing on January 4, 2023, Watermaster adopted the Draft Five-Year Water Quality and Supply Plan (Five-Year Plan), which was received by Watermaster on November 2, 2022.

Replacement Water/Surcharge Accounting

On January 4, 2023, Watermaster received and filed the Replacement Water/Surcharge Accounting. Watermaster readjusted the appropriate Producer production rights for fiscal year 2022-23 and requested TVMWD to deliver 154.7 acre-feet of water at the 2022 rate of \$799.00 per acre-foot from its cyclic storage account or transferred from the water pre-delivered during calendar year 2022; and USGVMWD to deliver 56.19 acre-feet of water at the 2022 rate of \$902.00 per acre-foot from its cyclic storage account or transferred from the cyclic water pre-delivered as part of the 2020 letter agreement.

Watermaster Committee Assignments

On February 1, 2023, Watermaster adopted recommendations for 2023 Watermaster Committee Assignments and representatives to outside organizations as presented. (Table 1)

Administration Budget

On April 5, 2023, Watermaster received and filed the Preliminary Draft Administration Budget for FY 2023-24 and Assessments for FY 2023-24 production.

Watermaster Assessments and Administration Budget

On May 3, 2023, Watermaster approved Resolution No. 05-23-315, thereby adopting the Administration Budget for fiscal year 2023-24 in the amount of \$4,974,660.00. The Administration Assessment was set at \$18.00 per acre-foot, the In-Lieu Assessment was set at \$8.00 per acre-foot, and the Water RDA was set at \$175 per acre-foot on fiscal year 2022-23 Production. The Replacement Water Assessment for fiscal year 2022-23 and fiscal year 2023-24 was set at \$200.00 and \$220.00 per acre-foot,

respectively, for excess production within SGVMWD; at \$955.00 and \$1,003.00 per acre-foot, respectively, for excess production within TVMWD; at \$1,058.00 and \$1,106.00 per acre-foot, respectively, for excess production within USGVMWD.

Operating Safe Yield

On May 3, 2023, Watermaster conducted a public hearing and approved Resolution No. 05-23-316 establishing the Operating Safe Yield at 150,000 acre-feet for fiscal year 2023-24, 130,000 acre-feet for fiscal year 2024-25, 130,000 acre-feet for fiscal year 2025-26, 130,000 acre-feet for fiscal year 2026-27, and 130,000 acre-feet for fiscal year 2027-28.

Outside Activities: Watermaster Presented, Organized, Facilitated, Attended, etc.

On June 2, 2022, met with Army Corps representatives on their nature reserve project in the Whittier Narrows Dam area and the need for water supply during planting season.

On June 2, 2022, met with Upper District (UD), Metropolitan Water District of Southern California (MWD) and LA County representatives regarding the proposed Quagga Mussel Mitigation Plan with the goal of delivering Colorado River Water to the Basin.

On June 8, 2022, participated in an office-site inspection with Association of California Water Agencies Joint Powers Insurance Agency (ACWA/JPIA). The inspection included workspace ergonomics and safety procedures and protocols.

On June 8, 2022, participated in the UD Producers meeting where Mr. Love provided an update on conservation, budgets and MWD activities.

On June 9, 2022, met with UD, MWD and LA County representatives regarding the proposed Quagga Mussel Mitigation Plan with the goal of delivering Colorado River Water to the Basin.

On June 13, 2022, attended the SGVMWD Board Meeting. Discussions included the adoption of their budget and salary increases, as well as conservation funding.

On June 13, 2022, met with Mr. Matt Litchfield and Ms. Sylvie Lee from TVMWD to discuss Basin conditions and potential opportunities to secure additional imported water for spreading.

On June 14, 2022, presented to the Council of Governments (COG) Water Committee on Watermaster's role in the Basin and water rights.

On June 14, 2022, participated in a coordination meeting with UD, MWD, and LA County regarding the Quagga Mussel Mitigation Plan.

On June 15, 2022, attended the TVMWD Board Meeting. Discussions included an update on conservation and outreach efforts along with a water supply outlook.

On June 16, 2022, participated in a committee with LA County on upgrades to the Integrated Regional Water Management Plan (IRWM) database system.

On June 16, 2022, participated in another Quagga Mussel Mitigation Plan coordination meeting.

On June 23, 2022, attended the TVMWD Leadership breakfast at Mountain Meadows Country Club where keynote speaker discussed cybersecurity issues.

On June 23, 2022, attended a meeting with MWD and the San Gabriel Valley Executives group to go over the status of the "Carson Project", now renamed Pure Water Southern California.

On June 23, 2022, participated in a meeting with the various stakeholders on the Quagga Mussel Mitigation Plan.

On June 29, 2022, met with representatives from Ortega Strategies Group on the redevelopment of the San Gabriel Valley Water Association (SGVWA) Website.

On June 30, 2022, met with Martin Rauch to kick off the 2021-22 Watermaster Annual Report preparation.

On July 11, 2022, presented at the SGVMWD Board Meeting discussing Basin conditions and Watermaster's outreach program.

On July 12, 2022, attended and participated in the COG Water Committee meeting.

On July 14, 2022, attended a Women in Water Conference in Lake Elsinore where the focus was on managing under new work-place conditions, post-COVID.

On July 14, 2022, participated in the Quagga Mussel Mitigation Plan development group with UD, MWD and LA County representatives. The County is posing many hurdles, but the group continues working together with the hope of mutual resolution.

On July 18, 2022, attended the Committee of Nine meeting where discussions included concerns for continued dry conditions, construction of the San Gabriel District pipeline, and potential Colorado River deliveries.

On July 26, 2022, participated in the Groundwater Replenishment Working Group focusing on hydrologic conditions and coordination of work planned along the river.

On July 27, 2022, participated in the Greater Los Angeles County Integrated Regional Water Management Plan (GLAC IRWM) Leadership Committee meeting. An update on existing grant awards was provided, along with information regarding the County's new Regional Water Plan.

On July 28, 2022, attended the San Gabriel Mountain Community Collaborative meeting where we received an update on Forest staffing, committee engagement and plans for new collaborative appointments.

On July 28, 2022, participated in the weekly Quagga Mussel coordination meeting with UD, MWD and LA County.

On July 28, 2022, met with CBWA representatives and lobbyist on the status of state legislation impacting the Central Basin including per- and polyfluoroalkyl substances (PFAS).

On August 2, 2022, participated in the California Groundwater Coalition Board Meeting discussing legislative matters and an overview of the Governor's budget priorities and drought implications.

On August 9, 2022, attended the COG Water Committee Meeting, providing an update on Watermaster activities, Key Well data, and overall Basin conditions.

On August 16, 2022, attended the Rio Hondo WASC meeting discussing the next round of Safe Clean Water LA funding.

On August 17, 2022, participated in a local briefing with Congresswoman Grace Napolitano and representatives from the Bureau of Reclamation discussing the need for federal funding for recycled water projects.

On August 23, 2022, participated in a roundtable discussion with Army Corps Colonels and Los Angeles County Flood Control District regarding the upcoming Whittier Narrows Dam improvement project included in WRDA funding.

On August 25 and September 1, 2022, participated in the USGRRH Steering Committee meeting featuring presentations for funding in the upcoming Prop 1, Round 2 awards.

On August 26, 2022, attended the Upper San Gabriel WASC to consider projects and funding requirements for the next round of the County's Measure W funding.

On September 6, 2022, participated in a meeting with Tom Love and Matt Litchfield regarding MWD deliveries and potential Water Supply Allocation.

On September 7, 2022, participated in the Three Valleys Board Meeting where they discussed the rebate check from ACWA JPIA and proposed changes to their Admin code.

On September 8, 2022, participated in the BPOU project meeting and presented on the annual budgets.

On September 15, 2022, attended the Annual Status Conference with Presiding Judge, the Honorable Maureen Duffy-Lewis reporting on Basin conditions.

On September 13, 2022, attended the COG Water Committee meeting. Items included discussion on legislative priorities for the coming year as well as information on the Safe Clean Water Funding rounds.

On September 19, 2022, attended the ACWA Region 8 meeting in Burbank featuring presentations on statewide water supplies and conservation measures.

On September 20, 2022, attended the Rio Hondo WASC as part of the Los Angeles County's Safe Clean Water Program – Measure W. The focus of this meeting was an update on the coming funding round and information on stakeholder engagement from Community Outreach consultant.

On September 22, 2022, attended the USGRRH Steering Committee for the Greater Los Angeles IRWM. The meeting included presentations from project proponents for Prop 1, Round 2 funding.

On September 22, 2022, met with Tom Love, Matt Litchfield, and Stetson staff regarding coordination of wet deliveries and planning for MWD's potential declaration of a Water Supply Allocation in 2023. Also discussed was the status of our submission to Fish and Wildlife on the Quagga Mussel Control Plan.

On September 22, 2022, participated in the GLAC Disadvantaged Community group meeting to review and score potential projects for the current funding round.

On September 27, 2022, met with Los Angeles County Public Works and Flood Control District representatives discussing various projects both in progress and upcoming, including the canyon dam cleanouts.

On September 27, 2022, attended the Groundwater Replenishment Coordinating Group meeting where agencies along the San Gabriel River discussed conditions, proposed deliveries, and project affecting the region.

On September 27, 2022, attended the El Monte Operable Unit (EMOU) project update meeting with EPA, WQA and project proponents to discuss the status of the remedy and monitoring results.

On September 28, 2022, attended the UD Board Meeting and heard a presentation from Steve Arakawa on the Bay Delta Project and State Water Project supplies.

On October 4, 2022, hosted a meeting with communications consultant, CityWorks on this year's outreach direction.

On October 5, 2022, attended the Three Valleys Municipal Water District Board Meeting, mostly discussing Cadiz study and upcoming election.

On October 5, 2022, attended the UD Water Resources and Facility Planning Committee discussed updates to the building retrofit.

On October 6, 2022, attended the Southern California Water Utilities Association Vendors Fair at Irwindale Speedway.

On October 6, 2022, participated in a joint meeting with UD and Three Valleys discussing imported water projections for the remainder of the calendar year.

On October 11, 2022, participated in the COG Water Committee providing an update on local conditions and Basin levels.

On October 12, 2022, met with Tom Love to discuss MWD's proposed reverse cyclic program.

On October 13, 2022, attended the Three Valleys Leadership Breakfast featuring an update on the Colorado River supplies.

On October 26, 2022, met with CityWorks regarding the upcoming SGVWA meeting and discussed the engagement process.

On October 26, 2022, attended a meeting with local representatives looking for grant funding with the Army Corps and Bureau of Reclamation.

On October 27, 2022, participated in the MWD San Gabriel Valley Water Executives meeting discussing the status of the Pure Water Southern California project.

On October 27, 2022, participated in the Upper San Gabriel River WASC discussing project funding and proposed projects.

On November 2, 2022, attended the Three Valleys Board Meeting.

On November 3, 2022, attended the Water Replenishment District's 60-year anniversary celebration.

On November 8, 2022, attended the Council of Governments Water Policy Committee (COG Water). The main item of discussion was their legislative priorities for the coming year, which include acquiring water rights for MS4 compliance projects.

On November 9, 2022, participated in a coordination meeting with representatives from COG Water to discuss challenges with funding projects through the LA County Safe Clean Water Program.

On November 14, 2022, attended the SGVMWD Board Meeting where they discussed the status of the Delta Conveyance Project and a vacancy on their Board.

On November 15, 2022, attended the LA County Safe Clean Water Program, Rio Hondo Watershed Area Steering Committee Meeting regarding outreach endeavors and new proposed projects.

On November 16, 2022, attended the Three Valleys MWD Board Meeting where the Board voted to exit the CADIZ project, and recognized Brian Bowcock as he leaves the Board.

On November 16, 2022, attended the Greater Los Angeles Integrated Water Management Leadership Committee to approve projects for grant inclusion.

On November 16, 2022, attended the Six Basins Watermaster meeting to listen in on discussions regarding safe yield and groundwater management strategies.

On November 18, 2022, attended a meeting with Los Angeles County Flood Control and River Watermaster regarding the Army Corps project of improving the Whittier Narrows Dam and relative diversion points.

On November 21, 2022, participated in a recruitment panel with UD.

On November 22, 2022, participated in our bi-monthly update meeting with LA County representatives to discuss projects and spreading coordination.

On November 28-December 1, 2022, attended the ACWA/JPIA conference in Indian Wells, where we participated in roundtable discussions on employee retention and managing through drought and regulatory impacts.

On November 29, 2022, participated in the California Groundwater Coalition Board Meeting where guest speaker Dorene D'Adamo, Vice Chair of the California State Water Resources Control Board, discussed challenges state-wide and the recognition of local control.

On December 6, 2022, participated in the Groundwater Replenishment Coordinating Group meeting that focused on activities along the river including water levels, planned releases and construction projects.

On December 7, 2022, attended the Sunny Slope Water Company's Annual Meeting and provided a presentation on Basin Conditions and Supply Outlook.

On December 13, 2022, met with the website consultant to test the upgraded SGVWA website prior to launch.

On December 13, 2022, met with Darin Kasamoto and his consultant to look at the possibility of restarting some of the Foothill Water Coalition projects to seek funding opportunities.

On December 14, 2022, met with representatives from California American Water Company to discuss operational challenges with the East Pasadena system they took over.

On December 14, 2022, met with a consultant for the City of Glendora to work through some of their master plan components.

On December 14, 2022, attended a meeting with representatives from LA County Parks regarding access to wells for monitoring and testing.

On December 15, 2022, attended a meeting with representatives from the Civil Grand Jury regarding water issues in the San Gabriel Valley.

On December 20, 2022, met with representatives from CityWorks to discuss the next phase of the outreach campaign and strategize about future engagement opportunities.

On January 4, 2023, participated in the Three Valleys Municipal Water District Board Meeting.

On January 5, 2023, attended the Upper San Gabriel Valley Municipal Water District's (USGVMWD) Building Dedication ceremony.

On January 5, 2023, met with Los Angeles County Flood Control District representatives regarding various interactions between the agencies.

On January 6, 2023, presented at the West Covina Historical society on Watermaster's role in local water supply, including historical reference to our formation and vision going forward.

On January 10, 2023, attended the California Association of Councils of Governments (COG) Water Committee meeting. Discussion included legislative priorities and MS4 permit reports for cities. COG staff asked that Watermaster prepare a presentation on Water Rights for the Main Basin for a future meeting.

On January 17, 2023, met with Darin Kasamoto to discuss predictive tools regarding the San Gabriel Valley Municipal Water District's obligations for Replacement Water and RDA deliveries. We also discussed the District's plans regarding involvement in the Pure Water Southern California project.

On January 17, 2023, attended the EMOU project committee meeting where the stakeholders discussed the remedy, proposed enhancements, and reporting requirements.

On January 17, 2023, attended the Rio Hondo Watershed Area Steering Committee as part of Los Angeles County's Safe Clean Water LA program. The meeting included an update from the Watershed Area Coordinator regarding outreach and regional communications, along with 3 project presentations.

On January 18, 2023, attended the WQA Workshop on their proposed assessment legislation.

On January 23, 2023, attended the San Gabriel Valley Municipal Water District Board Meeting. The primary focus of the meeting was the swearing-in of new Board Member, Mike Eng. Discussion continued relative to the agency audit and its participation in the Pure Water Southern California project with Metropolitan Water District of Southern California.

On January 24, 2023, attended the San Gabriel River Water Committee Meeting. Discussions included an update on the conduit repair as well as an update from Los Angeles County Flood Control on hydrologic conditions.

On January 24, 2023, coordinated a meeting with Flood Control representatives regarding available local water and early discussions about imported deliveries.

On January 25, 2023, attended the Greater Los Angeles County Integrated Regional Water Management Leadership Committee Meeting. The meeting featured an update from County staff regarding prior funding rounds as well as an update on the current Proposition 1, Round 2 applications.

On January 26, 2023, attended the San Gabriel Mountains Community Collaborative to discuss priorities for the coming year.

On January 26, 2023, attended the Upper San Gabriel River Watershed Area Steering Committee as part of the Los Angeles County Safe Clean Water Program. The meeting included outreach updates from the Watershed Coordinator as well as project presentations for the next funding round.

On February 6, 2023, met with LA County Flood Control reps regarding spreading activities and planned imported water deliveries.

On February 7- 8, 2023, attended the AGWA/AGWT Conference in Ontario. Speakers included information on new technologies, enhanced mapping, and modeling tools as well as treatment processes for emerging contaminants.

On February 9, 2023, conducted a site visit at a private well in the Main Basin.

On February 9, 2023, attended USGVMWD's Board Meeting and subsequent Producer meeting. Discussions included Metropolitan Water District's (MWD) proposed rates for calendar year 2023 and beyond.

On February 9, 2023, met with representatives from the MWD member agencies regarding Key Well projections and unified communications regarding imported supplies.

On February 11, 2023, presented at the 48th Republican Assembly District meeting on water supply conditions and drought.

On February 13, 2023, attended a CGC meeting to discuss proposed changes in dues and membership criteria.

On February 14, 2023, participated in a short Zoom meeting with a Stanford student conducting research on local water management, tools, and associated costs.

On February 14, 2023, participated in the COG Water Policy Committee that primarily focused on Safe Clean Water Projects and Priorities.

On February 15, 2023, attended a meeting with the City of Glendora regarding a request for support on a project being submitted for funding consideration through the Safe Clean Water Program.

On February 16, 2023, participated in a panel discussion for the Southern California Water Utilities Association on water supply and Basin conditions.

On February 21, 2023, attended the San Gabriel River Water Committee meeting and discussed planned releases by the County as well as the next phase of the reservoir clean-out projects in the canyon.

On February 21, 2023, participated in a meeting with MWD and USGVMWD to discuss short and long-term drought planning strategies.

On February 22, 2023, conducted a tour of the canyon facilities for Mr. Anteneh Tesfaye, Watermaster Board Member.

On February 23, 2023, attended the Three Valleys Leadership Breakfast featuring keynote speaker, Charlie Wilson, who engaged the group in the need to take action, at all levels of the industry to better the water supply conditions for the entire state.

On March 6, 2023, participated in the California Groundwater Coalition meeting. The focus of the discussion was reviewing proposed bills and legislative engagement.

On March 7, 2023, participated in a meeting with the Los Angeles County Flood Control District regarding project status and local conditions.

On March 8, 2023, attended the UD Producers Meeting and Strategic Planning session. Later that afternoon, we both attended the UD Board Meeting as well.

On March 15, 2023, facilitated the Contact Hour Workshop at the City of Lakewood.

On March 16, 2023, participated in the LA Water Plan meeting reviewing the final draft and discussing the upcoming comment period.

On March 20, 2023, attended a legislative update meeting with the CGC Board to discuss a few legislative amendments and positions.

On March 20, 2023, attended a meeting with SGVMWD regarding an application for grant funding on behalf of the Foothill Water Coalition.

On March 21, 2023, attended the Committee of Nine meeting where the Committee reported on diversions, planning efforts, and the request to borrow from the Protective Association.

On March 23, 2023, met with representatives from SGVMWD and TVMWD to discuss the ability to deliver Article 21 SWP water to the Basin.

On March 28, 2023, participated in the Groundwater Replenishment Coordinating Group to discuss local, imported, and recycled water accounting and proposed projects.

On March 29, 2023, attended a tour of the canyon dams with Los Angeles County Flood Control District as part of the LA Water Plan release.

On April 4, 2023, presented to the COG Water Committee regarding Basin Conditions and Water Rights.

On April 4, 2023, met with Ms. Jessica Taylor, California American Water Company in response to our offer to meet with any Producer for a “one-on-one” to discuss any questions they may have about Watermaster and our operations.

On April 5, 2023, attended a meeting with UD and Los Angeles County representatives regarding planned imported water deliveries and potential impacts to their access point – the Arizona Crossing.

On April 6, 2023, met with the City Manager and Public Works Department regarding the OSY and RDA at the request of Monrovia Councilmember, Gloria Crudgington.

On April 6, 2023, attended a meeting at MWD regarding the availability of imported water and recharge programs under consideration by their Board.

On April 12, 2023, attended UD’s Strategic Planning Session in Monrovia.

On April 18-19, 2023, met with SGVWA Strategic Planning Consultant, Lisa Ohlund, regarding the session planned for April 20th.

On April 19, 2023, participated in the Three Valleys Municipal Water District Board Meeting. The District discussed their budget and provided a status update on their legislative positions.

On April 19, 2023, met with LA County representatives regarding the Watermaster Status Conference/Tour on April 26th.

On April 20, 2023, coordinated and attended the SGVWA Strategic Planning Session held at Valley County Water District.

On April 21-23, 2023, attended the UD/MWD Inspection Trip of the State Water Project.

On April 22, 2023, hosted an educational booth at Los Angeles County Sanitation Districts Earth Day event.

On April 24, 2023, met with representatives from MWD and the Sanitation Districts regarding their respective roles in the Status Conference on April 26th.

On April 25, 2023, attended the West Fork Working Group to discuss canyon conditions.

On April 25, 2023, participated in a meeting with BPOU Cooperating Respondent's (CR's), WE's and EPA to discuss concerns with air quality sampling at B-6.

On April 26, 2023, hosted the Honorable Judge, Maureen Duffy-Lewis on Status Conference Hearing and Tour of the Pure Water Southern California program.

On April 27, 2023, participated in the San Gabriel Basin Executives meeting discussing the status of the Pure Water Project as well as other MWD conditions.

On May 8, 2023, met with representatives from Los Angeles County Parks and Department of Toxic Substances Control (DTSC) to discuss the production agreement for the WNOU and its deliveries to Legg Lakes.

On May 15, 2023, attended the USC Cross Connection Control Meeting.

On May 16, 2023, attended the San Gabriel River Water Committee meeting. Discussion included an update from Los Angeles County on canyon storage along with an update on the Pasadena conduit repair project.

On May 17, 2023, attended the UD Producers meeting. Topics included an update on the Quagga Mussel Mitigation Plan, imported deliveries and UD's Strategic Plan.

On May 18, 2023, participated in the Water Forum partners meeting. The group discussed the vision going forward as well as sponsorship relations.

On May 22, 2023, attended a meeting with representatives from Citrus College to discuss opportunities to expand water industry education and career path knowledge to various levels of academia.

On May 22, 2023, participated in a meeting with Three Valleys, City of Glendora, Covina Irrigating Company, and Puente Basin Water Agency regarding a proposed treatment plant project.

On May 24, 2023, participated in the ACWA Region 8 legislative planning call.

On May 24, 2023, attended the Public Water Agencies Group meeting at Valley County as well as the UD Board Meeting.

On May 30, 2023, attended the Groundwater Replenishment Coordinating Group meeting that involved discussions on planned projects impacting deliveries and local conservation including precipitation/spreading.

On May 30, 2023, participated in a meeting of the SGVPA Distribution Committee.

On June 1, 2023, attended a tour with the Chino Basin Water Conservation Authority as they engaged with university professors from Southern California schools.

On June 7, 2023, attended the Three Valleys Board Meeting. Items discussed were related to water supply state-wide and MWD programs for taking additional water.

On June 12, 2023, met with representatives from Three Valleys to discuss their proposal to accept MWD In-Lieu deliveries as a potential storage program in the Main Basin.

On June 13, 2023, presented at the San Gabriel Valley Municipal Water District Asian Media Event held in Monterey Park. Provided information on water supply, groundwater recharge and water quality.

On June 14, 2023, met with representatives from CityWorks on communications planning for FY 23-24.

On June 15, 2023, met with representatives of Southern California Edison regarding production reporting and systems upgrades at their Irwindale site.

On June 15, 2023, attended the Water Forum partners meeting. The group considered reviving the Water Forum paused by the Pandemic, and options moving forward.

On June 21, 2023, participated in the WNOU Stakeholder meeting discussing the status of the projects permanent end-use (San Gabriel Valley Water Company).

On June 21, 2023, participated in a meeting with representatives from UD, Three Valleys, Water Quality Authority (WQA), and the San Gabriel District to possibly initiate a San Gabriel Valley Chapter of Women in Water.

On June 22, 2023, hosted a tour of the Canyon, and San Gabriel River System at the request of Southern California Water Utilities Association.

On June 23, 2023, attended a PFAS workgroup meeting hosted by the Water Replenishment District discussing current MCL's and technology, as well as funding opportunities.

On June 27, 2023, attended the PVOU meeting where the group discussed the current status of the remedy, including the startup of the new treatment plant operated by La Puente Valley County Water District.

On June 29, 2023, attended the Three Valleys Municipal Water District Leadership Breakfast featuring an MWD presentation from General Manager Adel Hagekhalil.

On June 29, 2023, attended, by invitation, a press conference with Supervisor Kathryn Barger and representatives from the Department of Water Resources to celebrate a \$10.5 million dollar grant to help fund the Santa Anita Debris Dam project. The project will raise the level of the dam to allow greater stormwater capture for groundwater infiltration.

On June 30, 2023, participated, by the invitation of Three Valleys, in a roundtable discussion with the Ministry of Denmark to discuss water issues from a world-wide perspective.

Organized and Participated SGVWA Meetings

(SGVWA) Board Meeting

- June 27, 2022, via Zoom Meetings. The meeting primarily focused on outside agency updates, a report on legislative matters and discussion regarding speaker options for the August quarterly meeting.
- July 25, 2022, via Zoom Meetings. The meeting primarily discussed statewide MWD water supply conditions and drought planning.
- September 26, 2022. Discussion focused on legislative updates, agency reports, information on wet deliveries this fall and potential speakers for the November Annual Meeting.
- October 24, 2022, via Zoom Meetings. The meeting included an update on legislative issues discussed this year, as well as discussion regarding the annual election.
- January 23, 2023. The Board approved the 2023 Board/Committee Assignments and took action to support the WQA legislation once the bill is given an official number.
- March 27, 2023. The Committee and Board discussed proposed budget and assessments, proposed legislation, and May's quarterly meeting.
- April 24, 2023. The meeting involved an update on legislative matters and local conditions including details on the State Water Project allocation of 100%.

- June 26, 2023. The meeting primarily focused on outside agency updates, a report on legislative matters and discussion regarding speaker options for the August quarterly meeting.

(SGVWA) Quarterly Meeting

- August 18, 2022, featuring guest speaker Dave Pedersen from Las Virgenes Water District discussing conservation.
- February 9, 2023. The meeting featured a water supply update and outlook from MWD Chair, Adan Ortega.
- May 18, 2023. Guest speaker Mark Toy, General Manager of Yorba Linda Water District and retired Major General from the US Army Corps of Engineers spoke about the importance of collaboration across local, state, and federal agencies to navigate long-term solutions for Southern California's water supply challenges.

(SGVWA) Legislative Meetings

- June 27, 2022, discussed the status of Bills and the State Budget.
- January 23, 2023, discussed priorities and early release bills for the year, including a presentation from Randy Schoellerman regarding San Gabriel Basin WQA's assessment bill.
- February 27, 2023, discussed bills and priorities for the coming year.
- March 27, 2023, discussed proposed budget and assessments, proposed legislation, and May's quarterly meeting.
- April 24, 2023, participated in the Legislative Committee meeting.
- June 26, 2023, discussed the status of Bills and the State Budget.

(SGVWA) Annual Meeting

- November 10, 2022, Annual Meeting. The meeting featured an interactive engagement with outreach consultant CityWorks on readying Producers for drought management.

Coordinated and Participated in Central Basin Water Association (CBWA) Meetings

(CBWA) Board Meetings

- June 6, 2022. This was the last meeting for President Grajeda as he announced retirement from the Association and Pico Water District. The group received an update from Water Replenishment District (WRD) on their PFAS program and discussed production and water levels.
- July 11, 2022, via Zoom. This was the first meeting President Paul DiMaggio presided. The group received an update from WRD on their PFAS program and discussed production and water levels.
- August 1, 2022. The meeting included information on Production in the Central Basin, water levels, and WRD assistance programs.
- September 12, 2022. The meeting included information on Production in the Central Basin, water levels, and an update on WRD's PFAS assistance programs.
- October 3, 2022. The meeting included an update on legislative issues as well as information on Central Basin groundwater production, imported water deliveries and PFAS assistance programs.
- January 9, 2023. Topics of discussion included suggestions for the February Quarterly meeting speaker, as well as 2023 meeting dates and financial reports.
- March 6, 2023. Discussion primarily included water supply conditions in the Central Basin and the upcoming Contact Hour Workshop.

- April 3, 2023. The meeting was held via Zoom and included a brief report from WRD on water levels, production, and their budget process.

(CBWA) Quarterly Meeting

- November 7, 2022, the presenter for this meeting was CBWA Lobbyist Jennifer Capitolo, who provided a recap of the 2022 legislative year and insight for 2023.
- February 16, 2023, we discussed Basin-wide activities, including a report from WRD on production and their upcoming budget process.
- May 2, 2023, the guest speaker for the meeting was Central Basin Municipal Water District General Manager Alex Rojas, who provided an overview of the agency's evolution and outlook.
- June 5, 2023, the group received an update from WRD on their PFAS program and discussed production and water levels.

Participated in BPOU Project Agreement

- June 9, 2022, participated in the committee meeting held via Zoom.
- June 28, 2022, participated in a Special Project Committee meeting to discuss and approve Phase 2 of San Gabriel Valley Water Company's B-6 Plant.
- August 15, 2022, processed BPOU budgets per the Project Agreement and coordinated individual Producer meetings with the CR's.
- March 9, 2023, participated in the committee meeting.
- June 8, 2023, participated in the project committee meeting. The meeting included information and dates for the upcoming budget process.

Participated in Safe Clean Water Program – Watershed Area Steering Committee (WASC)

- February 21, 2023, met with the Rio Hondo WASC.
- February 23, 2023, met with the Upper San Gabriel WASC.

Coordinated and Participated in San Gabriel Valley Protective Association (SGVPA)

- March 13, 2023, coordinated and participated in the SGVPA Executive Committee. Items of discussion included the annual budget and appointment of Officers and Committee Members.

Hosted (SGVPA) Annual and Organizational Meetings.

- April 17, 2023, organized and hosted the Annual and Organizational Meetings of the SGVPA. The meetings included information on local rainfall and runoff, along with the adoption of the annual budget.

Participated in IRWMP

- March 22, 2023, participated in the GLAC Leadership Committee Meeting. The meeting included a discussion about the status of existing project grants from all funding rounds, as well as information on the LA Water Plan.
- March 22, 2023, participated in the LAC DAC meeting discussing outreach consultant contract renewals.

TABLE 1
WATERMASTER 2023 COMMITTEE ASSIGNMENTS
AND REPRESENTATION TO OTHER ORGANIZATIONS

Administrative Committee

(3rd Wednesday @ 1:30 p.m.)

Staff: Zampielo, Gardner

M. Zvirbulis (CH)	S. Alvarado (N)
L. Noriega	D. Arrighi (N)
D. DeJesus	M. Barbosa (N)
D. Michalko	P. DiMaggio (N)
	C. Fealy (N)
P. Cranmer (A)	R. Frausto (N)
G. Galindo (A)	C. Gott (N)
B. Lewis (A)	G. Hofer (N)
J. Martinez (A)	D. Muse (N)
J. Prior (A)	S. Placido (N)
	R. Rich (N)
	T. Robinson (N)
	P. Rowley (N)
	J. Santana (N)
	J. Taylor (N)

Basin Water Management Committee

(2nd Wednesday @ 1:30 p.m.)

Staff: Zampielo, Gardner

D. Michalko (CH)	
D. DeJesus	
A. Fellow	
M. Zvirbulis	
P. Cranmer (A)	S. Alvarado (N)
G. Galindo (A)	D. Arrighi (N)
B. Lewis (A)	C. Fealy (N)
H. Nguyen (A)	R. Frausto (N)
L. Noriega (A)	G. Hofer (N)
C. Obegolu (A)	S. Placido (N)
J. Prior (A)	T. Robinson (N)
J. Taylor (A)	

** See next page for additional invites*

Finance Committee

(Meet @ call of Chair)

Staff: Zampielo, Gardner, Artis

A. Tesfaye (CH)	P. DiMaggio (A)
B. Lewis	G. Galindo (A)
J. Santana	D. Michalko (A)
M. Zvirbulis	L. Noriega (A)
	J. Prior (A)

S. Alvarado (N)
D. Arrighi (N)
M. Barbosa (N)
C. Fealy (N)
R. Frausto (N)
C. Gott (N)
G. Hofer (N)
J. Martinez (N)
J. Taylor (N)

ACWA - Region 8

Representative - T. Zampielo
Alternate - K. Gardner

AGWA

Representative - T. Zampielo
Alternate - L. Noriega

San Gabriel Valley Water Association

Representative - D. Michalko

WQA Committee Representatives

Engineering Committee - *As Needed*
Admin./Finance Committee - D. Michalko
WQA Legislative/Public Information Committee - L. Noriega

ACWA - JPIA

Representative - D. DeJesus
Alternate - T. Zampielo

Note: Watermaster Chair and Vice Chair are ex-officio members of all Watermaster committees except for the Administrative Committee.

(CH) Committee Chair
(A) Advisory member
(N) Notice

**WATERMASTER 2023 COMMITTEE ASSIGNMENTS
AND REPRESENTATION TO OTHER ORGANIZATIONS**

Also invited (BWMC):

M. Barbosa	S. Madrid
R. Bowcock	V. Magana
G. Boyer	C. Malaiba
K. Cason	J. Martinez
T. Coleman	V. Navarette
P. DiMaggio	J. Pellissier
B. DiPrimio	O. Ramos
C. Feilen	R. Rich
B. Gallardo	J. Santana
C. Gott	J. Savron
M. Hacker	R. Schoellerman
E. Hitchman	A. Tesfaye
S. Johnson	R. Torres
D. Kasamoto	D. Van
S. Kiggins	C. Venegas
S. Lee	P. Zampiello
M. Litchfield	
T. Love	

Ad Hoc Committee* (Communication/Education)

Staff: Zampiello, Gardner, Jimenez

P. DiMaggio

R. Frausto *Also Invited: P. Cortez, E. Reyes, M. Litchfield*

G. Galindo

B. Lewis

J. Martinez

D. Michalko

H. Nguyen

L. Noriega

M. Zvirbulis

**Attendees subject to change at the call of the Watermaster Chair*

APPENDIX B

MAIN SAN GABRIEL BASIN WATERMASTER OVERVIEW

APPENDIX B

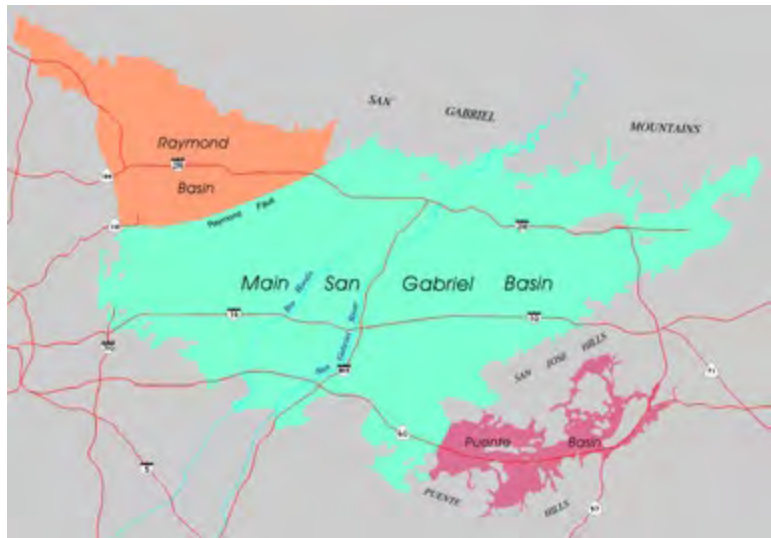
MAIN SAN GABRIEL BASIN OVERVIEW

INTRODUCTION

The Main San Gabriel Basin is situated in the southeasterly portion of Los Angeles County, bounded on the north by the San Gabriel Mountains, on the northwest by Raymond Basin, on the southeast by Puente Basin, and on the south by Central Basin.

FORMATION AND PURPOSE OF WATERMASTER

The Main San Gabriel Basin groundwater and surface water rights were adjudicated in 1973, and the Court established the Main San Gabriel Basin Watermaster (Watermaster) to manage the water supply and water quality of the Main San Gabriel Basin. The Judgment was entered January 4, 1973 and from its inception, water quality has been one of Watermaster's responsibilities. Section 26m of the original Judgment (amended Section 34m) states "Water quality in the Basin shall be a concern of Watermaster and all reasonable steps shall be taken to assist and encourage appropriate regulatory agencies to enforce reasonable water quality regulations affecting the Basin..."



OVERVIEW

County: Los Angeles (southeasterly portion).

Area: 107,000 acres/167 square miles.

Population: 1,216,931 (2020 Data).

CASGEM RANK: Very Low (Pursuant to document entitled "2019 SGMA Basin Prioritization Process and Results").

Watermaster: Main San Gabriel Watermaster.

Members: Nine-person board appointed by LA County Superior Court; six elected by water Producers, three nominated by municipal water districts.

Court Case: Upper San Gabriel Valley Municipal Water District, Plaintiff, vs. City of Alhambra, et al. Defendants, Superior Court of the State of California (Case No. 924128).

BASIN LOCATION AND DESCRIPTION:

The Main San Gabriel Basin occupies most of the San Gabriel Valley. It encompasses about 107,000 acres, and the amount of groundwater in storage was 8.6 million acre-feet when the groundwater elevation at the Baldwin Park Key Well was 316 feet on September 30, 1944. In general, one foot of groundwater elevation change is equivalent to about 8,000 acre-feet in storage. Hydrogeologically, the

San Gabriel groundwater Basin is divided between three adjudicated sub-basins: Main Basin, Puente Basin, and portions of Six Basins area.

In addition, there is the Spadra sub-basin, which is not adjudicated. Collectively, the Main San Gabriel Basin and Puente Basin are bounded on the north by the San Gabriel Mountains, on the east by the San Jose Hills, on the south by the Puente Hills, and the Raymond Fault on the west. The San Gabriel River and Rio Hondo, a distributary of the San Gabriel River, drain the San Gabriel River watershed. The Puente Basin is in the southeast and is a tributary of the Main Basin. The Six Basins area is located in the northeast and a portion is tributary of the Main Basin. They are each adjudicated and managed separately. The aquifers are located inland (saltwater intrusion is not a risk) and are unconfined. In the San Gabriel Valley, average precipitation over the past 100 years is approximately 18.5 inches but the average over the past ten years is only 15.1 inches.

The major sources of natural recharge to the Main San Gabriel Basin are infiltration of rainfall on the valley floor and runoff from the nearby mountains. The Main San Gabriel Basin is the first of a series of basins (including Puente, Central, and West Coast Basins) to receive the benefit of mountain runoff, and the Basin interacts hydrogeologically and institutionally with these adjoining basins. In the mid-1800s, agriculture and ranching were the primary economy in the Basin. The Main San Gabriel Basin's current land use is primarily urban.

Total production over the past ten years, including groundwater and treated local surface water has been decreasing, peaking at about 242,900 acre-feet in fiscal year 2012-13 and falling to about 168,400 by fiscal year 2022-23). The majority of pumping is conducted by municipal water purveyors, and a lesser amount of production is conducted by rock and gravel companies. Most communities depend almost entirely on Main San Gabriel Basin groundwater for their water supply, and also benefit from indirect access to untreated imported water, which is used to replenish the groundwater Basin.

NEED FOR ADJUDICATION

Beginning in the 1940s, the San Gabriel Valley experienced rapid urbanization as well as a decrease in recharged wastewater due to an increase in sewage exports. This led to increased demand for water drawn from the Main San Gabriel Basin. By the 1950s, the Main San Gabriel Basin was in a state of overdraft and parties downstream from the Main San Gabriel Basin, including agricultural and urban water purveyors in the Central and West Coast Basins, became concerned. These downstream users (primarily the municipal providers for Compton, Long Beach and the Central Basin) who relied on the San Gabriel River system for their natural water supply as it flowed through the Whittier Narrows, initiated a legal action (the Long Beach Judgment of 1965). This resulted in a court decision requiring Main San Gabriel Basin water users to guarantee a defined and calculated annual amount of water to downstream basins. For several years, the Upper San Gabriel Valley Municipal Water District (USGVMWD) administered and took responsibility for the Main San Gabriel Basin's obligations to these downstream groundwater basin water users. In 1968, the Main San Gabriel Basin municipal water producers requested the Upper San Gabriel Valley Municipal Water District file a complaint to adjudicate water rights in the Main San Gabriel Basin and bring Main San Gabriel Basin producers under control of one governing body. This complaint, initiated by municipal users and filed by the Upper San Gabriel Valley Municipal Water District, became the basis for the 1973 Main San Gabriel Basin Judgment. Rather than adjudicate based on mutual prescription, as was done in Central and West Coast Basins, municipal users in the San Gabriel Valley chose to negotiate in a "friendly" adjudication. The water association commissioned a consultant and legal counsel to develop the negotiated settlement and management plan. This became the stipulated Judgment, which was accepted by the court in 1973.

JUDGMENT AND AMENDMENTS

Type of action: Stipulated Judgment and lawsuit.

Adjudication initiated: 1968

Adjudication finalized: 1973

Revisions or amendments: 1989, 1991, 1992, 2012

Other significant dates: 1965 Long Beach Judgment and 1972 Puente Narrows Agreement.

Costs: \$4,000,000 to \$5,000,000 per year.

DECREE SUMMARY:

The Main San Gabriel Judgment defined water rights for about 190 original parties, created the Main San Gabriel Basin Watermaster as the governing body, and described a Physical Solution for water management. The Physical Solution provides for Watermaster control of Basin management, and flexibility in initiating cooperative agreements, regulating and controlling pumping, purchasing replacement water, and determining the natural and operational safe yields (see below). The Judgment allows for overproduction of rights, but overproduction incurs a Replacement Water Assessment. Subsequent amendments clarified and extended Watermaster's role. Both groundwater and surface water rights in the Main San Gabriel Basin were adjudicated under five classes of water rights. 1) Groundwater rights based on mutual prescription (see Raymond Basin) and comprised about 95 percent of annual water rights for direct use. Each pumper's share was a percentage of the total adjudicated rights. 2) Base annual diversion rights, which are surface rights held by parties not owning groundwater (prescriptive) pumping right. 3) Integrated production rights held by Producers with combined surface and groundwater rights, which allows for greater diversions and use of less groundwater in wet years, and then carrying over unused prescriptive rights to the following year. 4) Special rights that are allocated to MWD for its dam and reservoir and to LA County Flood Control District for its reservoir. 5) Non-consumptive user rights for parties operating spreading facilities. Pumpers whose production exceeds their water rights pay an assessment to finance the purchase of replenishment water. The Judgment placed injunctions against unauthorized production, non-consumptive uses (not including spreading), unauthorized recharge, and exporting native water from the Main San Gabriel Basin.

JUDGMENT AMENDMENT SUMMARY:

In 1991, Watermaster was given authority to allow recharge of up to 30,000 acre-feet per year of recycled water as supplemental water and was also given authority to control pumping for water quality improvement purposes and enter into agreements with the EPA to facilitate groundwater cleanup. In 2012, Watermaster was given authority to develop and levy a Water Resource Development assessment (RDA) to bring additional untreated imported water into the Main San Gabriel Basin. Initially, Watermaster levied an RDA (referred to as RDA I) to create an emergency reserve of untreated imported water stored in the Main San Gabriel Basin to be used in the event untreated imported water was not available to satisfy a Replacement Water obligation. As a result of the prolonged drought, Watermaster and the Producers cooperatively developed the RDA II program, which generates revenue to purchase untreated imported water to supplement the lack of stormwater replenishment as the result of continued drought conditions. The RDA II program is also complimentary to the groundwater basin management mandate included in the "Sustainable Groundwater Management Act" (SGMA).

Two other judgments were acknowledged in the Main Basin adjudication. **The Long Beach Judgment**, rendered by the Superior Court in 1965, which guarantees Central and West Coast Basins an average annual water supply of about 98,000 acre-feet per year through the Whittier Narrows. **The Puente Narrows Agreement** of 1972 between Puente Basin Water Agency and Upper San Gabriel Valley Municipal Water District calculates and governs subsurface outflow from Puente Basin to the Main San Gabriel Basin. This agreement calls for an average Base Underflow of 580 acre-feet per year from Puente Basin to the Main San Gabriel Basin. The Main San Gabriel Watermaster adheres to both rulings.

WATER USERS

Stipulated Users:

Stipulated users originally included about 190 parties of which about 40 were municipal purveyors. Designated parties to the Judgment included the Upper San Gabriel Municipal Water District, the Three

Valleys Municipal Water District, the San Gabriel Valley Municipal Water District, about 40 other public and investor owned water supply agencies, 15 industrial customers, and eight agricultural and golf course pumpers.

Current Users:

About Forty-five private parties or companies pump directly. A number of parties have rights to divert surface flows.

MANAGEMENT STRUCTURE

Main San Gabriel Basin Watermaster is a nine-person board, appointed by Los Angeles County Superior Court, which manages and controls the withdrawal of groundwater and surface water, and coordinates water deliveries and recharge. The Watermaster Board is comprised of six individuals elected by water producers and three by water districts (two by Upper San Gabriel Valley Municipal Water District and one by the San Gabriel Valley Municipal Water District). Each member serves a one-year term. Several advisory committees have been established to assist the Watermaster Board. Its membership includes Watermaster board members and may also include advisory committee members who are not Watermaster board members. Watermaster has a staff and engages consultants for special projects.

Watermaster's responsibilities include: managing and controlling the withdrawal and replenishment of water supplies in the Basin; determining the Operating Safe Yield annually; raising replenishment revenue by means of assessments, and acquiring and spreading untreated imported water for groundwater replenishment; raising revenue by means of assessments and acquiring and spreading untreated imported water to supplement the lack of stormwater runoff; coordinating local involvement in efforts to preserve and restore the quality of the Basin's groundwater; assisting and encouraging regulatory agencies to enforce water quality regulations in the Basin; collecting production, water quality, and other relevant data from producers; and preparing an annual report.

The Upper San Gabriel Valley Municipal Water District, Three Valleys Municipal Water District, and San Gabriel Valley Municipal Water District deliver supplemental State Water Project (SWP) water to the Basin. The County of Los Angeles Department of Public Works (LACDPW) plays a role in ensuring groundwater Basin replenishment from local stormwater runoff is coordinated with replenishment of supplemental SWP water. The San Gabriel Basin Water Quality Authority obtains some funding for the Main San Gabriel Basin's cleanup activities. The San Gabriel River Watermaster calculates the Main San Gabriel Basin's credits and debits pursuant to the terms of the Long Beach Judgment.

MANAGEMENT STRATEGIES

Main San Gabriel Basin demand is satisfied about 85 percent from local groundwater, 10 percent from treated imported water and 5 percent from other local supplies (recycled water and local surface water diversions). In addition, an average of about 40,000 acre-feet per year of untreated imported water historically has been delivered for Main San Gabriel Basin replenishment (Replacement Water). Also, during fiscal year 2016-17, Watermaster implemented the RDA program to deliver untreated imported water to the Main San Gabriel Basin to supplement stormwater runoff replenishment. The RDA program delivered about 4,000 acre-feet of wet water to the Main San Gabriel Basin during fiscal year 2022-23 and about 24,000 acre-feet of RDA funds was applied through MWD's Cyclic Storage Letter Agreement. Next fiscal year 2023-24, there is about 51,000 acre-feet of RDA funds available. The typical Main San Gabriel Basin operating range for water levels is between 200 and 250 feet MSL (above mean sea level).

There are about 17 spreading basins in the Main San Gabriel Basin, covering more than 1,100 acres, which are operated by Los Angeles County Department of

Since 2011–12, Watermaster has brought in an additional 141,700 acre-feet of RDA water and 549,100 acre-feet of imported untreated water, representing about 86 feet at the Key Well.

Public Works (LACDPW) or other agencies capable of capturing storm-water runoff from adjacent canyons and/or imported water. The spreading capacity of existing facilities is more than 600,000 acre-feet per year.

In 1983, the agencies in the San Gabriel River Watershed formed the Groundwater Replenishment Committee. They agreed to coordinate deliveries of local, recycled and imported water for groundwater replenishment, and identify future needs and potential replenishment facilities.

Watermaster, municipal water districts, and Producers have various cyclic storage agreements in which untreated imported water is stored in the Main San Gabriel Basin and extracted when imported water supplies are short. Imported water is credited to these cyclic storage accounts.

Metropolitan also delivers replenishment water to the Main San Gabriel Basin, through sales to Three Valleys Municipal Water District and Upper San Gabriel Valley Municipal Water District. During calendar year 2017 and again during calendar year 2019, Metropolitan entered into separate agreements to deliver untreated imported water into the Main Basin, with payment arrangements for the water occurring in equal amounts over five consecutive years.

MONITORING AND REPORTING

There are about 250 wells in the Main San Gabriel Basin, 200 of which are active. There are about 20 non-municipal wells. Most of these wells are monitored by Watermaster for water quality parameters. In addition, the Basin-wide Groundwater Elevation Monitoring Program (BGWEMP) is a network of wells in the Main San Gabriel Basin that are regularly measured by the Watermaster on a permanent basis. The program is designed to facilitate coordination of existing water-level monitoring done by agencies. In addition, each adjudicated party is obligated to file a quarterly report with the Watermaster showing the total pumping and diversion amounts.

SAFE YIELD

Groundwater storage capacity was determined by Department of Water Resources (DWR) in 1975 to be 10,438,000 acre-feet. The Main San Gabriel Basin Judgment determined the Natural Safe Yield of Main Basin to be 152,700 acre-feet on the basis of 1967 conditions but is close to 185,000 acre-feet based on 2016 conditions. Watermaster annually determines the Operating Safe Yield (OSY) as the amount of groundwater that can be pumped in a fiscal year without replacement water assessments. The main factors in making this determination are rainfall, runoff amounts, and groundwater levels. In 2005-06 the OSY was 240,000 acre-feet, and in 2022-23 the OSY was 150,000 acre-feet. Producers may pump in excess of annual pumping rights but must pay for supplemental untreated imported water to replenish the Basin. Any entity that wishes to spread or store supplemental water within the Main San Gabriel Basin for later recovery must have a cyclic storage agreement with the Watermaster. These agreements typically have five-year or ten-year terms.

GROUNDWATER PUMPING AND OVERDRAFT

In 1944, water stored in the Main San Gabriel Basin was approximately 8,600,000 acre-feet and had decreased to 7,900,000 acre-feet by 1960. The Main San Gabriel Basin was considered over drafted since 1953, which prompted the Main Basin adjudication. Since establishment of Main San Gabriel Basin Watermaster, groundwater recharge (local and imported water) in the valley has averaged about 150,000 acre-feet per year. As part of the Judgment, Watermaster recharges replacement water to maintain the water level at the Baldwin Park Key Well above elevation 200 feet. The highest operational groundwater elevation at the Key Well since the Judgment occurred in 1983 was 294 feet. In 2018 the groundwater elevation at the Key Well was 169 feet, which represents a historic low. Watermaster established the OSY for 2022-23 of 150,000 acre-feet, while the annual pumping production in 2022-23 was approximately 168,400 acre-feet. Consequently, the Replacement Water obligation including withdrawal from producer cyclic storage, was about 16,900 acre-feet.

WATER QUALITY ISSUES

Four areas of the San Gabriel Valley Groundwater Basin are Superfund Sites. Contaminants such as

Trichloroethylene, Perchloroethylene, Carbon Tetrachloride, Perchlorate, N- Nitrosodimethylamine, and 1, 4-Dioxane impact Whittier Narrows, Puente Basin, Baldwin Park and El Monte areas. As an example, a current project of the Watermaster (along with six other water entities) is to clean up the Baldwin Park Operable Unit. As a result of the negotiated agreement, parties have agreed to pay tens of millions of dollars towards research, cost recovery, and treatment plant construction. Those facilities have operated for over 17 years and continue to operate.

DROUGHT

Watermaster undertakes many initiatives to address water shortages. These include:

1. Maintaining a low Operating Safe Yield (OSY).
2. Establishing a reliability storage program with a target reserve of 100,000 acre-feet of untreated imported water (RDA I).
3. Implementing a stormwater augmentation program with a target delivery of 40,000 acre-feet per year of untreated imported water for general Basin benefit (RDA II).
4. Implementing a new assessment to pay for these two programs.
5. Collaborating on the Metropolitan Water District (MWD) Regional Recycled Water Program, which is planned to deliver large amounts of highly treated recycled water into the Basin to supplement imported supplies and decreased local runoff in dry years.
6. Looking into imported Colorado River water on a limited basis for additional supply; and
7. Expanding retail conservation outreach.

The Regional Recycled Water Program is expected to bring long-term water balance to the Basin.

PRODUCTION AND REPLENISHMENT FOR 2022-23

Management efforts are being made to ramp down pumping and 2022-23 groundwater production was approximately 168,200 acre-feet. This was higher than the OSY for 2022-23 at 150,000 acre- feet. After considering the use of carry-over rights for some of the production, about 16,900 acre-feet will need to be delivered as untreated imported water due to over production (a portion of which will be deducted from Producers cyclic storage accounts as a pre-delivery of Replacement Water).

ADJUDICATION EFFECTIVENESS

The groundwater level in the Baldwin Park Key Well is used by Watermaster to monitor changes in groundwater supply for the Basin. The water level in this well fluctuated over 100 feet in elevation over the last 35 years from a high in 1983 to a low in 2018. Nonetheless, over the four decades between its formation in 1972 and the historic extreme drought that began in 2011, Watermaster succeeded in balancing Basin supplies—with the Key Well level starting and ending that 40-year period essentially unchanged.

Over the past decade, however, winters have generally been drier. With very low local water supplies available during the historic drought the Key well level began falling. Watermaster undertook extensive new management actions to respond to the drought as described above under “Drought” above. Nonetheless, in 2018 the groundwater elevation at the well was 169 feet, which represents a historic low.

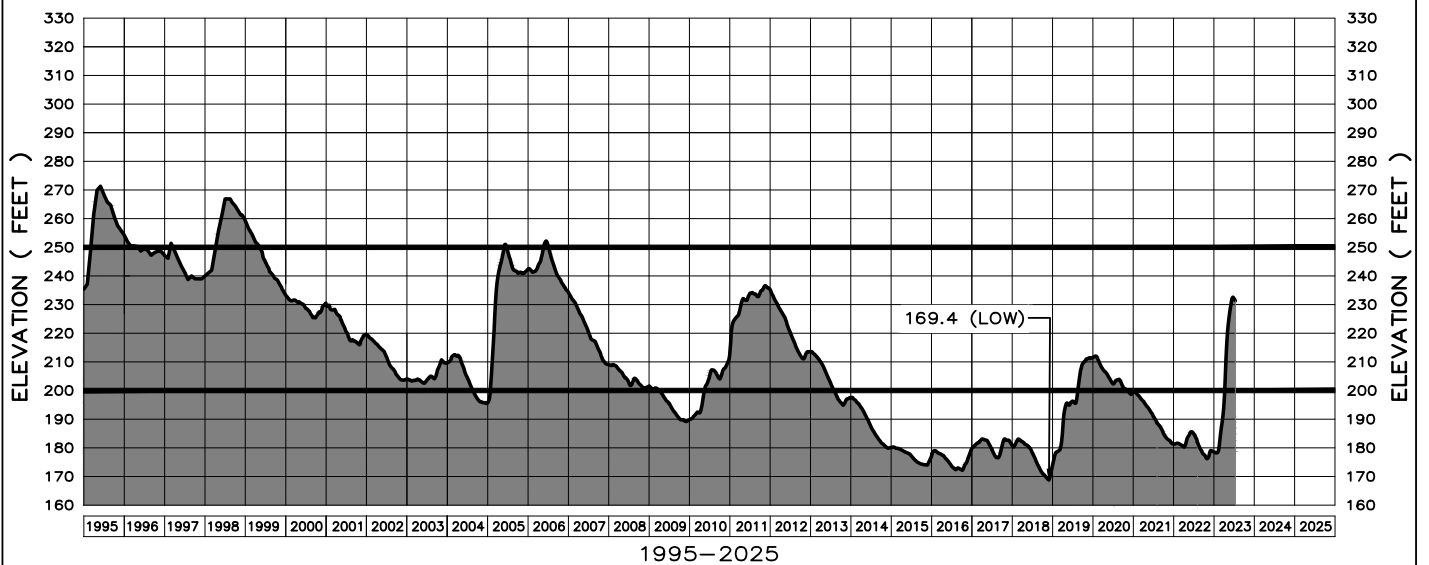
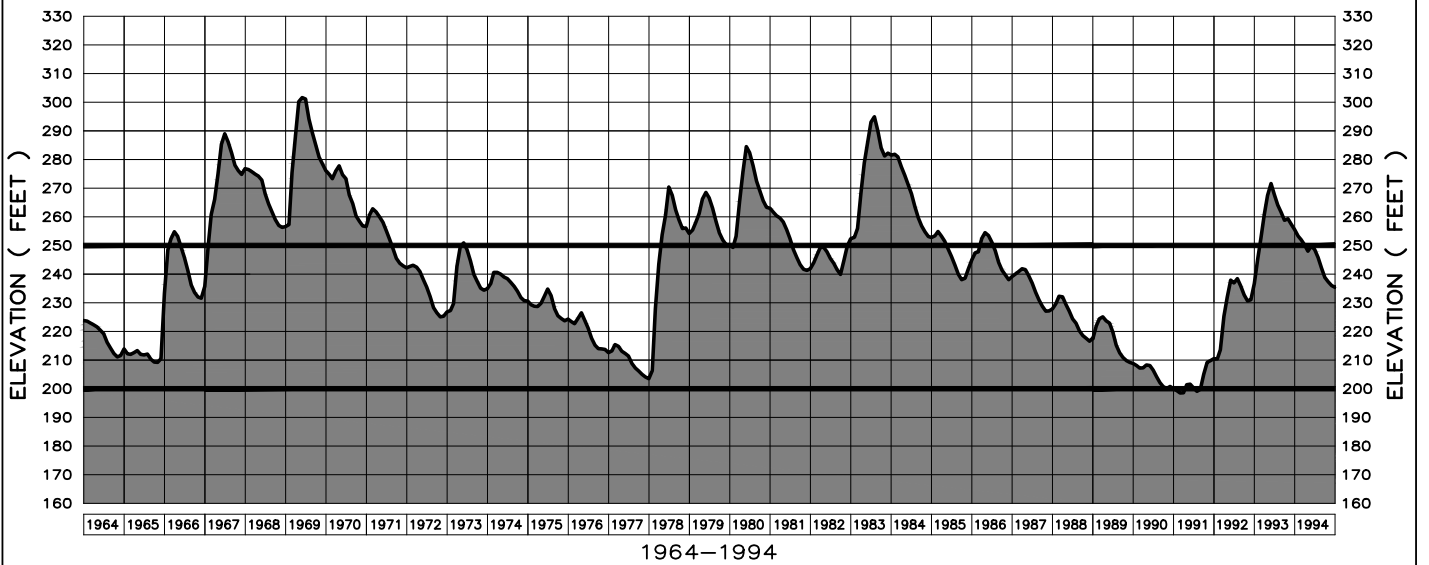
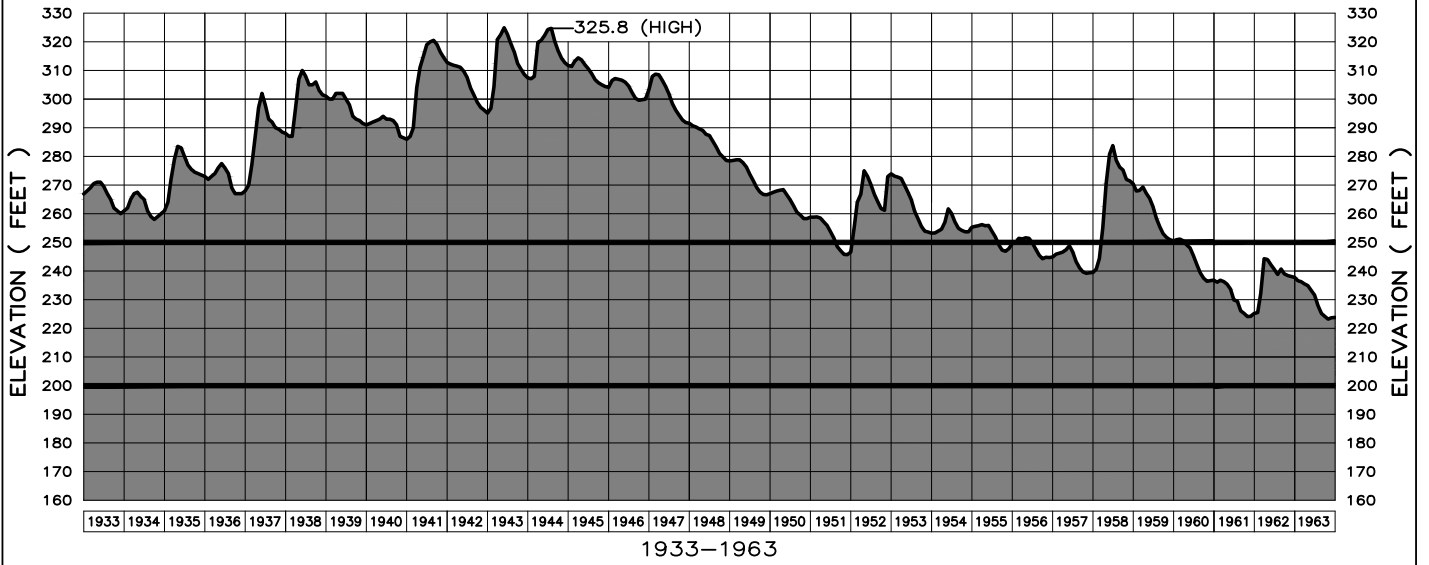
Consequently, Watermaster implemented a series of actions described above to ensure reliable water supplies and to maintain Basin groundwater levels, which was about 232 feet amsl as of June 30, 2023, and are within the operating guidelines for the Key Well, due to above average rainfall during fiscal year 2022-23. Without Watermaster implemented actions, the Key Well would have fallen to about 216 feet.

Overall, the management structure has been effective in its ability to work collaboratively with overlapping agencies and basins (e.g., through the Long Beach Judgment and through joining regional and statewide drought and water supply programs).

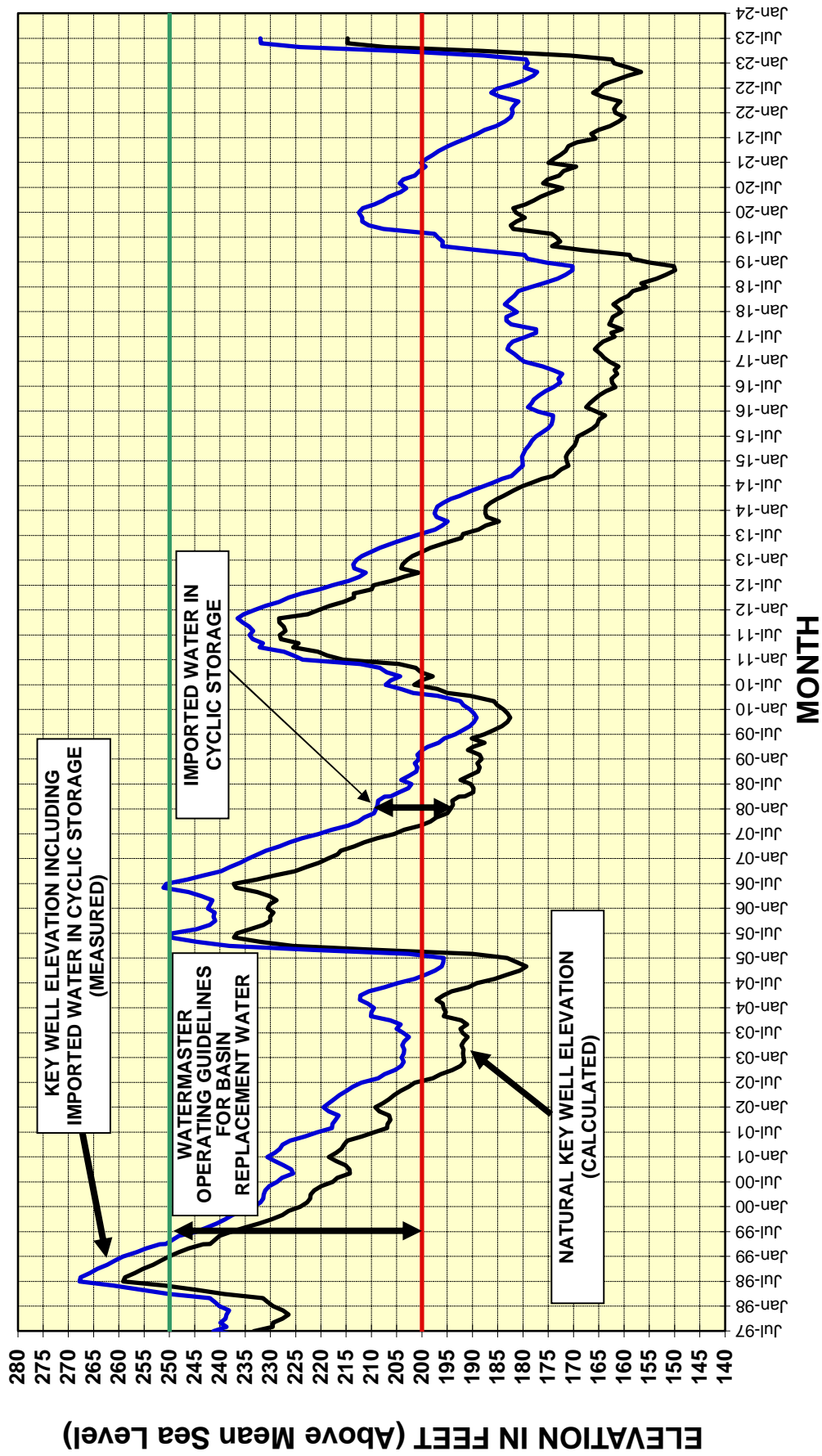
APPENDIX C

HYDROGRAPH OF BALDWIN PARK KEY WELL

APPENDIX C **HYDROGRAPH OF BALDWIN PARK KEY WELL**



NOTE: GROUND SURFACE ELEVATION 386.7 FEET
HISTORIC RECORDED HIGH 329.1 FEET MAY 19, 1916
HISTORIC RECORDED LOW 169.4 FEET NOVEMBER 21, 2018



MAIN SAN GABRIEL BASIN WATERMASTER

BALDWIN PARK KEY WELL GROUNDWATER ELEVATION



APPENDIX D

PUENTE NARROWS WATERMASTER REPORT

April 11, 2023

Main San Gabriel Basin Watermaster
725 N. Azusa Avenue
Azusa, CA 91702

RE: Puente Narrows Underflow, Fiscal Year 2022-23

Ladies and Gentlemen:

Pursuant to the Judgment in Upper San Gabriel Valley Municipal Water District v. City of Alhambra, et al. and its Exhibit J, Puente Narrows Agreement, the subsurface flow passing from Puente Basin to the Main San Gabriel Basin was determined for fiscal year 2022-23. This determination of subsurface flow was made in accordance with Appendix C, Engineering Criteria, to Exhibit J of the Judgment and consisted of measuring the water levels at the two key wells.

The field measurements of the water levels at the upstream well, 2S/10W-9Q, and downstream well, 2S/10W-8E3, for Fall 2022 were collected on October 12, 2022 by Mr. Tuan Nguyen of Stetson Engineers Inc. representing Upper San Gabriel Valley Municipal Water District and Mr. Charlie Devine of Civiltec Engineering Inc. representing Puente Basin Water Agency. The field measurements of the water levels at the upstream well, 2S/10W-9Q, and downstream well, 2S/10W-8E3, for Spring 2023 were collected on April 5, 2023 by Mr. Tuan Nguyen of Stetson Engineers Inc. representing Upper San Gabriel Valley Municipal Water District and Mr. Charlie Devine of Civiltec Engineering Inc. representing Puente Basin Water Agency. Based on the Fall 2022 and Spring 2023 static water levels at the key wells, the subsurface flow was determined to be 970 acre-feet for fiscal year 2022-23, as shown on Table 1.

Field inspections of the concrete-lined San Jose Creek channel were made concurrently with the field water level measurements and indicated no apparent withdrawal of flow in the San Jose Creek channel from the boundary of Spadra Basin with Puente Basin and downstream to Puente Narrows.

The Puente Narrows Agreement requires that a perpetual accounting of the subsurface flow through Puente Narrows be maintained. Presented in Table 2 is the accounting to date, showing the Accumulated Base Underflow (at 580 acre-feet per year in accordance with Paragraph 8 of the Agreement), the Annual and Accumulated Subsurface Flow to date under the Agreement, the Accumulated Credit or Debit of Puente Agency and the Adjusted Accumulated Credit or Debit of Puente Agency (from Table 3).

By Agreement dated November 30, 1989, Puente Basin Water Agency and Upper San Gabriel Valley Municipal Water District agreed that groundwater extracted from Puente Basin that is treated and discharged to the lined channel, and then percolated in the Main Basin as part of Carrier Corporation's cleanup program, which is required by the Regional Water Quality Control Board, shall be credited to

Puente Agency as subsurface outflow from Puente Basin. Evaporation losses and unusable surface outflow to the ocean are deducted from such groundwater extraction from Puente Basin. As shown on Table 3, Column 6, since fiscal-year 2007-08, Carrier stopped discharging this treated water and the water is being beneficially used in the Puente Basin.

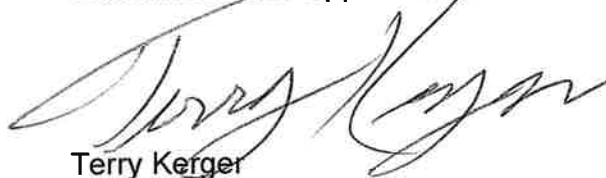
Table 3 shows the Groundwater Extraction for Cleanup Purposes, Deliveries to Rowland Water District, Discharge to Sanitary Sewer, Total Evaporation Losses, Unusable Outflow to Ocean, Annual Cleanup Extraction Credit, accumulated Annual Cleanup Extraction Credit, Accumulated Credit or Debit of Puente Agency (from Table 2), and the Adjusted Accumulated Credit or Debit of Puente Agency.

Respectfully Submitted,

PUENTE NARROWS WATERMASTER



Stephen B. Johnson
Watermaster for Upper District



Terry Kerger
Watermaster for Puente Agency

cc: Upper San Gabriel Valley Municipal Water District
Puente Basin Water Agency

TABLE 1
DETERMINATION OF PUENTE NARROWS UNDERFLOW

<u>WELL</u>	<u>DATE OF MEASUREMENT</u>	<u>REFERENCE POINT ELEVATIONS TO WATER (FEET)</u>	<u>ELEVATION OF WATER TABLE (FEET)</u>	<u>DIFFERENCE IN WATER LEVELS (FEET)</u>	<u>DISTANCE BETWEEN WELLS (FEET)</u>	<u>HYDRAULIC ELEVATION GRADIENT (FEET)</u>	<u>AVERAGE WATER LEVEL (FEET)</u>	<u>UNDERFLOW FOR 2022-23 (ACRE-FEET)</u>
<u>FALL 2022</u>								
2S/10W-9Q ¹	10/12/2022	371	37.9	333.1				
2S/10W-8E3	10/12/2022	327	49.7	277.3	55.8	7,700	305.2	--
<u>SPRING 2023</u>								
2S/10W-9Q ¹	4/5/2023	371	30.2	340.8				
2S/10W-8E3	4/5/2023	327	44.5	282.5	58.3	7,700	311.7	--
					TOTAL:	0.01482	616.9	
					AVERAGE:	0.00741	308.5	970 ²

1. As described in a memo dated, November 9, 2006, the Watermaster representatives agreed to use Rowland Well No. 1 as a replacement well for the destroyed Faure Well.
2. From Appendix C of Exhibit "J" of Main San Gabriel Basin Judgment

TABLE 2
DETERMINATION OF SUBSURFACE OUTFLOW FROM
PUENTE BASIN TO MAIN SAN GABRIEL BASIN (ACRE-FEET)

Fiscal Year	(1) Accumulated Base Underflow In Acre-feet (580 AF/Yr)	(2) Subsurface Flow In Acre-feet Annual	(3) Accumulated	(4) Deficiency By Reason Of Interference With Surface Flow In Acre-feet	(5) Offsetting Credit For Make-up Payments In Acre-feet	(6) (3-4-5) Total Accumulated Subsurface Flow	(7) (6-1) Accumulated Credit(+) or Debit(-) of Puente Agency	(8) Adjusted Accumulated Credit(+) or Debit(-) of Puente Agency (from Table 3)
1972-73	580	692	692	0	0	692	+112	+112
1973-74	1,160	796	1,488	0	0	1,488	+328	+328
1974-75	1,740	710	2,198	0	0	2,198	+458	+458
1975-76	2,320	732	2,930	0	0	2,930	+610	+610
1976-77	2,900	658	3,588	0	0	3,588	+688	+688
1977-78	3,480	730	4,318	0	0	4,318	+838	+838
1978-79	4,060	850	5,168	0	0	5,168	+1,108	+1,108
1979-80	4,640	930	6,098	0	0	6,098	+1,458	+1,458
1980-81	5,220	820	6,918	0	0	6,918	+1,698	+1,698
1981-82	5,800	845	7,763	0	0	7,763	+1,963	+1,963
1982-83	6,380	850	8,613	0	0	8,613	+2,233	+2,233
1983-84	6,960	798	9,411	0	0	9,411	+2,451	+2,451
1984-85	7,540	820	10,231	0	0	10,231	+2,691	+2,691
1985-86	8,120	840	11,071	0	0	11,071	+2,951	+2,951
1986-87	8,700	850	11,921	0	0	11,921	+3,221	+3,221
1987-88	9,280	880	12,801	0	0	12,801	+3,521	+3,521
1988-89	9,860	890	13,691	0	0	13,691	+3,831	+3,902
1989-90	10,440	910	14,601	0	0	14,601	+4,161	+4,490
1990-91	11,020	905	15,506	0	0	15,506	+4,486	+5,239
1991-92	11,600	925	16,431	0	0	16,431	+4,831	+5,943
1992-93	12,180	890	17,321	0	0	17,321	+5,141	+6,579
1993-94	12,760	845	18,166	0	0	18,166	+5,406	+7,289
1994-95	13,340	860	19,026	0	0	19,026	+5,686	+7,811
1995-96	13,920	810	19,836	0	0	19,836	+5,916	+8,342
1996-97	14,500	820	20,656	0	0	20,656	+6,156	+9,004
1997-98	15,080	840	21,496	0	0	21,496	+6,416	+9,385
1998-99	15,660	750	22,246	0	0	22,246	+6,586	+9,796
1999-00	16,240	760	23,006	0	0	23,006	+6,766	+10,347
2000-01	16,820	860	23,866	0	0	23,866	+7,046	+11,033
2001-02	17,400	890	24,756	0	0	24,756	+7,356	+11,550
2002-03	17,980	940	25,696	0	0	25,696	+7,716	+12,045
2003-04	18,560	960	26,656	0	0	26,656	+8,096	+12,554
2004-05	19,140	960	27,616	0	0	27,616	+8,476	+13,018
2005-06	19,720	860	28,476	0	0	28,476	+8,756	+13,433
2006-07	20,300	950	29,426	0	0	29,426	+9,126	+13,925
2007-08	20,880	940	30,366	0	0	30,366	+9,486	+14,366
2008-09	21,460	960	31,326	0	0	31,326	+9,866	+14,746
2009-10	22,040	945	32,271	0	0	32,271	+10,231	+15,111
2010-11	22,620	985	33,256	0	0	33,256	+10,636	+15,516
2011-12	23,200	890	34,146	0	0	34,146	+10,946	+15,826
2012-13	23,780	930	35,076	0	0	35,076	+11,296	+16,176
2013-14	24,360	985	36,061	0	0	36,061	+11,701	+16,581
2014-15	24,940	980	37,041	0	0	37,041	+12,101	+16,981
2015-16	25,520	1,010	38,051	0	0	38,051	+12,531	+17,411
2016-17	26,100	970	39,021	0	0	39,021	+12,921	+17,801
2017-18	26,680	995	40,016	0	0	40,016	+13,336	+18,216
2018-19	27,260	980	40,996	0	0	40,996	+13,736	+18,616
2019-20	27,840	945	41,941	0	0	41,941	+14,101	+18,981
2020-21	28,420	930	42,871	0	0	42,871	+14,451	+19,331
2021-22	29,000	940	43,811	0	0	43,811	+14,811	+19,691
2022-23	29,580	970	44,781	0	0	44,781	+15,201	--

TABLE 3
ADJUSTMENT TO SUBSURFACE FLOW
DUE TO GROUND-WATER CLEANUP* (ACRE-FEET)

Fiscal Year	(1) Groundwater Extraction For Cleanup Purposes	(2) Less: Deliveries To Rowland Water District	(3) Discharge To Sanitary Sewer	(4) Evaporation Losses	(5) Unusable Outflow To Ocean	(6) (1-2-3-4-5) Annual Cleanup Extraction Credit	(7) Accumulated Annual Cleanup Extraction Credit	(8) Accumulated Credit(+) or Debit(-) of Puente Agency (from Table 2)	(9) (7 + 8) Adjusted Accumulated Credit(+) or Debit(-) of Puente Agency
1972-73	--	--	--	--	--	--	--	+112	+112
1973-74	--	--	--	--	--	--	--	+328	+328
1974-75	--	--	--	--	--	--	--	+458	+458
1975-76	--	--	--	--	--	--	--	+610	+610
1976-77	--	--	--	--	--	--	--	+688	+688
1977-78	--	--	--	--	--	--	--	+838	+838
1978-79	--	--	--	--	--	--	--	+1,108	+1,108
1979-80	--	--	--	--	--	--	--	+1,458	+1,458
1980-81	--	--	--	--	--	--	--	+1,698	+1,698
1981-82	--	--	--	--	--	--	--	+1,963	+1,963
1982-83	--	--	--	--	--	--	--	+2,233	+2,233
1983-84	--	--	--	--	--	--	--	+2,451	+2,451
1984-85	--	--	--	--	--	--	--	+2,691	+2,691
1985-86	--	--	--	--	--	--	--	+2,951	+2,951
1986-87	--	--	--	--	--	--	--	+3,221	+3,221
1987-88	--	--	--	--	--	--	--	+3,521	+3,521
1988-89	77	--	3	2	1	71	71	+3,831	+3,902
1989-90	264	--	0	2	4	258	329	+4,161	+4,490
1990-91	441	--	0	8	9	424	753	+4,486	+5,239
1991-92	386	--	0	7	20	359	1,112	+4,831	+5,943
1992-93	389	--	0	7	56	326	1,438	+5,141	+6,579
1993-94	456	--	0	5	6	445	1,883	+5,406	+7,289
1994-95	288	--	0	4	42	242	2,125	+5,686	+7,811
1995-96	317	--	0	5	11	301	2,426	+5,916	+8,342
1996-97	455	--	0	9	24	422	2,848	+6,156	+9,004
1997-98	172	--	0	3	48	121	2,969	+6,416	+9,385
1998-99	247	--	0	2	4	241	3,210	+6,586	+9,796
1999-00	386	--	0	6	9	371	3,581	+6,766	+10,347
2000-01	424	--	0	6	12	406	3,987	+7,046	+11,033
2001-02	213	--	0	4	2	207	4,194	+7,356	+11,550
2002-03	157	--	0	3	19	135	4,329	+7,716	+12,045
2003-04	156	--	0	1	26	129	4,458	+8,096	+12,554
2004-05	137	--	0	2	51	84	4,542	+8,476	+13,018
2005-06	143	--	0	1	7	135	4,677	+8,756	+13,433
2006-07	123	--	0	1	0	122	4,799	+9,126	+13,925
2007-08	84	--	0	1	2	81	4,880	+9,486	+14,366
2008-09	59	59	0	0	0	0	4,880	+9,866	+14,746
2009-10	48	48	0	0	0	0	4,880	+10,231	+15,111
2010-11	78	78	0	0	0	0	4,880	+10,636	+15,516
2011-12	241	241	0	0	0	0	4,880	+10,946	+15,826
2012-13	77	63	14	0	0	0	4,880	+11,296	+16,176
2013-14	110	110	0	0	0	0	4,880	+11,701	+16,581
2014-15	69	69	0	0	0	0	4,880	+12,101	+16,981
2015-16	60	53	7	0	0	0	4,880	+12,531	+17,411
2016-17	99	99	0	0	0	0	4,880	+12,921	+17,801
2017-18	59	53	6	0	0	0	4,880	+13,336	+18,216
2018-19	108	103	5	0	0	0	4,880	+13,736	+18,616
2019-20	162	158	4	0	0	0	4,880	+14,101	+18,981
2020-21	208	206	2	0	0	0	4,880	+14,451	+19,331
2021-22	146	142	4	0	0	0	4,880	+14,811	+19,691

*Agreement Re Determination of Impact of "Cleanup" Production by Carrier Corporation Upon "Subsurface Outflow" Under "Puente Narrows Agreement," November 30, 1989. Note: Fiscal year 2022-23 adjustment to subsurface flow was not made due to incomplete data. The adjustment will be included in the Spring 2024 measurements.

APPENDIX E

**ANNUAL IMPORTED WATER DELIVERIES
AND
CYCLIC STORAGE**

APPENDIX E **ANNUAL IMPORTED WATER DELIVERIES** **AND CYCLIC STORAGE (ACRE-FEET)**

Fiscal Year	End of Year Basin Cyclic Storage	Imported Water Deliveries to Basin 1/			
		USGVMWD	SGVMWD	TVMWD	Total
1963-64	--	--	--	464.90	464.90
1964-65	--	10,000.00	--	1,371.20	11,371.20
1965-66	--	15,000.00	--	1,244.60	16,244.60
1966-67	--	20,000.00	--	803.00	20,803.00
1967-68	--	30000	--	251.8	30251.8
1968-69	--	20,700.70	--	625.80	21,326.50
1969-70	--	326.70	--	366.30	693.00
1970-71	--	205.1	--	481.8	686.90
1971-72	--	3,132.90	--	248.10	3,381.00
1972-73	--	7,316.20	--	717.90	8,034.10
1973-74	--	9,019.30	--	445.60	9,464.90
1974-75	44.90	34,219.10	832.00	780.60	35,831.70
1975-76	19,638.10	21,006.90	8,275.00	3,312.30	32,594.20
1976-77	22,412.62	14,138.60	7,530.00	6,139.90	27,808.50
1977-78	7,451.89	19,656.70 2/	5,586.00	6,732.50	31,975.20
1978-79	9,003.85	29,600.10 2/	6,968.00	6,123.60	42,691.70
1979-80	6,070.45	10,871.00	1,064.00	6,901.60	18,836.60
1980-81	4,709.33	7,510.50	0.00	9,288.00	16,798.50
1981-82	5,358.21	47,650.10	1,798.00	10,576.10	60,024.20
1982-83	9,924.64	33,406.60	2,221.00	6,925.40	42,553.00
1983-84	9,926.56	11,523.60	79.00	10,021.20	21,623.80
1984-85	9,096.65	10,025.20	66.00	11,651.00	21,742.20
1985-86	52,615.82	60,625.70	5,457.00	10,651.50	76,734.20
1986-87	78,261.54	53,777.30	12,598.00	12,142.90	78,518.20
1987-88	80,084.74	47,481.00	9,827.00	15,218.00	72,526.00
1988-89	76,351.40	51,304.00	6,714.00	13,705.90	71,723.90
1989-90	65,579.15	46,709.20	14,764.00	17,509.40	78,982.60
1990-91	47,439.62	57,035.20	10,508.00	16,531.80	84,075.00
1991-92	36,536.60	44,945.60	8,903.00	33,061.40	86,910.00
1992-93	20,433.84	54,678.50	13,685.00	13,216.20	81,579.70
1993-94	19,720.86	30,685.90	15,245.00	10,776.90	56,707.80
1994-95	35,194.46	13,573.90	10,438.00	17,858.90	41,870.80
1995-96	42,544.02	22,370.00	13,095.00	13,945.53	49,410.53
1996-97	63,868.59	43,088.60	17,460.00	11,731.10	72,279.70
1997-98	69,378.30	53,683.90	15,654.00	7,756.60	77,094.50
1998-99	55,345.74	7,131.20	10,034.00	10,026.10	27,191.30
1999-00	84,704.00	49,212.90	19,204.00	14,329.30	82,746.20
2000-01	87,340.51	34,107.30	11,693.00	17,159.13	62,959.43
2001-02	84,578.21	45,523.27	13,388.00	22,320.70	81,231.97
2002-03	93,657.23	54,237.92	20,095.00	23,086.10	97,419.02
2003-04	125,205.60	75,443.70	18,632.00	25,004.30	119,080.00
2004-05	84,096.46	18,639.50	12,462.00	21,101.20	52,202.70
2005-06	106,746.35	75,951.30	13,711.00	12,500.70	102,163.00
2006-07	114,506.63	18,449.30	17,476.00	14,758.30	50,683.60
2007-08	94,100.05	22,682.30	2,003.00	13,216.10	37,901.40
2008-09	43,699.39	8,532.90	6,607.00	13,149.85	28,289.75
2009-10	42,505.44	22,633.20	15,204.00	11,200.40	49,037.60
2010-11	56,244.89	38,813.70	20,775.00	19,150.80	78,739.50
2011-12	62,071.31	25,401.10	23,548.00	19,458.00	68,407.10
2012-13	65,249.06	15,563.20	22,544.00	20,914.00	59,021.20
2013-14	61,428.12	34,779.20	2,318.00	21,835.50	58,932.70
2014-15	67,621.29	47,910.30	1,207.00	14,918.30	64,035.60
2015-16	57,510.45	21,863.10	9,186.00	13,539.60	44,588.70
2016-17	117,594.17 3/	43,696.20	23,132.40	24,817.10	91,645.70
2017-18	153,736.18 4/	60,986.90	20,157.60	22,564.60	103,709.10
2018-19	166,667.15 5/	55,695.20	15,539.00	25,990.76	97,224.96
2019-20	224,384.34 6/	90,381.00	15,137.00	31,673.60	137,191.60
2020-21	180,368.07 7/	46,595.50	4,738.00	25,012.00	76,345.50
2021-22	144,451.22 8/	24,154.00	1,206.00	28,064.40	53,424.40
2022-23	128,594.99 9/	56,581.90	4,799.00	19,696.60	81,077.50
TOTALS	--	1,930,234.19	513,563.00	765,066.77	3,208,863.96

1/ Sum of Replenishment Water, Replacement Water Surface Delivery, USG-5 Exchange Replacement Direct Deliveries, M & I Water, Cyclic Storage Account Deliveries on pages D-2, D-3 and D-4, plus Deliveries to Cyclic Storage on Page D5.

2/ Includes 12,300.70 acre-feet of Morris Dam Water in 1977-78 and 24,000.00 acre-feet in 1978-79.

3/ Includes 12,756.00 acre-feet of RDA water and 14,384.31 acre-feet of Puente Basin Water Agency stored water.

4/ Includes 12,756.00 acre-feet of RDA water and 12,158.36 acre-feet of Puente Basin Water Agency stored water.

5/ Includes 12,756.00 acre-feet of RDA water and 10,677.32 acre-feet of Puente Basin Water Agency stored water.

6/ Includes 12,756.00 acre-feet of RDA water and 9,565.68 acre-feet of Puente Basin Water Agency stored water.

7/ Includes 12,756.00 acre-feet of RDA water and 9,060.80 acre-feet of Puente Basin Water Agency stored water.

8/ Includes 12,756.00 acre-feet of RDA water and 21,066.32 acre-feet of Puente Basin Water Agency stored water.

9/ Includes 12,756.00 acre-feet of RDA water and 20,276.43 acre-feet of Puente Basin Water Agency stored water.

Note: The minimum and maximum values are bolded.

APPENDIX E
UPPER SAN GABRIEL VALLEY MUNICIPAL WATER DISTRICT/
METROPOLITAN WATER DISTRICT
ANNUAL IMPORTED WATER DELIVERIES AND CYCLIC STORAGE (ACRE-FEET)

Fiscal Year	Imported Water Deliveries								
	Replenishment	Replacement Water	USG-5 1/ Exchange Replacement	Direct Deliveries M & I Water	Cyclic Storage	Producer Cyclic Storage	Watermaster Pre-Purchases Deliveries	Water Resource Development Deliveries	Total
1963-64	--	--	--	--	--	--	--	--	--
1964-65	10,000.00	--	--	--	--	--	--	--	10,000.00
1965-66	15,000.00	--	--	--	--	--	--	--	15,000.00
1966-67	20,000.00	--	--	--	--	--	--	--	20,000.00
1967-68	30,000.00	--	--	--	--	--	--	--	30,000.00
1968-69	20,608.70	--	--	92.00	--	--	--	--	20,700.70
1969-70	0.00	--	--	326.70	--	--	--	--	326.70
1970-71	0.00	--	--	205.10	--	--	--	--	205.10
1971-72	2,915.50	--	--	217.40	--	--	--	--	3,132.90
1972-73	7,087.60	--	--	228.60	--	--	--	--	7,316.20
1973-74	8,835.40	--	--	183.90	--	--	--	--	9,019.30
1974-75	20,231.80	13,731.90	--	255.40	--	--	--	--	34,219.10
1975-76	1,037.80	7,121.40	--	226.60	12,621.10	--	--	--	21,006.90
1976-77	2.90	10,752.60	2,654.90	675.80	52.40	--	--	--	14,138.60
1977-78	0.00	14,962.50 2/	2,981.70	1,712.50 3/	0.00	--	--	--	19,656.70
1978-79	0.00	24,000.00 2/	3,486.10	2,114.00	0.00	--	--	--	29,600.10
1979-80	0.00	4,740.60	3,191.00	2,939.40	0.00	--	--	--	10,871.00
1980-81	0.00	0.00	3,130.70	4,379.80	0.00	--	--	--	7,510.50
1981-82	0.00	40,824.70	2,853.70	3,971.70	0.00	--	--	--	47,650.10
1982-83	0.00	22,934.40	2,256.30	5,026.60	3,189.30	--	--	--	33,406.60
1983-84	0.00	0.00	1,907.10	6,369.80	3,246.70	0.00	--	--	11,523.60
1984-85	0.00	0.00	2,395.50	7,629.70	0.00	0.00	--	--	10,025.20
1985-86	0.00	3,000.00	2,600.80	7,619.50	47,405.40	0.00	--	--	60,625.70
1986-87	0.00	19,354.30	2,484.20	7,947.70	23,991.10	0.00	--	--	53,777.30
1987-88	0.00	28,187.30	3,751.30	9,567.40	5,975.00	0.00	--	--	47,481.00
1988-89	0.00	39,100.00	3,726.60	8,366.70	110.70	0.00	--	--	51,304.00
1989-90	0.00	32,740.20	1,716.10	12,252.90	0.00	0.00	--	--	46,709.20
1990-91	0.00	16,078.60	2,734.10	10,656.30	14,453.50	13,112.70	--	--	57,035.20
1991-92	0.00	7,491.90	2,214.00	8,407.90	23,525.90	3,305.90	--	--	44,945.60
1992-93	0.00	16,077.97	2,478.10 4/	6,991.10	10,214.60	18,916.73	--	--	54,678.50
1993-94	0.00	0.00	3,214.00 6/	4,421.10	0.00	23,050.80	--	--	30,685.90
1994-95	0.00	0.00	3,178.10	4,218.70	6,177.10	0.00	--	--	13,573.90
1995-96	0.00	15,467.80	3,149.90	3,667.10	85.20	0.00	--	--	22,370.00
1996-97	0.00	3,934.10	3,304.50	3,620.10	32,229.90	0.00	--	--	43,088.60
1997-98	0.00	21,409.60	3,392.70	4,011.40	24,870.20	0.00	--	--	53,683.90
1998-99	0.00	0.00	3,353.40	3,777.80	0.00	0.00	--	--	7,131.20
1999-00	0.00	13,645.60	3,508.30	7,642.80	24,416.20	0.00	--	--	49,212.90
2000-01	0.00	10,412.80	3,285.30	5,784.90	14,624.30	0.00	--	--	34,107.30
2001-02	0.00	25,232.27	3,438.90	14,907.20	1,944.90	0.00	--	--	45,523.27
2002-03	0.00	33,551.42	3,018.30	17,668.20	0.00	0.00	--	--	54,237.92
2003-04	0.00	14,166.20	3,058.30	24,616.20	33,603.00	0.00	--	--	75,443.70
2004-05	0.00	5,744.20	2,998.00	9,897.30	0.00	0.00	--	--	18,639.50
2005-06	0.00	48,069.20	2,815.50	8,165.80	16,900.80	0.00	--	--	75,951.30
2006-07	0.00	0.00	2,963.30	11,326.80	4,159.20	0.00	--	--	18,449.30
2007-08	0.00	0.00	3,027.20	13,930.70	5,724.40	0.00	--	--	22,682.30
2008-09	0.00	0.00	3,064.90	5,468.00	0.00	0.00	--	--	8,532.90
2009-10	0.00	16,076.40	2,611.50	3,945.30	0.00	0.00	--	--	22,633.20
2010-11	0.00	23,737.90	2,428.20	1,001.10	0.00	11,646.50	--	--	38,813.70
2011-12	0.00	3,257.20	2,999.40	975.40	0.00	18,169.10	--	--	25,401.10
2012-13	0.00	2,034.70	3,037.40	491.10	0.00	7,965.30	2,034.70	--	15,563.20
2013-14	0.00	0.00	2,983.90	506.40	0.00	31,288.90	0.00	--	34,779.20
2014-15	0.00	0.00	2,711.70	6,357.70	4,031.54	29,809.36	5,000.00	--	47,910.30
2015-16	0.00	0.00	2,486.50	137.60	3,107.00	10,510.00	0.00	5,622.00	21,863.10
2016-17	0.00	0.00	2,876.90	319.70	0.00	35,786.60	0.00	4,713.00	43,696.20
2017-18	0.00	0.00	2,987.20	1,216.60	44,811.10	3,236.00	0.00	9,236.00	61,486.90
2018-19	0.00	0.00	2,943.90	2,475.70	14,354.60	20,624.00	0.00	15,297.00	55,695.20
2019-20	0.00	0.00	2,983.20	3,042.70	64,299.10	0.00	0.00	20,056.00	90,381.00
2020-21	0.00	0.00	2,986.40	2,159.60	0.00	10,000.00	179.50	31,270.00	46,595.50
2021-22	0.00	0.00	2,992.00	6,443.00 7/	0.00	0.00	0.00	14,719.00	24,154.00
2022-23	0.00	0.00	2,768.00	966.00	0.00	14,708.50	0.00	38,139.40	56,581.90
TOTALS	135,719.70	537,837.76	137,129.00	281,526.50	440,124.24	252,130.39	7,214.20	139,052.40	1,930,734.19

1/ Delivered as Replacement Water by Upper San Gabriel Valley Municipal Water District.

2/ Includes 12,300.70 acre-feet of Morris Dam water in 1977-78 and 24,000.00 acre-feet in 1978-79.

3/ Includes 1,002.40 acre-feet of In-Lieu Replenishment Water.

4/ Actual delivery of 3,214.00 reduced by 735.90 acre-feet which was transferred to Producer Cyclic Storage Deliveries.

5/ Includes transfer of 15,000 acre-feet from Three Valleys Cyclic Storage Account.

6/ Actual delivery of 3,224.10 reduced by 10.10 acre-feet which was transferred to Producer Cyclic Storage Deliveries.

7/ Includes direct deliveries to Azusa Valley Water Company of 2,290 AF through San Gabriel District's pipeline.

8/ Transfer of 5,000 acre-feet from San Gabriel District's Cyclic Storage Account to Upper District/MWD's Cyclic Storage Account

APPENDIX E

**UPPER SAN GABRIEL VALLEY MUNICIPAL WATER DISTRICT/
METROPOLITAN WATER DISTRICT ANNUAL IMPORTED WATER DELIVERIES
AND CYCLIC STORAGE (ACRE-FEET)**

Fiscal Year	Cyclic Storage Account						Cyclic Storage At End Of Year
	Transfer To Replacement Water	Transfer from SGVMWD	Transfer To Producer Cyclic Storage	Transfer To Watermaster Pre-Purchases	Transfer from MWD Letter Agreement	Net To Cyclic Storage	
1963-64	--	--	--	--	--	--	--
1964-65	--	--	--	--	--	--	--
1965-66	--	--	--	--	--	--	--
1966-67	--	--	--	--	--	--	--
1967-68	--	--	--	--	--	--	--
1968-69	--	--	--	--	--	--	--
1969-70	--	--	--	--	--	--	--
1970-71	--	--	--	--	--	--	--
1971-72	--	--	--	--	--	--	--
1972-73	--	--	--	--	--	--	--
1973-74	--	--	--	--	--	--	--
1974-75	--	--	--	--	--	--	--
1975-76	0.00	--	--	--	--	12,621.10	12,621.10
1976-77	0.00	--	--	--	--	52.40	12,673.50
1977-78	12,673.50	--	--	--	--	-12,673.50	0.00
1978-79	0.00	--	--	--	--	0.00	0.00
1979-80	0.00	--	--	--	--	0.00	0.00
1980-81	0.00	--	--	--	--	0.00	0.00
1981-82	0.00	--	--	--	--	0.00	0.00
1982-83	0.00	--	--	--	--	3,189.30	3,189.30
1983-84	0.00	--	1,573.60	--	--	1,673.10	4,862.40
1984-85	0.00	--	0.00	--	--	0.00	4,862.40
1985-86	0.00	--	0.00	--	--	47,405.40	52,267.80
1986-87	5,645.80	--	0.00	--	--	18,345.30	70,613.10
1987-88	4,812.70	--	0.00	--	--	1,162.30	71,775.40
1988-89	0.00	--	0.00	--	--	110.70	71,886.10
1989-90	13,597.80	--	0.00	--	--	-13,597.80	58,288.30
1990-91	29,323.40	--	0.00	--	--	-14,869.90	43,418.40
1991-92	24,465.60	--	28,811.00	--	--	-29,750.70	13,667.70
1992-93	0.00	--	26,236.20	--	--	-1,021.60 5/	12,646.10
1993-94	3,760.42	--	321.58	--	--	-4,082.00	8,564.10
1994-95	0.00	--	0.00	--	--	6,177.10	14,741.20
1995-96	0.00	--	0.00	--	--	85.20	14,826.40
1996-97	14,054.60	--	0.00	--	--	18,175.30	33,001.70
1997-98	14,001.00	--	0.00	--	--	10,869.20	43,870.90
1998-99	13,794.10	--	0.00	--	--	-13,794.10	30,076.80
1999-00	0.00	--	0.00	--	--	24,416.20	54,493.00
2000-01	6,600.20	--	0.00	--	--	8,024.10	62,517.10
2001-02	0.00	--	0.00	--	--	1,944.90	64,462.00
2002-03	0.00	--	0.00	--	--	0.00	64,462.00
2003-04	10,000.00	--	10,000.00	--	--	13,603.00	78,065.00
2004-05	33,312.30	--	0.00	--	--	-33,312.30	44,752.70
2005-06	0.00	--	9,000.00	--	--	7,900.80	52,653.50
2006-07	7,861.15	--	0.00	--	--	-3,701.95	48,951.55
2007-08	15,879.43	--	5,724.40	--	--	-15,879.43	33,072.12
2008-09	21,946.72	--	11,125.40	--	--	-33,072.12	0.00
2009-10	0.00	--	0.00	--	--	0.00	0.00
2010-11	0.00	--	0.00	--	--	0.00	0.00
2011-12	0.00	--	0.00	--	--	0.00	0.00
2012-13	0.00	--	0.00	0.00	--	0.00	0.00
2013-14	0.00	5,000.00 8/	0.00	0.00	--	5,000.00	5,000.00
2014-15	0.00	0.00	4,000.00 9/	0.00	--	31.54	5,031.54
2015-16	0.00	5,000.00 8/	1,100.00	4,500.00	--	2,507.00	7,538.54
2016-17	0.00	5,000.00 8/	5,313.40	0.00	--	-313.40	7,225.14
2017-18	0.00	5,000.00 8/	536.90	6,764.00	--	42,510.20	49,735.34
2018-19	0.00	5,000.00 8/	0.00	0.00	--	19,354.60	69,089.94
2019-20	359.54 10/	5,600.00 11/	8,200.00	0.00	--	61,339.56	130,429.50
2020-21	70.00 12/	0.00	16,238.40	0.00	-31,248.80	-47,557.20	82,872.30
2021-22	203.32 13/	0.00	1,412.09	0.00	-25,551.35	-27,166.76	55,705.54
2022-23	56.19 14/	0.00	1,722.84	0.00	-25,000.00	-26,779.03	28,926.51
TOTALS	232,417.77	30,600.00	131,315.81	11,264.00		28,926.51	--

9/ Includes reduction of 1,000 acre-feet which was delivered to Canyon Basin on behalf of Three Valleys District.

10/ Includes 359.54 acre-feet of WM Replacement Water Surcharge.

11/ Transfer of 5,600 acre-feet from San Gabriel District's Cyclic Storage Account to Upper District/MWD's Cyclic Storage Account.

12/ Includes 70.00 AF of WM Replacement Water Surcharge.

13/ Includes 203.32 AF of WM Replacement Water Surcharge.

14/ Includes 56.19 AF of WM Replacement Water Surcharge.

Note: The minimum and maximum values are bolded.

APPENDIX E

SAN GABRIEL VALLEY MUNICIPAL WATER DISTRICT

ANNUAL IMPORTED WATER DELIVERIES AND CYCLIC STORAGE (ACRE-FEET)

Fiscal Year	Imported Water Deliveries								
	Replenishment	Replacement Water	USG-5 Exchange Replacement	Direct Deliveries M & I Water ^{1/}	Cyclic Storage	Producer Cyclic Storage	Watermaster Pre-Purchases Deliveries	Water Resource Development Deliveries	Total
1974-75	--	787.10	--	--	44.90	--	--	--	832.00
1975-76	--	1,302.90	--	--	6,972.10	--	--	--	8,275.00
1976-77	--	3,814.95	992.93	--	2,722.12	--	--	--	7,530.00
1977-78	--	4,470.85	1,115.15	--	0.00	--	--	--	5,586.00
1978-79	--	4,112.25	1,303.79	--	1,551.96	--	--	--	6,968.00
1979-80	--	0.00	1,064.00	--	0.00	--	--	--	1,064.00
1980-81	--	0.00	0.00	--	0.00	--	--	--	0.00
1981-82	--	81.84	1,067.28	--	648.88	--	--	--	1,798.00
1982-83	--	0.00	843.87	--	1,377.13	--	--	--	2,221.00
1983-84	--	0.00	79.00	--	0.00	0.00	--	--	79.00
1984-85	--	0.00	66.00	--	0.00	0.00	--	--	66.00
1985-86	--	4,484.30	972.70	--	0.00	0.00	--	--	5,457.00
1986-87	--	4,368.59	929.09	--	7,300.32	0.00	--	--	12,598.00
1987-88	--	7,763.11	1,402.99	--	660.90	0.00	--	--	9,827.00
1988-89	--	5,320.25	1,393.75	--	0.00	0.00	--	--	6,714.00
1989-90	--	11,296.63	641.82	--	2,825.55	0.00	--	--	14,764.00
1990-91	--	9,485.43	1,022.57	--	0.00	0.00	--	--	10,508.00
1991-92	--	8,074.96	828.04	--	0.00	0.00	--	--	8,903.00
1992-93	--	11,418.17	1,202.03	--	1,064.80	0.00	--	--	13,685.00
1993-94	--	8,620.14	1,205.80	--	5,419.06	0.00	--	--	15,245.00
1994-95	--	5,691.49	1,188.61	--	3,557.90	0.00	--	--	10,438.00
1995-96	--	8,484.59	1,178.05	--	3,432.36	0.00	--	--	13,095.00
1996-97	--	14,525.94	1,235.89	--	1,698.17	0.00	--	--	17,460.00
1997-98	--	14,061.60	1,268.85	--	323.55	0.00	--	--	15,654.00
1998-99	--	6,158.61	1,254.19	--	2,621.20	0.00	--	--	10,034.00
1999-00	--	9,286.01	1,312.09	--	8,605.90	0.00	--	--	19,204.00
2000-01	--	10,464.30	1,228.70	--	0.00	0.00	--	--	11,693.00
2001-02	--	10,929.17	1,286.13	--	1,172.70	0.00	--	--	13,388.00
2002-03	--	3,938.39	1,128.84	--	15,027.77	0.00	--	--	20,095.00
2003-04	--	672.60	1,143.80	--	16,815.60	0.00	--	--	18,632.00
2004-05	--	500.66	1,121.25	--	10,840.09	0.00	--	--	12,462.00
2005-06	--	0.00	1,052.99	--	12,658.01	0.00	--	--	13,711.00
2006-07	--	573.59	1,108.29	--	15,794.12	0.00	--	--	17,476.00
2007-08	--	91.76	1,132.17	--	779.07	0.00	--	--	2,003.00
2008-09	--	788.73	1,146.29	--	4,671.98	0.00	--	--	6,607.00
2009-10	--	1,886.58	976.70	--	12,340.72	0.00	--	--	15,204.00
2010-11	--	14,655.86	908.13	--	5,211.01	0.00	--	--	20,775.00
2011-12	--	22,426.22	1,121.78	--	0.00	0.00	--	--	23,548.00
2012-13	--	16,269.22	1,135.98	--	5,138.80	0.00	--	--	22,544.00
2013-14	--	1,202.03	1,115.97	--	0.00	0.00	--	--	2,318.00
2014-15	--	192.83	1,014.17	--	0.00	0.00	--	--	1,207.00
2015-16	--	0.00	929.95	--	7,354.05	0.00	--	902.00	9,186.00
2016-17	--	14,029.70	1,075.95	--	7,265.75	0.00	--	761.00	23,132.40
2017-18	--	4,649.74	1,117.22	--	12,898.64	0.00	--	1,492.00	20,157.60
2018-19	--	0.00	1,101.03	1.00	11,966.97	0.00	--	2,471.00	15,539.00
2019-20	--	0.00	1,115.73	165.00	14,021.27	0.00	--	0.00	15,137.00
2020-21	--	0.00	1,116.92	0.00	3,621.08	0.00	--	0.00	4,738.00
2021-22	--	0.00	1,119.00	0.00	87.00	0.00	--	0.00	1,206.00
2022-23	--	0.00	1,035.23	0.00	3,763.77	0.00	--	0.00	4,799.00
TOTALS	--	246,881.09	48,800.71	166.00	212,255.20	0.00	0.00	5,626.00	513,563.00

APPENDIX E
SAN GABRIEL VALLEY MUNICIPAL WATER DISTRICT
ANNUAL IMPORTED WATER DELIVERIES AND CYCLIC STORAGE (ACRE-FEET)

Fiscal Year	Cyclic Storage Account						
	Transfer To Replacement Water	Transfer to MWD/Upper District	Transfer from Three Valleys District ^{2/}	Transfer To USG-5 Exchange Replacement Water	Transfer To Producer Cyclic Storage	Net To Cyclic Storage	Cyclic Storage At End Of Year
1974-75	0.00	--	--	0.00	--	44.90	44.90
1975-76	0.00	--	--	0.00	--	6,972.10	7,017.00
1976-77	0.00	--	--	0.00	--	2,722.12	9,739.12
1977-78	2,287.23	--	--	0.00	--	-2,287.23	7,451.89
1978-79	0.00	--	--	0.00	--	1,551.96	9,003.85
1979-80	2,803.98	--	--	129.42	--	-2,933.40	6,070.45
1980-81	190.24	--	--	1,170.88	--	-1,361.12	4,709.33
1981-82	0.00	--	--	0.00	--	648.88	5,358.21
1982-83	0.00	--	--	0.00	--	1,377.13	6,735.34
1983-84	1,036.93	--	--	634.25	--	-1,671.18	5,064.16
1984-85	0.00	--	--	829.91	--	-829.91	4,234.25
1985-86	3,886.23	--	--	0.00	--	-3,886.23	348.02
1986-87	0.00	--	--	0.00	--	7,300.32	7,648.34
1987-88	0.00	--	--	0.00	--	660.90	8,309.24
1988-89	3,844.04	--	--	0.00	--	-3,844.04	4,465.20
1989-90	0.00	--	--	0.00	--	2,825.55	7,290.75
1990-91	3,298.53	--	--	0.00	--	-3,298.53	3,992.22
1991-92	2,400.42	--	--	0.00	--	-2,400.42	1,591.80
1992-93	0.00	--	--	0.00	--	1,064.80	2,656.60
1993-94	0.00	--	--	0.00	--	5,419.06	8,075.66
1994-95	0.00	--	--	0.00	--	3,557.90	11,633.56
1995-96	0.00	--	--	0.00	--	3,432.36	15,065.92
1996-97	0.00	--	--	0.00	--	1,698.17	16,764.09
1997-98	0.00	--	--	0.00	5,700.00	-5,376.45	11,387.64
1998-99	0.00	--	--	0.00	3,200.00	-578.80	10,808.84
1999-00	0.00	--	--	0.00	3,800.00	4,805.90	15,614.74
2000-01	3,237.77	--	--	0.00	3,800.00	-7,037.77	8,576.97
2001-02	0.00	--	--	0.00	7,100.00	-5,927.30	2,649.67
2002-03	0.00	--	--	0.00	8,300.00	6,727.77	9,377.44
2003-04	0.00	--	--	0.00	9,800.00	7,015.60	16,393.04
2004-05	0.00	--	--	0.00	13,100.00	-2,259.91	14,133.13
2005-06	0.00	--	--	0.00	944.38	11,713.63	25,846.76
2006-07	0.00	--	--	0.00	3,832.00	11,962.12	37,808.88
2007-08	0.00	--	--	0.00	12,712.67	-11,933.60	25,875.28
2008-09	0.00	--	--	0.00	11,619.40	-6,947.42	18,927.86
2009-10	0.00	--	--	0.00	9,225.34	3,115.38	22,043.24
2010-11	0.00	--	--	0.00	7,500.00	-2,288.99	19,754.25
2011-12	2,209.98	--	--	0.00	0.00	-2,209.98	17,544.27
2012-13	0.00	--	--	0.00	7,000.00	-1,861.20	15,683.07
2013-14	1,532.00	5,000.00	--	0.00	2,549.19	-9,081.19	6,601.88
2014-15	4,605.69	0.00	--	0.00	-961.80 2/	-3,643.89	2,957.99
2015-16	0.00	5,000.00	--	0.00	0.00	2,354.05	5,312.04
2016-17	0.00	5,000.00	264.60	0.00	0.00	2,530.35	7,842.39
2017-18	0.00	5,000.00	1,257.40	0.00	0.00	9,156.04	16,998.43
2018-19	15,320.61	5,000.00	3,374.00	0.00	0.00	-4,979.64	12,018.79
2019-20	12,182.68	5,600.00	635.00	0.00	0.00	-3,126.41	8,892.38
2020-21	12,151.86	0.00	0.00	0.00	-2,970.74 4/	-5,560.04	3,332.34
2021-22	0.00	0.00	0.00	0.00	0.00	-1,032.00	2,300.34
2022-23	0.00	0.00	0.00	0.00	0.00	3,763.77	6,064.11
TOTALS	70,988.19	30,600.00	5,531.00	2,764.46	106,250.44	6,064.11	--

1/ Surface Water deliveries directly to City of Azusa's Surface Water Treatment Plant for Direct Use.

2/ Three Valleys District delivered and transferred to San Gabriel District's Cyclic Storage Account.

3/ Includes transfer of 961.8 acre-feet from Sierra Madre's Cyclic Storage Account to San Gabriel District's Cyclic Storage Account.

4/ Includes transfer of 2,970.74 acre-feet from Sierra Madre's Cyclic Storage Account to San Gabriel District's Cyclic Storage Account.

Note: The minimum and maximum values are bolded.

APPENDIX E

THREE VALLEYS MUNICIPAL WATER DISTRICT/METROPOLITAN WATER DISTRICT ANNUAL IMPORTED WATER DELIVERIES AND CYCLIC STORAGE (ACRE-FEET)

Fiscal Year	Imported Water Deliveries								Total
	Replenishment	Replacement Water	USG-5 Exchange Replacement	Direct Deliveries M & I Water	Cyclic Storage	Producer Cyclic Storage	Watermaster Pre-Purchases Deliveries	Water Resource Development Deliveries	
1963-64	--	--	--	464.90	--	--	--	--	464.90
1964-65	--	--	--	1,371.20	--	--	--	--	1,371.20
1965-66	--	--	--	1,244.60	--	--	--	--	1,244.60
1966-67	--	--	--	803.00	--	--	--	--	803.00
1967-68	--	--	--	251.80	--	--	--	--	251.80
1968-69	--	--	--	625.80	--	--	--	--	625.80
1969-70	--	--	--	366.30	--	--	--	--	366.30
1970-71	--	--	--	481.80	--	--	--	--	481.80
1971-72	--	--	--	248.10	--	--	--	--	248.10
1972-73	--	--	--	717.90	--	--	--	--	717.90
1973-74	--	--	--	445.60	--	--	--	--	445.60
1974-75	--	--	--	780.60	--	--	--	--	780.60
1975-76	--	--	--	3,312.30	--	--	--	--	3,312.30
1976-77	--	--	--	6,139.90	--	--	--	--	6,139.90
1977-78	--	--	--	6,732.50	--	--	--	--	6,732.50
1978-79	--	--	--	6,123.60	--	--	--	--	6,123.60
1979-80	--	--	--	6,901.60	--	--	--	--	6,901.60
1980-81	--	--	--	9,288.00	--	--	--	--	9,288.00
1981-82	--	--	--	10,576.10	--	--	--	--	10,576.10
1982-83	--	--	--	6,925.40	--	--	--	--	6,925.40
1983-84	--	--	--	10,021.20	--	--	--	--	10,021.20
1984-85	--	--	--	11,651.00	--	0.00	--	--	11,651.00
1985-86	--	--	--	10,651.50	--	0.00	--	--	10,651.50
1986-87	--	--	--	12,142.90	--	0.00	--	--	12,142.90
1987-88	--	--	--	15,218.00	--	0.00	--	--	15,218.00
1988-89	--	--	--	13,705.90	--	0.00	--	--	13,705.90
1989-90	--	--	--	17,509.40	--	0.00	--	--	17,509.40
1990-91	--	--	--	16,531.80	--	0.00	--	--	16,531.80
1991-92	--	0.00	--	7,984.30	25,077.10	0.00	--	--	33,061.40
1992-93	--	0.00	--	9,478.70	3,737.50	0.00	--	--	13,216.20
1993-94	--	0.00	--	10,776.90	0.00	0.00	--	--	10,776.90
1994-95	--	0.00	--	12,120.30	5,738.60	0.00	--	--	17,858.90
1995-96	--	0.00	--	10,113.53	3,832.00	0.00	--	--	13,945.53
1996-97	--	0.00	--	10,280.00	1,451.10	0.00	--	--	11,731.10
1997-98	--	0.00	--	6,803.50	953.10	0.00	--	--	7,756.60
1998-99	--	3,311.70	--	6,714.40	0.00	0.00	--	--	10,026.10
1999-00	--	4,418.60	--	9,910.70	0.00	0.00	--	--	14,329.30
2000-01	--	5,583.60	--	10,900.33	675.20	0.00	--	--	17,159.13
2001-02	--	4,944.10	--	16,806.40	570.20	0.00	--	--	22,320.70
2002-03	--	2,791.00	--	20,295.10	0.00	0.00	--	--	23,086.10
2003-04	--	1,920.40	--	23,083.90	0.00	0.00	--	--	25,004.30
2004-05	--	1,714.50	--	17,586.70	0.00	1,800.00	--	--	21,101.20
2005-06	--	357.10	--	12,143.60	0.00	0.00	--	--	12,500.70
2006-07	--	166.70	--	11,613.60	2,978.00	0.00	--	--	14,758.30
2007-08	--	0.00	--	13,216.10	0.00	0.00	--	--	13,216.10
2008-09	--	0.00	--	13,149.85	0.00	0.00	--	--	13,149.85
2009-10	--	0.00	--	9,772.60	1,427.80	0.00	--	--	11,200.40
2010-11	--	0.00	--	6,886.20	12,264.60	0.00	--	--	19,150.80
2011-12	--	0.00	--	6,586.60	12,871.40	0.00	--	--	19,458.00
2012-13	--	0.00	--	10,815.20	10,098.80	0.00	0.00	--	20,914.00
2013-14	--	0.00	--	18,725.40	3,110.10	0.00	0.00	--	21,835.50
2014-15	--	0.00	--	13,447.30	471.00	1,000.00	0.00	--	14,918.30
2015-16	--	0.00	--	10,116.20	2,507.40	500.00	0.00	416.00	13,539.60
2016-17	--	0.00	--	11,934.40	12,264.60	500.00	0.00	118.10	24,817.10
2017-18	--	0.00	--	16,562.40	5,332.20	670.00	0.00	0.00	22,564.60
2018-19	--	0.00	--	19,534.26	2,126.50	3,220.00	0.00	1,110.00	25,990.76
2019-20	--	90.07 7/	--	20,309.50	9,819.03	0.00	0.00	1,455.00	31,673.60
2020-21	--	174.60 8/	--	19,267.40	2,841.60	353.40	0.00	2,375.00	25,012.00
2021-22	--	26.30 11/	--	24,588.10	600.00	0.00	0.00	2,850.00	28,064.40
2022-23	--	154.70 13/	--	13,834.90	3,211.00	0.00	0.00	2,496.00	19,696.60
TOTALS	--	25,653.37	--	596,591.07	123,958.83	8,043.40	0.00	10,820.10	765,066.77

1/ Three Valleys District delivered and transferred to San Gabriel District's Cyclic Storage Account.

2/ Includes transfer of 15,000.00 acre-feet to Upper District Cyclic Storage.

3/ Includes 11,689.3 acre-feet delivered on behalf of Upper District to Suburban Water System's Upper District Producer Cyclic Storage.

4/ Includes 479.00 acre-feet of Watermaster's pre-purchases for Replacement Water.

5/ Includes 1,000 acre-feet delivered to Canyon Basin by Upper District on behalf of Three Valleys District.

6/ Transferred to Puente Basin Water Agency.

7/ Includes 90.07 AF of WM Replacement Water Surcharge

APPENDIX E

THREE VALLEYS MUNICIPAL WATER DISTRICT/METROPOLITAN WATER DISTRICT ANNUAL IMPORTED WATER DELIVERIES AND CYCLIC STORAGE (ACRE-FEET)

Fiscal Year	Cyclic Storage Account						
	Transfer To Replacement Water	Transfer To Producer Cyclic Storage	Transfer To Watermaster Pre-Purchases	Transfer To San Gabriel District ^{11/}	Transfer from MWD Letter Agreement	Net To Cyclic Storage	Cyclic Storage At End Of Year
1963-64	--	--	--	--	--	--	--
1964-65	--	--	--	--	--	--	--
1965-66	--	--	--	--	--	--	--
1966-67	--	--	--	--	--	--	--
1967-68	--	--	--	--	--	--	--
1968-69	--	--	--	--	--	--	--
1969-70	--	--	--	--	--	--	--
1970-71	--	--	--	--	--	--	--
1971-72	--	--	--	--	--	--	--
1972-73	--	--	--	--	--	--	--
1973-74	--	--	--	--	--	--	--
1974-75	--	--	--	--	--	--	--
1975-76	--	--	--	--	--	--	--
1976-77	--	--	--	--	--	--	--
1977-78	--	--	--	--	--	--	--
1978-79	--	--	--	--	--	--	--
1979-80	--	--	--	--	--	--	--
1980-81	--	--	--	--	--	--	--
1981-82	--	--	--	--	--	--	--
1982-83	--	--	--	--	--	--	--
1983-84	--	--	--	--	--	--	--
1984-85	--	--	--	--	--	--	--
1985-86	--	--	--	--	--	--	--
1986-87	--	--	--	--	--	--	--
1987-88	--	--	--	--	--	--	--
1988-89	--	--	--	--	--	--	--
1989-90	--	--	--	--	--	--	--
1990-91	--	--	--	--	--	--	--
1991-92	0.00	3,800.00	--	--	--	21,277.10	21,277.10
1992-93	0.00 2/	4,933.50 2/	--	--	--	-16,196.00 1/	5,081.10
1993-94	0.00	2,000.00	--	--	--	-2,000.00	3,081.10
1994-95	0.00	0.00	--	--	--	5,738.60	8,819.70
1995-96	0.00	0.00	--	--	--	3,832.00	12,651.70
1996-97	0.00	0.00	--	--	--	1,451.10	14,102.80
1997-98	2,304.50	0.00	--	--	--	-1,351.40	12,751.40
1998-99	0.00	0.00	--	--	--	0.00	12,751.40
1999-00	0.00	0.00	--	--	--	0.00	12,751.40
2000-01	0.00	0.00	--	--	--	675.20	13,426.60
2001-02	0.00	0.00	--	--	--	570.20	13,996.80
2002-03	0.00	0.00	--	--	--	0.00	13,996.80
2003-04	0.00	0.00	--	--	--	0.00	13,996.80
2004-05	1,700.00	0.00	--	--	--	-1,700.00	12,296.80
2005-06	0.00	0.00	--	--	--	0.00	12,296.80
2006-07	0.00	0.00	--	--	--	2,978.00	15,274.80
2007-08	1,886.70	0.00	--	--	--	-1,886.70	13,388.10
2008-09	2,886.90	5,335.00	--	--	--	-8,221.90	5,166.20
2009-10	32.55	998.50	--	--	--	396.75	5,562.95
2010-11	0.00	15,849.50 3/	--	--	--	-3,584.90	1,978.05
2011-12	2,299.65	3,949.50	--	--	--	6,622.25	8,600.30
2012-13	63.30	2,569.00	2,521.00	--	--	4,945.50	13,545.80
2013-14	479.00 4/	1,300.00	0.00	--	--	1,331.10	14,876.90
2014-15	0.00	1,000.00 5/	0.00	--	--	-529.00	14,347.90
2015-16	0.00	14,578.30 6/	0.00	--	--	-12,070.90	2,277.00
2016-17	0.00	2,277.00	0.00	264.60	--	9,723.00	12,000.00
2017-18	0.00	0.00	0.00	1,257.40	--	4,074.80	16,074.80
2018-19	0.00	0.00	0.00	3,374.00	--	-1,247.50	14,827.30
2019-20	0.00	0.00	0.00	635.00	--	9,184.03	24,011.33
2020-21	0.00	3,146.60 9/	0.00	0.00	-2,841.60	-3,146.60	20,864.73
2021-22	0.00	12,600.00 12/	0.00	0.00	0.00	-14,876.30	5,988.43
2022-23	0.00	600.00 9/	0.00	0.00	0.00	-39.70	5,948.73
TOTALS	11,652.60	74,936.90	2,521.00	5,531.00		5,948.73	--

8/ Includes 174.65 AF of WM Replacement Water Surcharge

9/ Includes 600 acre-feet transferred to Puente Basin Water Agency.

10/ Includes Replacement Water Surcharge, RDA and Producer Cyclic Storage

11/ Includes 26.30 AF of WM Replacement Water Surcharge

12/ Includes 12,000 acre-feet transferred to Puente Basin Water Agency.

13/ Includes 154.70 AF of WM Replacement Water Surcharge

Note: The minimum and maximum values are bolded.

APPENDIX E INDIVIDUAL PRODUCER ACCOUNTS TOTAL ANNUAL IMPORTED WATER DELIVERIES AND CYCLIC STORAGE (ACRE-FEET)

Fiscal Year	Upper District Producers				Three Valleys District Producers				San Gabriel Valley District Producers					
	Deliveries To Cyclic Storage	Transfer From Upper District Cyclic Storage	Transfer from Watermaster Pre-Purchase Account	Cyclic Storage At End Of Year	Deliveries To Cyclic Storage	Transfer From Three Valleys District Cyclic Storage	Transfer from Watermaster Pre-Purchase Account	Withdrawals	Cyclic Storage At End Of Year	Deliveries To Cyclic Storage	Transfer From San Gabriel Valley District Cyclic Storage	Transfer from Watermaster Pre-Purchase Account	Withdrawals	Cyclic Storage At End Of Year
1983-84	0.00	1,573.60	--	1,573.60	0.00	0.00	--	0.00	0.00	0.00	0.00	--	0.00	0.00
1984-85	0.00	0.00	--	0.00	0.00	0.00	--	0.00	0.00	0.00	0.00	--	0.00	0.00
1985-86	0.00	0.00	--	0.00	0.00	0.00	--	0.00	0.00	0.00	0.00	--	0.00	0.00
1986-87	0.00	0.00	--	0.00	0.00	0.00	--	0.00	0.00	0.00	0.00	--	0.00	0.00
1987-88	0.00	0.00	--	0.00	0.00	0.00	--	0.00	0.00	0.00	0.00	--	0.00	0.00
1988-89	0.00	0.00	--	0.00	0.00	0.00	--	0.00	0.00	0.00	0.00	--	0.00	0.00
1989-90	0.00	0.00	--	0.00	0.00	0.00	--	0.00	0.00	0.00	0.00	--	0.00	0.00
1990-91	13,112.70	0.00	--	13,112.70	0.00	0.00	--	0.00	0.00	0.00	0.00	--	0.00	0.00
1991-92	3,305.90	28,811.00	--	32,116.90	0.00	3,800.00	--	3,800.00	0.00	0.00	0.00	--	0.00	0.00
1992-93	18,916.73 1/	26,236.20	--	45,147.93	0.00	4,933.50	--	4,883.46	50.04	0.00	0.00	--	0.00	0.00
1993-94	23,050.80 2/	321.58	--	23,372.38	0.00	2,000.00	--	2,050.04	0.00	0.00	0.00	--	0.00	0.00
1994-95	0.00	0.00	--	0.00	0.00	0.00	--	0.00	0.00	0.00	0.00	--	0.00	0.00
1995-96	0.00	0.00	--	0.00	0.00	0.00	--	0.00	0.00	0.00	0.00	--	0.00	0.00
1996-97	0.00	0.00	--	0.00	0.00	0.00	--	0.00	0.00	0.00	0.00	--	0.00	0.00
1997-98	0.00	0.00	--	0.00	0.00	0.00	--	0.00	0.00	0.00	5,700.00	--	4,331.64	1,368.36
1998-99	0.00	0.00	--	0.00	0.00	0.00	--	0.00	0.00	0.00	3,200.00	--	2,859.66	1,708.70
1999-00	0.00	0.00	--	0.00	0.00	0.00	--	0.00	0.00	0.00	3,800.00	--	3,663.84	1,844.86
2000-01	0.00	0.00	--	0.00	0.00	0.00	--	0.00	0.00	0.00	3,800.00	--	2,825.02	2,819.84
2001-02	0.00	0.00	--	0.00	0.00	0.00	--	0.00	0.00	0.00	7,100.00	--	6,450.10	3,469.74
2002-03	0.00	0.00	--	0.00	0.00	0.00	--	0.00	0.00	0.00	8,300.00	--	5,948.75	5,820.99
2003-04	0.00	10,000.00	--	0.00	0.00	0.00	--	0.00	0.00	0.00	9,800.00	--	8,870.23	6,750.76
2004-05	0.00	0.00	--	7,031.99	2,968.01	1,800.00	--	1,800.00	0.00	0.00	13,100.00	--	9,904.94	9,945.82
2005-06	0.00	9,000.00	--	3,474.72	8,493.29	0.00	--	0.00	0.00	0.00	944.38	--	3,434.20	7,456.00
2006-07	0.00	2,100.00 3/	--	3,307.46	7,285.83	332.00 3/	--	332.00	0.00	0.00	1,400.00	--	3,670.43	5,185.57
2007-08	0.00	2,276.03	--	3,740.96	5,820.90	0.00	--	0.00	2,029.24	0.00	14,131.80 4/	--	5,402.96	13,914.41
2008-09	0.00	11,125.40	--	9,112.32	7,833.98	0.00	--	1,600.09	5,764.15	0.00	11,619.40	--	19,526.61	6,007.20
2009-10	0.00	0.00	--	0.00	7,833.98	998.50	--	3,629.92	3,132.73	0.00	9,225.34	--	11,300.00	3,932.54
2010-11	23,335.80 6/	0.00	--	11,902.64	19,267.14	4,160.20	--	3,480.02	3,812.91	0.00	7,500.00	--	0.00	11,432.54
2011-12	18,169.10	0.00	--	10,492.71	26,943.53	3,949.50	--	2,711.74	5,050.67	0.00	0.00	--	7,500.00	3,932.54
2012-13	10,000.00	0.00	--	18,712.62	18,230.91	2,569.00	--	3,269.44	4,350.23	0.00	7,000.00	--	2,049.19	8,883.35
2013-14	31,288.90	0.00	--	26,549.29 7/	22,970.52	1,300.00	--	2,862.02	2,788.21	0.00	2,549.19	--	6,914.67 8/	4,517.87
2014-15	29,809.36	5,000.00	1,900.00	32,023.17	27,656.71	1,000.00	800.00	1,485.67	3,102.54	3,995.80	0.00	--	961.80 9/	7,551.87
2015-16	10,510.00	1,100.00	1,000.00	15,830.75	24,435.96	500.00	350.00	1,346.07	2,606.47	0.00	0.00	--	2,334.17	5,217.70
2016-17	35,786.60	5,313.40	359.00	17,528.34	48,366.62	2,777.00	0.00	2,668.34	2,715.13	0.00	0.00	--	2,246.96	2,970.74
2017-18	3,236.00	536.90	14,833.70	24,510.41	42,462.81	670.00	594.14	2,899.57	1,079.70	0.00	0.00	--	0.00	2,970.74
2018-19	20,624.00	0.00	156.64 10/	21,225.60	42,017.85	0.00	90.07 10/	2,080.56	2,309.21	0.00	0.00	--	0.00	2,970.74
2019-20	10,145.50	3,200.00	0.00	20,399.21	34,964.14	0.00	0.00	1,514.64	794.57	0.00	0.00	--	0.00	2,970.74
2020-21	36,244.35	0.00	0.00	20,663.70	50,544.79	820.05	0.00	3,224.11	937.11	0.00	0.00	--	2,970.74	0.00
2021-22	13,120.01 11/	0.00	0.00	17,956.14	45,708.66	0.00	0.00	11.18	925.93	0.00	0.00	--	0.00	0.00
2022-23	17,809.39	0.00	0.00	9,820.77	53,697.28	0.00	0.00	0.00	925.93	0.00	0.00	--	0.00	0.00

- 1/ Includes 735.90 acre-feet transferred from USG-5 Exchange Replacement.
- 2/ Includes 10.10 acre-feet transferred from USG-5 Exchange Replacement.
- 3/ Delivered by San Gabriel Valley District on behalf of Upper District and Three Valleys District producers.
- 4/ Upper District delivered 1,931.00 AF on behalf of Three Valleys District producers and 1,517.37 AF on behalf of San Gabriel District producers.
- 5/ San Gabriel District delivered 98.24 AF on behalf of Three Valleys District producers.
- 6/ Includes 11,689.30 acre-feet delivered by Three Valleys District on behalf of Upper District producers.
- 7/ Upper District Producer pre-ordered 2,676 acre-feet of Cyclic Storage from Upper District. Pre-order applied to calculated 2013-14 Replacement Water Obligation.
- 8/ San Gabriel District Producer pre-ordered 4,500 acre-feet of Cyclic Storage from San Gabriel District. Pre-order applied to calculated 2013-14 Replacement Water Obligation.
- 9/ Transferred from City of Sierra Madre Cyclic Storage to San Gabriel District Cyclic Storage.
- 10/ Includes CSA credit.
- 11/ Pre-purchases by Producers of 890 AF was applied in FY 21-22, but will be deducted in UDMWD Cyclic Storage account in FY 22-23.

Note: The minimum and maximum values are bolded.

APPENDIX E
WATERMASTER PRE-PURCHASE ACCOUNTS
TOTAL ANNUAL CYCLIC STORAGE (ACRE-FEET)

Fiscal Year	Upper District				Three Valleys District				San Gabriel District			
	Deliver/Transfer from Upper District	Transfer to Upper District Producers	Transfer to RDA I/II Account	Cyclic Storage At End Of Year	Deliver/Transfer from Three Valleys District	Transfer to Three Valleys District Producers	Transfer to RDA I/II Account	Cyclic Storage At End Of Year	Deliver/Transfer from San Gabriel District	Transfer to San Gabriel District Producers	Transfer to RDA I/II Account	Cyclic Storage At End Of Year
2011-12				0.00				0.00				0.00
2012-13	2,034.70	0.00	0.00	2,034.70	2,521.00	0.00	0.00	2,521.00	0.00	0.00	0.00	0.00
2013-14	0.00	0.00	0.00	2,034.70	479.00	361.96	0.00	2,638.04	0.00	0.00	0.00	0.00
2014-15	5,000.00	1,900.00	0.00	5,134.70	0.00	800.00	0.00	1,838.04	0.00	0.00	0.00	0.00
2015-16	4,500.00	1,000.00	0.00	8,634.70	0.00	350.00	0.00	1,488.04	0.00	0.00	0.00	0.00
2016-17	0.00	565.00	0.00	8,069.70	0.00	0.00	223.90	1,264.14	0.00	0.00	0.00	0.00
2017-18	6,764.00	14,833.70	0.00	0.00	0.00	594.14	670.00	0.00	0.00	0.00	0.00	0.00
2018-19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2019-20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2020-21	179.50	0.00	179.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2021-22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2022-23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Note: The minimum and maximum values are bolded.

APPENDIX F

SUMMARY OF ACCOUNTING UNDER MAKE-UP WATER OBLIGATION

HISTORY OF ANNUAL MAKE-UP WATER DELIVERIES TO LOWER AREA

APPENDIX F
SUMMARY OF ACCOUNTING UNDER
MAKE-UP WATER OBLIGATION (ACRE-FEET)

1.	Accrued Credit of Upper Area as of September 30, 2021	217,686
2.	Amount of Make-up Water delivered during water year 2021-22	
	a. Payment for Reclaimed Water	0
	b. Surface Flow Delivery	0
	c. Total	<u>0</u>
3.	Adjusted Accrued Credit of Upper Area as of September 30, 2021	217,686
4.	Credit for Water Year 2021-22	<u><u>22,591</u></u>
5.	Accrued Credit of Upper Area as of September 30, 2022	240,277
6.	Required Make-up Water obligation to be delivered during Water Year 2022-23	0

APPENDIX F
HISTORY OF ANNUAL MAKE-UP
WATER DELIVERIES TO LOWER AREA (ACRE-FEET)

Water Year	Annual Accounting Make-up Water Deliveries			Long-term Accounting Make-up Water Deliveries				Total Make-up Water
	Reclaimed Water	Surface Flow	Total	Reclaimed Water	Surface Flow	In-Lieu Payment	Total	
1963-64	0	0	0	-	-	-	-	0
1964-65	13,257	0	13,257	-	-	-	-	13,257
1965-66	14,528	6,489	21,017	-	-	-	-	21,017
1966-67	14,735	0	14,735	-	-	-	-	14,735
1967-68	7,425	0	7,425	-	-	-	-	7,425
1968-69	5,597	0	5,597	-	-	-	-	5,597
1969-70	0	0	0	-	-	-	-	0
1970-71	0	0	0	-	-	-	-	0
1971-72	0	0	0	-	-	-	-	0
1972-73	0	0	0	-	-	-	-	0
1973-74	0	0	0	-	-	-	-	0
1974-75	2,834	0	2,834	-	-	-	-	2,834
1975-76	14,637	0	14,637	-	-	-	-	14,637
1976-77	12,394	14,507	26,901	-	-	-	-	26,901
1977-78	10,158	7,864	18,022	-	-	-	-	18,022
1978-79	0	0	0	-	-	-	-	0
1979-80	0	0	0	10,716	10,843	-	21,559	21,559
1980-81	0	0	0	14,568	31,241	-	45,809	45,809
1981-82	0	0	0	11,464	30,716	-	42,180	42,180
1982-83	7,285	0	7,285	0	8,921	15,883	24,804	32,089
1983-84	0	0	0	0	33,589	0	33,589	33,589
1984-85	0	0	0	-	-	-	-	0
1985-86	0	0	0	-	-	-	-	0
1986-87	0	0	0	-	-	-	-	0
1987-88	14,735	5,712	20,447	-	-	-	-	20,447
1988-89	14,735	6,455	21,190	-	-	-	-	21,190
1989-90	14,735	13,544	28,279	-	-	-	-	28,279
1990-91	14,735	100	14,835	-	-	-	-	14,835
1991-92	14,735	0	14,735	-	-	-	-	14,735
1992-93	2,359	0	2,359	-	-	-	-	2,359
1993-94	0	0	0	-	-	-	-	0
1994-95	0	0	0	-	-	-	-	0
1995-96	0	0	0	-	-	-	-	0
1996-97	0	0	0	-	-	-	-	0
1997-98	0	0	0	-	-	-	-	0
1998-99	0	0	0	-	-	-	-	0
1999-00	0	0	0	-	-	-	-	0
2000-01	0	0	0	-	-	-	-	0
2001-02	0	0	0	-	-	-	-	0
2002-03	0	0	0	-	-	-	-	0
2003-04	0	0	0	-	-	-	-	0
2004-05	0	0	0	-	-	-	-	0
2005-06	0	0	0	-	-	-	-	0
2006-07	0	0	0	-	-	-	-	0
2007-08	0	0	0	-	-	-	-	0
2008-09	0	0	0	-	-	-	-	0
2009-10	0	0	0	-	-	-	-	0
2010-11	0	0	0	-	-	-	-	0
2011-12	0	0	0	-	-	-	-	0
2012-13	0	0	0	-	-	-	-	0
2013-14	0	0	0	-	-	-	-	0
2014-15	0	0	0	-	-	-	-	0
2015-16	0	0	0	-	-	-	-	0
2016-17	0	0	0	-	-	-	-	0
2017-18	0	0	0	-	-	-	-	0
2018-19	0	0	0	-	-	-	-	0
2019-20	0	0	0	-	-	-	-	0
2020-21	0	0	0	-	-	-	-	0
2021-22	0	0	0	-	-	-	-	0

TOTALS 178,884 54,671 233,555 36,748 115,310 15,883 167,941 401,496

59 Year

Average 3,032 927 3,959 623 1,954 269 2,846 6,805

Note: The minimum and maximum values are bolded.

APPENDIX G

**QUARTERLY GROUNDWATER EXTRACTIONS
AND
SURFACE DIVERSIONS**

APPENDIX G
QUARTERLY GROUNDWATER
EXTRACTIONS AND SURFACE DIVERSIONS

Producer's Name and Well Identification Number		2022-23 Groundwater Extractions and Surface Diversions (Acre-feet)				
Owner Number	Recordation No.	First Quarter	Second Quarter	Third Quarter	Fourth Quarter	Annual Total

9447 San Gabriel Canyon LLC

VIET TEM	8000191	5.01	2.83	0.97	1.13	9.94
	TOTAL	5.01	2.83	0.97	1.13	9.94

Alhambra, City of

7	1903097	0.00	0.00	0.00	0.00	0.00
MOELR (8)	1900010	712.98	334.22	212.51	240.42	1,500.13
9	1900011	8.85	1.66	1.50	2.43	14.44
10	1900012	0.00	0.00	0.00	0.00	0.00
11	1903014	2.26	2.49	2.14	7.05	13.94
12	1900013	0.00	0.00	0.00	0.00	0.00
13	1900014	115.02	36.12	5.30	25.02	181.46
14	1900015	0.00	0.00	0.00	0.00	0.00
15	1900016	407.61	429.47	389.13	420.57	1,646.78
1 LON	1902789	376.31	369.54	280.35	323.51	1,349.71
2 LON	1900017	106.11	174.37	204.27	458.27	943.02
	TOTAL	1,729.14	1,347.87	1,095.20	1,477.27	5,649.48

Amarillo Mutual Water Company

SOUTH	1900791	5.52	0.53	0.36	0.02	6.43
NORTH	1900792	0.00	0.00	0.00	0.00	0.00
	TOTAL	5.52	0.53	0.36	0.02	6.43

Arcadia, City of

1 L.O.	8000127	1,081.75	1,068.76	1,076.15	1,106.61	4,333.27
1 LON	1901013	113.23	25.07	6.68	33.20	178.18
1 PEC	1902854	952.55	301.97	314.78	631.18	2,200.48
2 BAL	1902791	0.00	0.00	0.00	0.00	0.00
2 LON	1901014	0.00	0.00	0.00	0.00	0.00
2 STJ	8000177	0.00	0.00	0.00	0.00	0.00
3 CAM	8000213	1,044.86	1,033.26	27.30	20.68	2,126.10
3 LONG	8000214	198.26	49.21	55.95	103.98	407.40
SM	8000193	0.00	0.00	0.00	0.00	0.00
	TOTAL	3,390.65	2,478.27	1,480.86	1,895.65	9,245.43

Arcadia Reclamation

--	8000229	16.23	7.31	2.73	3.49	29.76
	TOTAL	16.23	7.31	2.73	3.49	29.76

Producer's Name and Well Identification Number		2022-23 Groundwater Extractions and Surface Diversions (Acre-feet)				
Owner Number	Recordation No.	First Quarter	Second Quarter	Third Quarter	Fourth Quarter	Annual Total

Azusa, City of

1	8000072	511.52	250.84	145.36	310.77	1,218.49
2	1902457	419.35	200.51	622.46	389.92	1,632.24
3	8000086	750.49	512.35	496.28	495.47	2,254.59
4	1902458	575.85	663.24	687.72	462.41	2,389.22
5	1902533	266.14	234.36	298.46	330.70	1,129.66
6	1902535	198.85	393.86	50.44	2.63	645.78
7	1902116	45.58	60.92	53.90	0.47	160.87
8	1902115	302.69	233.57	33.88	1.16	571.30
10	8000103	64.60	65.14	47.47	50.48	227.69
11	8000178	176.23	58.55	330.30	400.02	965.10
12	8000179	106.04	60.61	275.94	294.83	737.42
DIV EFF	1902118	1,461.56	1,044.10	14.79	1,025.19	3,545.64
VUL	1903119	15.16	8.35	5.76	8.79	38.06
TOTAL		4,894.06	3,786.40	3,062.76	3,772.84	15,516.06

Banks, Gale & Vicki

--	1900415	11.77	2.73	0.78	7.06	22.34
TOTAL		11.77	2.73	0.78	7.06	22.34

California-American Water Company
Duarte System

BACON	1900497	0.72	0.28	0.41	0.57	1.98
B-V	1900355	287.00	171.61	13.45	6.40	478.46
B-V2	8000216	152.67	190.79	90.62	351.09	785.17
CR HV	1903018	264.39	90.84	169.36	110.30	634.89
DIV 2	1900360	0.00	0.00	0.00	0.00	0.00
ENCTO	8000139	287.40	71.87	11.37	0.10	370.74
FISH C	1900358	0.00	0.00	0.00	0.00	0.00
LAS L 2	8000140	14.88	1.21	0.59	10.69	27.37
STA FE	1900354	0.00	48.35	39.06	73.85	161.26
WILEY	1902907	526.60	529.42	503.10	497.43	2,056.55
LEMON	8000237	65.72	61.85	58.89	45.16	231.62
TOTAL		1,599.38	1,166.22	886.85	1,095.59	4,748.04

California-American Water Company
San Marino System

DELMAR	1903059	227.93	23.33	102.31	265.53	619.10
GRAND	1900926	413.57	27.58	5.14	8.31	454.60
HALL-2	8000175	0.00	0.00	0.00	163.80	163.80
HOWL	1902424	161.30	56.64	7.00	24.93	249.87
LONG	1900935	0.00	0.00	0.00	0.00	0.00

Producer's Name and Well Identification Number		2022-23 Groundwater Extractions and Surface Diversions (Acre-feet)				
Owner Number	Recordation No.	First Quarter	Second Quarter	Third Quarter	Fourth Quarter	Annual Total

MAR-3	1903019	408.69	436.97	436.93	443.18	1,725.77
MISVW	1900920	84.79	341.26	312.48	359.91	1,098.44
ROSE	1900927	0.00	0.00	0.00	0.00	0.00
RIC-3	8000222	513.56	59.75	46.47	111.57	731.35
ADA-3	8000182	0.00	0.00	0.00	0.00	0.00
9	1901508	79.60	60.90	58.70	16.04	215.24
11	8000217	353.87	287.62	224.50	319.32	1,185.31
TOTAL		2,243.31	1,294.05	1,193.53	1,712.59	6,443.48

California Country Club

ARTES	1902531	0.00	0.00	0.00	0.00	0.00
SYC	1903084	0.00	0.00	0.00	0.00	0.00
TOTAL		0.00	0.00	0.00	0.00	0.00

California Domestic Water Company

2A	8000236	1,196.75	986.54	314.97	949.80	3,448.06
3	1903057	1,484.04	1,481.91	1,511.36	1,687.76	6,165.07
6	1902967	268.93	34.20	2.14	32.29	337.56
8	1903081	101.43	3.33	5.93	7.35	118.04
5A	8000100	1,331.67	1,347.28	1,120.26	1,413.88	5,213.09
10	8000223	1,191.07	399.21	34.46	229.72	1,854.46
SGVWC	8000227	888.40	963.20	1,103.90	882.16	3,837.66
PBWA/RO	8000224	0.00	-382.12	-487.30	-520.47	-1,389.89
TOTAL		6,462.29	4,833.55	3,605.72	4,682.49	19,584.05

Carrier Corporation

--	--	0.00	0.00	0.00	0.00	0.00
TOTAL		0.00	0.00	0.00	0.00	0.00

Citrus Valley Medical Center, Queen of the Valley Campus

1	8000138	0.00	0.00	0.00	0.00	0.00
TOTAL		0.00	0.00	0.00	0.00	0.00

County Sanitation District No. 18

E01R	8000161	0.02	0.02	0.02	0.02	0.08
E02R	8000165	0.20	0.19	0.20	0.16	0.75
E03R	8000162	0.01	0.01	0.01	0.01	0.04
E04R	8000166	0.06	0.06	0.06	0.07	0.25
E05R	8000163	0.13	0.13	0.13	0.13	0.52
E06R	8000167	0.04	0.04	0.04	0.05	0.17
E07R	8000164	0.21	0.20	0.21	0.14	0.76
E08R	8000168	0.07	0.07	0.08	0.10	0.32
E16A	8000153	0.27	0.26	0.13	0.35	1.01
E17A	8000154	0.83	0.79	0.63	1.09	3.34
E18A	8000155	0.10	0.10	0.10	0.10	0.40

Producer's Name and Well Identification Number		2022-23 Groundwater Extractions and Surface Diversions (Acre-feet)				
Owner Number	Recordation No.	First Quarter	Second Quarter	Third Quarter	Fourth Quarter	Annual Total

E19A	8000156	0.25	0.23	0.25	0.27	1.00
E20A	8000173	0.19	0.19	0.16	0.15	0.69
EX 1	8000141	0.06	0.05	0.05	0.06	0.22
EX 2	8000142	0.00	0.00	0.00	0.03	0.03
EX 3	8000143	0.00	0.00	0.00	0.01	0.01
EX 4	8000144	0.00	0.00	0.00	0.01	0.01
WRP FL E	--	0.00	0.00	0.00	0.00	0.00
TOTAL		2.44	2.34	2.07	2.75	9.60

Covina Irrigating Company

1 BAL	1900885	445.84	148.91	78.72	101.14	774.61
2 BAL	1900883	1.56	1.03	1.22	2.42	6.23
3 BAL	1900882	644.75	622.81	470.76	545.30	2,283.62
NP EFFL	1900884	950.47	474.69	616.15	1,313.87	3,355.18
SP EFFL	1900884	789.10	462.28	576.85	1,134.43	2,962.66
PMSGV-2	--	0.00	0.00	-1,018.18	-2,088.80	-3,106.98
TOTAL		2,831.72	1,709.72	725.52	1,008.36	6,275.32

DeFalco, John & Carole

8000194	0.00	0.00	0.00	0.00	0.00
TOTAL	0.00	0.00	0.00	0.00	0.00

Del Rio Mutual Water Company

BURKE	1900331	23.00	18.00	19.00	21.00	81.00
TOTAL		23.00	18.00	19.00	21.00	81.00

El Monte, City of

4	1901694	0.00	0.00	0.00	0.00	0.00
10	1901699	124.29	117.34	108.76	91.04	441.43
12	1903137	23.01	9.94	6.55	7.86	47.36
13	8000101	0.00	0.00	0.00	0.00	0.00
2A	1901692	140.75	90.12	60.54	87.42	378.83
14	8000231	74.06	54.71	52.99	52.76	234.52
15	8000232	95.93	59.99	57.40	41.54	254.86
16	8000233	118.03	107.90	103.88	103.80	433.61
TOTAL		576.07	440.00	390.12	384.42	1,790.61

Producer's Name and Well Identification Number		2022-23 Groundwater Extractions and Surface Diversions (Acre-feet)				
Owner Number	Recordation No.	First Quarter	Second Quarter	Third Quarter	Fourth Quarter	Annual Total

Gates, James Richard

GATES 1	8000215	0.06	0.00	0.19	0.11	0.36
	TOTAL	0.06	0.00	0.19	0.11	0.36

Glendora, City of

2-E	1901526	187.21	159.95	37.84	21.95	406.95
5-E	8000149	324.52	342.00	274.98	0.00	941.50
8-E	1900829	252.80	319.22	429.36	537.03	1,538.41
9-E	1900830	509.57	518.86	491.08	519.09	2,038.60
10-E	1900828	153.34	98.61	10.18	6.86	268.99
11-E	1900826	228.64	108.69	7.03	9.74	354.10
12-E	1900827	501.35	58.75	0.00	858.17	1,418.27
13-E	8000184	284.89	240.67	132.14	81.37	739.07
	TOTAL	2,442.32	1,846.75	1,382.61	2,034.21	7,705.89

Golden State Water Company

San Dimas District

ART-2	1902152	0.00	0.00	0.00	0.00	0.00
ART-3	1902842	95.08	3.84	0.20	0.36	99.48
BAS-3	1902148	0.00	0.00	0.00	0.00	0.00
BAS-4	1902149	0.00	0.00	0.00	0.00	0.00
COL-4	1902268	0.00	0.00	0.00	0.00	0.00
COL-6	1902270	0.00	0.00	0.00	0.00	0.00
CITY	1902286	49.67	30.07	10.96	53.28	143.98
GOLF	1902157	0.00	0.00	0.00	0.00	0.00
HWY	1902150	216.81	7.35	0.33	1.36	225.85
HWY-2	8000212	231.20	35.92	44.03	79.32	390.47
MALON	1902287	142.44	97.25	98.55	118.39	456.63
	TOTAL	735.20	174.43	154.07	252.71	1,316.41

Golden State Water Company

San Gabriel Valley District

1 ENC	1902024	202.61	217.41	180.89	194.40	795.31
1 FAR	1902034	0.19	0.12	0.17	0.38	0.86
1 PER	1902027	74.80	17.50	2.50	16.59	111.39
1 S G	1900510	214.45	329.19	330.44	357.74	1,231.82
2 ENC	1902035	139.94	67.46	79.10	93.89	380.39
2 FAR	1902948	0.00	0.00	0.00	0.00	0.00
2 S G	1900511	29.46	99.22	60.77	38.29	227.74
3 ENC	8000073	122.63	128.84	95.67	110.41	457.55
3 GAR	8000221	337.47	104.38	86.69	127.08	655.62
3 SAX	1900514	0.00	0.00	0.00	0.00	0.00
4 JEF	8000111	244.61	192.31	137.45	201.08	775.45
4 SAX	8000146	1.19	0.00	0.00	0.00	1.19
	TOTAL	1,367.35	1,156.43	973.68	1,139.86	4,637.32

Producer's Name and Well Identification Number		2022-23 Groundwater Extractions and Surface Diversions (Acre-feet)				
Owner Number	Recordation No.	First Quarter	Second Quarter	Third Quarter	Fourth Quarter	Annual Total

Gould Electronics Inc. and Johnson Controls Inc.

SEW	--	8.21	4.23	0.01	9.65	22.10
DEW	--	0.00	0.00	0.00	0.00	0.00
TOTAL		8.21	4.23	0.01	9.65	22.10

Hanson Aggregates West, Inc.

1 EL	1901492	16.88	15.43	9.64	14.24	56.19
3 EL	1901493	35.10	22.16	15.08	16.92	89.26
4 EL	1903006	0.00	0.00	0.00	0.00	0.00
Temp	--	0.00	0.00	0.00	0.00	0.00
TOTAL		51.98	37.59	24.72	31.16	145.45

Hemlock Mutual Water Company

NORTH	1901178	9.06	6.33	2.95	5.13	23.47
SOUTH	1902806	10.20	8.54	9.63	9.97	38.34
TOTAL		19.26	14.87	12.58	15.10	61.81

Hermetic Seal Corporation

EW-21/22	--	10.77	10.34	9.63	7.23	37.97
TOTAL		10.77	10.34	9.63	7.23	37.97

IBY Property Owner, LLC

2	8000075	11.55	0.20	0.00	0.00	11.75
TOTAL		11.55	0.20	0.00	0.00	11.75

Industry Waterworks System, City of

3	8000078	0.00	0.00	0.00	0.00	0.00
4	8000096	0.00	0.00	0.00	0.00	0.00
5	8000097	494.84	464.15	147.35	0.00	1,106.34 ^{1/}
TOTAL		494.84	464.15	147.35	0.00	1,106.34

La Puente Valley County Water District

2	1901460	373.33	394.75	397.44	367.05	1,532.57
3	1902859	12.42	8.64	18.63	19.50	59.19
5	8000209	583.55	541.17	482.67	523.48	2,130.87
IZ-1	8000238	2.33	0.93	0.55	3.70	7.51
IZ-2	8000239	0.00	0.00	0.00	0.00	0.00
IZ-EAST	8000240	0.06	0.00	2.36	10.72	13.14
IZ-WEST	8000241	5.75	1.97	9.79	9.02	26.53
MZ-1	8000242	4.52	2.15	1.19	5.24	13.10
MZ-2	8000243	2.54	2.99	2.11	3.70	11.34
MZ-3	8000244	4.93	0.38	0.13	5.45	10.89
SWS	8000176	-512.14	-580.10	-608.87	-570.77	-2,271.88
TOTAL		477.29	372.88	306.00	377.09	1,533.26

Producer's Name and Well Identification Number		2022-23 Groundwater Extractions and Surface Diversions (Acre-feet)				
Owner Number	Recordation No.	First Quarter	Second Quarter	Third Quarter	Fourth Quarter	Annual Total

Los Angeles, County of

2	1902580	0.00	0.00	0.00	0.00	0.00
4	1902664	0.00	0.00	0.00	0.00	0.00
1 SF	8000070	311.00	179.70	0.20	199.34	690.24
1 WHI	1902579	0.00	0.00	0.00	0.00	0.00
2 SF	8000074	6.73	3.53	3.11	22.08	35.45
B RED	8000088	0.00	0.00	0.00	0.00	0.00
BN PK	1902158	0.00	0.00	0.00	0.00	0.00
N LK	8000089	0.00	0.00	0.00	0.00	0.00
EPA (LE L)	--	306.24	547.55	662.74	321.69	1,838.22
TOTAL		623.97	730.78	666.05	543.11	2,563.91

Monrovia, City of

2	1900418	46.44	6.81	4.94	37.42	95.61
3	1900419	518.81	431.70	342.69	303.25	1,596.45
4	1900420	515.58	365.09	192.50	294.79	1,367.96
5	1940104	23.26	4.11	0.00	3.78	31.15
6	8000171	744.49	617.84	512.44	733.27	2,608.04
TOTAL		1,848.58	1,425.55	1,052.57	1,372.51	5,699.21

Monterey Park, City of

1	1900453	35.72	16.88	132.61	239.80	425.01
3	1900455	101.95	55.42	158.85	216.36	532.58
5	1900457	0.00	0.00	0.00	2.76	2.76
7	1902372	0.00	0.00	0.00	0.00	0.00
8	1902373	0.00	0.00	0.00	0.00	0.00
9	1902690	1.60	1.66	0.00	3.01	6.27
10	1902818	386.62	320.79	295.84	486.42	1,489.67
12	1903033	667.27	615.28	287.31	1.63	1,571.49
15	8000196	781.61	473.99	287.09	7.46	1,550.15
FERN	8000126	4.70	2.61	2.64	2.95	12.90
TOTAL		1,979.47	1,486.63	1,164.34	960.39	5,590.83

Moon Valley Nursery of California, Inc.

5R	1903072	17.60	14.25	7.49	18.21	57.55
TOTAL		17.60	14.25	7.49	18.21	57.55

Munoz, Ralph

MUNOZ	8000219	0.33	0.15	0.00	0.22	0.70
TOTAL		0.33	0.15	0.00	0.22	0.70

Progressive Buddhist Association

--	8000228	0.20	0.10	0.05	0.02	0.37
TOTAL		0.20	0.10	0.05	0.02	0.37

Producer's Name and Well Identification Number		2022-23 Groundwater Extractions and Surface Diversions (Acre-feet)				
Owner Number	Recordation No.	First Quarter	Second Quarter	Third Quarter	Fourth Quarter	Annual Total

Puente Basin Water Agency

PBWA/RO	8000224	0.00	382.12	487.30	520.47	1,389.89
	TOTAL	0.00	382.12	487.30	520.47	1,389.89

Rowland Water District

--	--	0.00	0.00	0.00	0.00	0.00
	TOTAL	0.00	0.00	0.00	0.00	0.00

San Gabriel Country Club

1	1900547	16.69	13.01	0.43	8.65	38.78
2	1902979	109.50	14.91	2.85	55.31	182.57
	TOTAL	126.19	27.92	3.28	63.96	221.35

San Gabriel County Water District

9	1902785	451.77	448.50	445.35	445.07	1,790.69
11	8000067	18.97	16.41	16.99	18.04	70.41
12	8000123	219.04	146.60	130.96	159.41	656.01
14	8000133	162.70	132.62	119.86	127.60	542.78
15	8000220	215.89	131.63	109.87	132.97	590.36
	TOTAL	1,068.37	875.76	823.03	883.09	3,650.25

San Gabriel Valley Water Company

1B	1900729	1.85	0.00	0.00	1.44	3.29
1D	8000102	929.28	784.63	344.97	463.23	2,522.11
1E	8000172	187.81	101.07	36.18	20.00	345.06
2D	1902857	3.17	0.54	171.35	32.67	207.73
2E	8000065	18.50	54.37	460.24	779.59	1,312.70
2F	8000197	0.80	0.42	100.79	18.20	120.21
8B	1900746	42.14	272.51	202.88	364.31	881.84
8C	1900747	408.71	421.16	308.38	536.67	1,674.92
8D	1903103	440.36	1.95	1.88	2.22	446.41
8E	8000113	3.22	1.26	2.53	1.39	8.40
8F	8000169	340.61	164.76	195.97	101.74	803.08
11A	1900739	713.19	415.84	330.71	558.43	2,018.17
11B	1900745	0.14	0.11	0.17	0.20	0.62
11C	1902713	0.53	0.59	1.04	0.89	3.05
11D	8000226	250.86	52.17	1.12	19.48	323.63
B1	1902635	0.00	0.00	0.00	0.00	0.00
B4B	1902858	0.00	0.00	0.00	0.00	0.00
B5A	1900718	0.00	0.00	0.00	0.00	0.00
B5B	1900719	0.00	870.00	1,169.83	1,213.51	3,253.34
B5C	8000112	0.00	0.00	0.00	0.00	0.00
B5D	8000160	757.26	172.62	290.11	14.97	1,234.96
B5E	8000205	1,253.25	1,158.35	796.57	1,957.47	5,165.64 ^{2/}
B6C	1903093	0.00	0.00	0.00	0.00	0.00
B6D	8000098	0.00	0.00	0.00	0.00	0.00
B7E	8000122	164.13	68.98	64.15	99.38	396.64
B9B	8000099	233.05	94.53	90.00	125.05	542.63
B11B	8000108	370.54	207.92	0.00	27.62	606.08
B24A	8000203	1.69	1.52	1.46	2.46	7.13

Producer's Name and Well Identification Number		2022-23 Groundwater Extractions and Surface Diversions (Acre-feet)				
Owner Number	Recordation No.	First Quarter	Second Quarter	Third Quarter	Fourth Quarter	Annual Total
B24B	8000204	0.14	0.12	0.15	0.26	0.67
B25A	8000187	725.49	753.73	683.35	695.50	2,858.07
B25B	8000188	876.84	757.35	677.47	691.23	3,002.89
B26A	8000189	288.77	272.40	129.62	244.82	935.61
B26B	8000190	375.54	388.44	185.18	356.60	1,305.76
G4	1900725	135.67	66.42	76.52	130.25	408.86
CDWC	8000227	-888.40	-963.20	-1,103.90	-882.16	-3,837.66
TOTAL		7,635.14	6,120.56	5,218.72	7,577.42	26,551.84

Sierra Madre, City of

8000193	0.00	0.00	0.00	0.00	0.00
TOTAL	0.00	0.00	0.00	0.00	0.00

S. L. S. & N. Inc.

Pit M	8000151	8.64	7.31	5.43	7.34	28.72
TOTAL		8.64	7.31	5.43	7.34	28.72

SOL Long Term LLC

1	8000124	0.00	0.00	0.00	0.00	0.00
15 Offsite	8000192	0.00	0.00	0.00	0.00	0.00
TOTAL		0.00	0.00	0.00	0.00	0.00

Sonoco Products Company

2	8000137	9.41	19.38	24.19	25.53	78.51
TOTAL		9.41	19.38	24.19	25.53	78.51

Southern California Edison Company

110RH	8000046	0.00	0.03	0.00	0.00	0.03
TOTAL		0.00	0.03	0.00	0.00	0.03

South Pasadena, City of

3 WIL	1901682	663.04	514.88	149.19	482.41	1,809.52
4 WIL	1903086	113.29	219.84	398.97	237.84	969.94
GRAV2	1901679	0.27	0.45	0.44	0.40	1.56
TOTAL		776.60	735.17	548.60	720.65	2,781.02

Sterling Mutual Water Company

N. SO.	8000132	15.84	6.02	3.54	5.08	30.48
NORTH	1902096	17.54	8.37	13.94	8.60	48.45
TOTAL		33.38	14.39	17.48	13.68	78.93

Suburban Water Systems

121W1	8000181	461.08	371.97	54.26	55.93	943.24
139W4	8000069	0.00	0.00	0.00	0.00	0.00

Producer's Name and Well Identification Number		2022-23 Groundwater Extractions and Surface Diversions (Acre-feet)				
Owner Number	Recordation No.	First Quarter	Second Quarter	Third Quarter	Fourth Quarter	Annual Total
140W5	8000145	0.00	0.02	0.00	0.00	0.02
142W2	8000183	1,075.99	1,071.99	1,078.83	859.76	4,086.57
147W3	8000077	0.00	0.00	0.00	0.00	0.00
151W2	8000207	693.34	874.80	18.06	91.30	1,677.50
201W4	1901433	0.00	0.00	0.00	0.00	0.00
201W7	8000195	874.99	819.70	1,084.66	938.57	3,717.92
201W8	8000198	67.02	11.09	35.56	91.49	205.16
201W9	8000208	890.24	692.23	441.95	962.07	2,986.49
201W10	8000210	1,409.49	780.86	2.22	0.86	2,193.43
LPVCWD	8000176	512.14	580.10	608.87	570.77	2,271.88
VCWD	8000206	1,287.17	1,231.70	343.55	1,478.24	4,340.66
TOTAL		7,271.46	6,434.46	3,667.96	5,048.99	22,422.87

Sunny Slope Water Company

8	1900026	261.08	14.40	24.47	0.75	300.70
9	1902792	2.13	1.76	58.72	2.77	65.38
13	8000157	300.13	465.62	279.34	452.94	1,498.03
TOTAL		563.34	481.78	362.53	456.46	1,864.11

Tran, Hieu

TRAN	8000218	2.93	0.95	0.46	0.21	4.55
TOTAL		2.93	0.95	0.46	0.21	4.55

United Rock Products Corporation

IRW-1	1900106	168.85	142.53	71.96	38.85	422.19
IRW-2	1903062	0.00	2.78	46.45	121.15	170.38
Pit 2 Pump		8.56	6.37	1.68	7.97	24.58
TOTAL		177.41	151.68	120.09	167.97	617.15

Valencia Heights Water Company

Master	8000199	222.50	187.60	136.19	325.37	871.66
CIC	--	-123.03	-111.60	-111.18	-147.16	-492.97
TOTAL		99.47	76.00	25.01	178.21	378.69

Valley County Water District

ARROW	1900034	963.75	1,201.38	335.45	1,175.55	3,676.13
E MAIN	1900027	413.29	396.82	435.87	450.87	1,696.85
E CL O N	1900032	319.25	184.73	43.25	507.98	1,055.21
LANTE	8000060	3.63	0.00	0.00	316.12	319.75
SA1-1	8000185	306.75	0.00	0.00	0.00	306.75
SA1-2	8000186	0.00	0.00	0.00	0.00	0.00
WMAIN	1900028	213.03	188.66	123.41	236.89	761.99
W CL O N	1902356	823.36	590.83	493.25	245.16	2,152.60
SWS	8000206	-1,287.17	-1,231.70	-343.55	-1,478.24	-4,340.66
VVMWC	--	-0.03	0.00	-0.05	0.00	-0.08
TOTAL		1,755.86	1,330.72	1,087.63	1,454.33	5,628.54

Producer's Name and Well Identification Number		2022-23 Groundwater Extractions and Surface Diversions (Acre-feet)				
Owner Number	Recordation No.	First Quarter	Second Quarter	Third Quarter	Fourth Quarter	Annual Total

Valley View Mutual Water Company

1	1900363	0.00	0.00	0.00	0.00	0.00
2	1900364	149.94	119.83	96.06	121.80	487.63
VCWD	--	0.03	0.00	0.05	0.00	0.08
TOTAL		149.97	119.83	96.11	121.80	487.71

Vulcan Materials Company

1 REL	1903088	82.25	0.00	34.52	65.08	181.85
NEW PER	8000235	219.77	206.12	110.03	185.30	721.22
TOTAL		302.02	206.12	144.55	250.38	903.07

Whittier, City of

13	1901749	153.86	107.79	0.12	0.04	261.81
15	8000071	508.62	551.17	2.81	2.15	1,064.75
16	8000110	3.83	23.41	16.26	0.03	43.53
17	8000135	0.00	0.00	0.00	0.00	0.00
18	8000136	0.00	0.00	0.00	0.00	0.00
TOTAL		666.31	682.37	19.19	2.22	1,370.09

Workman Mill Investment Company

1	1900094	0.00	0.00	0.00	0.00	0.00
2	1900095	0.00	0.00	0.00	0.00	0.00
3	1900052	0.00	0.00	0.00	0.00	0.00
4	1902790	0.00	0.00	0.00	0.00	0.00
TOTAL		0.00	0.00	0.00	0.00	0.00

Grand Total	54,526.07	42,495.70	31,019.37	40,318.95	168,360.09
Surface Water Diversion Total	3,201.13	1,981.07	189.61	1,384.69	6,756.50
Groundwater Extraction Total	51,324.94	40,514.63	30,829.76	38,934.26	161,603.59

^{1/} Third quarter and fourth quarter production decreased by 332.09 AF and 482.84 AF, respectively, at City of Industry Well 5, as agreed upon by City of Industry and SGVWC.

^{2/} Fourth quarter production increased by 814.93 AF at San Gabriel Valley Water Company Well B5E, as agreed upon by City of Industry and SGVWC.

APPENDIX H

**HISTORY OF ANNUAL TOTAL BASIN
PRODUCTION RIGHTS
AND
HISTORY OF ANNUAL PRODUCTION**

APPENDIX H **HISTORY OF ANNUAL TOTAL BASIN PRODUCTION** **RIGHTS AND PRODUCTION (ACRE-FEET)**

Fiscal Year	Operating Safe Yield	Production Rights	Recorded Production	Replacement Water Requirement	Lost Carryover	Carryover to Next Year
1972-73	--	--	241,097.74	--	--	--
1973-74	226,800	238,132.94	235,460.40	14,518.98	0.00	17,191.52
1974-75	210,000	237,913.46	225,221.86	8,421.93	203.36	20,908.95
1975-76	200,000	231,391.95	242,246.36	24,744.88	131.06	13,759.41
1976-77	150,000	174,193.45	210,340.40	48,650.71	861.12	9,980.67
1977-78	150,000	170,473.30	195,275.53	36,818.25	1,198.54	8,950.93
1978-79	170,000	189,439.67	214,919.54	34,404.83	78.11	6,745.88
1979-80	220,000	237,226.13	223,088.89	9,896.39	81.54	21,960.87
1980-81	230,000	262,445.19	230,832.31	5,477.08	202.89	35,642.01
1981-82	210,000	255,281.37	220,391.54	10,582.35	380.30	43,261.68
1982-83	200,000	253,049.93	209,949.43	3,293.23	304.02	45,378.26
1983-84	230,000	287,394.98	236,679.19	2,151.85	80.10	51,594.26
1984-85	210,000	272,050.01	242,439.63	12,475.69	344.48	40,395.40
1985-86	190,000	240,319.81	246,223.58	34,774.82	198.50	25,403.49
1986-87	200,000	235,923.93	253,633.02	41,828.86	106.93	22,457.73
1987-88	190,000	222,985.31	248,101.54	51,989.89	143.63	21,710.19
1988-89	180,000	214,810.57	253,694.47	59,384.99	61.61	19,741.33
1989-90	180,000	210,268.35	252,135.76	62,582.49	282.28	17,837.99
1990-91	170,000	199,467.55	232,091.44	41,232.39	387.33	18,796.02
1991-92	140,000	169,575.74	221,476.83	31,214.19	345.83	13,478.79
1992-93	180,000	204,009.40	236,677.04	15,858.66	189.05	31,718.29
1993-94	220,000	262,029.85	243,616.55	8,915.59	462.81	50,290.41
1994-95	200,000	260,802.71	243,479.39	30,194.77	1,065.79	44,262.41
1995-96	220,000	274,608.47	268,950.50	32,526.05	737.28	35,484.68
1996-97	210,000	256,011.19	279,481.35	55,236.24	863.84	28,965.55
1997-98	220,000	263,725.27	253,921.28	26,362.42	704.70	34,016.10
1998-99	230,000	277,402.22	265,151.97	30,499.32	124.28	40,633.83
1999-00	220,000	274,824.14	278,687.14	39,961.99	592.51	33,774.80
2000-01	220,000	267,126.29	270,919.13	38,317.35	570.83	32,015.15
2001-02	210,000	258,992.70	264,328.17	40,773.50	532.59	32,833.12
2002-03	190,000	240,450.90	237,490.86	38,519.29	159.50	38,370.38
2003-04	170,000	224,691.75	252,811.50	51,416.73	79.24	24,864.16
2004-05	170,000	219,049.64	247,187.00	41,043.83	53.76	17,684.36
2005-06	240,000	268,418.02	259,807.52	12,065.12	156.28	27,862.73
2006-07	240,000	278,386.20	284,328.04	20,046.64	90.80	29,374.42
2007-08	210,000	249,433.95	258,167.00	28,777.98	182.17	33,902.42
2008-09	180,000	224,028.56	250,102.62	26,634.48	778.21	28,729.17
2009-10	170,000	210,117.25	237,846.31	35,129.38	236.31	20,695.69
2010-11	170,000	201,220.31	227,657.15	33,084.38	167.70	21,657.47
2011-12	210,000	242,181.86	237,028.57	19,685.04	166.96	44,143.15
2012-13	200,000	254,314.47	242,913.84	5,979.45	268.13	42,864.86
2013-14	180,000	233,389.45	240,552.41	3,779.32	377.39	36,753.33
2014-15	150,000	197,280.18 ^{2/}	208,339.16	12,319.13	419.84 ^{2/}	35,226.32
2015-16	150,000	195,752.95	182,826.49	6,909.20	284.47	39,299.44
2016-17	150,000	199,994.06	197,243.28	7,526.21	285.56	34,893.57
2017-18	150,000	195,420.20	209,499.70	12,520.95	144.60	29,648.97
2018-19	150,000	189,434.81	190,156.12	10,747.45	298.63	34,603.48
2019-20	150,000	194,608.18	192,583.66	12,911.67	640.76	36,743.32
2020-21	150,000	197,339.52	207,821.52	10,776.45	176.41	25,117.46
2021-22	150,000	185,717.47 ^{2/}	186,184.04	9,177.33	147.97	26,289.74
2022-23	150,000	186,826.71	168,360.09	4,373.57	144.84	32,956.25
Average ^{1/}	189,336	229,799	234,366	25,130	330	29,617
10-Year Avg.	161,667	205,652	207,013	9,725	271	33,861
5-Year Avg.	150,000	193,137	191,834	9,719	265	32,444

^{1/} Average based on 50 years from 1973-74 through 2022-23.

^{2/} Revised Production Rights, Lost Carryover and/or production after publication of Annual Report.

Note: The minimum and maximum values are bolded.

APPENDIX H
HISTORY OF ANNUAL PRODUCTION (ACRE-FEET)

Producer Name	2018-19	2019-20	2020-21	2021-22	2022-23
9447 San Gabriel Canyon LLC	5.37	5.95	7.41	10.46	9.94
Alhambra, City of ^{1/}	6,432.29	6,423.31	6,858.23	6,328.74	5,649.48
Amarillo Mutual Water Co.	319.96	144.38	27.37	0.09	6.43
Arcadia, City of	10,773.86	11,571.91	12,127.02	11,480.48	9,245.43
Arcadia Reclamation	59.71	56.00	65.18	31.72	29.76
Azusa, City of	6,620.23	6,897.78	7,402.92	7,101.72	6,052.02
Azusa Valley Water Co.	11,109.34	10,899.67	11,222.38	10,879.58	9,464.04
Banks, Gale & Vicki	27.35	26.65	32.89	29.75	22.34
California-American Water Co. (Duarte)	5,583.86	6,063.45	6,210.47	5,736.66	4,748.04
California-American Water Co. (San Marino)	6,767.46	6,537.32	8,349.90	8,435.97	6,443.48
California Country Club	0.00	0.00	0.00	0.00	0.00
California Domestic Water Co.	19,722.22	20,795.06	23,022.19	22,936.53	19,584.05
Carrier Corporation	0.84	0.00	0.00	0.00	0.00
Citrus Valley Medical Center, Queen of the Valley Campus	0.00	0.00	0.00	0.00	0.00
Coiner, James W., dba Coiner Nursery	0.00	--	--	--	--
County Sanitation District No. 18	55.68	11.19	10.37	9.87	9.60
Covina Irrigating Co.	3,814.66	5,131.19	5,816.66	4,282.94	6,275.32
DeFalco, John & Carole	0.00	0.00	0.00	0.00	0.00
Del Rio Mutual Water Co.	97.00	98.00	97.00	93.00	81.00
East Pasadena Water Co., Ltd. ^{2/}	1,648.38	1,649.21	1,747.28	--	--
El Monte, City of	2,282.02	2,223.11	2,251.70	1,994.85	1,790.61
Gates, James Richard	0.65	0.85	0.63	0.60	0.36
Glendora, City of	9,383.80	10,055.85	10,704.49	8,646.34	7,705.89
Golden State Water Company (San Dimas District)	1,415.97	736.75	1,807.71	2,408.40	1,316.41
Golden State Water Company (San Gabriel Valley District)	5,108.79	5,325.70	5,594.81	4,889.57	4,637.32
Gould Electronics Inc. and Johnson Controls Inc.	528.37	34.48	75.05	54.33	22.10

Producer Name	2018-19	2019-20	2020-21	2021-22	2022-23
Hanson Aggregates West, Inc.	167.30	196.68	176.97	176.08	145.45
Hemlock Mutual Water Co.	68.62	63.73	66.28	68.18	61.81
Hermetic Seal Corporation	51.55	50.68	44.95	44.70	37.97
IBY Property Owner, LLC	--	--	0.50	30.25	11.75
Industry Waterworks System, City of	1,158.60	1,344.59	1,328.23	1,254.64	1,106.34
La Puente Valley County Water District	1,645.57	1,491.63	1,636.48	1,651.13	1,533.26
Los Angeles, County of	4,314.41	4,206.72	4,063.95	3,160.73	2,563.91
Molson Coors USA, LLC	488.24	781.95	75.81	--	--
Monrovia, City of	6,825.43	6,894.52	7,313.51	6,777.25	5,699.21
Monterey Park, City of	7,320.96	7,461.00	7,594.45	7,087.06	5,590.83
Moon Valley Nursery of California, Inc.	72.72	93.94	86.68	38.08	57.55
Munoz, Ralph	2.13	1.36	1.14	1.20	0.70
Progressive Buddhist Association	0.99	0.54	1.08	0.56	0.37
Puente Basin Water Agency	1,481.04	1,111.64	1,104.88	594.48	1,389.89
Rowland Water District	17.54	0.00	0.00	0.00	0.00
Rurban Homes Mutual Water Co.	75.24	--	--	--	--
San Gabriel Country Club	232.07	235.19	282.17	218.83	221.35
San Gabriel County Water District	4,386.27	4,264.89	4,503.65	4,261.71	3,650.25
San Gabriel Valley Water Co.	29,377.73	30,516.44	32,606.65	28,959.32	26,551.84
Sierra La Verne Country Club	0.00	0.00	0.00	0.00	0.00
Sierra Madre, City of	0.00	0.00	0.00	0.00	0.00
S. L. S. & N. Inc.	26.75	24.88	29.34	29.11	28.72
SOL Long Term LLC	0.00	0.00	0.00	0.00	0.00
Sonoco Products Co.	101.50	92.95	85.48	77.55	78.51
Southern California Edison Co.	0.02	0.16	0.46	30.68	0.03
South Pasadena, City of	1,949.73	3,358.46	3,582.71	3,178.90	2,781.02
Sterling Mutual Water Co.	80.66	89.11	104.28	97.79	78.93
Suburban Water Systems	25,012.44	23,087.96	26,518.96	20,260.03	22,422.87
Sunny Slope Water Co.	2,436.96	2,375.30	2,611.14	2,290.68	1,864.11
Tran, Hieu	3.76	4.99	3.21	4.99	4.55
United Rock Products Corp.	500.72	500.25	471.09	567.52	617.15
Valencia Heights Water Co.	647.86	538.26	930.04	771.96	378.69
Valley County Water District	6,723.61	6,845.24	7,144.05	6,443.26	5,628.54
Valley View Mutual Water Co.	500.94	552.23	606.71	561.50	487.71
Vulcan Materials Co.	588.68	496.12	605.74	1,050.71	903.07
Whittier, City of	2,156.28	1,233.76	821.39	1,143.56	1,370.09
Workman Mill Investment Co.	0.00	0.00	0.00	0.00	0.00
TOTALS	190,174.13	192,602.98	207,833.64	186,184.04	168,360.09

^{1/} The City of Alhambra's production is computed in accordance with the Cooperative Water Exchange Agreement. See Page I-4.

^{2/} Formerly East Pasadena's Wells 9 and 11. East Pasadena sold to California American Water Company - San Marino on 9/21/21.

21-22 First quarter production for California American San Marino reflects East Pasadena production through 9/21/21.

APPENDIX I

SUMMARY OF REPLACEMENT WATER REQUIREMENT AND CARRYOVER RIGHTS

REPLACEMENT WATER REQUIREMENT OF THE CITY OF ALHAMBRA

ANNUAL SUMMARY OF REPLACEMENT WATER REQUIREMENT

APPENDIX I

**SUMMARY OF REPLACEMENT WATER REQUIREMENT
AND CARRYOVER RIGHTS FOR FISCAL YEAR 2022-23 (ACRE-FEET)**

Producer Name	Carryover To 2022-23	Fiscal Year 2022-23				
		Production Right	Production	Replacement Water Required	Lost Carry-Over	Carryover To 2023-24
9447 San Gabriel Canyon LLC	1.07	1.07 ^{1/}	9.94	8.87	0.00	0.00
Alhambra, City of	0.00	6,688.14	5,649.48	694.11 ^{2/}	0.00	0.00
Amarillo Mutual Water Co.	443.35	481.46	6.43	0.00	0.00	475.03
Andrade, Susan	0.00	0.00	0.00	0.00	0.00	0.00
Arcadia, City of	0.00	6,346.49	9,245.43	0.00 ^{4/}	0.00	0.00
Arcadia Reclamation, Inc.	3.13	3.13 ^{1/}	29.76	26.63	0.00	0.00
Azusa, City of	0.00	3,174.71	6,052.02	2,877.31	0.00	0.00
Azusa Valley Water Co.	1,447.71	11,632.20	9,464.04	0.00	0.00	2,168.16
Baker, Kathryn W.	0.00	0.00 ^{3/}	0.00	0.00	0.00	0.00
Bank of America N..A. Trustee of the William J. Knight Living Trust UTD	0.00	0.00 ^{3/}	0.00	0.00	0.00	0.00
Banks, Gale & Vicki	9.21	32.16	22.34	0.00	0.00	9.82
Brea, City of	0.00	0.00 ^{3/}	0.00	0.00	0.00	0.00
Cadway, Inc.	0.00	0.00 ^{3/}	0.00	0.00	0.00	0.00
California-American Water Co. (Duarte)	0.00	4,455.55	4,748.04	0.00 ^{4/}	0.00	0.00
California-American Water Co. (San Marino)	0.00	7,116.47	6,443.48	0.00	0.00	672.99
California Country Club	0.00	0.00	0.00	0.00	0.00	0.00
California Domestic Water Co.	4,616.28	25,884.49	19,584.05	0.00	0.00	6,300.44
Canyon Water Company	0.00	0.77	0.00	0.00	0.00	0.77
Carrier Corporation	0.00	0.00	0.00	0.00	0.00	0.00
Chevron U.S.A.	0.00	1.52 ^{5/}	0.00	0.00	1.52	0.00
Citrus Valley Medical Center, Queen of the Valley Campus	0.00	0.00	0.00	0.00	0.00	0.00
County Sanitation District No. 18	0.63	4.05 ^{1/}	9.60	5.55	0.00	0.00
Covina, City of	0.00	0.00 ^{3/}	0.00	0.00	0.00	0.00
Covina Irrigating Co.	4,809.74	12,778.21	6,275.32	0.00	0.00	6,502.89
Crevolin, A. J.	0.00	1.71 ^{5/}	0.00	0.00	1.71	0.00
Dawes, Mary Kay	0.00	0.00 ^{3/}	0.00	0.00	0.00	0.00
DeFalco, John and Carole	1.49	2.98	0.00	0.00	1.49	1.49
Del Rio Mutual Water Co.	10.42	101.46	81.00	0.00	0.00	20.46
El Monte, City of	118.47	2,231.79	1,790.61	0.00	0.00	441.18
El Monte Cemetery Assn.	0.00	0.00 ^{3/}	0.00	0.00	0.00	0.00
Fox Family Trust, Michael Edward Fox and Crystal Marie Fox, Trustees	0.00	0.00 ^{3/}	0.00	0.00	0.00	0.00
Garnier, A. and A., Family Trust	0.00	0.00 ^{3/}	0.00	0.00	0.00	0.00
Gates, James Richard	0.00	0.00	0.36 ^{5/}	0.00	0.00	0.00
Glendora, City of	0.00	7,358.26	7,705.89	185.98 ^{4/}	0.00	0.00

Producer Name	Carryover To 2022-23	Fiscal Year 2022-23					Carryover To 2023-24
		Production Right	Production	Replacement Water Required	Lost Carry-Over		
Golden State Water Company (San Dimas District)	2,113.17	4,422.93	1,316.41	0.00	0.00	3,106.52	
Golden State Water Company (San Gabriel Valley District)	119.14	4,911.41	4,637.32	0.00	0.00	274.09	
Gould Electronics Inc. and Johnson Controls Inc.	0.00	0.00	22.10	0.00 ^{6/}	0.00	0.00	
Green, Walter	0.00	0.00 ^{3/}	0.00	0.00	0.00	0.00	
Hansen, Alice	0.00	0.57 ^{5/}	0.00	0.00	0.57	0.00	
Hanson Aggregates West, Inc.	51.10	207.51	145.45	0.00	0.00	62.06	
Heinrich, Carolyn	0.00	0.00	0.00	0.00	0.00	0.00	
Heinrich Trust, Carolyn R.	0.00	0.00 ^{3/}	0.00	0.00	0.00	0.00	
Hemlock Mutual Water Co.	2.22	48.21 ^{1/}	61.81	13.60	0.00	0.00	
Hermetic Seal Corporation	0.00	0.00	37.97	0.00 ^{7/}	0.00	0.00	
IBY Property Owner, LLC	1,770.46	1,812.46	11.75	0.00	0.00	1,800.71	
Industry Waterworks System, City of	78.59	1,180.74	1,106.34	0.00	0.00	74.40	
Irwindale, City of	0.00	0.00 ^{3/}	0.00	0.00	0.00	0.00	
JUH#1	0.00	32.00	0.00	0.00	0.00	32.00	
Kirklen, Jeffrey B.	0.00	0.00 ^{3/}	0.00	0.00	0.00	0.00	
Landeros, John	0.00	0.57 ^{5/}	0.00	0.00	0.57	0.00	
La Puente Valley County Water District	0.00	1,587.24	1,533.26	0.00	0.00	53.98	
Los Angeles, County of	705.86	2,746.24	2,563.91 ^{8/}	0.00	0.00	720.55	
Loucks, David	0.00	2.28 ^{5/}	0.00	0.00	2.28	0.00	
Maggiore Family Trust, The	0.00	0.00 ^{3/}	0.00	0.00	0.00	0.00	
Martinez, Frances Mercy	0.00	0.57 ^{5/}	0.00	0.00	0.57	0.00	
McIntyre, William	0.00	22.01	0.00	0.00	0.00	22.01	
Metropolitan Water District	0.00	0.00 ^{3/}	0.00	0.00	0.00	0.00	
Monrovia, City of	0.00	5,940.08	5,699.21	0.00	0.00	240.87	
Monterey Park, City of	0.00	5,088.24	5,590.83	502.59	0.00	0.00	
Moon Valley Nursery of California, Inc.	3.25	3.25 ^{1/}	57.55	54.30	0.00	0.00	
Munoz, Ralph	0.00	0.00	0.70 ^{5/}	0.00	0.00	0.00	
NCL Co, LLC	0.00	0.75	0.00	0.00	0.00	0.75	
Nicholson Family Trust - Marital Trust, The	0.00	0.00 ^{3/}	0.00	0.00	0.00	0.00	
Nick Tomovich and Sons	0.00	0.02 ^{5/}	0.00	0.00	0.02	0.00	
Pellissier Irrevocable QTIP Trust, et al., Co-tenancy of Laurence R.	0.00	0.00 ^{3/}	0.00	0.00	0.00	0.00	
Phillips, Alice B., et al.	0.88	1.76	0.00	0.00	0.88	0.88	
Pico County Water District	0.57	1.14	0.00	0.00	0.57	0.57	
Progressive Buddhist Association	0.05	0.05 ^{1/}	0.37 ^{5/}	0.32	0.00	0.00	
Puente Basin Water Agency	0.00	0.00	1,389.89	0.00 ^{4/}	0.00	0.00	
Rados Brothers	0.00	0.00 ^{3/}	0.00	0.00	0.00	0.00	
Rana, Jeanne, Living Trust	0.00	0.00 ^{3/}	0.00	0.00	0.00	0.00	
Rosedale, Lucy. A & Harry Edwin III, Trustees of the Harry E. Rosedale Trust	0.00	0.00 ^{3/}	0.00	0.00	0.00	0.00	
Rosemead Development, Ltd.	0.00	0.77 ^{5/}	0.00	0.00	0.77	0.00	
Rowland Water District	0.00	0.00	0.00	0.00	0.00	0.00	
Ruth, Roy	0.00	0.57 ^{5/}	0.00	0.00	0.57	0.00	

Producer Name	Carryover To 2022-23	Fiscal Year 2022-23				
		Production Right	Production	Replacement Water Required	Lost Carry-Over	Carryover To 2023-24
San Gabriel Country Club	5.47	222.61	221.35	0.00	0.00	1.26
San Gabriel County Water District	564.64	4,659.93	3,650.25	0.00	0.00	1,009.68
San Gabriel Valley Water Co.	0.00	20,390.53	26,551.84	0.00 ^{4/}	0.00	0.00
Sierra Madre, City of	0.00	0.00	0.00	0.00	0.00	0.00
S.L.S. & N. Inc.	0.00	0.00	28.72	4.31 ^{9/}	0.00	0.00
SOL Long Term LLC	0.00	0.00	0.00	0.00	0.00	0.00
Sonoco Products Company	0.00	85.49	78.51	0.00	0.00	6.98
Southern California Edison Co.	130.35	260.70	0.03	0.00	130.32	130.35
South Pasadena, City of	711.13	3,418.93	2,781.02	0.00	0.00	637.91
Sterling Mutual Water Co.	0.00	91.08	78.93	0.00	0.00	12.15
Suburban Water Systems	2,133.41	24,033.38	22,422.87	0.00	0.00	1,610.51
Sunny Slope Water Co.	0.00	1,691.55	1,864.11	0.00 ^{4/}	0.00	0.00
Tate, Phillip G. & Sieglinde A.	0.00	0.00 ^{3/}	0.00	0.00	0.00	0.00
Tran, Hieu	0.00	0.00	4.55 ^{5/}	0.00	0.00	0.00
Tyler Nursery	0.00	2.43 ^{5/}	0.00	0.00	2.43	0.00
United Rock Products Corp.	0.00	348.80	617.15	0.00 ^{4/}	0.00	0.00
Valencia Heights Water Co.	0.00	805.28	378.69	0.00	0.00	426.59
Valley County Water District	79.50	5,802.26	5,628.54	0.00	0.00	173.72
Valley View Mutual Water Co.	0.00	467.54	487.71	0.00 ^{4/}	0.00	0.00
Vulcan Materials Co.	0.00	1,323.46	903.07	0.00	0.00	420.39
Whittier, City of	6,277.79	6,855.58	1,370.09	0.00	0.00	5,485.49
Wilmott, Erma	0.00	0.57 ^{5/}	0.00	0.00	0.57	0.00
Workman Mill Investment Co.	91.01	58.60	0.00	0.00	0.00	58.60
TOTAL:	26,300.09	186,826.71	168,360.09	4,373.57	144.84	32,956.25

^{1/} Includes prior years' Replacement Water credit.

^{2/} Computed in accordance with the Cooperative Water Exchange Agreement. See I-4.

^{3/} Transferred all production rights.

^{4/} Includes Producer Cyclic Storage Water.

^{5/} Minimal producer.

^{6/} 22.10 AF not subject to assessment.

^{7/} 37.97 AF not subject to assessment.

^{8/} 538.22 AF not subject to assessment.

^{9/} Overlying Right. Replacement Water is 15 percent of total production.

**REPLACEMENT WATER REQUIREMENT OF THE CITY OF ALHAMBRA,
FISCAL YEAR 2022-23 IN ACCORDANCE WITH PARAGRAPH 19 OF THE COOPERATIVE
WATER EXCHANGE AGREEMENT MAIN SAN GABRIEL BASIN DATED MARCH 24, 1975**

	<u>(Acre-feet)</u>
Total Quantity of Groundwater Produced	5,649.48
Total Quantity of Water Delivered Through USG-5	<u>2,768.00</u>
Total Annual Production	8,417.48
Less: 37.4% of Quantity Through USG-5	1,035.23
Less: Share of Operating Safe Yield	6,688.14
Less: Cyclic Storage Balance	<u>0.00</u>
Replacement Water Requirement for Fiscal Year 2022-23	694.11
Carryover Rights to Fiscal Year 2023-24	0.0

APPENDIX I

SUMMARY OF ANNUAL REPLACEMENT WATER REQUIREMENT (ACRE-FEET)

Fiscal Year	Replacement Water Requirement				Producer Cyclic Storage	Total Basin Over Production
	Upper San Gabriel Valley Municipal Water District	San Gabriel Valley Municipal Water District	Three Valleys Municipal Water District	Total		
1973-74	13,731.88	787.10	--	14,518.98	0.00	14,518.98
1974-75	7,119.03	1,302.90	--	8,421.93	0.00	8,421.93
1975-76	20,929.93	3,814.95	--	24,744.88	0.00	24,744.88
1976-77	39,730.07	6,758.08	--	46,488.15	0.00	46,488.15
1977-78	32,836.68	4,112.25	--	36,948.93	0.00	36,948.93
1978-79	31,662.69	2,803.98	--	34,466.67	0.00	34,466.67
1979-80	9,730.00	190.24	--	9,920.24	0.00	9,920.24
1980-81	9,345.96	81.84	--	9,427.80	0.00	9,427.80
1981-82	10,187.66	0.00	--	10,187.66	0.00	10,187.66
1982-83	3,444.55	3,088.68	--	6,533.23	0.00	6,533.23
1983-84	1,907.10	244.75	--	2,151.85	1,573.60	3,725.45
1984-85	4,343.64	8,370.53	--	12,714.17	0.00	12,714.17
1985-86	28,426.92	4,368.59	--	32,795.51	0.00	32,795.51
1986-87	34,297.28	8,018.48	--	42,315.76	0.00	42,315.76
1987-88	42,806.89	9,164.29	--	51,971.18	0.00	51,971.18
1988-89	48,908.58	11,296.63	--	60,205.21	0.00	60,205.21
1989-90	48,120.86	12,783.96	--	60,904.82	0.00	60,904.82
1990-91	30,815.02	10,475.38	0.00	41,290.40	13,112.70	54,403.10
1991-92	19,766.29	11,418.17	0.00	31,184.46	35,916.90	67,101.36
1992-93	7,560.26	8,250.46	0.00	15,810.72	50,031.39	65,842.11
1993-94	3,224.10	5,691.49	0.00	8,915.59	25,422.42	34,338.01
1994-95	18,648.68	11,338.42	0.00	29,987.10	0.00	29,987.10
1995-96	20,853.94	11,672.11	0.00	32,526.05	0.00	32,526.05
1996-97	38,870.11	14,061.60	2,304.53	55,236.24	0.00	55,236.24
1997-98	17,274.86	6,158.61	3,476.70	26,910.17	4,331.64	31,241.81
1998-99	16,959.69	9,286.01	4,253.62	30,499.32	2,859.66	33,358.98
1999-00	20,676.29	13,702.07	5,583.63	39,961.99	3,663.84	43,625.83
2000-01	22,444.18	10,929.17	4,944.00	38,317.35	2,825.02	41,142.37
2001-02	33,611.04	3,938.39	3,224.07	40,773.50	6,450.10	47,223.60
2002-03	36,359.28	672.60	1,487.41	38,519.29	5,948.75	44,468.04
2003-04	48,106.03	500.66	3,428.99	52,035.68	8,870.23	60,905.91
2004-05	40,701.25	0.00	342.58	41,043.83	18,736.93	59,780.76
2005-06	10,510.21	573.59	981.32	12,065.12	6,908.92	18,974.04
2006-07	18,974.53	0.00	1,072.11	20,046.64	7,309.89	27,356.53
2007-08	25,010.62	880.49	2,886.87	28,777.98	9,157.53	37,935.51
2008-09	24,554.11	1,886.58	32.55	26,473.24	30,239.02	56,712.26
2009-10	20,364.85	14,655.86	108.67	35,129.38	14,899.25	50,028.63
2010-11	6,257.20	24,636.20	2,190.98	33,084.38	15,382.66	48,467.04
2011-12	2,999.40	16,269.22	63.30	19,331.92	20,704.45	40,036.37
2012-13	3,000.00	2,734.03	361.96	6,095.99	23,673.25	29,769.24
2013-14	2,983.90	802.72	0.00	3,786.62	36,325.98	40,112.60
2014-15	2,711.70	9,607.43	0.00	12,319.13	33,508.84	45,827.97
2015-16	2,486.50	4,422.70	0.00	6,909.20	19,510.99	26,420.19
2016-17	2,876.47	4,649.74	0.00	7,526.21	24,009.59	31,535.80
2017-18	2,987.20	9,970.92	0.00	12,958.12	27,409.98	40,368.10
2018-19	2,943.90	10,187.68	0.00	13,131.58	24,101.15	37,232.73
2019-20	2,983.20	11,068.86	0.00	14,052.06	21,913.85	35,965.91
2020-21	2,986.40	8,810.88	0.00	11,797.28	23,887.81	35,685.09
2021-22	2,992.00	7,476.32	0.00	10,468.32	17,992.54	28,460.86
2022-23	2,768.00	4,110.90	0.00	6,878.90	9,975.47	16,854.37

TOTALS	903,790.93	328,026.51	36,743.29	1,268,560.73	546,654.35	1,815,215.08
50-YEAR AVERAGE	18,075.82	6,560.53	1,113.43	25,371.21	10,933.09	36,304.30
5-YEAR AVERAGE	2,934.70	8,330.93	0.00	11,265.63	19,574.16	30,839.79
10-YEAR AVERAGE	2,871.93	7,110.82	0.00	9,982.74	23,863.62	33,846.36

Note: The minimum and maximum values are bolded.

APPENDIX J

INTERVENTIONS AFTER JUDGMENT

APPENDIX J
INTERVENTIONS AFTER JUDGMENT
DURING FISCAL YEAR 2022-23

INTERVENOR	TYPE OF TRANSACTION	EFFECTIVE DATE OF ORDER OF INTERVENTION
Carolyn R. Heinrich Trust	Intervention in the permanent transfer of water rights.	June 29, 2023

APPENDIX K

TRANSFERS OF ADJUDICATED RIGHTS

APPENDIX K
TRANSFERS OF ADJUDICATED RIGHTS
2022-23

	Transaction					
		Date of lease expir.	Amount			
			Prescrip. pumping right (acre-feet)	Pumper's share (percent)	Production right (acre-feet)	
			Transferor	Date	Transferee	

PERMANENT TRANSFERS

Susan Andrade	02/14/23	Perm.	8.36	0.00423	6.35	San Gabriel Valley Water Company
Carolyn Heinrich	05/04/23	Perm.	25.08	0.01269	19.04	Carolyn R. Heinrich Trust

TEMPORARY TRANSFERS

Jeffery Kirklen	09/12/13	06/30/28	111.96	0.05665	84.98	California Domestic Water Company
The Maggiore Family Trust	1/ 07/07/15	06/30/25	145.83	0.07379	110.69	Golden State Water Company - San Gabriel
Fox Family Trust Michael Edward and Crystal Marie Fox, Trustees	06/25/20	06/30/25	145.83	0.07378	110.67	California Domestic Water Company
El Monte Cemetery Association	08/13/20	06/30/23	18.50	0.00936	14.04	California American Water Company - Duarte
Hemlock Mutual Water Company	04/18/22	06/30/23	--	--	80.00	California Domestic Water Company
Mary Kay Dawes (Partridge)	05/23/22	06/30/23	--	--	335.39	La Puente Valley County Water District
Vulcan Materials Company	07/11/22	06/30/23	--	--	36.89	City of Azusa
Nicholson Family Trust - Marital Trust	10/04/22	06/30/23	--	--	23.54	San Gabriel Valley Water Company
Rana, Jeanne, Living Trust	10/10/22	06/30/23	--	--	19.04	San Gabriel Valley Water Company
Rados Brothers	10/11/22	06/30/23	--	--	32.64	San Gabriel Valley Water Company
Baker Trust, Kathryn W.	10/18/22	06/30/23	--	--	140.79	San Gabriel Valley Water Company
Lucy A. Rosedale and Harry E. Rosedale III, Trustees of the Harry E. Rosedale Jr. Trust	11/28/22	06/30/23	--	--	168.00	Canyon Water Company
Anton & Anita Garnier Family Trust	11/28/22	06/30/23	--	--	162.65	San Gabriel Valley Water Company
William Knight Living Trust	01/03/23	06/30/23	--	--	172.95	California Domestic Water Company

	Transaction					
		Date of lease expir.	Amount			
			Prescrip. pumping right (acre-feet)	Pumper's share (percent)	Production right (acre-feet)	
Transferor	Date					Transferee
Co-Tenancy of Laurence R. Pellissier Irrevocable Trust, et al	01/03/23	06/30/23	--	--	4,925.76	California Domestic Water Company
Cadway, Inc.	01/03/23	06/30/23	--	--	488.18	California Domestic Water Company
Covina Irrigating Company	03/21/23	06/30/23	--	--	447.00	Canyon Water Company
City of Brea	03/27/23	06/30/23	1,502.72	0.76035	1140.53	California Domestic Water Company
IBY Property Owner, LLC	03/27/23	06/30/23	--	--	875.00	2/ California Domestic Water Company
Walter Green	04/04/23	06/30/23	--	--	36.29	California Domestic Water Company
Canyon Water Company	04/05/23	06/30/23	--	--	615.00	La Puente Valley County Water District
City of Covina	04/19/23	06/30/23	--	--	359.69	Covina Irrigating Company
City of Whittier	05/02/23	06/30/23	--	--	3,000.00	Suburban Water System
Workman Mill Investment Company	05/10/23	06/30/23	--	--	1,350.00	3/ San Gabriel Valley Water Company
Covina Irrigating Company	05/15/23	06/30/23	--	--	1,500.00	California Domestic Water Company
Covina Irrigating Company	05/15/23	06/30/23	--	--	1,200.00	Valley County Water District
Amarillo Mutual Water Company	05/15/23	06/30/23	--	--	500.00	San Gabriel Valley Water Company
Carolyn R. Heinrich Trusted Dated January 23, 2023	05/17/23	06/30/23	--	--	19.04	San Gabriel Valley Water Company
City of Whittier	05/16/23	06/30/23	--	--	2,700.00	Covina Irrigating Company
La Puente Valley County Water District	05/16/23	06/30/23	--	--	265.00	City of Industry Waterworks System
City of Irwindale	05/18/23	06/30/23	--	--	285.38	San Gabriel Valley Water Company
Azusa Valley Water Company	05/23/23	06/30/23	--	--	1,000.00	San Gabriel Valley Water Company
IBY Property Owner, LLC	05/23/23	06/30/23	--	--	368.00	4/ Azusa Valley Water Company
IBY Property Owner, LLC	05/23/23	06/30/23	--	--	307.00	5/ California Domestic Water Company

	Transaction					
		Date of lease expir.	Amount			
			Prescrip. pumping right (acre-feet)	Pumper's share (percent)	Production right (acre-feet)	
Transferor	Date					Transferee
Azusa Valley Water Company	05/23/23	06/30/23	--	--	200.00	City of Monrovia
Tate Family Trust	05/30/23	06/30/23	--	--	43.89	La Puente Valley County Water District
Gale & Vicki Banks	05/30/23	06/30/23	--	--	15.00	San Gabriel Valley Water Company
IBY Property Owner, LLC	06/08/23	06/30/23	--	--	208.71	6/ California Domestic Water Company
Golden State Water Company San Dimas	06/15/23	06/30/23	--	--	300.00	7/ Golden State Water Company San Gabriel
Del Rio Mutual Water Company	06/15/23	06/30/23	--	--	60.00	California Domestic Water Company
County of Los Angeles	06/15/23	06/30/23	--	--	1,094.00	San Gabriel Valley Water Company
Golden State Water Company San Dimas	06/21/23	06/30/23	--	--	500.00	8/ Covina Irrigating Company
Metropolitan Water District of Southern California	06/22/23	06/30/23	--	--	134.83	9/ California Domestic Water Company
Hanson Aggregates West, Inc	06/27/23	06/30/23	--	--	1,600.00	California Domestic Water Company
Sonoco Products Company	06/27/23	06/30/23	--	--	151.00	California Domestic Water Company

Notes:

1/ Valarie D. Maggiore sold all its water rights to The Maggiore Family Trust. However, the long-term lease between Valarie D. Maggiore and Golden State Water Company - San Gabriel District will continue between The Maggiore Family Trust and Golden State Water Company - San Gabriel District until June 30, 2025.

2/ Includes 875 AF of carryover rights.

3/ Includes 91.01 AF of carryover rights.

4/ Includes 368 AF of carryover rights.

5/ Includes 307 AF of carryover rights.

6/ Includes 208.71 AF of carryover rights.

7/ Includes 300 AF of carryover rights.

8/ Includes 500 AF of carryover rights.

9/ Includes Base Annual Diversion Right of 9.59 AF.

APPENDIX L

**BASE ANNUAL DIVERSION RIGHTS
OF CERTAIN DIVERTERS (EXHIBIT “C”)**

**RIGHTS AND PUMPER’S SHARE
OF EACH PUMPER (EXHIBIT “D”)**

**PRODUCTION RIGHT OF EACH
INTEGRATED PRODUCER (EXHIBIT “E”)**

**CONSUMPTIVE USE
PORTIONS OF PRODUCERS WITH
OVERLYING RIGHTS (EXHIBIT “K”)**

APPENDIX L
EXHIBIT “C” OF JUDGMENT TABLE SHOWING BASE ANNUAL DIVERSION RIGHTS
OF CERTAIN DIVERTERS AS OF JUNE 30, 2023

DIVERTER	BASE ANNUAL DIVERSION RIGHT (ACRE-FEET)
Aqua Capital Management LP¹	
(Successor to Covell, Ralph) ²	2.12
(Transferred to California Domestic Water Company) ²	<u>-2.12</u>
	0.00
California Domestic Water Company	
(Successor to Aqua Capital Management LP) ²	2.12
(Transferred to Covina Irrigating Company) ²	<u>-2.12</u>
	0.00
Covell, Ralph	2.12
(Successor to Rittenhouse, Catherine and Rittenhouse, James) ³	
(Transferred to Aqua Capital Management LP) ²	<u>-2.12</u>
	0.00
Maddock, A. G.	3.40
(Transferred to San Gabriel Valley Water Company) ²	<u>-3.40</u>
	0.00
Rittenhouse, Catherine	0.00
(Transferred to Covell, Ralph) ³	
Rittenhouse, James	0.00
(Transferred to Covell, Ralph) ³	
Ruebhausen, Arline	18.34
(Held in common with Ruebhausen, Victor)	
(Transferred to City of Glendora) ²	<u>-18.34</u>
	0.00
Ruebhausen, Victor	--
(See Reubhausen, Arline)	
San Gabriel Valley Water Company	
(Successor to Maddock, A.G.) ²	3.40
TOTAL	<u>3.40</u>

APPENDIX L

**EXHIBIT “D” OF JUDGMENT TABLE SHOWING RIGHTS
AND PUMPER’S SHARE OF EACH PUMPERAS OF JUNE 30, 2023**

PUMPER	PRESCRIPTIVE PUMPING RIGHT ACRE-FEET	PUMPER’S SHARE %
6W Farms, Inc.	1,217.40	0.61599
(Formerly Woodland Farms, Inc.)		
(Transferred to:		
Miller Brewing Company	-919.50	-0.46526
Richard J. Woodland) ²	<u>-297.90</u>	<u>-0.15073</u>
	0.00	0.00000
9447 San Gabriel Canyon LLC¹	0.00	0.00000
Adams Ranch Mutual Water Company	100.00	0.05060
(Transferred to California American Water Co. - San Marino System) ²	<u>-100.00</u>	<u>-0.05060</u>
	0.00	0.00000
A & E Plastik Pak Co., Inc.	0.00	0.00000
(Transferred to Industry Properties, Ltd.) ³		
Alhambra, City of	8,812.05	4.45876
Amarillo Mutual Water Company	709.00	0.35874
American Sheds, Inc.¹		
(Successor to Southwestern Portland Cement Company) ²	742.00	0.37544
(Transferred to USA Waste of California, Inc.) ²	<u>-742.00</u>	<u>-0.37544</u>
	0.00	0.00000
Anchor Plating Co., Inc.¹		
(Successor to Bodger & Sons, DBA Bodger Seeds Ltd.) ²	10.00	0.00506
(Transferred to Crown City Plating Co.) ²	<u>-10.00</u>	<u>-0.00506</u>
	0.00	0.00000
Anderson Family Marital Trust¹		
(Successor to Anderson, Ray L. and Helen T.) ²	50.16	0.02538
(Transferred to:		
Brondino, Jeanne	-25.08	-0.01269
Heinrich, Carolyn) ²	<u>-25.08</u>	<u>-0.01269</u>
	0.00	0.00000
Anderson, Ray¹		
(Successor to Covina Valley Unified School District) ²	50.16	0.02538
(Transferred to Anderson, Ray L. and Helen T.) ²	<u>-50.16</u>	<u>-0.02538</u>
	0.00	0.00000
Anderson, Ray L. and Helen T.¹		
(Successor to Anderson, Ray) ²	50.16	0.02538
(Transferred to Anderson Family Marital Trust) ²	<u>-50.16</u>	<u>-0.02538</u>
	0.00	0.00000

PUMPER	PRESCRIPTIVE PUMPING RIGHT ACRE-FEET	PUMPER'S SHARE %
Andrade, Macario and Consuelo; and Andrade, Robert and Jayne ¹		
(Successor to J. F. Isbell Estate, Inc.) ²	8.36	0.00423
(Transferred to Susan Andrade) ²	<u>-8.36</u>	<u>-0.00423</u>
	0.00	0.00000
Andrade, Susan ¹		
(Successor to Andrade, Macario and Consuelo; and Andrade, Robert and Jayne) ²	8.36	0.00423
(Transferred to San Gabriel Valley Water Company) ²	<u>-8.36</u>	<u>-0.00423</u>
	0.00	0.00000
Aqua Capital Management LP ¹		
(Successor to:		
Covell et al.	16.19	0.00820
Azusa Associates, LLC	18.51	0.00937
USA Waste of California, Inc.	742.00	0.37544
Richard Woodland) ²	297.90	0.15073
(Transferred to:		
California Domestic Water Company) ²	<u>-1074.60</u>	<u>-0.54374</u>
	0.00	0.00000
Arcadia, City of	9,252.00	4.68137
(Successor to First National Finance Corporation) ²	60.90	0.03081
(Transferred to City of Monrovia) ²	<u>-951.00</u>	<u>-0.48119</u>
	8,361.90	4.23099
Arcadia Reclamation, Inc. ¹	0.00	0.00000
Associated Southern Investment Company	16.50	0.00335
(Transferred to Southern California Edison Company) ²	<u>-16.50</u>	<u>-0.00335</u>
	0.00	0.00000
AZ-Two, Inc. ¹	--	--
(See Southdown, Inc.)		
Azusa Associates, LLC ¹		
(Successor to Snyder, Esther) ²	18.51	0.00937
(Transferred to Aqua Capital Management LP) ²	<u>-18.51</u>	<u>-0.00937</u>
	0.00	0.00000
Azusa-Western Inc.	742.00	0.37544
(Transferred to Southwestern Portland Cement Co.) ²	<u>-742.00</u>	<u>-0.37544</u>
	0.00	0.00000
Bahnsen & Beckman Ind., Inc.	840.50	0.42528
(Transferred to Woodland, Richard) ²	<u>-840.50</u>	<u>-0.42528</u>
	0.00	0.00000
Bahnsen, Betty M.	441.90	0.22359
(Transferred to Dawes, Mary Kay) ²	<u>-441.90</u>	<u>-0.22359</u>
	0.00	0.00000

PUMPER	PRESCRIPTIVE PUMPING RIGHT ACRE-FEET	PUMPER'S SHARE %
Baker Trust, The Kathryn W.¹ (Successor to Lovelady, June G., Trustee) ²	<u>185.50</u> 185.50	<u>0.09386</u> 0.09386
Baldwin Park County Water District (See Valley County Water District)	--	--
Bandel Family Trust¹ (Successor to Garnier, Camille A, Deceased, Estate of) ² (Transferred to San Gabriel Valley Water Company) ²	16.70 <u>-16.70</u> 0.00	0.00845 <u>-0.00845</u> 0.00000
Banks, Gale C. and Vicki Lynn¹ (Successor to Doyle, Mr. and Mrs.; and Madruga, Mr. and Mrs.) ²	<u>50.00</u> 50.00	<u>0.02530</u> 0.02530
Base Line Water Company (Transferred to Hughes Development Corporation) ²	430.20 <u>-430.20</u> 0.00	0.21767 <u>-0.21767</u> 0.00000
Beverly Acres Mutual Water Company (See Beverly Acres Mutual Water Users Association)	--	--
Beverly Acres Mutual Water Users Association (Formerly Beverly Acres Mutual Water Company) (Transferred to: San Gabriel Valley Water Company; Nicholson Trust) ²	93.00 -50.00 <u>-43.00</u> 0.00	0.04706 -0.02530 <u>-0.02176</u> 0.00000
Birenbaum, Max (Held in common with Birenbaum, Sylvia; Schneiderman, Alan; Schneiderman, Lydia; Wigodsky, Bernard; Wigodsky, Estera) (Transferred to City of Whittier) ²	6.00 <u>-6.00</u> 0.00	0.00304 <u>-0.00304</u> 0.00000
Birenbaum, Sylvia (See Birenbaum, Max)	--	--
Blue Diamond Concrete Materials Div., The Flintkote Company (Transferred to Sully-Miller Contracting Co.) ²	1,399.33 <u>-1,399.33</u> 0.00	0.70804 <u>-0.70804</u> 0.00000
Bodger & Sons DBA Bodger Seeds Ltd. (Transferred to Anchor Plating Co., Inc.) ²	10.00 <u>-10.00</u> 0.00	0.00506 <u>-0.00506</u> 0.00000
Botello Water Company	0.00	0.00000

PUMPER	PRESCRIPTIVE PUMPING RIGHT ACRE-FEET	PUMPER'S SHARE %
Brezina, Raymond W. and Susan W. Trust 2001¹	--	--
Brea, City of¹ (Successor to: California Domestic Water Company California Domestic Water Company) ²	428.12 <u>1,074.60</u> 1,502.72	0.21662 <u>0.54373</u> 0.76035
Brondino, Jeanne¹ (Successor to Anderson Family Marital Trust) ² (Transferred to Jeanne Rana Living Trust) ²	25.08 <u>-25.08</u> 0.00	0.01269 <u>-0.01269</u> 0.00000
Burbank Development Company (Transferred to Wright, Darrell A., Wright, Merle M. & Carlson, Jeanne W.) ²	50.85 <u>-50.85</u> 0.00	0.02563 <u>-0.02563</u> 0.00000
Cadway, Inc.¹ (Successor to: Corcoran, Jack S. and R. L. Corcoran, Jack S. and R. L. Corcoran, Jack S. and R. L. Corcoran, Jack S. and R. L. Garnier, Janus Sloan Ranches Corcoran, Jack S. and R.L.) ² (Transferred to: California Domestic Water Company California Domestic Water Company California Domestic Water Company) ²	100.00 100.00 273.50 30.00 203.00 129.60 243.50 <u>-243.50</u> <u>-129.60</u> <u>-63.30</u> 643.20	0.05060 0.05060 0.13839 0.01518 0.10272 0.06558 0.12320 <u>-0.12321</u> <u>-0.06558</u> <u>-0.03203</u> 0.32545
Cal Fin (Transferred to Suburban Water Systems) ²	118.10 <u>-118.10</u> 0.00	0.05976 <u>-0.05976</u> 0.00000
California-American Water Company (San Marino System) (Successor to: Adams Ranch Mutual Water Company East Pasadena Water Company) ²	7,868.70 100.00 <u>1,407.69</u> 9,376.39	3.98144 0.05060 <u>0.71227</u> 4.74431
California Country Club¹ (Formerly CCC Management)	0.00	0.00000
California Domestic Water Company (Successor to: Cantrill Mutual Water Company ³ Industry Properties, Ltd. ²	11,024.82 42.50 73.50	5.57839 0.02150 0.03719

PUMPER	PRESCRIPTIVE PUMPING RIGHT ACRE-FEET	PUMPER'S SHARE %
Modern Accent Corporation ²	256.86	0.12997
Fisher, Russell ²	19.00	0.00961
Graveline, George Wayne and Alexis June, Trust ²	216.60	0.10959
Cadway, Inc. ²	243.50	0.12321
Cadway, Inc. ²	129.60	0.06558
Cadway, Inc. ²	63.30	0.03203
United Rock Products Corporation ²	450.00	0.22769
Aqua Capital Management LP ²	1,074.60	0.54374
Covina Irrigating Company	203.12	0.10278
Polopolus, et al	22.50	0.01138
Green, Walter	23.90	0.01209
Kirklen, Jeffery	21.88	0.01107
Kirklen, Jeffery) ²	12.00	0.00607
(Transferred to:		
Brea, City of ²	-428.12	-0.21662
Brea, City of ²)	<u>-1,074.60</u>	<u>-0.54373</u>
	12,374.96	6.26154
California Materials Company	0.00	0.00000
CalMat	--	--
(Formerly Conrock Company)		
(See Vulcan Materials Company)		
Cantrill Mutual Water Company	0.00	0.00000
(Transferred to California Domestic Water Company) ³		
Canyon Water Company¹		
(Successor to McIntyre, William) ²	<u>1.00</u>	<u>0.00051</u>
	1.00	0.00051
Canyon Water & Development Corporation¹	0.00	0.00000
CCC Management¹	--	--
(See California Country Club)		
Cedar Avenue Mutual Water Company	121.10	0.06127
(Transferred to San Gabriel Valley Water Company) ²	<u>-121.10</u>	<u>-0.06127</u>
	0.00	0.00000
CEMEX California Aggregates, Inc.¹	--	--
(Formerly Southdown)		
Champion Mutual Water Company	147.68	0.07472
(Transferred to San Gabriel Valley Water Company) ²	<u>-147.68</u>	<u>-0.07472</u>
	0.00	0.00000
Chevron U.S.A.	2.00	0.00101
(Formerly Standard Oil of California)		
Chronis, Christine¹	--	--
(See Polopolus, et al.)		

PUMPER	PRESCRIPTIVE PUMPING RIGHT ACRE-FEET	PUMPER'S SHARE %
Clayton Manufacturing Company (Transferred to City of Glendora) ²	511.80 <u>-511.80</u> 0.00	0.25896 <u>-0.25896</u> 0.00000
Coiner, James W., dba Coiner Nursery ¹	--	--
Coiner Nursery, LLC ¹	--	--
Collison, E. O.	0.00	0.00000
Comby, Erma M. (See Wilmott, Erma M.)	--	--
Conrock Company (See CalMat) (Formerly Consolidated Rock Products Co.)	--	--
Consolidated Rock Products Co. (See Conrock Company)	--	--
Corcoran, Jack S. (Held in common with Corcoran, R. L.) (Transferred to: Cadway, Inc. Cadway, Inc. Cadway, Inc. Cadway, Inc. Cadway, Inc.) ²	747.00 -100.00 -100.00 -273.50 -30.00 <u>-243.50</u> 0.00	0.37797 -0.05060 -0.05060 -0.13839 -0.01518 <u>-0.12320</u> 0.00000
Corcoran, R. L. (See Corcoran, Jack S.)	--	--
County Sanitation District No. 18 of Los Angeles County	4.50	0.00228
Covell, et al. (Successor to Rittenhouse, Catherine and Rittenhouse, James) ³ (Held in common with Tate, Phillip G. and Sieglinde A.; Goedert, Lillian E.; Goedert, Marion W.; Lakin, Kendall R.; Lakin, Kelly R.; Snyder, Harry; Snyder, Esther) (Transferred to: Lakin, Kelly R. Goedert, Lillian E. Tate, Phillip G. and Sieglinde A. Snyder, Esther Aqua Capital Management LP) ²	111.05 -9.26 -9.26 -57.83 -18.51 <u>-16.19</u> 0.00	0.05619 -0.00468 -0.00468 -0.02926 -0.00937 <u>-0.00820</u> 0.00000

PUMPER	PRESCRIPTIVE PUMPING RIGHT ACRE-FEET	PUMPER'S SHARE %
Covina, City of	2,507.89	1.26895
(Transferred to:		
Covina Irrigating Company	-1,734.00	-0.87737
Covina Irrigating Company) ²	<u>-300.00</u>	<u>-0.15179</u>
	473.89	0.23979
Covina-Valley Unified School District	50.16	0.02538
(Transferred to Anderson, Ray) ²	<u>-50.16</u>	<u>-0.02538</u>
	0.00	0.00000
Crevolin, A. J.	2.25	0.00114
Crocker National Bank, Executor of the Estate of A. V. Handorf	0.00	0.00000
(Transferred to Modern Accent Corp.) ³		
Cross Water Company	1,103.00	0.05581
(Transferred to Industry Waterworks System, City of) ²	<u>-1,103.00</u>	<u>-0.05581</u>
	0.00	0.00000
Crown City Plating Company	190.00	0.09614
(Successor to Anchor Plating Co., Inc.) ²	10.00	0.00506
(Transferred to Valencia Heights Water Company) ²	<u>-200.00</u>	<u>-0.10120</u>
	0.00	0.00000
Davidson Optronics, Inc.	22.00	0.01113
(Transferred to Covina Irrigating Company) ²	<u>-22.00</u>	<u>-0.01113</u>
	0.00	0.00000
Dawes, Mary Kay¹	441.90	0.22359
(Successor to Bahnsen, Betty M.) ²		
Del Rio Mutual Water Company	199.00	0.10069
Denton, Kathryn W., Trustee for San Jose Ranch Company	185.50	0.09386
(Transferred to White, June G., Trustee of the June G. White share of the Garnier Trust) ²	<u>-185.50</u>	<u>-0.09386</u>
	0.00	0.00000
Doyle, Mr. and Mrs.; and Madruga, Mr. and Mrs.¹		
(Successor to Sawpit Farms, Limited) ²	50.00	0.02530
(Transferred to Banks, Gale C. and Vicki Lynn) ²	<u>-50.00</u>	<u>-0.02530</u>
	0.00	0.00000
Driftwood Dairy	163.80	0.08288
(Transferred to San Gabriel Valley Water Company) ²	<u>-163.80</u>	<u>-0.08288</u>
	0.00	0.00000

PUMPER	PRESCRIPTIVE PUMPING RIGHT ACRE-FEET	PUMPER'S SHARE %
Duhalde, L. (Transferred to El Monte Union High School District) ³	0.00	0.00000
Dunning, George (Held in common with Dunning, Vera H.) (Successor to Vera H. Dunning) ² (Transferred to Dunning Trust, George A. V.) ²	324.00 <u>-324.00</u> 0.00	0.16394 <u>-0.16394</u> 0.00000
Dunning Trust, George A. V. ¹ (Successor to Dunning, George) ² (Transferred to Loyola Marymount University) ²	324.00 <u>-324.00</u> 0.00	0.16394 <u>-0.16394</u> 0.00000
Dunning, Vera H. (See Dunning, George) (Transferred to Dunning, George) ²	324.00 <u>-324.00</u> 0.00	0.16394 <u>-0.16394</u> 0.00000
Durfee Property, LLC ¹ (Successor to Texaco, Inc.) ² (Transferred to San Gabriel Valley Water Company) ²	50.00 <u>-50.00</u> 0.00	0.02530 <u>-0.02530</u> 0.00000
East Pasadena Water Company, Ltd. (Transferred to California-American Water Company - San Marino System) ²	1,407.69 <u>-1,407.69</u> 0.00	0.71227 <u>-0.71227</u> 0.00
Eckis, Rollin ¹ (Successor to Sawpit Farms, Limited) ² (Transferred to City of Monrovia) ²	123.00 <u>-123.00</u> 0.00	0.06224 <u>-0.06224</u> 0.00000
El Encanto Properties (Transferred to La Puente Valley County Water District) ²	33.40 <u>-33.40</u> 0.00	0.01690 <u>-0.01690</u> 0.00000
El Monte, City of (Successor to W. E. Hall Company) ²	2,784.23 <u>0.20</u> 2,784.43	1.40878 <u>0.00010</u> 1.40888
El Monte Cemetery Association	18.50	0.00936
El Monte Union High School District (Successor to Duhalde, L.) ³ (Transferred to City of Whittier) ²	9.80 6.40 <u>-16.20</u> 0.00	0.00496 0.00324 <u>-0.00820</u> 0.00000
Everett, Mrs. Alda B. (Held in common with Everett, W.B., Executor of the Estate of I. Worth Everett)	0.00	0.00000

PUMPER	PRESCRIPTIVE PUMPING RIGHT ACRE-FEET	PUMPER'S SHARE %
Everett, W.B., Executor of the Estate of I. Worth Everett (See Everett, Mrs. Alda B.)	--	--
Faix, Incorporated (Successor to Frank F. Pellissier & Sons, Inc.) ³ (Transferred to Faix, Ltd.) ³	0.00	0.00000
Faix, Ltd. (Successor to Faix, Incorporated) ³ (Transferred to Pellissier Irrevocable QTIP Trust, et al, Laurence R., Co-tenancy of) ²	6,490.00 <u>-6,490.00</u> 0.00	3.28384 <u>-3.28384</u> 0.00000
First National Finance Corporation (Transferred to City of Arcadia) ²	60.90 <u>-60.90</u> 0.00	0.03081 <u>-0.03081</u> 0.00000
Fisher, Russell (Held in common with Hauch, Edward and Warren, Clyde) (Transferred to California Domestic Water Company) ²	19.00 <u>-19.00</u> 0.00	0.00961 <u>-0.00961</u> 0.00000
Fox Family Trust Michael Edward Fox and Crystal Marie Fox, Trustees¹ (Successor to Maggiore, Valarie; Fox, Crystal; and Kirklen, Jeffery) ²	145.83	0.07378
Frank F. Pellissier & Sons, Inc. (Transferred to Faix, Incorporated) ³	0.00	0.00000
Fruit Street Water Company (Transferred to: Gifford, Brooks, Jr., City of La Verne) ²	207.00 -101.29 <u>-105.71</u> 0.00	0.10474 -0.05125 <u>-0.05349</u> 0.00000
Garnier, Anton C. and Anita, Family Trust¹ (Successor to: South Covina Water Service Garnier, Camille A., Deceased, Estate of Garnier, Janus) ²	203.00 8.30 <u>3.00</u> 214.30	0.10271 0.00420 <u>0.00152</u> 0.10843
Garnier, Camille A., Deceased, Estate of¹ (Successor to South Covina Water Service) ² (Transferred to: The Ruth Elaine Ailor Garnier Trust The George Wayne and Alexis June Graveline Trust The Anton C. and Anita Garnier Family Trust Janus Garnier The Bandel Family Trust) ²	83.30 -41.70 -8.30 -8.30 -8.30 <u>-16.70</u> 0.00	0.04215 -0.02110 -0.00420 -0.00420 -0.00420 <u>-0.00845</u> 0.00000

PUMPER	PRESCRIPTIVE PUMPING RIGHT ACRE-FEET	PUMPER'S SHARE %
Garnier, Janus¹		
(Successor to :		
Garnier, Camille A. Deceased, Estate of	8.30	0.00420
South Covina Water Service) ²	203.00	0.10272
(Transferred to:		
George Wayne and Alexis June Graveline Trust	-5.30	-0.00268
The Anton C. and Anita Garnier Family Trust	-3.00	-0.00152
Cadway, Inc.) ²	<u>-203.00</u>	<u>-0.10272</u>
	0.00	0.00000
Garnier, Ruth Elaine Ailor, Trust¹		
(Successor to Garnier, Camille A. Deceased,	41.70	0.02110
Estate of) ²		
(Transferred to:		
Suburban Water Systems) ²	<u>-41.70</u>	<u>-0.02110</u>
	0.00	0.00000
Gates, James Richard¹	0.00	0.00000
Gifford, Brooks, Jr.¹		
(Successor to:		
Fruit Street Water Company,	101.29	0.05125
Mission Gardens Mutual Water Company) ²	96.96	0.04906
(Transferred to City of Whittier) ²	<u>-198.25</u>	<u>-0.10031</u>
	0.00	0.00000
Gilkerson, Frank B.	--	--
(Formerly part of Covell, et al.)		
(Transferred interest in Covell, et al. to Jobe, Darr) ²		
Glendora Unified High School District	99.00	0.05009
(Transferred to City of Glendora) ²	<u>-99.00</u>	<u>-0.05009</u>
	0.00	0.00000
Goedert, Lillian E.		
(See Covell, et al.)		
(Successor to Covell, et al.) ²	9.26	0.00468
(Transferred to:		
Covina Irrigating Co.	-7.00	-0.00354
Nila, Mimi; Successor Trustee of the Lillian Goedert Living	<u>-2.26</u>	<u>-0.00114</u>
Trust) ²	0.00	0.00000
Goedert, Marion W.	--	--
(See Covell, et al.)		
Golden State Water Company,	5,773.00	2.92105
San Gabriel Valley District		
(Formerly Southern California Water Company)		
Graham, William	--	--
(Formerly part of Covell, et al.)		
(Transferred interest in Covell et al. to Jobe, Darr) ²		

PUMPER	PRESCRIPTIVE PUMPING RIGHT ACRE-FEET	PUMPER'S SHARE %
Graveline, George Wayne and Alexis June, Trust¹ (Successor to: South Covina Water Service Garnier, Camille A., Deceased, Estate of Garnier, Janus) ² (Transferred to California Domestic Water Company) ²	203.00 8.30 5.30 <u>-216.60</u> 0.00	0.10271 0.00420 0.00268 <u>-0.10959</u> 0.00000
Green, Walter (Transferred to California Domestic Water Company) ²	71.70 <u>-23.90</u> 47.80	0.03628 <u>-0.01209</u> 0.02419
Grizzle, Lissa B. (Held in common with Grizzle, Mervin A.; Wilson, Harold R.; Wilson, Sarah C.) (Transferred to City of Whittier) ²	184.00 <u>-184.00</u> 0.00	0.09310 <u>-0.09310</u> 0.00000
Grizzle, Mervin A. (See Grizzle, Lissa B.)	--	--
Hansen, Alice	0.75	0.00038
Hanson Aggregates West, Inc.¹ (Successor to: Livingston-Graham, Inc. Sully-Miller Contracting Company) ²	1,824.40 <u>489.77</u> 2,314.17	0.92312 <u>0.24782</u> 1.17094
Hartley, David¹	--	--
Hauch, Edward (See Fisher, Russell)	--	--
Heinrich, Carolyn¹ (Successor to Anderson Family Marital Trust) ² (Transferred to Heinrich, Carolyn R., Trust)	25.08 <u>-25.08</u> 0.00	0.01269 <u>-0.01269</u> 0.00000
Heinrich, Carolyn R., Trust¹ (Successor to Heinrich, Carolyn) ²	<u>25.08</u> 25.08	<u>0.01269</u> 0.01269
Hemlock Mutual Water Company	166.00	0.08399
Hollenbeck Street Water Company (Transferred to Suburban Water Systems) ³	0.00	0.00000
Hughes Development Corporation¹ (Successor to Base Line Water Company) ² (Transferred to: San Gabriel County Water District San Gabriel County Water District) ²	430.20 -400.00 <u>-30.20</u> 0.00	0.21767 -0.20239 <u>-0.01528</u> 0.00000

PUMPER	PRESCRIPTIVE PUMPING RIGHT ACRE-FEET	PUMPER'S SHARE %
Hunter, Lloyd F.¹		
(Successor to Wade, R.) ²	4.40	0.00223
(Transferred to Covina Irrigating Company) ²	<u>-4.40</u>	<u>-0.00223</u>
	0.00	0.00000
Hydro-Conduit Corporation	0.00	0.00000
IBY LLC	2,372.51	1.20047
(Successor to Molson Coors USA LLC) ²	<u>-2,372.51</u>	<u>-1.20047</u>
(Transferred to IBY Property Owner LLC) ²	0.00	0.00
IBY Property Owner LLC		
(Successor to IBY LLC) ²	<u>2,372.51</u>	<u>1.20047</u>
	2,372.51	1.20047
Industry Waterworks System, City of¹		
(Successor to Cross Water Company) ²	<u>1,103.00</u>	<u>0.55810</u>
	1,103.00	0.55810
Industry Properties, Ltd.		
(Successor to A & E Plastik Pak Co., Inc.) ³	73.50	0.03719
(Transferred to California Domestic Water Co.) ²	<u>-73.50</u>	<u>-0.03719</u>
	0.00	0.00000
Irwindale, City of¹		
(Successor to United Concrete Pipe Corporation) ²	<u>376.00</u>	<u>0.19025</u>
	376.00	0.19025
J. F. Isbell Estate, Inc.	8.36	0.00423
(Transferred to Andrade, Macario and Consuelo; and Andrade, Robert and Jayne) ²	<u>-8.36</u>	<u>-0.00423</u>
	0.00	0.00000
Jerris, Helen¹	--	--
(See Polopolus, et al.)		
Jobe, Darr¹	--	--
(Formerly part of Covell, et al.)		
(Successor to: Gilkerson, Frank B. interest in Covell et al. Graham, William interest in Covell et al.) ²		
(Transferred interest in Covell et al. to Tate, Phillip G. and Sieglinde A.) ²		
Kirklen Family Trust¹	375.00	0.18974
(Formerly Kirklen, Dawn L.)		
(Held in common with Kirklen, William R.)		
(Successor to San Dimas-La Verne Recreational Facilities Authority) ²	62.50	0.03162
(Transferred to Maggiore, Valarie; Fox, Crystal; and Kirklen, Jeffery) ²	<u>-437.50</u>	<u>-0.22136</u>
	0.00	0.00000
Kirklen, Dawn L.	--	--
(See Kirklen Family Trust)		
Kirklen, Jeffery¹	145.84	0.07379
(Successor to Maggiore, Valarie; Fox, Crystal; and Kirklen, Jeffery) ²		
(Transferred to California Domestic Water Company) ²	-21.88	-0.01107
(Transferred to California Domestic Water Company) ²	<u>-12.00</u>	<u>-0.00607</u>

PUMPER	PRESCRIPTIVE PUMPING RIGHT ACRE-FEET	PUMPER'S SHARE %
	111.96	0.05665
Kirklen, William R. (See Kirklen, Dawn L.)	--	--
Kiyan Farms (Formerly Kiyan, Hideo) (Transferred to West Covina Venture, Ltd.) ²	30.00 <u>-30.00</u> 0.00	0.01518 <u>-0.01518</u> 0.00000
Kiyan, Hideo (See Kiyan Farms) (Held in common with Kiyan, Hiro)	--	--
Kiyan, Hiro (See Kiyan, Hideo)	--	--
Knight, Kathryn M. ¹ (Successor to Knight, William) ² (Transferred to Knight, William) ²	227.88 <u>-227.88</u> 0.00	0.11530 <u>-0.11530</u> 0.00000
Knight, William (Transferred to Knight, Kathryn M.) ² (Successor to Knight, Kathryn M.) ² (Transferred to Knight, William J., Living Trust) ²	227.88 -227.88 227.88 <u>-227.88</u> 0.00	0.11530 -0.11530 0.11530 <u>-0.11530</u> 0.00000
Knight, William J., Living Trust ¹ (Successor to Knight, William)	227.88	0.11530
Lakin, Kelly R. ¹ (See Covell, et al.) (Successor to Covell, et al.) ² (Transferred to: Covina Irrigating Co. Covina Irrigating Co.) ²	9.26 -6.03 <u>-3.23</u> 0.00	0.00468 -0.00305 <u>-0.00163</u> 0.00000
Lakin, Kendall R. ¹ (See Covell, et al.)	--	--
Landeros, John	0.75	0.00038
La Grande Source Water Company (Transferred to Suburban Water Systems) ³	0.00	0.00000
Lang, Frank (Transferred to San Dimas-La Verne Recreational Facilities Authority) ³	0.00	0.00000

PUMPER	PRESCRIPTIVE PUMPING RIGHT ACRE-FEET	PUMPER'S SHARE %
La Puente Cooperative Water Co. (Transferred to Suburban Water Systems) ³	0.00	0.00000
La Puente Valley County Water District (Successor to El Encanto Properties) ²	1,097.00 <u>33.40</u> 1,130.40	0.55507 <u>0.01690</u> 0.57197
La Verne, City of (Successor to Fruit Street Water Co.) ² (Transferred to Covina Irrigating Co.) ²	250.00 105.71 <u>-355.71</u> 0.00	0.12650 0.05349 <u>-0.17999</u> 0.00000
Lee, Paul M. and Ruth A.; Nasmyth, Virginia; Nasmyth, John¹	0.00	0.00000
Little John Dairy	0.00	0.00000
Livingston-Graham, Inc. (Transferred to Hanson Aggregates West, Inc.) ²	1,824.40 <u>-1,824.40</u> 0.00	0.92312 <u>-0.92312</u> 0.00000
Los Flores Mutual Water Company (Transferred to City of Monterey Park) ²	26.60 <u>-26.60</u> 0.00	0.01346 <u>-0.01346</u> 0.00000
Loucks, David	3.00	0.00152
Lovelady, June G., Trustee¹ (Successor to White, June G., Trustee of the June G. White Share of the Garnier Trust) ² (Transferred to The Kathryn W. Baker Trust) ²	185.50 <u>-185.50</u> 0.00	0.09386 <u>-0.09386</u> 0.00000
Loyola Marymount University¹ (Successor to George A.V. Dunning Trust) ² (Transferred to City of Glendora) ²	324.00 <u>-324.00</u> 0.00	0.16394 <u>-0.16394</u> 0.00000
Maggiore Family Trust, The¹ (Successor to Maggiore, Valarie) ²	145.83	0.07379
Maggiore, Valarie¹ (Successor to Maggiore, Valarie; Fox, Crystal; and Kirklen, Jeffrey) ² (Transferred to Maggiore Family Trust, The) ²	145.83 <u>-145.83</u> 0.00	0.07379 <u>-0.07379</u> 0.00000
Maggiore, Valarie; Fox, Crystal; and Kirklen, Jeffery¹ (Successor to Kirklen Family Trust) ² (Transferred to: (Maggiore, Valarie;	437.50 -145.83	0.22136 -0.07379

PUMPER	PRESCRIPTIVE PUMPING RIGHT ACRE-FEET	PUMPER'S SHARE %
Kirklen, Jeffrey; Fox Family Trust, Michael Edward Fox and Crystal Marie Fox, Trustees) ²	-145.84 <u>-145.83</u> 0.00	-0.07379 <u>-0.07378</u> 0.00000
Manning Bros. Rock & Sand Co. (Transferred to Conrock Company) ²	328.00 <u>-328.00</u> 0.00	0.16596 <u>-0.16596</u> 0.00000
Maple Water Company (Transferred to Southwest Water Co.) ²	118.50 <u>-118.50</u> 0.00	0.05996 <u>-0.05996</u> 0.00000
Martinez, Frances Mercy (Held in common with Martinez, Jaime)	0.75	0.00038
Martinez, Jaime (See Martinez, Frances Mercy)	--	--
Massey-Ferguson Company	0.00	0.00000
McIntyre, William¹ (Successor to West Covina Venture, Ltd.) ² (Transferred to Canyon Water Company) ²	30.00 <u>-1.00</u> 29.00	0.01518 <u>-0.00051</u> 0.01467
Miller Brewing Company (Successor to: Maechten, Estate of J.J. Phillips, Alice B., et al. South Covina Water Service Woodland Farms Woodland, Richard) ² (Transferred to Miller Breweries West, L.P.) ²	111.01 151.50 50.00 300.00 919.50 840.50 <u>-2,372.51</u> 0.00	0.05617 0.07666 0.02530 0.15180 0.46526 0.42528 <u>-1.20047</u> 0.00000
Miller Breweries West, L.P.¹ (Successor to Miller Brewing Company) ² (Transferred to MillerCoors LLC) ²	2,372.51 <u>-2,372.51</u> 0.00	1.20047 <u>-1.20047</u> 0.00000
MillerCoors LLC¹ (Successor to Miller Breweries West, L.P.) ² (Transferred to Molson Coors USA LLC) ²	2,372.51 <u>-2,372.51</u> 0.00	1.20047 <u>-1.20047</u> 0.00000
Mission Gardens Mutual Water Company (Transferred to Gifford, Brooks, Jr.) ²	96.96 <u>-96.96</u> 0.00	0.04906 <u>-0.04906</u> 0.00000

PUMPER	PRESCRIPTIVE PUMPING RIGHT ACRE-FEET	PUMPER'S SHARE %
Modern Accent Corporation		
(Successor to Crocker National Bank, Executor of the Estate of A. V. Handorf) ³	256.86	0.12997
(Transferred to California Domestic Water Co.) ²	<u>-256.86</u>	<u>-0.12997</u>
	0.00	0.00000
Molson Coors USA LLC¹		
(Successor to MillerCoors LLC) ²	2,372.51	1.20047
(Transferred to IBY, LLC) ²	<u>-2,372.51</u>	<u>-1.20047</u>
	0.00	0.00
Monterey Park, City of	6,677.48	3.37870
(Successor to Los Flores Mutual Water Co.) ²	<u>26.60</u>	<u>0.01346</u>
	6,704.08	3.39216
Moon Valley Nursery of California, Inc¹	--	--
Munoz, Ralph¹	--	--
Murphy Ranch Mutual Water Company	223.23	0.11295
(Transferred to Southwest Suburban Water) ²	<u>-223.23</u>	<u>-0.11295</u>
	0.00	0.00000
Namimatsu Farms	196.00	0.09917
(Transferred to California Cities Water Co.) ²	<u>-196.00</u>	<u>-0.09917</u>
	0.00	0.00000
NCL Co., LLC¹		
(Successor to Vulcan Materials Company) ²	<u>1.00</u>	<u>0.00050</u>
	1.00	0.00050
Nick Tomovich & Sons	0.02	0.00001
Nicholson Trust¹		
(Successor to Beverly Acres Mutual Water Users Association) ²	43.00	0.02176
(Transferred to:		
Nicholson Family Trust	-7.00	-0.00354
Nicholson Trust, Helene S.	-12.00	-0.00607
Nicholson Family Trust) ²	<u>-24.00</u>	<u>-0.01215</u>
	0.00	0.00000
Nicholson Family Trust¹		
(Successor to:		
Nicholson Trust	7.00	0.00354
Nicholson Trust) ²	24.00	0.01215
(Transferred to Nicholson Family Trust - Marital Trust) ²	<u>-31.00</u>	<u>-0.01569</u>
	0.00	0.00000
Nicholson Family Trust - Marital Trust¹		
(Successor to Nicholson Family Trust) ²	<u>31.00</u>	<u>0.01569</u>
	31.00	0.01569
Nicholson Trust, Helene S.¹		
(Successor to Nicholson Trust) ²	12.00	0.00607
(Transferred to San Gabriel Valley Water Co.) ²	<u>-12.00</u>	<u>-0.00607</u>
	0.00	0.00000

PUMPER	PRESCRIPTIVE PUMPING RIGHT ACRE-FEET	PUMPER'S SHARE %
Nila, Mimi; Successor Trustee of the Lillian Goedert Living Trust¹		
(Successor to Goedert, Lillian E.) ²	2.26	0.00114
(Transferred to San Gabriel Valley Water Company) ²	<u>-2.26</u>	<u>-0.00114</u>
	0.00	0.00000
New Owl Rock Products¹		
(Successor to Owl Rock Products Co.) ²	715.60	0.36208
(Transferred to Robertson's Ready Mix, Ltd.) ²	<u>-715.60</u>	<u>-0.36208</u>
	0.00	0.00000
No. 17 Walnut Place Mutual Water Co.	21.50	0.01088
(Transferred to San Gabriel Valley Water Co.) ²	<u>-21.50</u>	<u>-0.01088</u>
	0.00	0.00000
Orange Production Credit Association¹	0.00	0.00000
Owl Rock Products Co.	715.60	0.36208
(Transferred to New Owl Rock Products) ²	<u>-715.60</u>	<u>-0.36208</u>
	0.00	0.00000
Pacific Rock & Gravel Co.	408.00	0.20644
(Transferred to:	-208.00	-0.10524
City of Whittier,	<u>-200.00</u>	<u>-0.10120</u>
Rose Hills Memorial Park Association) ²	0.00	0.00000
Park Water Company	184.01	0.09311
(Transferred to Valley County Water District) ²	<u>-184.01</u>	<u>-0.09311</u>
	0.00	0.00000
Parton Family Trust¹	46.20	0.02338
(Formerly Via, H., Trust of) ²		
(Transferred to San Gabriel Valley Water Company) ²	<u>-46.20</u>	<u>-0.02338</u>
	0.00	0.00000
Pellissier Irrevocable QTIP Trust, et al, Laurence R., Co-tenancy of¹		
(Successor to Faix, Ltd) ²	<u>6,490.00</u>	<u>3.28384</u>
	6,490.00	3.28384
Penn, Margaret¹	--	--
(See Polopolus, et al.)		
Pico County Water District	0.75	0.00038
Polopolus, John¹	--	--
(See Polopolus, et al.)		
Polopolus, et al.¹		
(Successor to Polopolus, Steve) ²	22.50	0.01138
(Held in common with Chronis, Christine; Jerris, Helen; Penn, Margaret; Polopolus, John)		
(Transferred to California Domestic Water Company) ²	<u>-22.50</u>	<u>-0.01138</u>
	0.00	0.00

PUMPER	PRESCRIPTIVE PUMPING RIGHT ACRE-FEET	PUMPER'S SHARE %
Polopolus, Steve (Transferred to Polopolus, et al.) ²	22.50 <u>-22.50</u> 0.00	0.01138 <u>-0.01138</u> 0.00000
Progressive Buddhist Association, The ¹	0.00	0.00000
Rados, Alexander (Held in common with Rados, Stephen and Rados, Walter)	43.00	0.02176
Rados, Stephen (See Rados, Alexander)	--	--
Rados, Walter (See Rados, Alexander)	--	--
Rana Living Trust, Jeanne (Successor to Brondino, Jeanne) ²	<u>25.08</u> 25.08	<u>0.01269</u> 0.01269
Richwood Mutual Water Company (Transferred to San Gabriel Valley Water Company) ²	192.60 <u>-192.60</u> 0.00	0.09745 <u>-0.09745</u> 0.00000
Rincon Ditch Company (Transferred to Workman Mill Investment Company) ²	628.00 <u>-628.00</u> 0.00	0.31776 <u>-0.31776</u> 0.00000
Rincon Irrigation Company (Transferred to Workman Mill Investment Company) ²	314.00 <u>-314.00</u> 0.00	0.15888 <u>-0.15888</u> 0.00000
Rio Hondo Memorial Foundation, The ¹ (Formerly Rose Hills Foundation, The) (See Rose Hills Foundation, The)	--	--
Rittenhouse, Catherine (Transferred to Covell, Ralph) ³	0.00	0.00000
Rittenhouse, James (Transferred to Covell, Ralph) ³	0.00	0.00000
Robertson's Ready Mix, Ltd. ¹ (Successor to New Owl Rock Products) ² (Transferred to San Gabriel County Water District) ²	715.60 <u>-715.60</u> 0.00	0.36208 <u>-0.36208</u> 0.00000
Rosedale, Lucy A. & Harry Edwin III, Trustees of the Harry E. Rosedale Trust dated May 24, 1985 ¹	0.00	0.00000

PUMPER	PRESCRIPTIVE PUMPING RIGHT ACRE-FEET	PUMPER'S SHARE %
Rose Hills Memorial Park Association (See Rose Hills Foundation, The)	--	--
Rose Hills Foundation, The ¹ (Formerly Rose Hills Memorial Park Association) (See Rio Hondo Memorial Foundation, The) (Formerly Rio Hondo Memorial Foundation, The) (Successor to Pacific Rock & Gravel Co.) ² (Transferred to: Workman Mill Investment Co. Workman Mill Investment Co.) ²	594.00 200.00 -594.00 <u>-200.00</u> 0.00	0.30055 0.10120 -0.30055 <u>-0.10120</u> 0.00000
Rosemead Development, Ltd. ¹ (Successor to Thompson, Earl W.) ²	<u>1.00</u> 1.00	<u>0.00051</u> 0.00051
Rurban Homes Mutual Water Company (Transferred to San Gabriel Valley Water Company) ²	217.76 <u>-217.76</u> 0.00	0.11018 <u>-0.11018</u> 0.00000
Ruth, Roy	0.75	0.00038
San Dimas Golf Inc. DBA Via Verde County Club ¹	0.00	0.00000
San Dimas-La Verne Recreational Facilities Authority (Successor to Lang, Frank) ³ (Transferred to Kirklen, Dawn L. and William R.) ²	62.50 <u>-62.50</u> 0.00	0.03162 <u>-0.03162</u> 0.00000
San Gabriel Country Club	286.10	0.14476
San Gabriel County Water District (Successor to: Hughes Development Corporation Hughes Development Corporation Robertson's Ready Mix, Ltd.) ²	4,250.00 400.00 30.20 <u>715.60</u> 5,395.80	2.15044 0.20239 0.01528 <u>0.36208</u> 2.73019
San Gabriel Valley Municipal Water District	0.00	0.00000
San Gabriel Valley Water Company (Successor to: Vallecito Water Co. No. 17 Walnut Place Mutual Water Co. Cedar Avenue Mutual Water Company Beverly Acres Mutual Water Users Association Richwood Mutual Water Company Nicholson Trust, Helene S. Durfee Property, LLC	16,659.00 2,867.00 21.50 121.10 50.00 192.60 12.00 50.00	8.42920 1.45066 0.01088 0.06127 0.02530 0.09745 0.00607 0.02530

PUMPER	PRESCRIPTIVE PUMPING RIGHT ACRE-FEET	PUMPER'S SHARE %
Wright, Darrell A., Wright, Merle M. and Carlson, Jeanne W.	50.65	0.02563
Parton Family Trust	46.20	0.02338
Maddock, A.G.		
Driftwood Dairy	163.80	0.08288
Champion Mutual Water Company	147.68	0.07472
Nila, Mimi; Successor Trustee of the Lillian Goedert Living Trust	2.26	0.00114
Bandel Family Trust	16.70	0.00845
Rurban Homes Mutual Water Company	217.76	0.11018
Southwest Water Company	118.50	0.05996
Andrade, Susan) ²	<u>8.36</u>	<u>0.00423</u>
	20,745.11	10.49670
Sawpit Farms, Limited	173.00	0.08754
(Transferred to:		
Eckis, Rolin	-123.00	-0.06224
Doyle and Madruga) ²	<u>-50.00</u>	<u>-0.02530</u>
	0.00	0.00000
Schneiderman, Alan	--	--
(See Birenbaum, Max)		
Schneiderman, Lydia	--	--
(See Birenbaum, Max)		
Security Pacific National Bank,	38.70	0.01958
Co-trustee for the Estate of Winston F. Stoodly		
(See Stoodly, Virginia A.)		
(Transferred to City of Whittier) ²	<u>-38.70</u>	<u>-0.01958</u>
	0.00	0.00000
Sierra La Verne Country Club¹	0.00	0.00000
Sierra Madre, City of	0.00	0.00000
Sloan Ranches	129.60	0.06558
(Transferred to Cadway, Inc.) ²	<u>-129.60</u>	<u>-0.06558</u>
	0.00	0.00000
Smith, Charles³	0.00	0.00000
Snyder, Esther¹		
(Successor to Covell, et al) ²	18.51	0.00937
(Transferred to Azusa Associates, LLC) ²	<u>-18.51</u>	<u>-0.00937</u>
	0.00	0.00000
Snyder, Harry	--	--
(See Covell, et al.)		
Sonoco Products Company	311.60	0.15766

PUMPER	PRESCRIPTIVE PUMPING RIGHT ACRE-FEET	PUMPER'S SHARE %
South Covina Water Service	992.30	0.50209
(Transferred to:		
Miller Brewing Company	-300.00	-0.15180
Anton C. and Anita Garnier Family Trust	-203.00	-0.10271
The George Wayne and Alexis June Graveline Trust	-203.00	-0.10271
The Estate of Camille A. Garnier, Deceased	-83.30	-0.04215
Garnier, Janus) ²	<u>-203.00</u>	<u>-0.10272</u>
	0.00	0.00000
Southdown, Inc.¹	--	--
(Formerly AZ-Two, Inc.)		
(See CEMEX California Aggregates, Inc.)		
Southern California Edison Company	155.25	0.07855
(Successor to Associated		
Southern Investment Company) ²	<u>16.50</u>	<u>0.00835</u>
	171.75	0.08690
Southern California Water Company,	--	--
San Gabriel Valley District		
(See Golden State Water Company, San Gabriel Valley District)		
South Pasadena, City of	3,567.70	1.80520
Southwest Suburban Water	--	--
(See Suburban Water Systems)		
Southwest Water Company¹		
(Successor to Maple Water Company) ²	118.50	0.05996
(Transferred to San Gabriel Valley Water Company) ²	<u>-118.50</u>	<u>-0.05996</u>
	0.00	0.00
Southwestern Portland Cement Company¹		
(Successor to Azusa Western, Inc.) ²	742.00	0.37544
(Transferred to American Sheds, Inc.) ²	<u>-742.00</u>	<u>-0.37544</u>
	0.00	0.00000
Speedway 605, Inc.¹	0.00	0.00000
Standard Oil Company of California	--	--
(See Chevron U.S.A.)		
Sterling Mutual Water Company	120.00	0.06072
Stoody, Virginia A., Co-trustee for the	--	--
Stoody, Winston F., Estate of	--	--
(See Security Pacific National Bank, Co-trustee)		

PUMPER	PRESCRIPTIVE PUMPING RIGHT ACRE-FEET	PUMPER'S SHARE %
Tran, Hieu ¹	--	--
Tyler Nursery	3.21	0.00162
United Concrete Pipe Corporation (Transferred to Irwindale, City of) ²	376.00 <u>-376.00</u> 0.00	0.19025 <u>-0.19025</u> 0.00000
United Rock Products Corporation ¹ (Successor to: Sully Miller Contracting Company) ² (Transferred to California Domestic Water Company) ²	909.56 <u>-450.00</u> 459.56	0.46022 <u>-0.22769</u> 0.23253
Usrey, William B. ¹	--	--
USA Waste of California, Inc. ¹ (Successor to American Sheds, Inc.) ² (Transferred to Aqua Capital Management LP) ²	742.00 <u>-742.00</u> 0.00	0.37544 <u>-0.37544</u> 0.00000
U.S. Pipe & Foundry Company ¹ (See United Concrete Pipe Corporation)	--	--
Valencia Heights Water Company (Successor to Crown City Plating Company) ²	861.00 <u>200.00</u> 1,061.00	0.43565 <u>0.10120</u> 0.53685
Valencia Valley Water Company (Transferred to Suburban Water Systems) ³	0.00	0.00000
Vallecito Water Company (Transferred to San Gabriel Valley Water Company) ²	2,867.00 <u>-2,867.00</u> 0.00	1.45066 <u>-1.45066</u> 0.00000
Valley County Water District (Formerly Baldwin Park County Water District) (Successor to Park Water Company) ²	5,775.00 <u>184.01</u> 5,959.01	2.92206 <u>0.09311</u> 3.01517
Valley Crating Company	0.00	0.00000
Valley View Mutual Water Company	616.00	0.31169
Via, H. (See Via, H., Trust of)	--	--

PUMPER	PRESCRIPTIVE PUMPING RIGHT ACRE-FEET	PUMPER'S SHARE %
Via, H., Trust of (Formerly Via, H.) (See Parton Family Trust)	--	--
Victoria Mutual Water Company (Transferred to Suburban Water Systems) ³	0.00	0.00000
Vietnamese American Buddhist Temple Congregation¹	0.00	0.00000
Vulcan Materials Company (Formerly CalMat) (Successor to Manning Bros. Rock & Sand Co.) ² (Transferred to NCL Co., LLC) ²	1,793.35 <u>-1.00</u> 1,792.35	0.90740 <u>-0.00050</u> 0.90690
Wade, R. (Transferred to Hunter, Lloyd F.) ²	4.40 <u>-4.40</u> 0.00	0.00223 <u>-0.00223</u> 0.00000
Ward Duck Company (See Woodland Farms, Inc.)	--	--
Warren, Clyde (See Fisher, Russell)	--	--
W. E. Hall Company (Transferred to City of El Monte) ²	0.20 <u>-0.20</u> 0.00	0.00010 <u>-0.00010</u> 0.00000
West Covina Venture, Ltd.¹ (Successor to Kiyan Farms) ² (Transferred to McIntyre, William) ²	30.00 <u>-30.00</u> 0.00	0.01518 <u>-0.01518</u> 0.00000
White, June G., Trustee of the June G. White Share of the Garnier Trust¹ (Successor to Denton, Kathryn W., Trustee for the San Jose Ranch Company) ² (Transferred to Lovelady, June G., Trustee) ²	185.50 <u>-185.50</u> 0.00	0.09386 <u>-0.09386</u> 0.00000
Whittier, City of (Successor to: Grizzle, Lissa B. Pacific Rock and Gravel Co. Security Pacific National Bank, Co-trustee for the Estate of Winston F. Stoodly El Monte Union High School District Gifford, Brooks, Jr. Birenbaum, Max) ²	7,620.23 184.00 208.00 38.70 16.20 198.25 <u>6.00</u> 8,271.38	3.85572 0.09310 0.10524 0.01958 0.00820 0.10031 <u>0.00304</u> 4.18519

PUMPER	PRESCRIPTIVE PUMPING RIGHT ACRE-FEET	PUMPER'S SHARE %
Wigodsky, Bernard (See Birenbaum, Max)	--	--
Wigodsky, Estera (See Birenbaum, Max)	--	--
Wilmott, Erma M. (Formerly Comby, Erma M.)	0.75	0.00038
Wilson, Harold R. (See Grizzle, Lissa B.)	--	--
Wilson, Sarah C. (See Grizzle, Lissa B.)	--	--
Woodland Farms, Inc. (See 6W Farms, Inc.) (Formerly Ward Duck Company)	--	--
Woodland, Frederick G.¹	--	--
Woodland, Richard¹ (Successor to Bahnsen & Beckman Ind., Inc.) ²	840.50	0.42528
(Transferred to Miller Brewing Company) ²	-840.50	-0.42528
(Successor to 6W Farms, Inc.) ²	297.90	0.15073
(Transferred to Aqua Capital Management LP) ²	<u>-297.90</u>	<u>-0.15073</u>
	0.00	0.00000
Workman Mill Investment Company¹ (Successor to: Rincon Ditch Company Rincon Irrigation Company Rose Hills Memorial Park Association Rose Hills Foundation, The) ²	628.00 314.00 594.00 <u>200.00</u> 1,736.00	0.31776 0.15888 0.30055 <u>0.10120</u> 0.87839
Wright, Darrell A., Wright, Merle M. & Carlson, Jeanne W.¹ (Successor to Burbank Development Co.) ²	50.65	0.02563
(Transferred to San Gabriel Valley Water Company) ²	<u>-50.65</u>	<u>-0.02563</u>
	0.00	0.00000
Totals for Exhibit "D"	151,113.64	76.46119
Totals for Exhibit "E"	46,520.79	23.53881
GRAND TOTALS	<u>197,634.43</u>	<u>100.00000</u>

APPENDIX L
EXHIBIT “E” OF JUDGMENT TABLE SHOWING PRODUCTION RIGHT
OF EACH INTEGRATED PRODUCER AS OF JUNE 30, 2023

INTEGRATED PRODUCER	DIVERSION COMPONENT ACRE-FEET	PRESCRIPTIVE PUMPING COMPONENT ACRE-FEET	PUMPING COMPONENT SHARE %
Aqua Capital Management LP¹			
(Successor to:			
Susan K. Brierly	16.00	0.00	0.00000
Miles R. Rosedale	125.00	0.00	0.00000
Monrovia Nursery	24.00	0.00	0.00000
Lance Rosedale	22.00	0.00	0.00000
Richard VanLandingham) ²	14.00	0.00	0.00000
(Transferred to:			
California Domestic Water Company) ²	<u>-201.00</u>	<u>0.00</u>	<u>0.00000</u>
	0.00	0.00	0.00000
Azusa, City of	0.00	3,655.99	1.84988
(Successor to:			
Monrovia Nursery Company	363.00	0.00	0.00000
Azusa Valley Water Company) ²	0.00	3,359.79	1.70000
(Transferred to Azusa Valley Water Company) ²	<u>0.00</u>	<u>-3,359.79</u>	<u>-1.70000</u>
	363.00	3,655.99	1.84988
Azusa Agricultural Water Company	1,000.00	1,732.20	0.87647
(Transferred to:			
Azusa Valley Water Company	-830.00	-1,437.73	-0.72747
Azusa Valley Water Company) ²	<u>-170.00</u>	<u>-294.47</u>	<u>-0.14900</u>
	0.00	0.00	0.00000
Azusa Foot-Hill Citrus Company	718.50	0.00	0.00000
(Transferred to Monrovia Nursery Company) ²	<u>-718.50</u>	<u>0.00</u>	<u>0.00000</u>
	0.00	0.00	0.00000
Azusa Valley Water Company	2,422.00	8,274.00	4.18652
(Successor to:			
Azusa Agricultural Water Company	830.00	1,437.73	0.72747
Azusa Agricultural Water Company	170.00	294.47	0.14900
City of Azusa) ²	0.00	3,359.79	1.70000
(Transferred to City of Azusa) ²	<u>0.00</u>	<u>-3,359.79</u>	<u>-1.70000</u>
	3,422.00	10,006.20	5.06299
Brierly, Susan K.¹			
(Successor to Monrovia Nursery Company) ²	24.00	0.00	0.00000
(Transferred to:			
Miles R. Rosedale	-8.00	0.00	0.00000
Aqua Capital Management) ²	<u>-16.00</u>	<u>0.00</u>	<u>0.00000</u>
	0.00	0.00	0.00000
California-American Water Company	1,672.00	3,649.00	1.84634
(Duarte System)			

INTEGRATED PRODUCER	DIVERSION COMPONENT ACRE-FEET	PRESCRIPTIVE PUMPING COMPONENT ACRE-FEET	PUMPING COMPONENT SHARE %
California Cities Water Company (See Southern California Water Company, San Dimas District)	--	--	--
California Domestic Water Company (Successor to Aqua Capital Management LP) ² (Transferred to Covina Irrigating Company) ²	201.00 <u>-201.00</u> 0.00	--	--
Covina Irrigating Company (Successor to: City of Covina City of Covina Taylor Herb Garden La Verne, City of Davidson Optronics, Inc. Goedert, Lillian Lakin, Kelly R. Hunter, Lloyd F. Lakin, Kelly R. California Domestic Water Company) ² (Transferred to: California Domestic Water Company) ²	2,514.00 203.12 <u>2,717.12</u>	4,140.00 1,734.00 300.00 6.00 355.71 22.00 7.00 6.03 4.40 3.23 <u>-203.12</u> 6,375.25	2.09478 0.87737 0.15179 0.00304 0.17999 0.01113 0.00354 0.00305 0.00223 0.00163 <u>-0.10278</u> 3.22577
CV Glendora 3 Site, LLC (See CV Santa Rosa Investments, LLC)	--	--	--
CV Santa Rosa Investments, LLC¹ (Formerly CV Glendora 3 Site, LLC) (Successor to: Rosedale, Miles R. Monrovia Nursery Company) ² (Transferred to: City of Glendora City of Glendora) ²	184.00 10.00 -116.00 <u>-78.00</u> 0.00	0.00 0.00 0.00 <u>0.00</u> 0.00	0.00000 0.00000 0.00000 <u>0.00000</u> 0.00000
DeFalco, John and Carole¹ (Successor to Nickowitz, at al.) ²	<u>1.49</u> 1.49	<u>0.00</u> 0.00	<u>0.00000</u> 0.00000
Glendora, City of (Successor to: Maechtlen, Estate of J. J. Maechtlen, Trust of P. A. Ruebhausen, Arline Glendora Unified High School District	17.00 18.34	8,258.00 150.00 50.00 99.00	4.17842 0.07590 0.02530 0.05009

INTEGRATED PRODUCER	DIVERSION COMPONENT ACRE-FEET	PRESCRIPTIVE PUMPING COMPONENT ACRE-FEET	PUMPING COMPONENT SHARE %
Loyola Marymount University		324.00	0.16394
Clayton Manufacturing Company		511.80	0.25896
CV Glendora 3 Site, LLC	116.00		
CV Santa Rosa Investments, LLC) ²	<u>78.00</u>		
	229.34	9,392.80	4.75261
Golden State Water Company, San Dimas District¹	500.00	3,242.53	1.64067
(Formerly California Cities Water Company)			
(Successor to Namimatsu Farms) ²		<u>196.00</u>	<u>0.09917</u>
	500.00	3,438.53	1.73984
JUH#1¹			
(Successor to Monrovia Nursery Company) ²	48.00	0.00	0.00000
(Transferred to Miles R. Rosedale) ²	<u>-16.00</u>		
	32.00	0.00	0.00000
Los Angeles, County of	310.00	3,721.30	1.88292
Maechtlen, Estate of J. J., Trustee for the Estate of P.A. Maechtlen	0.00	301.50	0.15256
(Transferred to:			
City of Glendora		-150.00	-0.07590
Miller Brewing Company) ²		<u>-151.50</u>	<u>-0.07666</u>
	0.00	0.00	0.00000
Maechtlen, Trust of J. J.¹	1.49	0.00	0.00000
(Transferred to Otting, David; Otting, Larry; and Webster, Scott) ²	-1.49	0.00	0.00000
(Successor to Otting, David; Otting, Larry; and Webster, Scott) ²	1.49	0.00	0.00000
(Transferred to Nikowitz, et al) ²	<u>-1.49</u>	<u>0.00</u>	<u>0.00000</u>
	0.00	0.00	0.00000
Maechtlen, Trust of P. A.¹	0.50	100.50	0.05085
(Transferred to:			
City of Glendora		-50.00	-0.02530
Alice B. Phillips, et al.) ²	<u>-0.50</u>	<u>-50.50</u>	<u>-0.02555</u>
	0.00	0.00	0.00000
The Metropolitan Water District of of Southern California	9.59	165.00	0.08349
Monrovia, City of	1,098.00	5,042.22	2.55129
(Successor to:			
Eckis, Rollin		123.00	0.06224
City of Arcadia) ²		<u>951.00</u>	<u>0.48119</u>
	1,098.00	6,116.22	3.09472

INTEGRATED PRODUCER	DIVERSION COMPONENT ACRE-FEET	PRESCRIPTIVE PUMPING COMPONENT ACRE-FEET	PUMPING COMPONENT SHARE %
Monrovia Nursery Company	239.50	0.00	0.00000
(Successor to Azusa Foothill Citrus Company) ²	718.50	0.00	0.00000
(Transferred to:			
City of Azusa	-363.00	0.00	0.00000
Brierly, Susan K.	-24.00	0.00	0.00000
Rosedale, Miles R.	-191.00	0.00	0.00000
VanLandingham, Richard	-21.00	0.00	0.00000
JUH#1	-48.00	0.00	0.00000
Rosedale, Lance	-32.00	0.00	0.00000
CV Glendora 3 Site, LLC	-10.00	0.00	0.00000
Rosedale Jr., Harry E.	-168.00	0.00	0.00000
Rosedale, Miles R.	-77.00	0.00	0.00000
Aqua Capital Mangement LP) ²	<u>-24.00</u>	<u>0.00</u>	<u>0.00000</u>
	0.00	0.00	0.00000
Nikowitz, et al¹			
(Successor to Maechtlen, Trust of J. J.) ²	1.49	0.00	0.00000
(Held in common with Nikowitz, Sheryl M. and Walter P.; Pellegrino, Mark and Roxanne; Verdegem, Thomas and Sandra B.)			
(Transferred to DeFalco, John and Carole) ²	<u>-1.49</u>	<u>0.00</u>	<u>0.00000</u>
	0.00	0.00	0.00000
Otting, David; Otting, Larry; and Webster, Scott¹			
(Successor to Maechtlen, Trust of J. J.) ²	1.49	0.00	0.00000
(Transferred to Maechtlen, Trust of J. J.) ²	<u>-1.49</u>	<u>0.00</u>	<u>0.00000</u>
	0.00	0.00	0.00000
Phillips, Alice B., et al.¹			
(Successor to Maechtlen, Trust of P. A.) ²	0.50	50.50	0.02555
(Transferred to Miller Brewing Co.) ²	<u> </u>	<u>-50.00</u>	<u>-0.02530</u>
	0.50	0.50	0.00025
Rosedale Jr., Harry E.¹			
(Successor to Monrovia Nursery Company) ²	168.00	0.00	0.00000
(Transferred to Rosedale, Lucy A. and Harry Edwin III, Trustees of the Harry E. Rosedale Trust) ²	<u>-168.00</u>	<u>0.00</u>	<u>0.00000</u>
	0.00	0.00	0.00000
Rosedale, Lance¹			
(Successor to Monrovia Nursery Company) ²	32.00	0.00	0.00000
(Transferred to:			
Rosedale, Miles R.	-10.00	0.00	0.00000
Aqua Capital Management LP) ²	<u>-22.00</u>	<u>0.00</u>	<u>0.00000</u>
	0.00	0.00	0.00000
Rosedale, Lucy A. and Harry Edwin III, Trustees of the Harry E. Rosedale Trust¹			
(Successor to Rosedale Jr., Harry E.) ²	168.00	0.00	0.00000

INTEGRATED PRODUCER	DIVERSION COMPONENT ACRE-FEET	PRESCRIPTIVE PUMPING COMPONENT ACRE-FEET	PUMPING COMPONENT SHARE %
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Rosedale, Miles R.¹

(Successor to:

Monrovia Nursery Company	191.00	0.00	0.00000
Susan K. Brierly	8.00	0.00	0.00000
JUH#1	16.00	0.00	0.00000
Monrovia Nursery Company	77.00	0.00	0.00000
Richard Van Landingham	7.00	0.00	0.00000
Lance Rosedale) ²	10.00	0.00	0.00000

(Transferred to:

CV Glendora 3 Site, LLC	-184.00	0.00	0.00000
Aqua Capital Management LP) ²	<u>-125.00</u>	<u>0.00</u>	<u>0.00000</u>
	0.00	0.00	0.00000

VanLandingham, Richard¹

(Successor to Monrovia Nursery Company)²

21.00	0.00	0.00000
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(Transferred to:

Rosedale, Miles R.	-7.00	0.00	0.00000
Aqua Capital Management LP) ²	<u>-14.00</u>	<u>0.00</u>	<u>0.00000</u>
	<u>0.00</u>	<u>0.00</u>	<u>0.00000</u>

TOTAL

10,523.04	46,520.79	23.53881
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APPENDIX L

**EXHIBIT "K" OF JUDGMENT CONSUMPTIVE USE PORTIONS
OF PRODUCERS WITH OVERLYING RIGHTS AS OF JUNE 30, 2023**

OVERLYING PRODUCER	CONSUMPTIVE USE PORTION (ACRE-FEET)
<u>1. Mnoian-Gifford Interests</u>	
<u>Owner Producers</u>	
Paul Mnoian ¹	
Brooks Gifford, Sr. ¹	
Brooks Gifford, Jr. ¹	
John Mgrdichian ¹	
J. Earl Garrett ¹	
Present User: Nu-Way Industries	3.5
<u>Producers Under License</u>	
William C. Thomas ¹	
Evelyn F. Thomas ¹	
Malcolm K. Gatherer ¹	
Jacqueline Gatherer ¹	
Present User: B & B Red-I-Mix Concrete, Inc.	45.6
Pre-Stress Crane Rigging and Truck, Co., Inc. ¹	<u>1.0</u>
	50.1
<u>2. Attalla, Phillip Y. and Mary L.¹</u>	29.9
<u>3. Citrus Valley Medical Center, Queen of the Valley Campus.¹</u> (Formerly Queen of the Valley Hospital. ¹)	4.5
<u>4. S.L.S & N. Inc.¹</u>	--
TOTAL	84.5

1/ Intervenor after Judgment.

2/ Permanent transfer of rights after entry of Judgment.

3/ Permanent transfer of rights as recorded within Exhibits "C", "D", and "E" of Judgment.

APPENDIX M

LIST OF ACTIVE PARTIES AND THEIR DESIGNEES

APPENDIX M
LIST OF ACTIVE PARTIES AND THEIR DESIGNEES
JUNE 30, 2023

ACTIVE PARTY	DESIGNEE
Alhambra, City of Amarillo Mutual Water Company Andrade, Susan Arcadia, City of Arcadia Reclamation, Inc. Azusa, City of Azusa Valley Water Company	Martin Ray Ernest Martinez Thomas A. Nunez Paul Cranmer Robert Bowcock Melissa T. Barbosa Melissa T. Barbosa
Baker Trust, The Kathryn W. Banks, Gale C. and Vicki L. Brea, City of	Kathryn W. Baker Gale and Vicki Banks William Gallardo
Cadway, Inc. California-American Water Company (Duarte System) California-American Water Company (San Marino System) California Country Club California Domestic Water Company Canyon Water Company Chevron U.S.A. Citrus Valley Medical Center, Queen of the Valley Campus County Sanitation District No. 18 of Los Angeles Covina, City of Covina Irrigating Company Crevolin, A. J.	Lynda Noriega Garry Hofer Garry Hofer Ara Cho Lynda Noriega William L. McIntyre Leon F. Drozd, Esq. John Ramirez Beth Bax Christopher Marcarello David D. De Jesus A. J. Crevolin
Dawes, Mary Kay DeFalco, John and Carole Del Rio Mutual Water Company	Mary Kay Partridge John and Carole DeFalco Dario Herrera
El Monte, City of El Monte Cemetery Association	Don Nguyen Garry Hofer
Fox Family Trust Michael Edward Fox and Crystal Marie Fox, Trustees	Michael and Crystal Fox

ACTIVE PARTY	DESIGNEE
Garnier Family Trust, Anton C. and Anita Gates, James Richard Glendora, City of Golden State Water Company - San Dimas District Golden State Water Company - San Gabriel Valley District Green, Walter	Anton C. Garnier James Richard Gates Chisom Obegolu Paul J. Rowley Benjamin Lewis, Jr. Lynda Noriega
Hanson Aggregates West, Inc. Heinrich, Carolyn Heinrich, Carolyn R., Trust Hemlock Mutual Water Company	Brandon Saeteurn Carolyn Heinrich Carolyn R. Heinrich Blanca E. Becerra
IBY Property Owner, LLC Industry Waterworks Systems, City of Irwindale, City of	Adam Sher Roy Frausto Julian Miranda
JUH #1	Reiner Kruger
Kirklen, Jeffery B. Knight, William J., Living Trust	Jeffery B. Kirklen Ben Jertberg
Landeros, John La Puente Valley County Water District Los Angeles, County of Loucks, David	John Landeros Roy Frausto Maria L. Rubio David Loucks
Maggiore Family Trust, The McIntyre, William Metropolitan Water District of Southern California Molson Coors USA LLC Monrovia, City of Monterey Park, City of Moon Valley Nursery of California, Inc. Munoz, Ralph E.	Valarie Maggiore William L. McIntyre Arman Motavvef Lisa Jordan Alex Tachiki Ron Bow Joseph M. Dougherty Ralph Munoz, Michael Munoz
NCL Co, LLC Nicholson Family Trust - Marital Trust	Robert Bowcock Robert J. DiPrimio
Pellissier Irrevocable QTIP Trust, et al, Laurence R., Co-tenancy of Pico County Water District Progressive Buddhist Association, The	Lynda Noriega Joe D. Basulto Sai A. Myint

ACTIVE PARTY	DESIGNEE
Rados Brothers Rana, Jeanne, Living Trust Rosedale, Lucy and Harry Edwin III, Trustees of the Harry E. Rosedale Trust Rosemead Development LTD. Ruth, Roy	Stephen S. Rados Jeanne Rana Lucy A. Rosdale John W Lloyd Roy Ruth
San Gabriel Canyon, LLC, 9447 San Gabriel Country Club San Gabriel County Water District San Gabriel Valley Municipal Water District San Gabriel Valley Water Company Sierra Madre, City of SOL Long Term LLC Sonoco Products Company South Pasadena, City of Southern California Edison Company Sterling Mutual Water Company Suburban Water Systems Sunny Slope Water Company	Adrian Jayasinha Sean Rathje James Prior Darin Kasamoto Robert J. DiPrimio Chris Cimino Rick Adams Khaleda Hamid Anteneh Tesfaye Carol Okray Beverly Dominguez Greg Galindo Ken Tcheng
Tate, Phillip G. and Sieglinde A., Trustees of the Tate Family Trust Three Valleys Municipal Water District Tomovich, Nick and Sons Tran, Hieu Tyler Nursery	Sieglinde A. Tate Matthew H. Litchfield Nick Tomovich Hieu Tran Fumiko Kishi
United Rock Products Corporation Upper San Gabriel Valley Municipal Water District Usrey, William B.	Jeff Cameron Steven O'Neill William B. Usrey
Valencia Heights Water Company Valley County Water District Valley View Mutual Water Company Vulcan Materials Company	David P. Michalko Jose Martinez Sukie Madrid Robert Bowcock
Whittier, City of Wilmott, Erma M. Workman Mill Investment Company	Kyle Cason Erma M. Wilmott Jeff Nordschow

APPENDIX N

STATUS OF SECTION 28 APPLICATIONS

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STATUS OF SECTION 28 APPLICATIONS
AS OF JUNE 30, 2023

Appl. No.	Applicant	Type Appl.	Well Name	Approval Date	Permit #
0001	City of Glendora	New Well	5-E	October 2, 1991	0001-NW-100291
0002	La Puente Valley County Water District	Treatment Facility	2, 3, 4	November 6, 1991	0002-TR-110691
0003	Southern California Water Company	New Well	Saxon 4	February 19, 1992	0003-NW-021992
0004	California Domestic Water Company	Destroy Well	2	February 19, 1992	0004-DW-021992
0005	California Domestic Water Company	New Well	2A	February 19, 1992	0005-NW-021992
0006	San Gabriel Valley Water Company	Treatment Facility	B11B	February 5, 1992	0006-TR-020592
0007	Sterling Mutual Water Company	New Well	New South	Withdrawn	--
0008	Suburban Water Systems	Destroy Well	149W-1	June 3, 1992	0008-DW-060392
0009	City of Alhambra	New Well	17	Withdrawn	--
0010	California-American Water Company (San Marino)	New Well	Hall	November 2, 1994	0010-NW-110294
0011	Suburban Water Systems	Destroy Well	135W-1	September 2, 1992	0011-DW-090292
0012	California-American Water Company (Duarte)	New Well	Encanto	Withdrawn	--
0013	California-American Water Company (Duarte)	New Well	Las Lomas	Withdrawn	--
0014	San Gabriel Valley Water Company	Treatment Facility	B7C	January 6, 1993	0014-TR-010693
0015	Suburban Water Systems	Destroy Well	152W-1	January 6, 1993	0015-DW-010693
0016	Suburban Water Systems	Destroy Well	111W-1	November 4, 1992	0016-DW-110492
0017	Suburban Water Systems	Destroy Well	112W-1	February 3, 1993	0017-DW-020393
0018	California-American Water Company (Duarte)	Destroy Well	Las Lomas	May 5, 1993	0018-DW-050593
0019	Suburban Water Systems	Destroy Well	124W-1	April 7, 1993	0019-DW-040793
0020	South Covina Water Service	Destroy Well	102W-1	April 7, 1993	0020-DW-040793
0021	South Covina Water Service	Destroy Well	102W-2	April 7, 1993	0021-DW-040793
0022	Suburban Water Systems	New Well	140W-5	Withdrawn	--
0023	California Domestic Water Company	Treatment Facility	3	July 7, 1993	0023-TR-070793
0024	Suburban Water Systems	Destroy Well	101W-1	August 4, 1993	0024-DW-080493
0025	Suburban Water Systems	Destroy Well	106W-1	August 4, 1993	0025-DW-080493
0026	Southern California Water Company (San Dimas)	New Well	Malone 2	November 10, 1993	0026-NW-111093
0027	San Gabriel Valley Water Company	Treatment Facility	B6C	November 10, 1993	0027-TR-111093
0028	San Gabriel Valley Water Company	Treatment Facility	B6D	November 10, 1993	0028-TR-111093
0029	Southern California Water Company (San Dimas)	New Well	Cienega	April 6, 1994	0029-NW-040694
0030	San Gabriel Valley Water Company	New Well	1E	April 6, 1994	0030-NW-040694
0037	Suburban Water Systems	Destroy Well	103W-1	June 1, 1994	0037-DW-060194
0038	Suburban Water Systems	Destroy Well	113W-1	June 1, 1994	0038-DW-060194
0039	Suburban Water Systems	Destroy Well	142W-1	June 1, 1994	0039-DW-060194
0040	Suburban Water Systems	Destroy Well	157W-1	June 1, 1994	0040-DW-060194
0041	Cedar Avenue Mutual Water Company	Destroy Well	1-South	November 2, 1994	0041-DW-110294
0042	Cedar Avenue Mutual Water Company	Destroy Well	2-North	November 2, 1994	0042-DW-110294
0043	Valley County Water District	Well Modification	Big Dalton	March 1, 1995	0043-MW-030195
0044	Valley County Water District	Treatment Facility	Big Dalton	March 1, 1995	0044-TR-030195
0045	County of Los Angeles	Destroy Well	3	September 6, 1995	0045-DW-090695
0046	County of Los Angeles	New Well	3A	February 7, 1996	0046-NW-020796

Appl. No.	Applicant	Type Appl.	Well Name	Approval Date	Permit #
0047	La Puente Valley County Water District	Treatment Facility	2, 3, 4	August 2, 1995	0047-TR-080295
0048	City of El Monte	Well Modification	10	Withdrawn	--
0049	City of El Monte	Treatment Facility	10	Withdrawn	(See 0134-TR-060502)
0050	City of Monrovia	Treatment Facility	1, 2	November 1, 1995	0050-TR-110195
0051	Suburban Water Systems	Destroy Well	139W-1	Withdrawn	(See 0110-DW-110399)
0052	Suburban Water Systems	New Well	139W-6	January 3, 1996	0052-NW-010396
0053	Sunny Slope Water Company	New Well	13	February 7, 1996	0053-NW-020796
0054	California Domestic Water Company	New Well	14	April 3, 1996	0054-NW-040396
0055	California Domestic Water Company	Treatment Facility	2, 3, 5A, 6, 8	April 3, 1996	0055-TR-040396
0056	Suburban Water Systems	Destroy Well	120W-1	May 1, 1996	0056-DW-050196
0057	Suburban Water Systems	Destroy Well	122W-1	May 1, 1996	0057-DW-050196
0058	Suburban Water Systems	Destroy Well	123W-1	June 5, 1996	0058-DW-060596
0059	Southern California Water Company (San Dimas)	Destroy Well	Malone 2	May 1, 1996	0059-DW-050196
0060	San Gabriel Valley Water Company	New Well	B5D	July 3, 1996	0060-NW-070396
0061	Suburban Water Systems	New Well	201W-7	April 2, 1997	0061-NW-040297
0062	City of Alhambra	Treatment Facility	7, 11	April 2, 1997	0062-TR-040297
0063	City of El Monte	Treatment Facility	12	August 6, 1997	0063-TR-080697
0064	City of Monrovia	New Well	6	July 2, 1997	0064-NW-070297
0065	City of Monrovia	Destroy Well	1	Withdrawn	(See 0172-DW-030304)
0066	Suburban Water Systems	Destroy Well	131W-1	October 8, 1997	0066-DW-100897
0067	Suburban Water Systems	Destroy Well	133W-1	October 8, 1997	0067-DW-100897
0068	Suburban Water Systems	Destroy Well	134W-1	March 4, 1998	0068-DW-030498
0069	Suburban Water Systems	Destroy Well	148W-1	March 4, 1998	0069-DW-030498
0070	County of Los Angeles	Destroy Well	4	Withdrawn	(See 0236-DW-020310)
0071	San Gabriel Valley Water Company	Treatment Facility	B4B and B4C	January 7, 1998	0071-TR-010798
0072	Southern California Water Company (San Gabriel Valley)	Treatment Facility	Encinita 1	January 7, 1998	0072-TR-010798
0073	San Gabriel Valley Water Company	Treatment Facility	B5A and B5B	May 1, 1998	0073-TR-050198
0074	Corcoran Bros.	Destroy Well	--	May 1, 1998	0074-DW-050198
0075	San Gabriel Valley Water Company	New Well	G4B	Withdrawn	--
0076	San Gabriel Valley Water Company	Emergency Exemption	8F	August 5, 1998	0076-NW-080598
0077	San Gabriel Valley Water Company	Treatment Facility	8B, 8C, 8D	August 5, 1998	0077-TR-080598
0078	City of El Monte	Treatment Facility	2A	July 1, 1998	0078-TR-070198
0079	Adams Ranch Mutual Water Company	New Well	3	October 7, 1998	0079-NW-100798
0080	Adams Ranch Mutual Water Company	Destroy Well	1	Withdrawn	--
0081	Ralph Covell	New Well	--	Withdrawn	--
0082	Ralph Covell	Destroy Well	--	Withdrawn	--
0083	City of Monterey Park	Treatment Facility	5	December 9, 1998	0083-TR-120998
0084	City of Monterey Park	Treatment Facility	12	December 9, 1998	0084-TR-120998 (See 0149-TR-020503)
0085	City of Glendora	New Well	13-E	December 9, 1998	0085-NW-120998
0086	Valencia Heights Water Company	New Well	6	February 3, 1999	0086-NW-020399
0087	Valencia Heights Water Company	New Well	7	February 3, 1999	0087-NW-020399
0088	Valencia Heights Water Company	Destroy Well	1	Withdrawn	--
0089	Valencia Heights Water Company	Destroy Well	2	February 3, 1999	0089-DW-020399
0090	Valencia Heights Water Company	Destroy Well	3A	February 3, 1999	0090-DW-020399
0091	San Gabriel County Water District	Destroy Well	6	November 4, 1998	0091-DW-110498
0092	Suburban Water Systems	Destroy Well	Maple 1	December 9, 1998	0092-DW-120998
0093	Suburban Water Systems	Destroy Well	Maple 2	December 9, 1998	0093-DW-120998
0094	City of Monterey Park	Destroy Well	2	April 7, 1999	0094-DW-040799

Appl. No.	Applicant	Type Appl.	Well Name	Approval Date	Permit #
0095	Suburban Water Systems	Treatment Facility	139W-6	June 2, 1999	0095-TR-060299
0096	Suburban Water Systems	Treatment Facility	140W-4	May 12, 1999	0096-TR-051299
0097	City of El Monte	Destroy Well	5	April 7, 1999	0097-DW-040799
0098	Suburban Water Systems	Destroy Well	151W-1	May 12, 1999	0098-DW-051299
0099	Suburban Water Systems	Destroy Well	154W-1	Withdrawn	(See 0167-DW-020404)
0100	La Puente Valley County Water District	Treatment Facility	Well 3	July 7, 1999	0100-TR-070799
0101	Richwood Mutual Water Company	Destroy Well	1 South	June 2, 1999	0101-DW-060299
0102	Richwood Mutual Water Company	Destroy Well	2 North	June 2, 1999	0102-DW-060299
0103	California-American Water Company (San Marino)	New Well	Richardson 3	Withdrawn	--
0104	California-American Water Company (San Marino)	Destroy Well	Richardson 1	Withdrawn	--
0105	California-American Water Company (San Marino)	Destroy Well	Richardson 2	Withdrawn	--
0106	Tevis Hill	New Well	--	Withdrawn	--
0107	City of Arcadia	Destroy Well	St. Joseph 1	November 3, 1999	0107-DW-110399
0108	City of Arcadia	New Well	St. Joseph 2	November 3, 1999	0108-NW-110399
0109	Suburban Water Systems	Destroy Well	114W-1	Withdrawn	(See 0205-DW-051408)
0110	Suburban Water Systems	Destroy Well	139W-1	November 3, 1999	0110-DW-110399
0111	Suburban Water Systems	Destroy Well	139W-2	Withdrawn	--
0112	California-American Water Company (San Marino)	New Well	Richardson 3	Withdrawn	--
0113	California-American Water Company (San Marino)	Treatment Facility	Ivar Well 1	Withdrawn	(See 0170-DW-010704)
0114	Azusa Light and Water	New Well	11	October 4, 2000	0114-NW-100400
0115	Azusa Light and Water	New Well	12	October 4, 2000	0115-NW-100400
0116	City of Whittier	Destroy Well	12	October 4, 2006	0116-DW-100406
0117	San Gabriel Valley Water Company	Treatment Facility	G4A	May 3, 2000	0117-TR-050300
0118	City of Monterey Park	New Well	15	August 2, 2000	0118-NW-080200
0119	San Gabriel Valley Water Company	Treatment Facility	B5B	Withdrawn	(See 0165-TR-010704)
0120	San Gabriel Valley Water Company	Treatment Facility	B6C, B6D	December 6, 2000	0120-TR-120600
0121	Workman Mill Investment Company	New Well	--	December 6, 2000	0121-NW-120600
0122	California Domestic Water Company	New Well	7	Withdrawn	--
0123	California Domestic Water Company	Treatment Facility	Bassett Wellfield	June 6, 2001	0123-TR-060601
0124	Southern California Water Company (San Gabriel Valley)	Treatment Facility	San Gabriel 1 San Gabriel 2	July 5, 2001	0124-TR-070501
0125	California-American Water Company (San Marino)	Treatment Facility	Ivar Well 1	Withdrawn	(See 0170-DW-010704)
--	City of Whittier	Emergency Exemption	17, 18	March 7, 2001	--
0126	City of Monterey Park	Modify Well	7	January 2, 2002	0126-MW-010202
0127	City of Monterey Park	Modify Well	8	January 2, 2002	0127-MW-010202
0128	City of Monterey Park	Modify Well	9	January 2, 2002	0128-MW-010202
0129	San Gabriel Valley Water Company	New Well	1F	December 5, 2001	0129-NW-120501
--	San Gabriel Valley Water Company	Emergency Exemption	1C	December 5, 2001	--
0130	Valley County Water District	New Well	SA1-1	August 7, 2002	0130-NW-080702
0131	Valley County Water District	New Well	SA1-2	August 7, 2002	0131-NW-080702
0132	Valley County Water District	Modify Well	Lante	August 7, 2002	0132-MW-080702
0133	Valley County Water District	Treatment Facility	SA1-1, SA1-2, Lante	August 7, 2002	0133-TR-080702
0134	City of El Monte	Treatment Facility	10	June 5, 2002	0134-TR-060502
0135	San Gabriel Valley Water Company	New Well	SA3-1A	May 1, 2002	0135-NW-050102

Appl. No.	Applicant	Type Appl.	Well Name	Approval Date	Permit #
0136	San Gabriel Valley Water Company	New Well	SA3-1B	May 1, 2002	0136-NW-050102
0137	San Gabriel Valley Water Company	New Well	SA3-2A	May 1, 2002	0137-NW-050102
0138	San Gabriel Valley Water Company	New Well	SA3-2B	May 1, 2002	0138-NW-050102
0139	Suburban Water Systems	Destroy Well	105W-1	August 7, 2002	0139-DW-080702
0140	Suburban Water Systems	Destroy Well	136W-1	July 10, 2002	0140-DW-071002
0141	Suburban Water Systems	Destroy Well	150W-1	July 10, 2002	0141-DW-071002
0142	Beverly Acres Mutual Water Users Association	Destroy Well	Rose Hills	August 7, 2002	0142-DW-080702
0143	Suburban Water Systems	Emergency Exemption	Well at Plant 121	June 5, 2002	0143-NW-060502
0144	Suburban Water Systems	Emergency Exemption	Well at Plant 142	June 5, 2002	0144-NW-060502
0145	Suburban Water Systems	Treatment Facility	147W-3	October 2, 2002	0145-TR-100202
0146	San Gabriel Valley Water Company	Destroy Well	B6B	August 7, 2002	0146-DW-080702
0147	San Gabriel Valley Water Company	New Well	B11C	May 14, 2003	0147-NW-051403
0148	City of Monterey Park	Treatment Facility	1, 3, 10	May 14, 2003	0148-TR-051403
0149	City of Monterey Park	Treatment Facility	9, 12, 15	February 5, 2003	0149-TR-020503
0150	Valley County Water District	Treatment Facility	Clinton O. Nixon East Clinton O. Nixon West	May 14, 2003	0150-TR-051403
0151	San Gabriel Valley Water Company	New Well	B24A	July 2, 2003	0151-NW-070203
0152	San Gabriel Valley Water Company	New Well	B24B	July 2, 2003	0152-NW-070203
0153	San Gabriel Valley Water Company	Treatment Facility	B24A, B24B	July 2, 2003	0153-TR-070203
0154	Suburban Water Systems	New Well	201W-8	August 6, 2003	0154-NW-080603
0155	Suburban Water Systems	New Well	201W-9	August 6, 2003	0155-NW-080603
0156	Suburban Water Systems	New Well	201W-10	August 6, 2003	0156-NW-080603
0157	Southern California Water Company (San Dimas)	Treatment Facility	Columbia 4, Columbia 6	August 6, 2003	0157-TR-080603
0158	Southern California Water Company (San Dimas)	Treatment Facility	Artesia 3, Baseline 3, Baseline 4	August 6, 2003	0158-TR-080603
0159	Southern California Water Company (San Dimas)	Destroy Well	Gidley 1	August 6, 2003	0159-DW-080603
0160	Southern California Water Company (San Dimas)	Destroy Well	Gidley 2	August 6, 2003	0160-DW-080603
0161	Vietnamese-American Buddhist Temple Congregation	New Well	Temple Well	November 3, 2004	0161-NW-110304
0162	Suburban Water Systems	Destroy Well	155W-2	November 5, 2003	0162-DW-110503
0163	Suburban Water Systems	Destroy Well	155W-1	Withdrawn	--
0164	Suburban Water Systems	Destroy Well	114W-1	Withdrawn	(See 0205-DW-051408)
0165	San Gabriel Valley Water Company	Treatment Facility	B5	January 7, 2004	0165-TR-010704
0166	San Gabriel Valley Water Company	New Well	B5E	January 7, 2004	0166-NW-010704
0167	Suburban Water Systems	Destroy Well	154W-1	February 4, 2004	0167-DW-020404
0168	Suburban Water Systems	Destroy Well	201W-1	December 10, 2003	0168-DW-121003
0169	Southern California Water Company (San Dimas)	New Well	Highway 2	July 7, 2004	0169-NW-070704
0170	California-American Water Company (San Marino)	Destroy Well	Ivar 1	January 7, 2004	0170-DW-010704
0171	California-American Water Company (San Marino)	Destroy Well	Ivar 2	January 7, 2004	0171-DW-010704
0172	City of Monrovia	Destroy Well	1	March 3, 2004	0172-DW-030304
0173	City of Azusa	Destroy Well	Genesis 3	April 7, 2004	0173-DW-040704
0174	Azusa Valley Water Company	Destroy Well	Well 1	April 7, 2004	0174-DW-040704
0175	Azusa Valley Water Company	Destroy Well	Well 2	May 12, 2004	0175-DW-051204

Appl. No.	Applicant	Type Appl.	Well Name	Approval Date	Permit #
0176	California-American Water Company (Duarte)	Destroy Well	Mountain Avenue	August 4, 2004	0176-DW-080404
0177	Clayton Industries	Destroy Well	Well 2	September 1, 2004	0177-DW-090104
0178	San Gabriel Valley Water Company	New Well	2F	October 6, 2004	0178-NW-100604
0179	Suburban Water Systems	Destroy Well	201W-3	June 2, 2004	0179-DW-060204
0180	City of South Pasadena	Modify Well	Wilson 2	March 2, 2005	0180-MW-030205
0181	City of Azusa	Destroy Well	Genesis 1	February 2, 2005	0181-DW-020205
0182	DeFalco, John	New Well	--	March 2, 2005	0182-NW-030205
0183	City of Monrovia	Treatment Facility	3, 4, 5	July 6, 2005	0183-TR-070605
0184	Monrovia Nursery	Destroy Well	Well 1	July 6, 2005	0184-DW-070605
0185	CEMEX California Aggregates, Inc.	Destroy Well	Well 2 (AZ 2)	December 7, 2005	0185-DW-120705
0186	City of Alhambra	Treatment Facility	7, 8, 11 & 12	June 7, 2006	0186-TR-060706
0187	Quoss, Edward	New Well	--	May 3, 2006	0187-NW-050306
0188	City of El Monte	Destroy Well	Mountain View	May 3, 2006	0188-DW-050306
0189	California Domestic Water Company	New Well	Well 10	June 5, 2006	0189-NW-070506
0190	Durfee Property, LLC	Destroy Well	Well 14	Withdrawn	--
0191	San Gabriel Valley Water Company	Treatment Facility	B7	Pending	--
0192	San Gabriel Valley Water Company	New Well	IZ-1	Pending	--
0193	San Gabriel Valley Water Company	New Well	IZ-2	Pending	--
0194	San Gabriel Valley Water Company	New Well	IZ-EAST	Pending	--
0195	San Gabriel Valley Water Company	New Well	MZ-1	Pending	--
0196	San Gabriel Valley Water Company	New Well	MZ-2	Pending	--
0197	San Gabriel Valley Water Company	New Well	MZ-3	Pending	--
0198	Suburban Water Systems	New Well	151 W-2	October 4, 2006	0198-NW-100406
0199	San Gabriel Valley Water Company	Destroy Well	2C	Withdrawn	--
0200	Golden State Water Company (San Gabriel Valley)	Destroy Well	Saxon 1	August 1, 2007	0200-DW-080107
0201	La Puente Valley County Water District	New Well	5	November 7, 2007	0201-NW-110707
0202	San Gabriel Valley Water Company	Treatment Facility	Plant 8	Withdrawn	--
0203	San Gabriel Valley Water Company	New Well	11D	April 2, 2008	0203-NW-040208
0204	San Gabriel Valley Water Company	Destroy Well	B1	Pending	--
0205	Suburban Water Systems	Destroy Well	114W-1	May 14, 2008	0205-DW-051408
0206	Suburban Water Systems	Destroy Well	140W-2	June 4, 2008	0206-DW-060408
0207	Suburban Water Systems	Destroy Well	155W-1	Withdrawn	--
0208	Suburban Water Systems	Destroy Well	201 W-2	June 4, 2008	0208-DW-060408
0209	Suburban Water Systems	Destroy Well	201 W-6	June 4, 2008	0209-DW-060408
0210	City of Arcadia	New Well	Longley 3	August 6, 2008	0210-NW-080608
0211	City of Arcadia	New Well	Camino Real 3	August 6, 2008	0211-NW-080608
0212	City of Arcadia	New Well	Camino Real 4	August 6, 2008	0212-NW-080608
0213	San Gabriel Valley Water Company	Treatment Facility	Plant 11	April 2, 2008	0213-TR-040208
0214	Suburban Water Systems	Destroy Well	Plant 110	May 14, 2008	0214-DW-051408
0215	California-American Water Company (Duarte)	New Well	Buena Vista 2	August 6, 2008	0215-NW-080608
0216	City of Arcadia	Destroy Well	Camino Real 2	August 6, 2008	0216-DW-080608
0217	Golden State Water Company - San Dimas District	Destroy Well	Columbia 1	October 1, 2008	0217-DW-100108
0218	Golden State Water Company - San Dimas District	Destroy Well	Columbia 2	October 1, 2008	0218-DW-100108
0219	City of El Monte	Treatment Facility	13	December 10, 2008	0219-TR-121008
0220	Tran, Hieu & Binh	New Well	--	Withdrawn	--
0221	Golden State Water Company (San Dimas)	Destroy Well	Artesia 2	March 4, 2009	0221-DW-030409

Appl. No.	Applicant	Type Appl.	Well Name	Approval Date	Permit #
0222	Golden State Water Company (San Gabriel Valley)	New Well	Garvey 3	March 4, 2009	0222-NW-030409
0223	Golden State Water Company (San Gabriel Valley)	Treatment Facility	Garvey 3	March 4, 2009	0223-TR-030409
0224	Golden State Water Company (San Gabriel Valley)	Destroy Well	Earle	January 6, 2010	0224-DW-010610
0225	Golden State Water Company (San Gabriel Valley)	Destroy Well	Garvey 1	July 1, 2009	0225-DW-070109
0226	Golden State Water Company (San Gabriel Valley)	Destroy Well	Garvey 2	July 1, 2009	0226-DW-070109
0227	Golden State Water Company (San Gabriel Valley)	Destroy Well	Unnamed	July 1, 2009	0227-DW-070109
0228	City of Arcadia	Destroy Well	Camino Real 1	October 7, 2009	0228-DW-100709
0229	City of Arcadia	Destroy Well	Longley 2	October 7, 2009	0229-DW-100709
0230	City of El Monte	New Well	DEW-1	October 7, 2009	0230-NW-100709
0231	City of El Monte	New Well	DEW-2	October 7, 2009	0231-NW-100709
0232	City of El Monte	New Well	DEW-3	October 7, 2009	0232-NW-100709
0233	City of El Monte	Treatment Facility	--	October 7, 2009	0233-TR-100709
0234	County of Los Angeles	Destroy Well	2	February 3, 2010	0234-DW-020310
0235	County of Los Angeles	Destroy Well	3A	February 3, 2010	0235-DW-020310
0236	County of Los Angeles	Destroy Well	4	February 3, 2010	0236-DW-020310
0237	County of Los Angeles	Destroy Well	5	February 3, 2010	0237-DW-020310
0238	County of Los Angeles	Destroy Well	6	February 3, 2010	0238-DW-020310
0239	City of Glendora	New Well	14	February 3, 2010	0239-NW-020310
0240	Suburban Water Systems	Destroy Well	201W-5	May 12, 2010	0240-DW-051210
0241	Gates, James Richard	New Well	Gates Well 1	July 7, 2010	0241-NW-070710
0242	Golden State Water Company (San Gabriel Valley)	Destroy Well	Graydon 1	December 12, 2012	0242-DW-121212
0243	Golden State Water Company (San Gabriel Valley)	Destroy Well	Graydon 2	Withdrawn	--
0244	Golden State Water Company (San Gabriel Valley)	Destroy Well	Jeffries 3	December 12, 2012	0244-DW-121212
0245	East Pasadena Water Company	New Well	11	November 3, 2010	0245-NW-110310 ^{1/}
0246	Hale, Richard	New Well	--	Withdrawn	--
0247	Kolawa, Adam	New Well	--	Withdrawn	--
0248	California-American Water Company (San Marino)	New Well	Richardson 3	March 6, 2013	0248-NW-030613
0249	California-American Water Company (San Marino)	Destroy Well	Richardson 1	March 6, 2013	0249-DW-030613
0250	Covina Irrigating Company	Treatment Facility	BP Pumping Plant	April 4, 2012	0250-TR-040412
0251	Hieu Tran	New Well	Tran	May 2, 2012	0251-NW-050212
0252	Ralph Munoz	New Well	Munoz	June 6, 2012	0252-NW-060612
0253	San Gabriel County Water District	New Well	15	July 3, 2012	0253-NW-070312
0254	San Gabriel County Water District	Destroy Well	11	Pending	--
0255	San Gabriel County Water District	Destroy Well	7	July 3, 2012	0255-DW-070312
0256	San Gabriel County Water District	New Well	16	Pending	--
0257	City of Glendora	Destroy Well	1-E	October 3, 2012	257-DW-100312
0258	Golden State Water Company (San Dimas)	Destroy Well	Columbia 8	Withdrawn	--
0259	California-American Water Company (San Marino)	Treatment Facility	Richardson 3	March 6, 2013	0259-TR-030613

Appl. No.	Applicant	Type Appl.	Well Name	Approval Date	Permit #
0260	California-American Water Company (Duarte)	New Well	Lemon	July 10, 2013	0260-NW-071013
0261	City of El Monte	Treatment Facility	3	May 14, 2014	0261-TR-051414
0262	San Gabriel Valley Water Company	New Well	B24C	November 6, 2013	0262-NW-110613
0263	California-American Water Company (Duarte)	Destroy Well	Crownhaven 1	June 4, 2014	0263-DW-060414
0264	California-American Water Company (Duarte)	New Well	Crownhaven 2	June 4, 2014	0264-NW-060414
0265	Valley County Water District	New Well	Lante	October 1, 2014	0265-NW-100114
0266	City of Arcadia	Destroy Well	Baldwin 2	Withdrawn	--
0267	Vulcan Materials Co.	Destroy Well	Durbin West	December 9, 2014	0267-DW-120914
0268	Vulcan Materials Co.	Destroy Well	Durbin East	December 9, 2014	0268-DW-120914
0269	San Gabriel Valley Water Company	Destroy Well	B8	February 4, 2015	0269-DW-020415
0270	California-American Water Company (San Marino)	Destroy Well	Blue Ribbon 2	August 5, 2015	0270-DW-080515
0271	California-American Water Company (San Marino)	Destroy Well	Blue Ribbon 1	August 5, 2015	0271-DW-080515
0272	Southern California Edison Company	Destroy Well	Murata	September 2, 2015	0272-DW-090215
0273	Southern California Edison Company	Destroy Well	2EB76	September 2, 2015	0273-DW-090215
0274	Covina Irrigating Company	Destroy Well	Contract Well	September 2, 2015	0274-DW-090215
0275	San Gabriel Valley Water Company	Destroy Well	B7A	January 6, 2016	0275-DW-010616
0276	San Gabriel Valley Water Company	Destroy Well	B7B	January 6, 2016	0276-DW-010616
0277	San Gabriel Valley Water Company	Destroy Well	B7C	January 6, 2016	0277-DW-010616
0278	San Gabriel Valley Water Company	Destroy Well	B7D	January 6, 2016	0278-DW-010616
0279	San Gabriel Valley Water Company	Destroy Well	B9A	January 6, 2016	0279-DW-010616
0280	San Gabriel Valley Water Company	Destroy Well	B11A	January 6, 2016	0280-DW-010616
0281	San Gabriel Valley Water Company	Destroy Well	B11B	January 6, 2016	0281-DW-010616
0282	The Progressive Buddhist Association	New Well	Association	April 6, 2016	0282-NW-040616
0283	San Gabriel Valley Water Company	Destroy Well	12	April 6, 2016	0283-DW-040616
0284	San Gabriel Valley Water Company	Destroy Well	1	April 6, 2016	0284-DW-040616
0285	San Gabriel Valley Water Company	Destroy Well	2	April 6, 2016	0285-DW-040616
0286	San Gabriel Valley Water Company	Destroy Well	3	April 6, 2016	0286-DW-040616
0287	Arcadia Reclamation Inc.	New Well	ARI Well	March 1, 2017	0287-NW-030117
0288	California American Water	Destroy Well	Guess Well	December 6, 2017	0288-DW-120617
0289	San Gabriel Valley Water Company	Destroy Well	1C	March 7, 2018	0289-DW-030718
0290	Suburban Water Systems	Destroy Well	147 W-3	February 7, 2018	0290-DW-020718
0291	San Gabriel Valley Water Company	Destroy Well	8A	February 7, 2018	0291-DW-020718
0292	Murex Environmental, Inc.	Destroy Well	Crown City Plating Well	Withdrawn	--
0293	California Domestic Water Company	New Well	2A	October 3, 2018	0293-NW-100318
0294	Golden State Water Company	New Well	Baseline 5	June 5, 2019	0294-NW-060519
0295	California Domestic Water Company	Destroy Well	2	October 3, 2018	0295-DW-100318
0296	Golden State Water Company	Destroy Well	Baseline 4	June 5, 2019	0296-DW-060519
0297	Golden State Water Company	Destroy Well	Columbia 6	June 5, 2019	0297-DW-060519
0298	City of Covina	Destroy Well	1	September 11, 2019	0298-DW-091119
0299	City of Covina	Destroy Well	2	September 11, 2019	0299-DW-091119
0300	City of Arcadia	Treatment Facility	Live Oak	February 5, 2020	0300-TR-020520
0301	California-American Water Company (Duarte)	New Well	Live Oak	October 7, 2020	0301-NW-100720
0302	San Gabriel Valley Water Company	Treatment Facility	Plant 2	November 4, 2020	0302-TR-110420
0303	Golden State Water Company	New Well	Baseline 6	June 2, 2021	0303-NW-060221
0304	Golden State Water Company	Destroy Well	Baseline 3	June 2, 2021	0304-DW-060221
0305	Valley County Water District	Treatment Facility	Morada	September 7, 2022	0305-TR-090722
0306A	Amarillo Mutual Water Company	Emergency Exemption	1	December 7, 2022	0306A-MW-120722 ^{2/}
0306B	Amarillo Mutual Water Company	Treatment Facility	1	December 7, 2022	0306B-TR-120722

Appl. No.	Applicant	Type Appl.	Well Name	Approval Date	Permit #
0307	Golden State Water Company (San Dimas)	Destroy Well	Columbia 4	November 2, 2022	0307-DW-110222
0308	Golden State Water Company (San Dimas)	New Well	Sunflower 1	November 2, 2022	0308-NW-110222
0309	California Domestic Water Company	Treatment Facility	8	December 7, 2022	0309-TR-120722
0310	Golden State Water Company (San Gabriel)	Destroy Well	Saxon 3	January 4, 2023	0310-DW-010423
0311	Golden State Water Company (San Gabriel)	New Well	Saxon 5	June 7, 2023	0311-NW-060723
0312	City of Arcadia	New Well	Goldring	June 7, 2023	0312-NW-060723
0313	City of Arcadia	Treatment Facility	Goldring	June 7, 2023	0313-TR-060723
0314	Golden State Water Company (San Gabriel)	Treatment Facility	Encinitas 1, 2 & 3	June 7, 2023	0314-TR-060723

Note:

1/ Permit amended 10/7/20 to allow for temporary simultaneous use of Wells 9 and 11 with conditions.

2/ Emergency Exemption to Modify Well 1.

APPENDIX O

**SUMMARY OF TREATMENT FACILITY ACTIVITY
IN THE MAIN SAN GABRIEL BASIN**

APPENDIX O

SUMMARY OF TREATMENT FACILITY ACTIVITY
IN THE MAIN SAN GABRIEL BASIN AS OF JUNE 30, 2023

Operable Unit			Total Water Treated		Total Contaminants Removed	
Treatment Facility Owner	Treatment Facility(s)	Start Date 1/	Fiscal Year 2022-23 (Acre-feet)	Accum. Total (Acre-feet)	Fiscal Year 2022-23 (Pounds)	Accum. Total (Pounds)
AREA 3						
ALHAMBRA, CITY OF	Well No. 7	July 2001	—	7,582.35	—	130.1
	Well No. 7, 8, 11 & 12	April 2009	1,401.24	34,967.96	25.7	1,363.0
BPOU						
CALIFORNIA DOMESTIC WATER COMPANY	Well No. 3, Well No. 5A Well No. 6, & Well No. 10	September 1993 April 1997	13,570.18	427,360.92	2,030.7	26,170.7
LA PUENTE VALLEY COUNTY WATER DISTRICT	Well No. 2, 3 & 4 Well No. 2, 3 & 5 (BPOU)	August 1992 January 2000	— 3,722.64	11,493.13 78,879.15	— 412.6	826.9 12,924.2
SAN GABRIEL VALLEY WATER COMPANY	Well B6C 2/ Well B6D 2/ Plant B5 (BPOU) Plant B6 (BPOU)	April 1994 April 1994 January 2007 September 2004	— — 10,760.52 8,179.95	5,194.17 14,526.27 164,603.86 156,251.06	— — 398.7 1,782.6	856.2 421.7 6,529.4 32,782.9
VALLEY COUNTY WATER DISTRICT	Lante Lante, SA1-1, SA1-2, & SA1-4 (BPOU)	June 1984 December 2004	— 4,289.87	7,719.61 93,520.23	— 643.4	10,356.7 46,024.4
EMOU						
ADAMS RANCH MUTUAL WATER COMPANY	Well No. 3 2/	November 2003	—	881.58	—	32.7
EL MONTE, CITY OF	Well No. 14, 15 & 16 3/	January 2019	923.00	6,689.31	80.4	434.8
GOULD AND JOHNSON CONTROLS	EMOU (Shallow Zone)	October 2015	25.81	317.60	2.9	47.7
GOLDEN STATE WATER COMPANY (SGV)	Encinita No. 1, 2 & 3	April 1998	1,633.97	37,125.27	28.0	825.7
HERMETIC SEAL CORPORATION	Hermetic Seal	May 2012	37.97	584.18	3.6	57.3
PVOU						
BDP - CARRIER	Carrier 2/	April 1988	0.00	6,789.57	0.0	2,843.1
SEMOU						
MONTEREY PARK, CITY OF	Well No. 5 Well No. 9 & 12, 15	September 1999 April 2002	0.00 3,649.46	20,090.00 103,809.55	0.0 365.2	1,404.2 16,643.4
SAN GABRIEL VALLEY WATER COMPANY	Well 8B, 8C, 8D & 8E	August 2002	3,011.58	62,180.70	643.0	10,753.6
GOLDEN STATE WATER COMPANY (SGV)	San Gabriel No.1 & 2	November 2001	1,461.15	29,757.84	35.5	827.8
WNOU						
EPA	WNOU (Shallow Zone) 2/	December 1999	—	30,065.52	—	1,618.9
SAN GABRIEL VALLEY WATER COMPANY	WNOU (Intermediate Zone) 4/	December 2005	1,838.23	65,832.23	4.2	1,892.2
PRODUCER FACILITY						
ARCADIA, CITY OF	Longden 1 & 2 Live Oak 1	January 1985 July 2021	161.28 3,612.75	73,140.38 6,912.73	0.6 26.4	762.3 62.0
BOZUNG	Well B36, F38, F39 & BC34 5/	October 1994	—	233.00	—	131.3
COVINA IRRIGATING COMPANY	Baldwin 1, Baldwin 2, & Baldwin 3	April 2021	2,283.62	5,310.46	9.4	13.0

Operable Unit			Total Water Treated		Total Contaminants Removed	
Treatment Facility Owner	Treatment Facility(s)	Start Date 1/	Fiscal Year 2022-23 (Acre-feet)	Accum. Total (Acre-feet)	Fiscal Year 2022-23 (Pounds)	Accum. Total (Pounds)
EL MONTE, CITY OF	Well No. 12 Well No. 10 2/ Well No. 2A	February 1997 May 2004 July 1999	47.36 — 378.83	16,641.24 6,380.82 13,054.89	9.1 — 4.0	1,209.3 43.4 172.0
EPA	Richwood (North Well) 6/ Richwood (South Well) 6/	April 1990 April 1990	—	451.98	—	5.8
PRODUCER FACILITY						
GOLDEN STATE WATER COMPANY (SD)	Art 2 & 3, Base 3 & 4, Hwy 1	May 2005	0.00	19,839.17	0.0	367.7
GOLDEN STATE WATER COMPANY (SGV)	Garvey No. 3	June 2016	656.26	3,696.42	7.2	36.6
HEMLOCK MUTUAL WATER COMPANY	Hemlock (North Well) 2/ Hemlock (South Well) 2/	April 1986 April 1986	—	2,553.65	—	44.6
MONROVIA, CITY OF	Wells No. 2 & 6 Wells No. 3, 4 & 5	March 1996 October 2007	2,613.51 1,602.57	56,884.39 29,809.02	81.3 7.4	1,239.3 248.8
MONTEREY PARK, CITY OF	Well No. 1, 3, 10 & Fern	June 2004	2,464.17	37,596.48	85.4	1,963.0
SAN GABRIEL VALLEY WATER COMPANY	Well 11B Well B11B Well B7C 7/ Well B4B & B4C Well G4A	March 1991 March 1993 March 1993 January 1999 December 2005	0.00 578.46 — — 600.31	45,136.03 52,425.36 46,711.28 24,093.04 6,869.27	0.0 26.2 — — 42.7	320.1 3,548.6 1,824.2 1,233.5 193.3
SOUTH PASADENA, CITY OF	Wilson 3 & Wilson 4	January 2019	2,779.27	14,361.99	216.8	1,034.0
SUBURBAN WATER SYSTEMS	Well No. 140W-4 2/	May 2001	—	2,247.59	—	16.2
VALLEY COUNTY WATER DISTRICT	Maine East & West Nixon East & West	June 1990 January 2004	2,438.36 3,224.85	68,238.53 71,179.35	0.2 3.4	1,831.6 337.6
WATER QUALITY AUTHORITY	Arrow (Project No. 1) 2/ Big Dalton (Project No. 2) 2/ Whitmore Street SEMOU	February 1992 March 1997 January 2008 July 1999	— — 12.98 —	7,250.41 1,229.02 373.50 3,885.19	— — 6.7 —	17,423.0 82.5 211.1 1,558.5
TOTAL			77,960.15	1,982,727.25	6,983.4	211,681.0

Footnotes:

1/ From date of beginning of operation.

2/ Well(s) no longer pumps to treatment facility.

3/ EMOU (Deep Zone) operation transferred to City of El Monte in January 2019.

4/ Previously operated by City of Whittier from December 2005 to May 2013.

5/ Treatment facility has been permanently dismantled.

6/ Wells destroyed in June 1999.

7/ Well destroyed in October 2016.

APPENDIX P

**HISTORY OF ANNUAL
WATERMASTER ASSESSMENTS**

APPENDIX P

HISTORY OF ANNUAL WATERMASTER ASSESSMENTS
(DOLLARS PER ACRE-FOOT, EXCEPT WHERE INDICATED)

Fiscal Year 1/	Administration 2/	Special Administration 3/	Make-up 4/	In-lieu 5/	Water Resource Development 6/	Replacement 7/	Delinquent Payment Interest Rate
1971-72	\$0.20	--	--	--	--	--	--
1972-73	\$0.35	--	--	--	--	--	--
1973-74	\$0.33	--	\$0.05	--	--	\$30.00	10.00%
1974-75	\$0.33	--	\$0.45	--	--	\$43.00	10.00%
1975-76	\$0.45	--	\$2.30	--	--	\$42.00	10.00%
1976-77	\$0.45	--	\$7.50	--	--	\$41.00	10.00%
1977-78	\$0.45	--	\$3.50	--	--	\$48.00	10.00%
1978-79	\$0.90	--	\$3.50	--	--	\$48.00	10.00%
1979-80	\$1.10	--	\$12.00	--	--	\$53.00	12.00%
1980-81	\$1.27	--	\$10.00	--	--	\$60.00	21.50%
1981-82	\$1.27	--	\$10.00	--	--	\$61.00	16.00%
1982-83	\$1.27	--	\$9.00	--	--	\$100.00	11.50%
1983-84	\$2.57	--	\$9.00	--	--	\$153.00	14.00%
1984-85	\$2.00	--	\$5.00	--	--	\$148.00	10.50%
1985-86	\$2.42	--	\$1.00	--	--	\$153.00	10.00%
1986-87	\$2.00	--	\$0.50	--	--	\$153.00	10.00%
1987-88	\$2.50	--	\$2.00	--	--	\$153.00	10.00%
1988-89	\$6.00	--	\$3.00	--	--	\$115.00	11.50%
1989-90	\$6.00	\$3.00	\$3.00	\$0.60	--	\$115.00	11.00%
1990-91	\$11.00	\$5.00	\$3.00	\$0.30	--	\$136.50	8/ 10.00%
						\$115.00	9/
						\$132.00	10/
1991-92	\$12.50	\$5.00	\$1.50	\$0.30	--	\$178.40	8/ 10.00%
						\$120.00	9/
						\$176.40	10/
1992-93	\$9.00	--	\$0.50	\$0.60	--	\$220.40	8/,10/ 10.00%
						\$120.00	9/
1993-94	\$6.00	--	\$0.50	\$1.10	--	\$235.10	8/,10/ 10.00%
						\$120.00	9/
1994-95	\$8.50	--	\$0.50	\$0.65	--	\$242.45	8/,10/ 10.00%
						\$130.00	9/
1995-96	\$8.50	--	\$0.50	\$0.65	--	\$242.45	8/ 10.00%
						\$130.00	9/
						\$239.00	10/
1996-97	\$7.00	--	\$0.00	\$0.65	--	\$246.65	8/,10/ 10.00%
						\$130.00	9/
1997-98	\$7.00	--	\$0.00	\$1.50	--	\$246.65	8/ 10.00%
						\$130.00	9/
						\$245.00	10/
1998-99	\$7.50	--	\$0.00	\$1.70	--	\$246.65	8/ 10.00%
						\$130.00	9/
						\$245.00	10/

Fiscal Year 1/	Administration 2/	Special Administration 3/	Make-up 4/	In-lieu 5/	Water Resource Development 6/	Replacement 7/	Delinquent Payment Interest Rate
1999-00	\$8.45	--	\$0.00	\$1.40	--	\$246.65 8/ \$130.00 9/ \$245.00 10/	10.50%
2000-01	\$7.00	--	\$0.00	\$0.50	--	\$246.65 8/ \$130.00 9/ \$245.00 10/	10.00%
2001-02	\$6.00	--	\$0.00	\$0.40	--	\$246.65 8/ \$153.00 9/ \$265.00 10/	10.00%
2002-03	\$6.50	--	\$0.00	\$1.00	--	\$246.65 8/ \$147.00 9/ \$265.00 10/	10.00%
2003-04	\$9.00	--	\$0.00	\$1.05	--	\$246.65 8/ \$165.00 9/ \$265.00 10/	10.00%
2004-05	\$12.75	--	\$0.00	\$1.20	--	\$246.65 8/ \$130.00 9/ \$265.00 10/	10.00%
2005-06	\$7.00	--	\$0.00	\$1.25	--	\$251.90 8/ \$130.00 9/ \$238.00 10/	10.00%
2006-07	\$7.50	--	\$0.00	\$1.50	--	\$251.90 8/ \$130.00 9/ \$238.00 10/	10.00%
2007-08	\$5.00	--	\$0.00	\$1.40	--	\$251.90 8/ \$130.00 9/ \$261.00 10/	10.00%
2008-09	\$10.00	--	\$0.00	\$5.05	--	\$450.00 8/ \$130.00 9/ \$387.00 10/	10.00%
2009-10	\$11.75	--	\$0.00	\$1.25	--	\$587.00 8/ \$130.00 9/ \$527.00 10/	10.00%
2010-11	\$13.00	--	\$0.00	\$1.00	--	\$512.00 8/ \$130.00 9/ \$409.00 10/	10.00%
2011-12	\$13.00	--	\$0.00	\$2.05	--	\$640.00 8/ \$130.00 9/ \$559.00 10/	10.00%
2012-13	\$15.00	--	\$0.00	\$2.05	--	\$673.00 8/ \$130.00 9/ \$600.00 10/	10.00%
2013-14	\$15.00	--	\$0.00	\$2.05	--	\$773.00 8/ \$230.00 9/ \$700.00 10/	10.00%

Fiscal Year 1/	Administration 2/	Special Administration 3/	Make-up 4/	In-lieu 5/	Water Resource Development 6/	Replacement 7/	Delinquent Payment Interest Rate
2014-15	\$15.00	--	\$0.00	\$10.00	\$20.00	\$773.00 \$145.00 \$700.00	8/ 9/ 10/ 10.00%
2015-16	\$15.00	--	\$0.00	\$10.00	\$20.00	\$773.00 \$165.00 \$700.00	8/ 9/ 10/ 10.00%
2016-17	\$15.00	--	\$0.00	\$10.00	\$40.00	\$869.00 \$165.00 \$779.00	8/ 9/ 10/ 10.00%
2017-18	\$15.00	--	\$0.00	\$10.00	\$70.00	\$898.00 \$185.00 \$795.00	8/ 9/ 10/ 10.00%
2018-19	\$15.00	--	\$0.00	\$10.00	\$105.00	\$934.00 \$200.00 \$831.00	8/ 9/ 10/ 10.00%
2019-20	\$17.00	--	\$0.00	\$8.00	\$140.00	\$958.00 \$200.00 \$855.00	8/ 9/ 10/ 10.00%
2020-21	\$17.00	--	\$0.00	\$8.00	\$175.00	\$980.00 \$200.00 \$877.00	8/ 9/ 10/ 10.00%
2021-22	\$17.00	--	\$0.00	\$8.00	\$175.00	\$1,002.00 \$200.00 \$899.00	8/ 9/ 10/ 10.00%
2022-23	\$18.00	--	\$0.00	\$8.00	\$175.00	\$1,058.00 \$200.00 \$955.00	8/ 9/ 10/ 10.00%

1/ Assessments and interest rates apply to production during fiscal year indicated.

2/ The Administration Assessment is uniformly applied to each acre-foot of production and is used to fund the Administration Budget shown in Appendix Q.

3/ The Special Administration Assessment is uniformly applied to each acre-foot of production and is used to fund costs associated with Main San Gabriel Basin cleanup activities.

4/ The Make-up Water Assessment is applied to each acre-foot of production that does not bear a Replacement Water Assessment. The Assessment is not applicable to production for an Overlying Right. It is used to fund the Administration costs and Make-up Water Obligation under the Long Beach Judgment.

5/ The In-lieu Assessment is applied to each acre-foot of production, except the non-consumptive use portion of an Overlying Right, and is used to fund the differential cost of Supplemental Water for producers to take delivery of Supplemental Water as requested by Watermaster.

6/ The Water Resource Development Assessment is uniformly applied to each acre-foot of production and is used to fund costs associated with the purchase and delivery of untreated imported water to supplement stormwater replenishment.

7/ The Replacement Water Assessment is applied on production in excess of a production right and is used to purchase Supplemental Water from the appropriate Responsible Agency.

8/ Upper San Gabriel Valley Municipal Water District.

9/ San Gabriel Valley Municipal Water District.

10/ Three Valleys Municipal Water District.

APPENDIX Q

WATER RESOURCES DEVELOPMENT ASSESSMENT ACCOUNTING TO EACH RESPONSIBLE AGENCY

APPENDIX Q
WATER RESOURCE DEVELOPMENT ASSESSMENT
ACCOUNTING TO EACH RESPONSIBLE AGENCY

RDA I (Emergency Supply)

Fiscal Year	Total Revenue (\$)	RDA I Requirement (AF)			
		Upper District	San Gabriel District	Three Valleys District	Total
2014-15	\$4,147,100	5,622	902	416	6,940
2015-16	\$3,635,325	4,713	761	342	5,816
2016-17	--	--	--	--	--
2017-18	--	--	--	--	--
2018-19	--	--	--	--	--
2019-20	--	--	--	--	--
2020-21	--	--	--	--	--
2021-22	--	--	--	--	--

RDA II (Stormwater Augmentation)

Fiscal Year	Total Revenue (\$)	RDA II Requirement (AF)							
		Upper District		San Gabriel District		Three Valleys District		Total	
		Obligations	Deliveries Following Year	Obligations	Deliveries Following Year	Obligations	Deliveries Following Year	Obligations	Deliveries Following Year
2014-15	--	--	--	--	--	--	--	--	--
2015-16	--	--	--	--	--	--	--	--	--
2016-17	--	--	--	--	--	--	--	--	--
2017-18	\$7,800,938	9,236	9,236	1,492	1,492	670	670	11,398	11,398
2018-19	\$14,461,257	15,297	15,297	2,471	2,471	1,110	1,110	18,878	18,878
2019-20	\$19,735,063	20,056	20,056	3,240	0	1,455	1,455	24,751	21,511
2020-21	\$26,679,206	25,603	31,270	4,136	0	1,858	2,375	31,597	33,645
2021-22	\$36,060,143	33,839	14,719	5,467	0	2,456	2,850	41,762	17,569
2022-23	\$32,412,774	29,758	38,139	4,807	0	2,159	2,496	36,724	40,635

Percentages: 81.03% in UD, 5.88% in TVD, and 13.09% in SGD; If SGD unable to deliver water, percentage for UD is 93% and TVD is 7%.

APPENDIX R

ADMINISTRATION BUDGET
2023-2024



2023-24 Adopted Administration Budget

Attachment "A"

	2022-23 Adopted Budget	2022-23 Estimated Actual	2023-24 Adopted Budget
REVENUE			
Administrative Assessment*	\$ 3,060,000	\$ 3,149,851	\$ 3,240,000
BPOU Reimbursements	152,000	105,000	155,000
Interest Income	5,000	40,000	40,000
Admin/Other Income	306,100	305,100	319,400
Forward from Previous Fiscal Year	1,536,793	1,896,459	1,220,260
TOTAL REVENUE	\$ 5,059,893	\$ 5,496,410	\$ 4,974,660
EXPENSES			
Watermaster Board Compensation	\$ 20,000	\$ 15,000	20,000
Salaries, Benefits & Employee Development	1,877,000	1,669,000	2,038,500
Meeting and Travel	25,000	15,000	25,000
Vehicle Expense	11,000	10,000	11,000
Insurance	37,700	37,100	39,000
Office Supplies, Services, Rent and O&M	267,600	251,550	279,700
Legal Services	450,000	350,000	450,000
Audit	25,000	27,700	22,000
Public Education	121,000	118,000	115,000
Engineering	442,000	332,000	448,000
Production Reporting	5,000	5,000	5,000
Inspection/Meter Checks	37,500	37,500	37,500
Water Quality Monitoring	1,187,300	1,144,300	1,168,300
Water Quality Management	215,000	264,000	270,000
Contingency (Balance Figure)	338,793	-	45,660
TOTAL EXPENSES	\$ 5,059,893	\$ 4,276,150	\$ 4,974,660

* Figure based on Administrative Assessment of \$18/AF (\$18/AF X 180,000 AF = \$3,240,000)

Attachment "A"

**Main San Gabriel Basin Watermaster
2023-24 Administration Budget
Detail of Revenues**

Assessments Received (2022-23 Production)		\$ 3,240,000
Estimate of Production (AF)	180,000	
Proposed Admin. Assessment (\$/AF)	\$18.00	
BPOU Reimbursement		\$ 155,000
BPOU Labor & OH	155,000	
Interest		\$ 40,000
Interest on Operating Cash	40,000	
Admin/Other Income		\$ 319,400
Administrative Reimbursement	318,400	
Other Income (Carrier/Sale of Annl Rpts etc.)	1,000	
Forward from Previous Fiscal Year		\$ <u>1,220,260</u>
<i>TOTAL REVENUE</i>		\$ 4,974,660

**Main San Gabriel Basin Watermaster
2023-24 Administration Budget
Detail of Expenditures**

Watermaster Board Compensation		\$	20,000
Salaries/Benefits/Employee Development		\$	2,038,500
Salaries & Overtime	1,260,600		
Benefits & Taxes	674,700		
Contribution to Medical Retiree Fund	88,200		
Employee Educational Reimbursement	10,000		
Employee Training	5,000		
Meeting/Travel		\$	25,000
ACWA/Basin conferences	18,000		
In-house meeting expense	3,000		
Outside meeting expense	3,200		
Employee Recognition and Christmas Luncheon	800		
Vehicle Expense		\$	11,000
1 car allowance @ \$700/mo	8,400		
Staff mileage reimbursement	2,600		
Insurance		\$	39,000
Staff, Treasurer's Bonds & Notary	350		
Travel/Accident Insurance	750		
Liability Coverage (inc D&O and Pollution Protection)	35,000		
Property & Cyber Liability Coverage	2,900		
Supplies/O&M		\$	279,700
Building lease @ \$5,578/mo	67,000		
Management Fee and O&M	20,000		
Office Improvements	6,000		
Postage & meter lease	5,000		
Copier lease/usage	11,000		
Telephone	8,000		
Printing Expense	12,000		
Office supplies & services	50,000		
Dues (associations, professional)	33,700		
Equipment Maintenance/Agreements	47,500		
Computer/Office Equipment	19,500		
Legal Services		\$	450,000
Nossaman LLP	450,000		
Auditing Fees		\$	22,000
Financial Audit (incl. Actuaries)	22,000		
Public Education		\$	115,000
Events (Water Forum)	-		
WM public education/relations material	25,000		
WM Outreach messaging	90,000		

Engineering		\$	294,000
General (meetings, OSY, annual report, etc.)	284,000		
Landfill inspections	10,000		
Federal, State, County - Technical Review		\$	154,000
General Review (meetings, report prep, studies, etc.)	126,000		
Database Management	16,000		
CASGEM	2,000		
Modeling	10,000		
Production Reporting	5,000	\$	5,000
Inspection/Meter Checks	37,500	\$	37,500
Water Quality Monitoring		\$	1,168,300
Sampling/Administration & Lab (Title 22)	553,300		
Sampling/Administration & Lab (UCMR5)	260,000		
Sampling/Administration & Lab (PFAS)	355,000		
SOC Waivers (every 3 years)	-		
Water Quality Management		\$	270,000
Section 28 Staff Reports	100,000		
Five-Year Plan	50,000		
Groundwater monitoring /well testing program	110,000		
Quagga Mussel Plan	10,000		
Contingency (balance figure)		\$	45,660
<i>TOTAL EXPENSES</i>		\$	<i>4,974,660</i>

APPENDIX S

AUDIT OF FINANCIAL STATEMENTS

**MAIN SAN GABRIEL BASIN WATERMASTER
REPORT ON AUDIT OF FINANCIAL STATEMENTS AND
SUPPLEMENTARY INFORMATION
YEARS ENDED JUNE 30, 2023 AND 2022**



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**MAIN SAN GABRIEL BASIN WATERMASTER
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YEARS ENDED JUNE 30, 2023 AND 2022**

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INDEPENDENT AUDITORS' REPORT

Watermaster Board
Main San Gabriel Basin Watermaster
Azusa, California

Report on the Audit of the Financial Statements

Opinion

We have audited the accompanying financial statements of Main San Gabriel Basin Watermaster (Watermaster), which comprise the balance sheets as of June 30, 2023 and 2022, and the related statements of revenue, expenses, and changes in net assets, and cash flows for the years then ended, and the related notes to the financial statements.

In our opinion, the financial statements referred to above present fairly, in all material respects, the financial position of Watermaster, as of June 30, 2023 and 2022, and the results of its operations and its cash flows for the years then ended in accordance with accounting principles generally accepted in the United States of America.

Basis for Opinion

We conducted our audits in accordance with auditing standards generally accepted in the United States of America (GAAS). Our responsibilities under those standards are further described in the Auditors' Responsibilities for the Audit of the Financial Statements section of our report. We are required to be independent of Watermaster and to meet our other ethical responsibilities in accordance with the relevant ethical requirements relating to our audits. We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our audit opinion.

Responsibilities of Management for the Financial Statements

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 Watermaster ability to continue as a going concern for one year after the date the financial statements are available to be issued.

Auditors' 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 auditors' report that includes our opinion. 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 Watermaster'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 Watermaster'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.

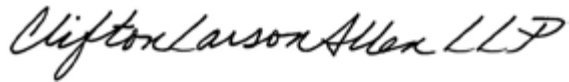
Supplementary Information

Our audits were conducted for the purpose of forming an opinion on the financial statements as a whole. The schedules of revenues, expenses, and changes in net assets by fund is presented for purposes of additional analysis and is not a required part of the financial statements. Such information is the responsibility of management and was derived from and relates directly to the underlying accounting and other records used to prepare the financial statements. The information has been subjected to the auditing procedures applied in the audit of the financial statements and certain additional procedures, including comparing and reconciling such information directly to the underlying accounting and other records used to prepare the financial statements or to the financial statements themselves, and other additional procedures in accordance with GAAS. In our opinion, the information is fairly stated in all material respects in relation to the financial statements as a whole.

Other Information Included in the Annual Report

Management is responsible for the other information included in the annual report. The other information comprises the Management's Discussion and Analysis but does not include the financial statements and our auditors' report thereon. Our opinion on the financial statements does 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.

A handwritten signature in cursive script that reads "CliftonLarsonAllen LLP".

CliftonLarsonAllen LLP

Glendora, California
September 25, 2023

**MAIN SAN GABRIEL BASIN WATERMASTER
MANAGEMENT'S DISCUSSION AND ANALYSIS
JUNE 30, 2023 AND 2022**

Background

The Main San Gabriel Basin Watermaster (Watermaster) was created by the Los Angeles Superior Court through a stipulated judgment (LASC Case 924128) to administer water rights and manage the Main San Gabriel Groundwater Basin. The Judgment prescribes Watermaster's authorities and specifies five classes of water production assessments to be used to fund certain activities. Those assessment categories are: Administrative, Replacement Water, Make-up Water, In-Lieu, and Water Resource Development Assessment. Each class of assessment has a prescribed purpose and water production base. Assessment revenue is Watermaster's principal source of income.

Watermaster's Administrative Fund includes funds for administrative expense as budgeted each year.

The Replacement Water Fund is an assessment collected to purchase imported water to cover any production in excess of production rights, as established with the Annual Operating Safe Yield.

The Make-up Obligation Fund is money collected to purchase Make-up Water for the Lower Area (Central Basin) as part of the Long Beach Judgment. This assessment is reviewed annually and has been suspended since FY 1996-97 production due to a water accounting credit. These funds are held in anticipation of a potential future obligation to the Lower Area.

Watermaster's In-Lieu Assessment covers the cost of the Alhambra Exchange as well as the Direct Delivery Imported Water Program that was implemented in 2014-15, though not utilized in FY 2022-23. The Program was intended to shift an agency's groundwater production to a treated Metropolitan Water District connection to supply system demand in times of drought and consequently helping to keep groundwater levels from additional decline. This also includes Ready-to-Serve Charges, and the Capacity Charge within the Replacement Water Fund under the In-Lieu subheading.

During FY 2013-14, Watermaster adopted Resolution No. 09-13-257 declaring its intention to create a Water Resource Development Assessment (RDA) as a source of funding to pre-purchase water for basin storage and reliability. On May 14, 2014, the Board adopted Resolution No. 05-14-263 establishing the RDA for implementation on all FY 2014-15 production, with an accounting of each Producer's contribution.

During FY 2015-16, Watermaster developed a Stormwater Augmentation Program to help manage Basin water supplies under severe drought conditions. Through this, the Board revised Watermaster's Water Resource Development Assessment Policy to provide a funding source for water purchases for general, Basin-wide benefit, referred to as the RDA II. In early 2017, after significant rainfall and run-off in Northern California, MWD approached Watermaster with an opportunity to purchase excess supplies from the State Water Project. The Executive Officer and Watermaster Board negotiated a cyclic delivery to MWD's existing account in the Basin, with a 5-year payment plan, based on the RDA II assessment policy criteria. The same arrangement for an additional delivery was also approved by the Watermaster Board and MWD in early 2019. Funds from the RDA provided the mechanism to commit to this purchase of available supplemental water supplies.

On May 4, 2022, the Watermaster Board adopted Resolution No. 05-22-311 setting FY 2021-22 assessment rates, including RDA, on all water produced during FY 2021-22. RDA II includes a ramping schedule to fund the purchase of MWD's cyclic deliveries.

**MAIN SAN GABRIEL BASIN WATERMASTER
MANAGEMENT'S DISCUSSION AND ANALYSIS
JUNE 30, 2023 AND 2022**

Summary of Financial Information

For the year ending June 30, 2023, Watermaster's Total Assets increased by 2.7% to \$70.497 million, including an increase of 53.6% in Net Assets to \$63.724 million. The Administrative Fund had a net increase of \$101,000 primarily due to an increase in Assessments as a result of increased production in FY 2021-22 versus the budgeted projection, and LAIF Interest Income. The Replacement Fund had a net increase of \$21.9 million mainly due to the RDA Funds received being retained until additional water is available by calendar year-end. Water Purchases from the MWD required water order, and the Reverse Cyclic Program water covered Producer Cyclic water orders, and unfulfilled prior year RDA water order, as well as some current year RDA water. Also, this fund included \$1.1 million in LAIF Interest Earned. The Make-Up Obligation Fund had a net increase of \$217,281 since the LAIF rates increased during this fiscal year; therefore, the revenue was more than the San Gabriel River Watermaster Expense.

Current liabilities include accounts payable of \$6 million in the Replacement Fund of which \$1.1 Million is for the Reverse Cyclic Program Surcharge, \$852,000 for two producers Cyclic Storage Orders, plus pending delivery of \$3.6 million from San Gabriel Valley Municipal Water District for Replacement Obligation, and \$96,000 for Sonoco's Replacement Water Obligation due to a seven-year production adjustment.

Noncurrent liabilities increased by \$15,108 for Other Postemployment Benefits (OPEB) compared to an increase of \$63,439 in the prior year due to the update of the discount rate. Watermaster's Actuarial Valuation is done every two years, which includes the following year's projections and helps minimize larger adjustments each year. Currently, Watermaster funds retiree health benefits on a pay-as-you-go basis by previously withholding a portion of annual employee salary Cost of Living Adjustments (COLA). In FY 2022-23, the Board approved the COLA for employees without additional deduction but maintained the existing 7%. These funds are set aside for the payment of current and future retiree health benefits. Currently, the market value of assets set aside for this purpose, as of June 30, 2023, is greater than the projected Accumulated Postretirement Benefit Obligation on June 30, 2023, by \$266,991.

Review of Revenues and Expenses

The Administrative Assessment revenue decreased from the prior year by \$352,188 due to lower production (185,296.56 AF assessed in FY 2022-23 for water produced in 2021-22 vs. 206,103.99 AF assessed in FY 2021-22 for water produced in 2020-21), with the assessment remaining the same at \$17 per acre-foot, the difference is accounted by Sonoco's prior years' production adjustment assessments. The decrease in Engineering Fees from the previous year was \$29,230, for Water Quality Monitoring expenses was \$56,990, an increase to Water Quality Management expenses by \$72,406, and for Administrative and General expenses a slight increase of \$8,595.

Operating revenues in the Replacement Water Fund decreased by \$5 million primarily due to the decrease in overall production, in part due to conservation efforts, for Replacement Obligation and RDA. In FY 2022-23, Cyclic Storage Water purchases increased by \$4.8 million from the prior year. Also, in FY 2022-23, overall Water Purchases decreased by \$24 Million due to retaining the RDA Funds until the water is available to order by calendar year-end.

**MAIN SAN GABRIEL BASIN WATERMASTER
MANAGEMENT'S DISCUSSION AND ANALYSIS
JUNE 30, 2023 AND 2022**

The In-Lieu Assessment revenue decreased by \$165,534, due to lower production, while the assessment remained at \$8 per acre-foot. This assessment covers the Direct Delivery In-Lieu Water Purchases Program (though not utilized this fiscal year), the Alhambra Exchange Agreement (AEA), the Ready-to-Serve Charge, and the Metropolitan Water District Capacity Charge assessed for taking treated imported water during peak demand. In FY 2022-23, a transfer from the In-Lieu Fund to the Replacement Fund was made to cover the SGVMWD Deferred Replacement Water Obligation to meet the AEA calculations.

Comparison of FY 2022-23 Administration Budget to Actual Revenues and Expenses

Administrative Assessment revenue came in higher than the budgeted amount due to production being higher than budgeted. Other Income and Reimbursements, which includes BPOU Reimbursements for Labor and Overhead, came in lower than Budget by about \$20,000. Interest Income was budgeted conservatively when rates were going down in the prior year, then in the current year the rates continued to increase by about 2%.

Overall, Engineering and related expenses came in lower than budget by approximately 27%. These savings include the Database Management costs for Stetson and LDC, combined costs came in about \$9,000 under budget. Also, there were some savings under Engineering Federal/State Work for PVOU & EMOU by \$8,000 each, as well as Inspection/Meter Checks by Golden Meters Service came in lower by \$8,600. Other specific items budgeted and unused this fiscal year include \$40,000 for MWD Carson Recycled Water Project, \$10,000 for Conjunctive Use Related Work, and \$10,000 for Model Upgrade. Additionally, savings were seen in WQ Monitoring primarily due to PFAS Lab & Sampling costs, and Title 22 Lab Costs. Under WQ Management, Section 28 Staff Reports came in about \$70,000 more than budgeted as a result of a higher number of applications for new wells and/or treatment facilities. This was offset by savings of about \$19,000 under the Five-Year Plan, and the unused Quagga Mussel Plan Budget.

Legal expenses for the year were budgeted to include legal assistance with anticipated regulatory approvals for the Quagga Mussel Plan and concerns regarding environmental and habitat regulations. In total, legal expenses for fiscal year 2022-23 were 71% lower than budgeted.

Under Administrative costs, areas of higher than budgeted expenditures include Accounting & Auditing, Depreciation, and Telephone Expense. The audit was budgeted based on prior year costs when there was a reduction, but the current costs came in closer to the year before. Depreciation Expense is not a budgeted item since it only reduces the fixed assets and it's not a cash related expense. Telephone Expense came in higher by about \$1,000 due to the transition from the costs being included in the Telephone equipment loan to the service provider after the budget process.

Budget savings in Administrative costs were seen in several areas. Salaries and Benefits posted 9% lower than expected due to unfilled Water Resources Analyst I position. Meeting and Travel Expense had a savings of about \$13,000. As we transition from Zoom meetings to in person, the costs are beginning to return to pre-pandemic levels. This account also includes two ACWA/JPIA conference costs. Office Improvements shows an unused budget of \$6,000, but together with savings under Office Equipment, which includes Office Furniture, as well as other costs savings, covered the replacement of the office carpet and the Controller's Office Furniture, which posted to Fixed Assets. Also, this year we had no Employee Education Reimbursements, and a minimum amount of Employee Training Costs since most of our training was done through our insurance provider utilizing a benefit called Target Solutions, at no additional cost. The contingency line item of \$338,793 was left unused for FY 2022-23.

**MAIN SAN GABRIEL BASIN WATERMASTER
MANAGEMENT'S DISCUSSION AND ANALYSIS
JUNE 30, 2023 AND 2022**

The financial report contained herein is designed to provide a general overview of the finances, activities, and operations of the Watermaster. To obtain additional information, please feel free to contact the Main San Gabriel Basin Watermaster at 626-815-1300.

MAIN SAN GABRIEL BASIN WATERMASTER

BALANCE SHEETS JUNE 30, 2023 AND 2022

	2023	2022
ASSETS		
CURRENT ASSETS		
Cash and Cash Equivalents	\$ 61,398,249	\$ 59,307,313
Accounts Receivable	107,101	1,191,893
Due from BPOU Committee	718,528	259,401
Accrued Interest Receivable	475,889	111,459
Prepaid Expenses	11,996	12,663
Employee Loans Receivable	1,215	-
Total Current Assets	62,712,978	60,882,729
NONCURRENT ASSETS		
Prepaid Water Purchases	7,750,972	7,750,972
Equipment and Leasehold Improvements, Net	32,568	6,113
Total Noncurrent Assets	7,783,540	7,757,085
Total Assets	<u>\$ 70,496,518</u>	<u>\$ 68,639,814</u>
LIABILITIES AND NET ASSETS		
CURRENT LIABILITIES		
Accounts Payable	\$ 6,245,965	\$ 26,550,511
Accrued Payroll	-	82,137
Accrued Vacation	87,324	81,015
Deferred Revenue	8,185	14,235
Total Current Liabilities	6,341,474	26,727,898
NONCURRENT LIABILITIES		
Postretirement Benefit Obligation	430,689	415,581
Total Noncurrent Liabilities	430,689	415,581
Total Liabilities	6,772,163	27,143,479
NET ASSETS		
Without Restrictions:		
Administrative Fund	2,804,107	2,702,623
Replacement Fund	47,125,180	25,215,925
Make-Up Fund	13,795,068	13,577,787
Total Net Assets	63,724,355	41,496,335
Total Liabilities and Net Assets	<u>\$ 70,496,518</u>	<u>\$ 68,639,814</u>

MAIN SAN GABRIEL BASIN WATERMASTER
STATEMENTS OF REVENUES, EXPENSES, AND CHANGE IN NET ASSETS
YEARS ENDED JUNE 30, 2023 AND 2022

	<u>2023</u>	<u>2022</u>
OPERATING REVENUES		
Administrative Assessments, Net	\$ 3,151,580	\$ 3,503,768
In-Lieu Assessments	1,483,095	1,648,629
Replacement Assessments, Net	35,627,518	40,587,535
Cyclic Storage	16,072,941	11,228,485
Other Income and Reimbursements	<u>434,046</u>	<u>386,962</u>
Total Operating Revenues	56,769,180	57,355,379
OPERATING EXPENSES		
Water Purchases	16,033,501	40,158,498
Cyclic Storage	15,817,476	11,228,485
In-Lieu Expenses	531,213	518,345
Engineering Fees	354,632	383,862
Water Quality Monitoring	664,403	721,393
Water Quality Management	268,278	195,872
Administrative and General	2,383,730	2,375,135
Depreciation Expense	<u>2,447</u>	<u>8,780</u>
Total Operating Expenses	<u>36,055,680</u>	<u>55,590,370</u>
OPERATING INCOME	20,713,500	1,765,009
NONOPERATING REVENUES (EXPENSES)		
Interest Income and Other Income (Expense)	1,508,414	219,536
Postretirement-Related Changes		
Other than Net Periodic Benefit Cost	<u>6,106</u>	<u>(45,098)</u>
Total Nonoperating Revenues	<u>1,514,520</u>	<u>174,438</u>
CHANGES IN NET ASSETS	22,228,020	1,939,447
Net Assets - Beginning of Year	<u>41,496,335</u>	<u>39,556,888</u>
NET ASSETS - END OF YEAR	<u><u>\$ 63,724,355</u></u>	<u><u>\$ 41,496,335</u></u>

See accompanying Notes to Financial Statements.

MAIN SAN GABRIEL BASIN WATERMASTER
STATEMENTS OF CASH FLOWS
YEARS ENDED JUNE 30, 2023 AND 2022

	<u>2023</u>	<u>2022</u>
CASH FLOWS FROM OPERATING ACTIVITIES		
Change in Net Assets	\$ 22,228,020	\$ 1,939,447
Adjustments to Reconcile Changes in Net Assets to Net Cash Provided (Used) by Operating Activities:		
Depreciation	2,447	8,780
Postretirement Benefit Related Changes	15,108	63,439
Changes in Operating Assets and Liabilities:		
Accounts Receivable	1,084,792	12,141,295
Due from BPOU Committee	(459,127)	39,607
Prepaid Expenses	667	(55)
Accounts Payable	(20,304,546)	11,585,893
Accrued Payroll and Benefits	(75,828)	(17,200)
Deferred Revenue	(6,050)	14,235
Net Cash Provided (Used) by Operating Activities	<u>2,485,483</u>	<u>25,775,441</u>
CASH FLOWS FROM INVESTING ACTIVITIES		
Net Change in Accrued Interest Receivable	(363,430)	(80,753)
Purchase of Fixed Assets	(29,902)	-
Cash Received (Advanced) for Employee Loans	(1,215)	250
Net Cash Provided (Used) by Investing Activities	<u>(394,547)</u>	<u>(80,503)</u>
CASH FLOWS FROM FINANCING ACTIVITIES		
Cash Paid for Principal Payments on Note	-	(3,498)
Net Cash Used by Financing Activities	<u>-</u>	<u>(3,498)</u>
NET INCREASE (DECREASE) IN CASH AND CASH EQUIVALENTS	2,090,936	25,691,440
Cash and Cash Equivalents - Beginning of Year	<u>59,307,313</u>	<u>33,615,873</u>
CASH AND CASH EQUIVALENTS - END OF YEAR	<u><u>\$ 61,398,249</u></u>	<u><u>\$ 59,307,313</u></u>

**MAIN SAN GABRIEL BASIN WATERMASTER
NOTES TO FINANCIAL STATEMENTS
JUNE 30, 2023 AND 2022**

NOTE 1 SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES

Nature of Activities

In a judgment dated January 4, 1973, in the Superior Court of the State of California for the County of Los Angeles, the court established the Main San Gabriel Basin Watermaster (Watermaster), which administers the judgment. One of the functions of Watermaster is to levy and collect funds to pay the city of Long Beach, the city of Compton, and the Central Basin Municipal Water District for make-up water to replace water used in the San Gabriel Basin which the lower area maintained was properly theirs. The payments have been made for several years through the Upper San Gabriel Valley Municipal Water District as a result of a negotiated agreement in 1965 and reaffirmed by a validation suit in the same year. The collections and disbursements of this fund are accounted for in the Make-Up Obligation Fund.

Watermaster also levies and collects funds to purchase replacement water for Basin overproduction. These collections and disbursements are accounted for in the Replacement Water Fund.

All financial transactions, other than those which fall within the Make-Up Obligation Fund or Replacement Water Fund, are recorded in the Administrative Fund. Assessments are made annually.

Watermaster proposed amendments to its judgment to provide greater flexibility in carrying out its purpose. The judgment amendment was approved by the court on June 21, 2012.

Basis of Accounting and Financial Statement Presentation

The accompanying financial statements have been prepared on the accrual method of accounting in accordance with accounting principles generally accepted in the United States of America (U.S. GAAP).

Classification of Net Assets

Watermaster classifies its net assets based upon the existence or absence of donor or grantor-imposed restrictions. Accordingly, net assets and the changes therein are classified and reported as follows:

Net Assets Without Donor Restrictions – Net assets available for use in general operations and not subject to donor restrictions.

Net Assets With Donor Restrictions – Net assets subject to donor-imposed restrictions which may be temporary in nature and met by the passage of time or other events specified by the donor. Other donor-imposed restrictions may stipulate that the resources be maintained in perpetuity.

As of June 30, 2023 and 2022, respectively, the Watermaster had no net assets with donor imposed restrictions. As such, total net assets have been reported without restrictions.

MAIN SAN GABRIEL BASIN WATERMASTER
NOTES TO FINANCIAL STATEMENTS
JUNE 30, 2023 AND 2022

NOTE 1 SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES (CONTINUED)

Cash and Cash Equivalents

Cash and cash equivalents consist primarily of short-term investments which have a maturity of ninety days or less. At June 30, 2023 and 2022, Watermaster invested with the State Treasurer's Local Agency Investment Fund. This is a pooled money investment account and is carried at amortized cost with no restrictions on access to funds and, therefore, is considered a cash equivalent.

Cash and cash equivalents at June 30, 2023 and 2022 include \$697,680 and \$616,121, respectively, that the board has designated for future other postretirement benefit obligations.

Accounts Receivable

All receivables are considered collectible; thus, no allowance for doubtful accounts is reflected in the balance sheet. Watermaster grants unsecured credit to water producers, all of whom operate in the San Gabriel Valley.

Due from BPOU Committee

Watermaster, along with six other water agencies, entered an agreement for groundwater cleanup in the Baldwin Park Operable Unit (BPOU). Under the agreement, responsible parties agreed to pay toward research, cost recovery, treatment plant construction and operating expenses in the cleanup effort. Watermaster bills the responsible parties and collects the funds. Due from BPOU committee receivable is considered fully collectible. The agreement specifies that if the responsible parties fail to make the required payment, Watermaster is entitled to be reimbursed by the Trustee.

Capital Assets

Capital assets are recorded at cost and Watermaster's capitalization threshold is \$2,500. Furniture and equipment are being depreciated on the straight-line method over estimated useful lives ranging from 3 to 10 years. Depreciation expense for the years ended June 30, 2023 and 2022 was \$2,447 and \$8,780, respectively.

Income Taxes

On July 31, 1981, Watermaster received a ruling from the Internal Revenue Service (IRS) exempting it from federal income taxes. A similar ruling was received from the California State Franchise Tax Board (CA FTB) on October 16, 1981. As such, the Watermaster is not required to file tax returns to the IRS or the CA FTB.

Classification of Revenue and Recognition

Operating revenues are earned by levying and collecting assessments from the producers based upon their amounts of production during the preceding fiscal year. These assessments are applied primarily to the purchase of replacement water and to administrative costs. Water production assessments include Administrative, In-Lieu, Make-Up Water, Replacement, and Water Resource Development. Assessments are billed on a yearly basis. Annual assessments are recognized as revenue in the period when the annual assessments are levied, based upon preceding fiscal year production. Nonoperating revenues are those derived primarily from investment income.

MAIN SAN GABRIEL BASIN WATERMASTER
NOTES TO FINANCIAL STATEMENTS
JUNE 30, 2023 AND 2022

NOTE 1 SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES (CONTINUED)

Use of Estimates

In preparing financial statements in conformity with U.S. GAAP, management is required to make estimates and assumptions that affect the reported amounts of assets and liabilities and the disclosure of contingent assets and liabilities at the date of the financial statements and revenues and expenses during the reporting period. Actual results could differ from those estimates.

Adoption of New Accounting Standards

In February 2016, the Financial Accounting Standards Board (FASB) issued Accounting Standards Update 2016-02, Leases (ASC 842). The new standard increases transparency and comparability among organizations by requiring the recognition of right-of-use (ROU) assets and lease liabilities on the balance sheet. Most prominent of the changes in the standard is the recognition of ROU assets and lease liabilities by lessees for those leases classified as operating leases. Under the standard, disclosures are required to meet the objective of enabling users of financial statements to assess the amount, timing, and uncertainty of cash flows arising from leases. Management determined that the implementation of the standard did not have a material impact on the balance sheets, income statements or statements of cash flow and the Company's accounting for operating leases remained substantially unchanged.

NOTE 2 CASH DEPOSITS AND INVESTMENTS

Custodial Risk

Custodial credit risk is the risk that in the event of a bank failure, Watermaster's deposits may not be returned to it. Watermaster does not have a deposit policy for custodial credit risk. Deposits in financial institutions, reported as components of cash, were fully insured by depository insurance or secured by collateral held by the pledging financial institutions and trust department in Watermaster's name.

Investment Interest Rate Risk

Watermaster has an investment policy that limits investment maturities to no more than five years as a means of managing its exposure to fair value losses arising from increasing interest rates.

Investment Credit Risk

Watermaster's formal investment policy limits its investment choices to the following:

1. Local Agency Investment Fund (LAIF)
2. U.S. Treasury and agency obligations
3. Fully insured certificates of deposit
4. Investment in local water quality and supply projects, associated with Basin cleanup objectives, through the borrowing of funds from the Make-Up Water Fund.

Concentration of Investment Credit Risk

Watermaster's formal investment policy limits any one type of investment to no more than 25% of the total portfolio, except for LAIF or U.S. Treasury and agency obligations.

MAIN SAN GABRIEL BASIN WATERMASTER
NOTES TO FINANCIAL STATEMENTS
JUNE 30, 2023 AND 2022

NOTE 3 EQUIPMENT AND LEASEHOLD IMPROVEMENTS

Equipment and leasehold improvements consisted of the following at June 30:

	2023	2022
Furniture and Equipment	\$ 215,176	\$ 204,503
Leasehold Improvements	25,958	27,496
Total	241,134	231,999
Less Accumulated Depreciation	(208,566)	(225,886)
Equipment and Leasehold Improvements, Net	<u>\$ 32,568</u>	<u>\$ 6,113</u>

NOTE 4 LEASES

Watermaster leases office space from the city of Azusa under a year-to-year lease agreement which may be canceled by the Watermaster or the City of Azusa at any time with a 30-day notice. In addition to the monthly rental amount, Watermaster is required to pay a percentage of management and operating expenses. Watermaster also leases certain equipment under noncancelable leases. The Company has elected to recognize payments for short-term leases with a lease term of 12 months or less as expense as incurred and these leases are not included as lease liabilities or right of use assets on the balance sheet.

NOTE 5 PENSION PLAN

Plan Description and Provisions

Qualified employees are eligible to participate in the Public Agency Cost-Sharing Multiple-Employer Plan under the California Public Employees' Retirement System plan (CalPERS), a cost-sharing multiple-employer defined benefit pension plan administered by CalPERS. The Public Agency Cost-Sharing Multiple-Employer Plan is comprised of a Miscellaneous Pool and a Safety Pool. Watermaster sponsors two Miscellaneous Risk Pool plans, however, the information presented below represents the sum of the allocated pension amounts for each of Watermaster's plans (the Plan). The Plan provides retirement and disability benefits, annual cost-of-living adjustments, and death benefits to Plan members and their beneficiaries. Benefit provisions are established by state statutes, as legislatively amended, within the Public Employees' Retirement Law. Copies of CalPERS' annual financial report may be obtained from their executive office: 400 P Street, Sacramento, CA 95814.

Funding Policy and Annual Pension Cost

The Public Employees' Pension Reform Act of 2013 (PEPRA) introduced a new class of Members (PEPRA Members) and defined different assumptions and benefits for these PEPRA Members than those used for continuing members (Classic Members). Classic Members are required to contribute 7% of their annual covered salary and PEPRA Members are required to contribute 6.75% of their annual covered salary. Watermaster makes the contributions required of the Classic Members on their behalf and for their account but does not make the contributions required of the PEPRA Members. Watermaster is required to contribute annually at actuarially determined rates; the current rates are 10.87% and 7.47% of annual covered payroll for Classic Members and PEPRA Members, respectively.

MAIN SAN GABRIEL BASIN WATERMASTER
NOTES TO FINANCIAL STATEMENTS
JUNE 30, 2023 AND 2022

NOTE 5 PENSION PLAN (CONTINUED)

Funding Policy and Annual Pension Cost (Continued)

The contribution requirements of plan members and Watermaster are established and may be amended by CalPERS. For fiscal year ended June 30, 2023, Watermaster's annual pension cost of \$305,378 for CalPERS was equal to Watermaster's required and actual contributions.

Funded Status

The following information summarizes the funded status of the CalPERS Plan as of June 30, 2022 measurement date, the most recent actuarial valuation date available:

	Plan-Wide Information (In Thousands)
Total Pension Liability	\$ 49,525,975
Less: Plan Fiduciary Net Position	37,975,170
Plan Net Pension Liability	<u>\$ 11,550,805</u>
Funded Ratio	76.68%

NOTE 6 POSTRETIREMENT HEALTH BENEFIT PLAN

Watermaster provides medical coverage to seven active employees and one retired employee through the Association of California Water Agencies/Joint Powers Insurance Authority (ACWA/JPIA) Health Program. At retirement, Watermaster provides a contribution for the continuation of medical coverage for eligible retirees. For employees hired prior to January 1, 2013, eligibility for a Watermaster contribution requires retirement from Watermaster under PERS on or after age 55 with at least 10 years of full-time service. For employees hired after January 1, 2013, and new to PERS, eligibility for a Watermaster contribution requires retirement from Watermaster under PERS on or after age 62 with at least 10 years of full-time service. Watermaster provides for a contribution equal to a 100% of the cost of medical coverage for the retiree if electing retiree only coverage and 50% of the cost of medical coverage if electing coverage for the retiree and eligible dependents. Benefits are payable until the retiree's attained age of 65.

Watermaster currently finances benefits on a pay as you go basis. Although the plan has no segregated assets, Watermaster does maintain funds in LAIF that are designated for retiree health care costs. At June 30, 2023, the fund's designated balance was \$697,680.

MAIN SAN GABRIEL BASIN WATERMASTER
NOTES TO FINANCIAL STATEMENTS
JUNE 30, 2023 AND 2022

NOTE 6 POSTRETIREMENT HEALTH BENEFIT PLAN (CONTINUED)

The following tables set forth further information about Watermaster's postretirement benefit plan:

	<u>2023</u>	<u>2022</u>
Plan Obligations and Funded Status:		
Projected Benefit Obligation at June 30	\$ 430,689	\$ 415,581
Plan Assets at Fair Value at June 30	-	-
Unfunded Status at End of Year	<u>\$ 430,689</u>	<u>\$ 415,581</u>
Employer Contributions	\$ 8,769	\$ 9,473
Plan Participants' Contributions	-	-
Benefits Paid	8,769	9,473

Amount recognized in the balance sheets at June 30, 2023 and 2022 consists of:

	<u>2023</u>	<u>2022</u>
Other Postretirement Benefit Obligation	<u>\$ 430,689</u>	<u>\$ 415,581</u>

Amount recognized in the statements of revenues, expenses, and changes in net assets at June 30, 2023 and 2022 consists of:

	<u>2023</u>	<u>2022</u>
Service Cost	\$ 14,184	\$ 9,405
Interest Cost	9,693	12,303
Amortization of Unrecognized Net (Gain)/Loss	<u>6,106</u>	<u>1,951</u>
Net Periodic Benefit Cost	29,983	23,659
Total Postretirement-Related Changes		
Other than Net Periodic Benefit Cost	<u>-</u>	<u>49,253</u>
Total Amount Recognized in the Statement of Revenues, Expenses, and Changes in Net Assets	<u>\$ 29,983</u>	<u>\$ 72,912</u>

Other changes in plan assets and benefit obligations previously recognized in changes in net assets without restriction:

	<u>2023</u>	<u>2022</u>
Actuarial Loss	<u>\$ (75,750)</u>	<u>\$ (69,644)</u>
Amounts Previously Recognized in Unrestricted Net Assets, not yet Recognized as Periodic Benefit Cost at June 30	<u>\$ (75,750)</u>	<u>\$ (69,644)</u>

MAIN SAN GABRIEL BASIN WATERMASTER
NOTES TO FINANCIAL STATEMENTS
JUNE 30, 2023 AND 2022

NOTE 6 POSTRETIREMENT HEALTH BENEFIT PLAN (CONTINUED)

Weighted-average assumption used to determine benefit obligations as of June 30, 2023 and 2022:

	<u>2023</u>	<u>2022</u>
Discount Rate	2.41%	2.41%
Expected Long-Term Return on Plan Assets	N/A	N/A
Rate of Compensation	N/A	N/A
Health Care Cost Trend Rate Assumed for Next Year	7%/6.5%	6.50%
Rate to Which the Cost Trend Rate is Assumed to Decline (the Ultimate Rate)	4.50%	4.50%
Year that the Rate Reaches the Ultimate Trend Rate	8+ Years	8 Years

Watermaster expects to contribute \$25,120 to the plan during the next fiscal year ended June 30, 2024. The following is a projection of expected future benefit payments under the plan:

<u>Year Ending June 30,</u>	<u>Amount</u>
2024	\$ 25,120
2025	33,519
2026	40,616
2027	11,223
2028	25,057
Thereafter	110,506
Total	<u><u>\$ 246,041</u></u>

NOTE 7 WATER RESOURCE DEVELOPMENT ASSESSMENT

Pursuant to the June 21, 2012 judgment, Watermaster has adopted Resolution No. 05-14-263 which established a Water Resource Development Assessment (RDA I) on all water produced from the Basin. This assessment is intended to aid Watermaster in the purchase and storage of 100,000 acre-feet of supplemental water to address potential future replacement water obligations in the event supplemental water supplies are interrupted in the future. The RDA will be evaluated annually and assessed over a ten-year period ending with the 2023-24 fiscal year production. Water stored under this program can be used only by action from the board under one or more of the following conditions: Watermaster's inability to deliver at least 50% of basin replacement Water for two consecutive years; damage to State Water Project or Colorado River aqueduct facilities; the implementation of a drought allocation penalty rate for the purchase of replacement water. Water stored under this program will not have any influence on the determination of the annual operating safe yield. With implementation of RDA II, RDA I was paused, but reviewed annually.

MAIN SAN GABRIEL BASIN WATERMASTER
NOTES TO FINANCIAL STATEMENTS
JUNE 30, 2023 AND 2022

NOTE 7 WATER RESOURCE DEVELOPMENT ASSESSMENT (CONTINUED)

During FY 2015-16, Watermaster developed a Stormwater Augmentation Program to help manage Basin water supplies under severe drought conditions. Through this, the board revised Watermaster's Water Resource Development Assessment Policy to provide a funding source for water purchases for general, Basin-wide benefit, referred to as the RDA II. RDA II established a 5-year ramping assessment from \$40/AF to \$175/AF on all water produced in the Basin. Like RDA I, the Watermaster board will review annually to determine need. In early 2017, after significant rainfall and run-off in Northern California, MWD approached Watermaster with an opportunity to purchase excess supplies from the State Water Project. The Executive Officer and Watermaster board negotiated a cyclic delivery to MWD's existing account in the Basin, with a five-year payment plan, based on the RDA II assessment policy criteria.

The RDA I and RDA II are part of a single program. The RDA II program was an expansion of the RDA implemented for general benefit water while considering financial tolerances of rate payors. As of June 30, 2018, all funds collected through the RDA program to purchase water fall under the RDA II facet.

NOTE 8 DIRECT DELIVERY IMPORTED WATER PROGRAM

As a result of declining basin water levels and the prolonged drought, Watermaster established a Direct-Delivery Imported Water Program effective January 1, 2015. Through this program participating agencies will shift their demand from groundwater production to direct delivery of treated imported water. Watermaster is obligated to reimburse participating agencies for these purchases up to amounts designated by board approval.

Watermaster began levy and collection of assessments to offset this production in fiscal year 2015-16 included in the annual In-Lieu assessment.

NOTE 9 SUBSEQUENT EVENTS

Management evaluated subsequent events through September 25, 2023, the date the financial statements were available to be issued.

SUPPLEMENTARY INFORMATION

MAIN SAN GABRIEL BASIN WATERMASTER
SCHEDULE OF REVENUES, EXPENSES, AND
CHANGE IN NET ASSETS—ADMINISTRATIVE FUND
YEAR ENDED JUNE 30, 2023
(SEE INDEPENDENT AUDITORS' REPORT)

	Annual Budget/ (Unaudited)	Actual	Budget vs. Actual
OPERATING REVENUES			
Administrative Assessments, Net	\$ 3,060,000	\$ 3,151,580	\$ 91,580
Other Income and Reimbursements	458,100	434,046	(24,054)
Total Operating Revenues	3,518,100	3,585,626	67,526
OPERATING EXPENSES			
Watermaster Compensation	20,000	9,100	(10,900)
Salaries and Benefits	1,877,000	1,700,604	(176,396)
Meeting and Travel	25,000	11,636	(13,364)
Vehicle Expense	11,000	9,852	(1,148)
Insurance	37,700	36,005	(1,695)
Engineering Fees	442,000	324,134	(117,866)
Production Reporting	5,000	2,211	(2,789)
Legal Fees	450,000	129,862	(320,138)
Accounting and Auditing	25,000	27,654	2,654
Inspection and Meter Checks	37,500	28,287	(9,213)
Contingencies	338,793	-	(338,793)
Water Quality Monitoring	1,187,300	664,403	(522,897)
Depreciation Expense	-	2,447	2,447
Water Quality Management	215,000	268,278	53,278
Public Education	121,000	121,303	303
Building Lease	87,000	85,681	(1,319)
Office Improvements	6,000	-	(6,000)
Postage and Meter Lease	5,000	3,720	(1,280)
Copier Lease/Usage	11,000	10,292	(708)
Telephone	7,000	8,132	1,132
Printing	13,000	9,693	(3,307)
Office Supplies and Services	50,000	43,359	(6,641)
Dues	34,600	30,485	(4,115)
Equipment Maintenance Agreements	36,000	35,087	(913)
Computer/Office Equipment	18,000	12,765	(5,235)
Total Operating Expenses	5,059,893	3,574,990	(1,484,903)
OPERATING INCOME	(1,541,793)	10,636	1,552,429
NONOPERATING REVENUES (EXPENSES)			
Interest Income and Other Income (Expense)	5,000	84,742	79,742
Postretirement-Related Changes Other than Net Periodic Benefit Cost	-	6,106	6,106
Total Nonoperating Revenues (Expenses)	5,000	90,848	85,848
CHANGE IN NET ASSETS	<u>\$ (1,536,793)</u>	<u>\$ 101,484</u>	<u>\$ 1,638,277</u>
Net Assets - Beginning of Year		<u>2,702,623</u>	
NET ASSETS - END OF YEAR		<u>\$ 2,804,107</u>	

**MAIN SAN GABRIEL BASIN WATERMASTER
SCHEDULE OF REVENUES, EXPENSES, AND
CHANGE IN NET ASSETS—ADMINISTRATIVE FUND
YEAR ENDED JUNE 30, 2023
(SEE INDEPENDENT AUDITORS' REPORT)**

OPERATING REVENUES

Replacement Assessments	\$ 3,199,194
RDA Assessments	32,428,324
In-Lieu Assessments	1,483,095
Cyclic Storage Water	<u>16,072,941</u>
Total Revenues	<u>53,183,554</u>

OPERATING EXPENSES

Water Purchases	2,914,005
Water Purchases - RDA II	13,119,496
Cyclic Storage Water	15,817,476
In-Lieu Expenses - Alhambra Exchange and Capacity Charge	<u>531,213</u>
Total Expenses	<u>32,382,190</u>

OPERATING INCOME

20,801,364

NONOPERATING REVENUES

Interest Income	<u>1,107,891</u>
Nonoperating Revenues	<u>1,107,891</u>

CHANGE IN NET ASSETS

21,909,255

Net Assets - Beginning of Year

25,215,925

NET ASSETS - END OF YEAR

\$ 47,125,180

**MAIN SAN GABRIEL BASIN WATERMASTER
SCHEDULE OF REVENUES, EXPENSES, AND
CHANGE IN NET ASSETS—ADMINISTRATIVE FUND
YEAR ENDED JUNE 30, 2023
(SEE INDEPENDENT AUDITORS' REPORT)**

OPERATING EXPENSES	
San Gabriel River Watermaster	\$ 98,500
Net Operating Expenses	<u>98,500</u>
OPERATING LOSS	(98,500)
NONOPERATING REVENUES	
Interest Income	315,781
Nonoperating Revenues	<u>315,781</u>
CHANGE IN NET ASSETS	217,281
Net Assets - Beginning of Year	<u>13,577,787</u>
NET ASSETS - END OF YEAR	<u><u>\$ 13,795,068</u></u>



WATERMASTER BOARD

Lynda Noriega, Chair – California Domestic Water Company

David Michalko, Vice Chair – Valencia Heights Water Company

Martin Zvirbulis, Secretary – San Gabriel Valley Water Company

Anteneh Tesfaye, Treasurer – City of South Pasadena

David De Jesus, Covina Irrigating Company

Anthony R. Fellow, Upper San Gabriel Valley Municipal Water District

Benjamin Lewis, Jr., Golden State Water Company

Steven Placido, San Gabriel Valley Municipal Water District

Jennifer Santana, Upper San Gabriel Valley Municipal Water District

EXECUTIVE OFFICER

Anthony C. Zampielo

725 North Azusa Avenue • PO Box 1329 • Azusa, California 91702

Telephone (626) 815-1300 • Fax (626) 815-1303

www.watermaster.org