



Main San Gabriel Basin
WATERMASTER

— Cogswell Reservoir —

San Gabriel Reservoir —

— Morris Reservoir —

2021–2022

ANNUAL REPORT

**FOCUSED ON IMPROVING WATER SUPPLY MANAGEMENT, 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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No End in Sight to Historic Drought

As the region faces yet another record dry year, Watermaster and its many partners continue to develop strategies that are maintaining water supplies to meet the needs of the two million residents in the San Gabriel Valley.

TREE RINGS SHOW THAT THE LAST 20 YEARS ARE THE DRIEST IN THE LAST 1,200

Major **RESERVOIRS**
hold only about **69%** of average

State Water Project to **DELIVER**
only **5%** of requests in 2022

On May 1, 2022, **LEVELS IN SHASTA**
were the **2ND LOWEST** on record

Every county in the state **100%** in
DROUGHT EMERGENCY

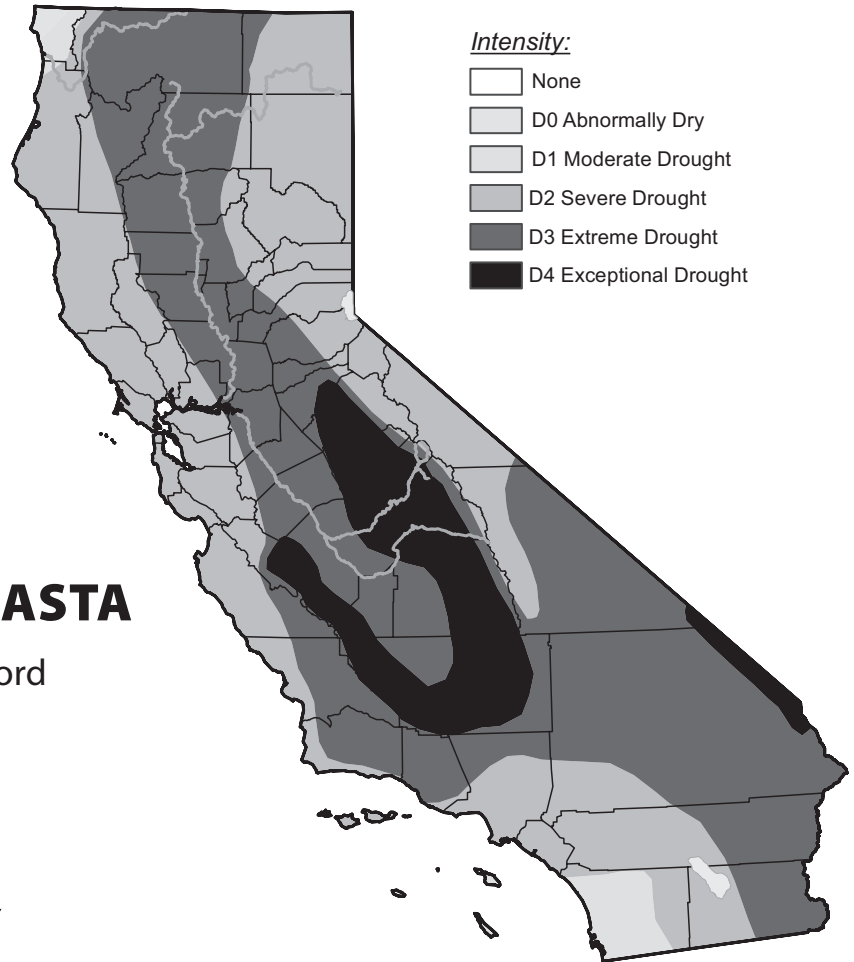


Image: U.S. Drought Monitor June 2021

LOCAL WATER replenishment
CUT IN HALF during the past decade

111,000 AF
1973-74 to 2010-11

55,000 AF
2011 to 2020-21

Cover image from the European Space Agency: The impact of drought and the Bobcat fire are obvious in this image taken a year apart. The hills are brown and the reservoirs are severely depleted, with only about half the water they should have in June. San Gabriel Reservoir is almost dry.

ADDRESSING OUR SHARED WATER CHALLENGES

The water systems we all depend on, both in the San Gabriel Valley and throughout the state, were mostly developed in the 20th century—perhaps the wettest century in California history. Studies show the future will be warmer and drier, and the less frequent wet years are likely to be much wetter.

Our water situation is truly daunting. But Watermaster and its many partners throughout the region have been working diligently and creatively for decades to respond successfully—leading to many reasons for optimism.

Why I am optimistic about our water future.

The foremost reason for optimism is that the many water management programs made possible by the 2012 Judgment Amendments are already helping to meet our water needs. Some examples of these productive programs include:

Resource Development Assessment (RDA)—The RDA has already brought 113,000 acre-feet of water into the Basin, with more expected each year.

Low Operating Safe Yield (OSY)—This key management tool is encouraging conservation and raising funding to help replenish the Basin with imported water when it's available.

Pre-delivery of water into Cyclic Storage—Watermaster and its many partners have dramatically increased Cyclic Storage (up to 180,000 acre-feet a year ago) by purchasing and storing imported water in wet years for use in dry years.

Recycled Water—Pure Water Southern California will bring up to 80,000 acre-feet of water each year to the Basin by 2030 or so.

Treatment and use of contaminated water—Each year, about 85,000 acre-feet of water is treated and beneficially used in the Basin.

I could bring up many other beneficial water supply programs, but without the vast network of collaborative relationships among Producers, Municipals, Metropolitan Water District, neighboring Basins, and many others, our challenges would appear insurmountable. Together, we will rise to the water supply and quality challenges we all face and continue to serve our communities' water needs.

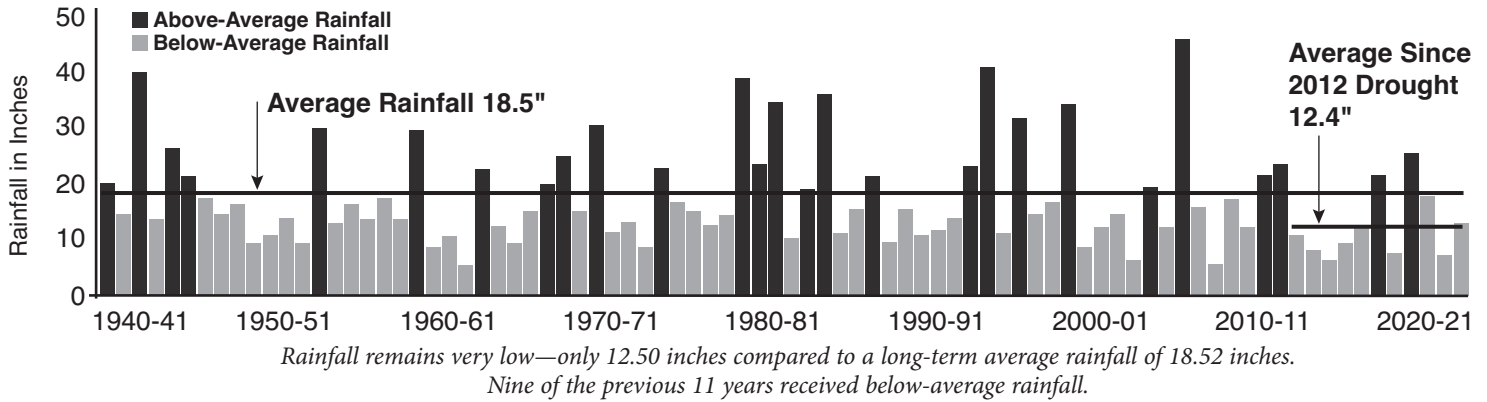
Anthony C. Zampielo
Executive Officer



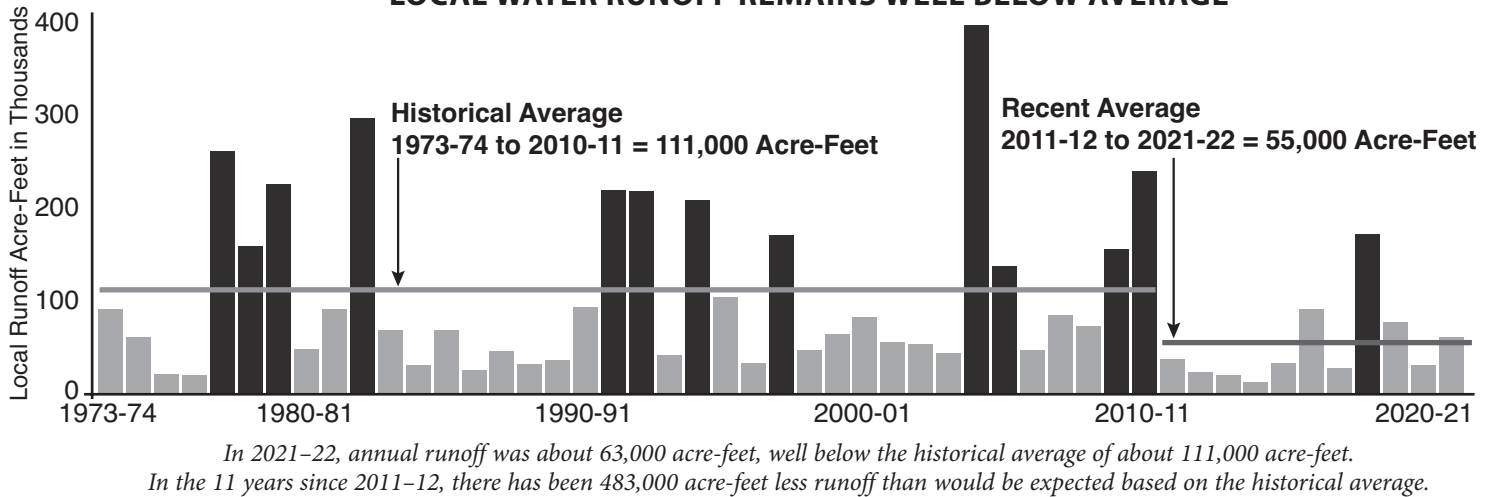
Water Supply Programs Making a Dif

Record heat plus record low rainfall means less water for runoff and recharge. In response, the numerous water supply actions and programs of Watermaster and its partners are helping to maintain water supplies during this record-setting 20+ year mega-drought.

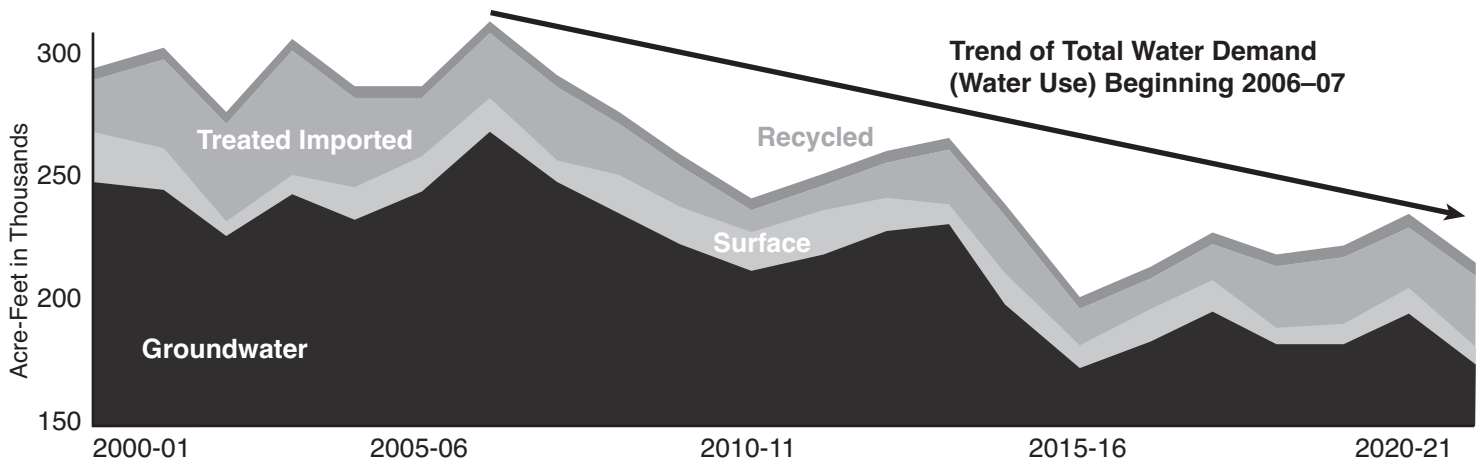
ONCE AGAIN, BELOW AVERAGE RAINFALL—19 OF THE PAST 26 YEARS WERE DRY



LOCAL WATER RUNOFF REMAINS WELL BELOW AVERAGE



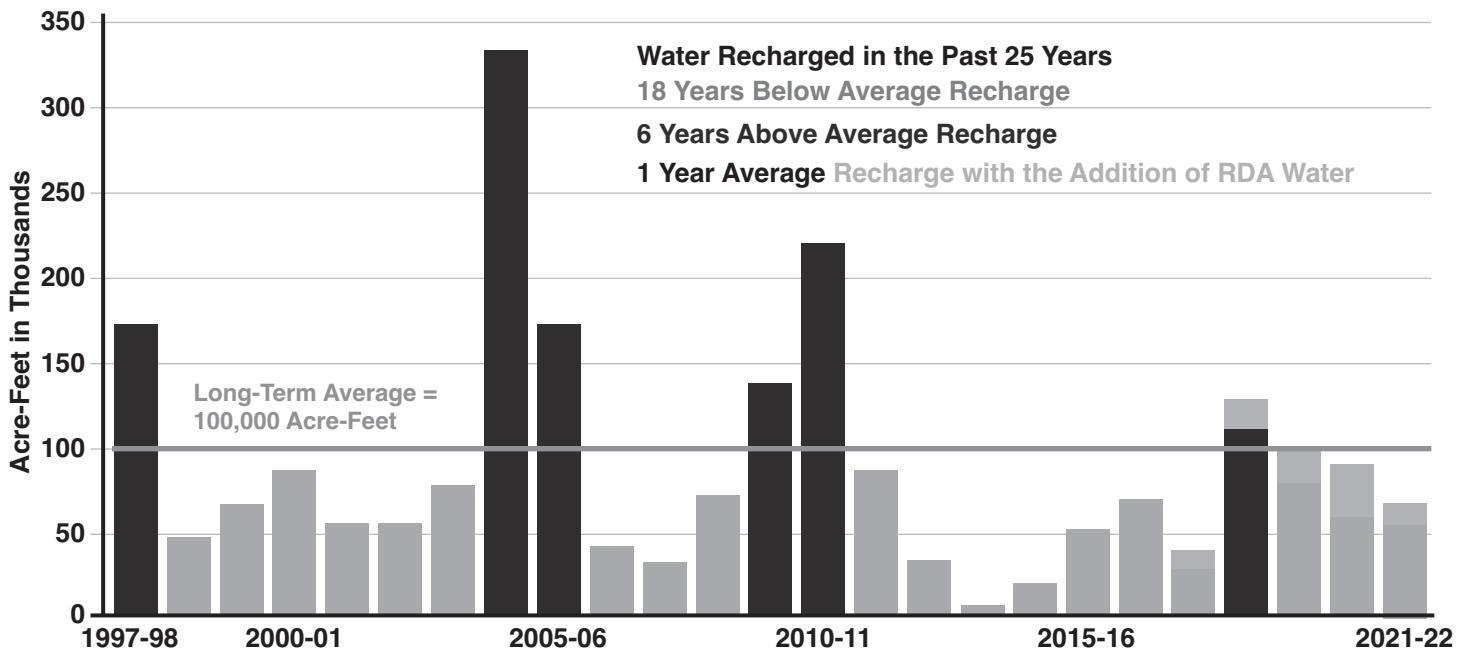
TREND OF DECLINING WATER USE CONTINUES FOR 15TH YEAR



Watermaster and the Producers have focused for many years on promoting water conservation and the public has responded: Water use has steadily trended downward for the past 15 years since 2006-07.

ference During Mega-Drought

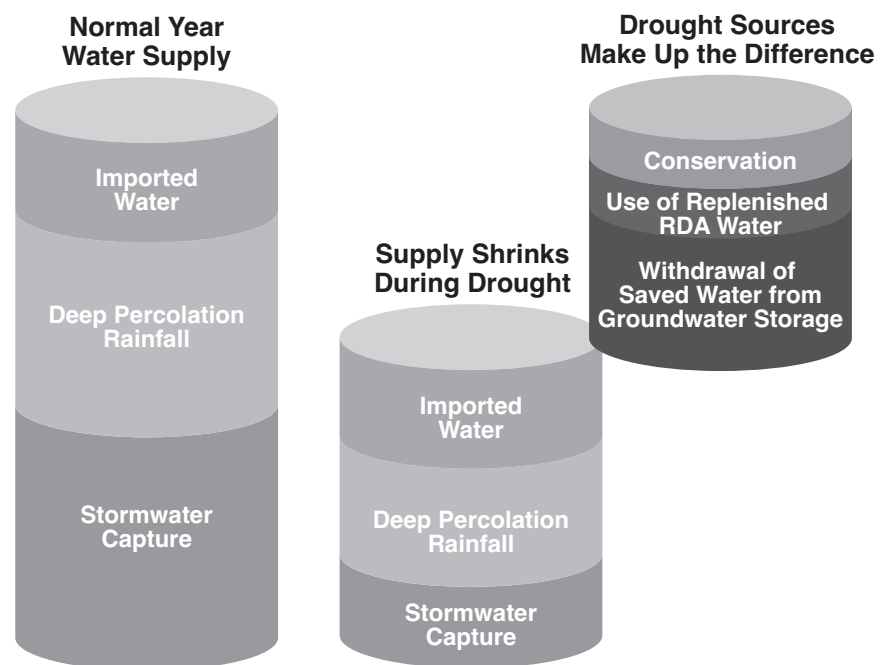
RDA RECHARGE IS HELPING MAKE UP FOR DECREASED LOCAL RECHARGE



Local stormwater capture was almost 58,000 acre-feet, roughly 58% of the long-term average. It was difficult to purchase additional water because of the statewide drought impacts but the RDA program managed to add about 15,300 acre-feet to the Basin.

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

Over the last ten years, local replenishment totaled only about 468,000 acre-feet, about half of what would historically be expected—equivalent to a 58-foot drop in elevation at the Key Well.



During droughts, decreased 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, and withdrawal of water from groundwater storage.

Watermaster's Extensive Actions to

Years of below-average rainfall have been made worse by increasingly hot conditions that also increase evaporation. The dry and hot conditions impact plants and dry out the soil. As a result, even in wet years, the dry soil absorbs the rainfall, decreasing runoff.

BELOW IS A BRIEF SUMMARY OF WATERMASTER'S MAJOR WATER MANAGEMENT PROGRAMS

These and future programs will rebalance the Basin over time:

<p>DEVELOP NEW SUPPLIES THROUGH 2012 JUDGMENT AMENDMENTS</p> <p>Instituted new, more flexible financial tools to increase water imports.</p> <p>Developed criteria for new water storage and export programs, implementing them for the first time in 2015.</p>	<p>BRING MORE IMPORTED WATER INTO THE BASIN</p> <p>RDA and Replacement Water Assessments fund purchases of imported water.</p> <p>Operating Safe Yield kept low for a record eight years in a row, creating replacement water demand.</p> <p>Agreement for Municipal Districts and MWD to pre-deliver 180,000 acre-feet into Cyclic Storage.</p>	<p>PROMOTE CONSERVATION AND UNDERSTANDING OF THE BASIN</p> <p>Extensive Basin Outreach Campaign continues.</p> <p>Watermaster is a member of Los Angeles (LA) County's Safe Clean Water Program committees promoting recharge.</p>
<p>PROACTIVE MEASURES INCREASE CYCLIC STORAGE</p> <p>Encouraged Producers to buy Cyclic Storage. This increased storage from about 15,000 to 46,600 acre-feet from 2010 to 2022.</p>	<p>PROTECT WATER RIGHTS</p> <p>Protected water rights during expansion of the National Recreation Area and through LA County's Measure W Safe Clean Water Program.</p>	<p>STORMWATER CAPTURE</p> <p>A collaborative study is investigating collection of urban runoff and stormwater that could be recycled into a new usable water supply.</p>
<p>ADVANCED COMPUTER MODEL TO BETTER UNDERSTAND AND MANAGE THE BASIN</p> <p>The model supports nearly all Basin water supply and quality programs.</p>	<p>EXPAND ACCESS TO IMPORTED COLORADO RIVER WATER DURING DROUGHTS</p> <p>Updated regulations and collaborations to import water from the Colorado River. Developing plans to facilitate deliveries of imported water.</p>	<p>SUPPORT DEVELOPMENT OF THE MASSIVE REGIONAL RECYCLED WATER PROGRAM</p> <p>Participating in Pure Water Southern California will provide up to 80,000 acre-feet per year, a long-term solution to drought and supply challenges.</p>

Decrease Drought Impacts

OPERATING SAFE YIELD (OSY) SET LOW FOR RECORD EIGHTH YEAR

The Safe Yield of a groundwater basin is basically the amount of water that can be taken from the Basin yearly without harmful impacts over the long term.

Maintaining a low OSY is one of the most important tools Watermaster has to maintain adequate water supplies and keep costs predictable. This year, the Watermaster Board unanimously approved keeping the OSY at 150,000 acre-feet for the eighth year in a row. In addition, it was set at a record low of 130,000 for the subsequent four years. Any groundwater production that exceeds the OSY must be replaced by replenishment water that is used to refill the Basin.

The Safe Yield has been held low for so long because of low rainfall that is decreasing local replenishment of the groundwater.

SOME TYPICAL QUESTIONS AND ANSWERS ABOUT THE OSY

Q: Does a low OSY require mandatory conservation?

A: No. Watermaster does not limit pumping; however, the cost of the Replacement Water Assessment encourages conservation and provides funding to purchase supplemental water to meet demands.

Q: How does a low OSY benefit the Basin?

A: The low OSY and the funding generated from it benefit everyone because the money collected is used to buy imported water to refill the Basin after pumping beyond the the OSY.

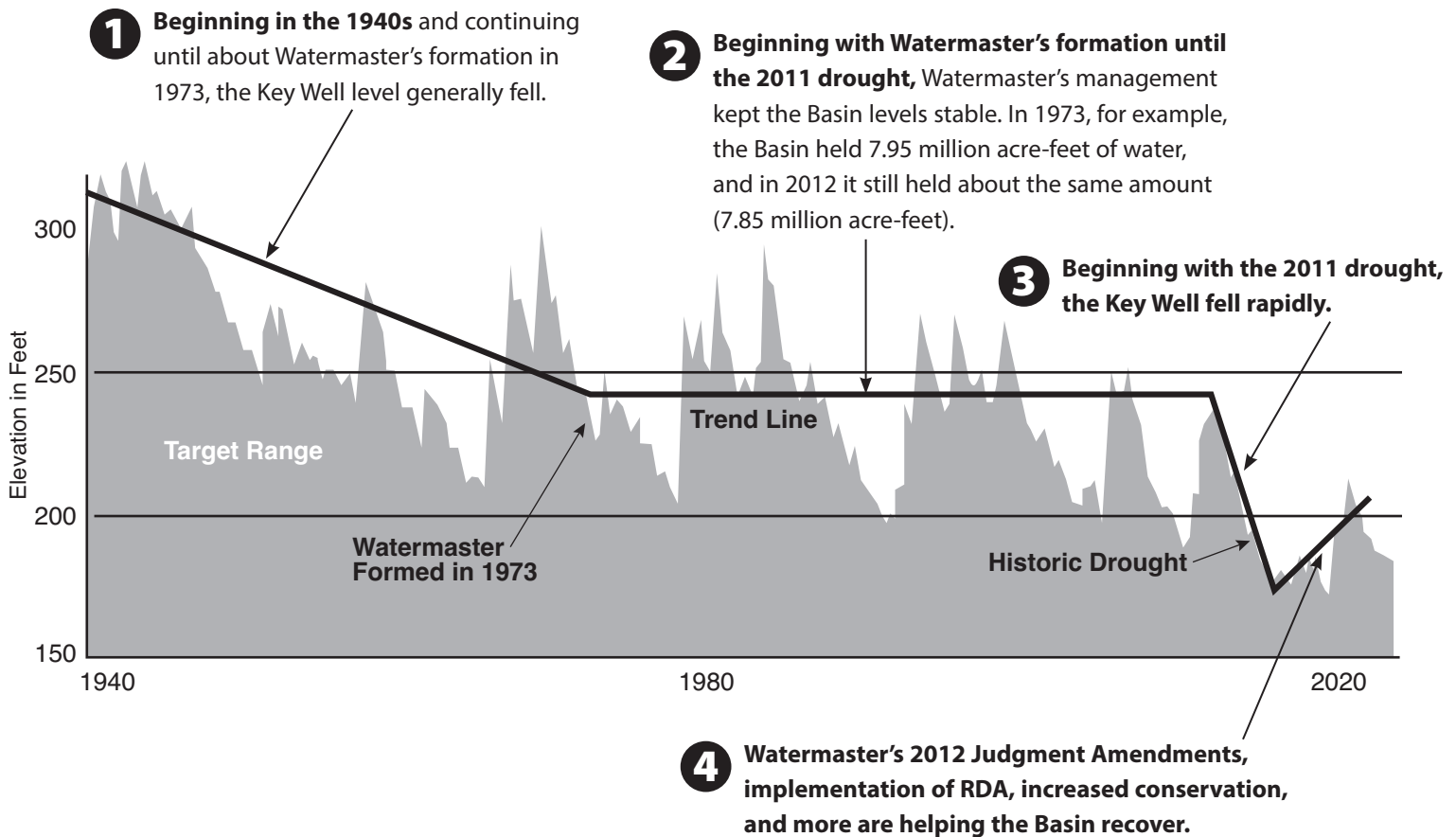
Q: If a low OSY is good, why not just set it at zero?

A: Each year, depending on the amount of rainfall and recharge, the Basin can support a certain level of pumping—the amount of water that can be pumped and does not need to be replaced with imported Replenishment water. If Watermaster sets the OSY too low, it will collect more money than there is water available to purchase and deliver.

Successful History of Basin Management

Despite yearly fluctuations in groundwater water levels, Watermaster has successfully managed the Basin to ensure reliable water supplies for the region over its nearly 50-year history.

KEY WELL LEVELS TRACK DECADES OF BASIN MANAGEMENT



Watermaster's Resource Development Assessment (RDA), which pays to import water during wet years, and Cyclic Storage water have together provided enough water to make the Key Well 32 feet higher than it otherwise would have been. Nonetheless, the Key Well fell 6.1 feet from June 30, 2021, to June 30, 2022.

WATER MANAGEMENT PROGRAMS ADDED 4 MILLION ACRE-FEET OF WATER TO THE BASIN SINCE 1973

Watermaster was formed in 1973 as a result of a long decline in water levels that began in the 1940s. Over the past nearly half-century since its founding, Watermaster has imported, supported, and promoted the development and recharge of over 4,000,000 acre-feet of water into the groundwater basin to ensure reliable water supplies to the region's many communities.

Untreated Imported Water 1,860,000
Added to the Basin

Treated Groundwater 1,890,000
From Basin Cleanup Used Beneficially

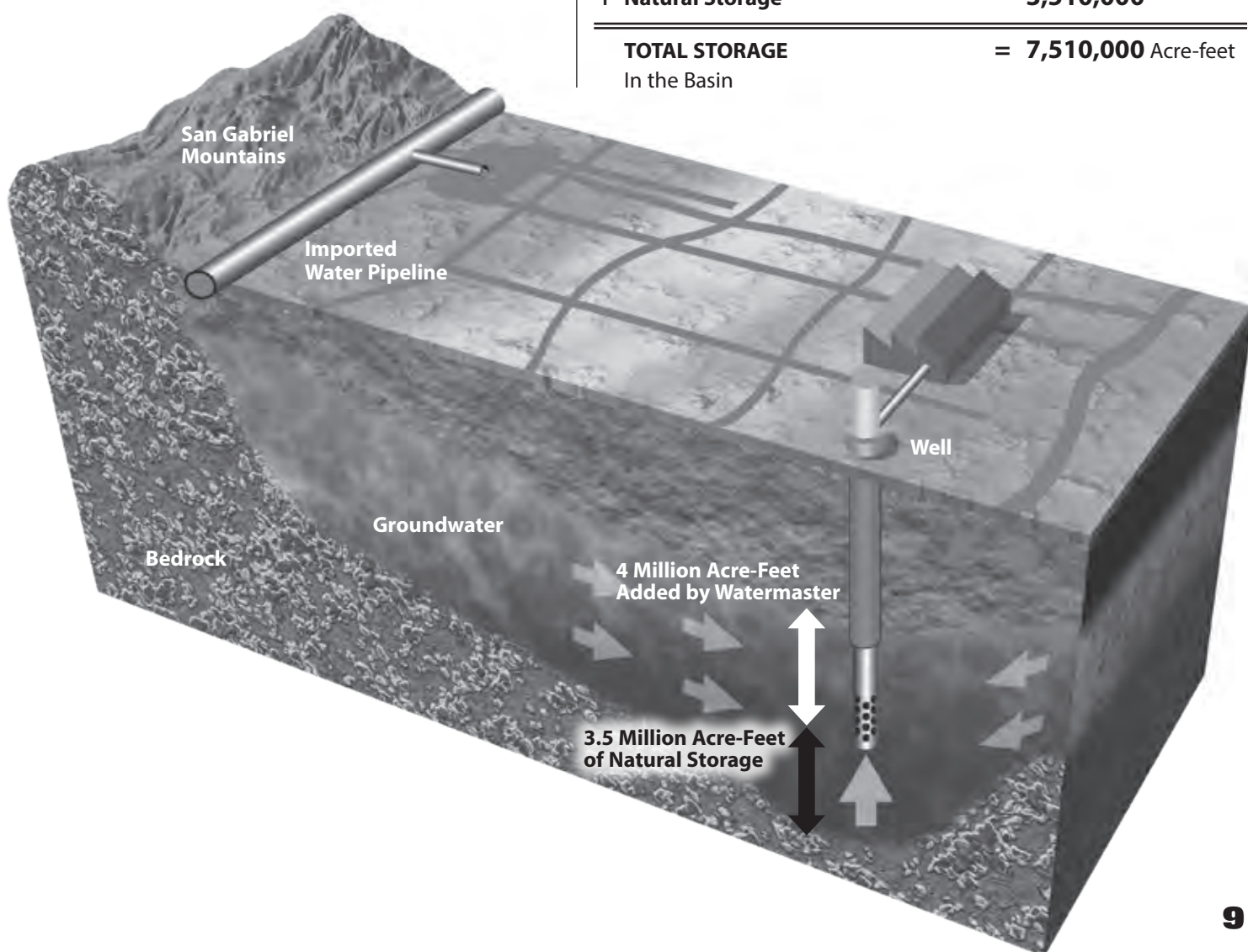
Cyclic Storage Water 119,400
Purchased and Stored

RDA Water 113,000
Purchased and Recharged

+ Total Water Added = **4,000,000** Acre-Feet
by Management Actions

+ Natural Storage **3,510,000**

TOTAL STORAGE = **7,510,000** Acre-feet
In the Basin



Step by Step, Restoring Water Balance

Below is a snapshot of the many actions and programs carried out by Watermaster and its Partners in the past year to ensure reliable water supplies.

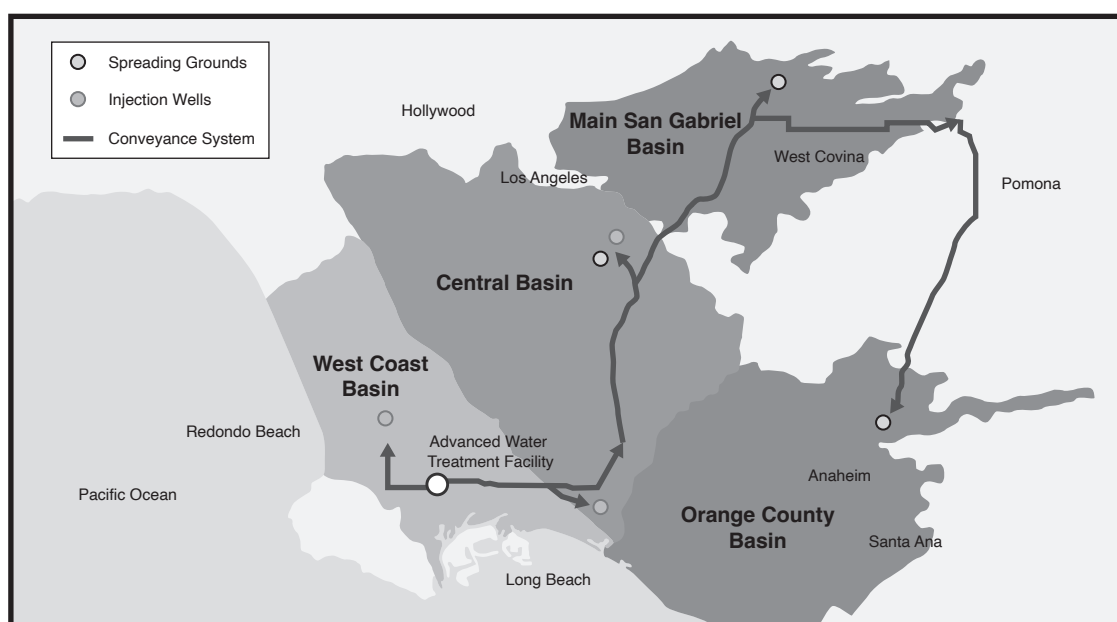
PURE WATER SOUTHERN CALIFORNIA MOVES FORWARD

The former Regional Recycled Water Program has been renamed Pure Water Southern California and could become one of the largest recycled water projects in the world.

UP TO 80,000 ACRE-FEET PER YEAR OF RECYCLED WATER TO THE BASIN

This project is expected to bring as much as 80,000 acre-feet of new, full-advanced treated recycled water each year to the Main San Gabriel Basin. The water will be recharged into the Basin to make up for long-term water shortfalls in the region and provide long-term sustainability for the future.

May Deliver Water by 2028. The MWD Board of Directors approved the environmental documentation process for the project and has committed to expediting the project to potentially make initial deliveries of water to the Main Basin as soon as 2028.



A simplified view of the Pure Water Southern California System.

MOVING AN EMERGENCY COLORADO RIVER WATER DELIVERY PLAN THROUGH THE APPROVAL PROCESS

Quagga Mussel Control Plan to Allow Delivery of Colorado River Water. In order to allow delivery of Colorado River water when State Project water is unavailable and groundwater conditions reach low levels, threatening drinking water supplies, Watermaster collaborated with MWD, Upper San Gabriel Valley Municipal Water District (USGVMWD), and Los Angeles County Public Works to develop a Provisional Quagga Mussel Control Plan. The Plan documents the procedures, operating criteria, monitoring, and testing methods to be used to prevent the establishment of Quagga Mussel populations in the San Gabriel River following delivery of Colorado River water. The plan is undergoing regulatory review and when approved, gives Watermaster another tool for managing Basin levels and meeting the supply demands of the San Gabriel Valley.

to the Basin

San Gabriel Reservoir is nearly empty.

COLLABORATION DELIVERS EMERGENCY WATER TO CANYON PROVIDERS

Communities like Azusa, Glendora, and Covina depend on local supplies from canyon reservoirs and normally do not receive imported water until the fall of each year. However, local water supplies available from the San Gabriel River fell short this year due to the drought and LA County's emergency sediment removal projects from San Gabriel Canyon Dams after recent fires.

Watermaster worked with the involved parties, USGVMWD, and MWD to develop a solution. USGVMWD was able to provide a small amount of water. Ultimately, MWD agreed to make emergency deliveries of about 17,000 acre-feet of water to the Producers.



COLLECTED RECORD FUNDS TO IMPORT WATER BUT SUPPLIES WERE LIMITED

In November 2021, Watermaster had enough funds to purchase about 68,000 acre-feet of imported water. However, due to a State Water Project Allocation of only five percent, supplies were limited. During fiscal year 2021–22, Watermaster purchased 41,000 acre-feet of imported and Cyclic Storage water, and is holding onto enough funds to buy the remainder next year if imported water is available.

INCREASES IN CYCLIC STORAGE HAVE RAISED BASIN WATER LEVELS WHILE LOWERING COSTS FOR THE PRODUCERS

Watermaster's Cyclic Storage Program provides incentives for Producers and Responsible Agencies to pre-purchase untreated imported water for later use, instead of purchasing Replacement Water at potentially higher rates. Watermaster has actively encouraged the Producers to increase their Cyclic Storage during times of drought. As a result, Cyclic Storage peaked last year at about 181,000 acre-feet—three times the long-term average. The benefits of this program are two-fold, the extra water supports groundwater levels in the Basin and provides financial incentives for the Producers as it avoids future rate increases. This year, the amount in Cyclic Storage decreased because it was utilized to meet drought-related water needs.

MORE THAN 113,000 ACRE-FEET OF RDA WATER HAS BEEN STORED

The Resource Development Assessment (RDA) collects \$175 per acre-foot on all pumping. These funds are used to purchase supplemental water when it's available, which is then stored to replenish the Basin and to stabilize Basin levels in preparation for future droughts.

COORDINATING WITH PRODUCERS TO ANTICIPATE WATER SUPPLY NEEDS

The Three-Year Purchased Water Plan is a tool used by Watermaster and the responsible agencies to project imported water needs for the next three years. 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.

Protecting and Improving Water Qua

While addressing the water supply challenges of drought, Watermaster continues to protect and improve the Basin's groundwater quality.

COLLABORATING TO HELP IMPROVE WATER QUALITY AND PROTECT WATER RIGHTS

Measure W levies a \$300 million tax on parcels within the Los Angeles County Flood Control District that is used in part to fund projects that capture, treat, and recycle stormwater. Watermaster participates in committees for two of the nine watersheds. This year, Watermaster achieved a long-sought goal: clarifying that although stormwater projects have the potential to enhance the water supply, these projects do not generate new water rights because on a local level virtually all water in the Basin is already captured and accounted for through adjudication.

ACTION ON EMERGING CONTAMINANTS

Polyfluoroalkyl Substances (PFAS). Watermaster is in the midst of a multiyear program to characterize the extent of per- and polyfluoroalkyl substances (PFAS) levels in the groundwater before state quality regulations are finalized for these substances. In addition to state-mandated testing at certain wells in the Basin, Watermaster budgeted about \$500,000 to go beyond the state requirements by testing the remaining wells in the Basin over the next few years. The small number of wells where these substances were detected above the notification levels in the Basin are in wells already undergoing treatment for other constituents. Those treatment trains also can treat PFAS, so water from these wells meets all water quality regulations.

Tracking New Water Quality Regulations. California Department of Drinking Water (DDW) is developing, proposing, or beginning to implement new regulations on hexavalent chromium, manganese, and microplastics. Watermaster tracks new and proposed regulations to assist Producers to manage the Basin for quality and cost-effectiveness.

IDENTIFYING OPPORTUNITIES TO TAKE COLORADO RIVER WATER DURING DROUGHTS

With the ongoing drought impacting water supplies across the state and stressing the State Water Project, water industry managers are tasked with many challenges to meet the water supply needs of the region. In the Main Basin, there is an opportunity to provide treated Colorado River Water to some Producers that have connections to the MWD system, reducing groundwater pumping and slowing the decline of Basin levels. One challenge is that the treated water contains a disinfectant called chloramine that can discolor the water, although it poses no health risk or negative impact on water quality. Watermaster is working to determine which Producers can take treated Colorado River water into their systems to reduce the need for limited supplies from the State Water Project.



lity Remains a Priority



ONGOING BASINWIDE WATER QUALITY TESTING AND MONITORING

Watermaster undertakes a wide range of actions to ensure that groundwater is the highest quality, is safe, meets required standards, and is protected for the future.

BASINWIDE QUALITY TESTING

Watermaster continues providing regional water quality testing on behalf of the Producers. This lowers costs, helps to identify quality trends, and ensures a consistent regulatory response.

SUPPORT LOCAL CLEANUP

Watermaster continues its long-term engagement in local groundwater cleanup projects and continues supporting beneficial end-use for all the water within the Basin.

MANAGE CLEANUP AGREEMENT

Watermaster continues to manage the implementation of the Baldwin Park Operable Unit (BPOU) Agreement, the largest cleanup in the Basin. Watermaster provides third-party review and evaluation of the cleanup, accounting services, and technical and administrative coordination on subproject committee meetings.

FACILITATE CLEANUPS BASINWIDE

Watermaster engages with stakeholders and regulatory agencies basinwide on operable unit cleanups to ensure regulatory standards are met and to provide technical assistance as needed.

APPROVE CHANGES IN WELLS

All actions related to new wells, modifications, or well destruction require Watermaster review and approval to ensure no harm to water quality or supply.

INSPECT LANDFILLS TO PROTECT GROUNDWATER QUALITY

Ensuring that landfills are operating consistently with regulatory permits is necessary to protect water quality.

TRACK GROUNDWATER FLOW AND CONTAMINANT MIGRATION

Critical for Watermaster to ensure that pumping and underground water flows don't spread contamination.

UPDATE THE FIVE-YEAR PLAN

Each year, Watermaster prepares a Five-Year Plan to provide current information on water supply and quality, projected changes, and plans to maintain and improve water quality and supply.

COORDINATE PUBLIC HEALTH GOAL REVIEWS

These reviews are required every three years to help the Producers identify contaminants associated with health risks, determine appropriate technologies to treat them, and estimate costs to bring contaminant levels to Public Health Goal levels.

Collaboration with Stakeholders and

One of Watermaster's responses to the persistent drought conditions of the past 20 years has been to initiate a much more active program of public engagement and communication to help stakeholders understand water supply and quality issues that affect our communities.

Watermaster and the Producers have collaborated to encourage water conservation and the public has responded. Water demand has decreased by over 30% since 2006.

WATERMASTER'S COLLABORATIVE "WATERS THAT CONNECT US" CAMPAIGN

In 2019, the Watermaster Board approved a major outreach program to raise awareness about the Main Basin to the general public. This sophisticated program involved:

- **Obtaining buy-in** from Producers, water suppliers, and other stakeholders involved in the water industry.
- **Coordinating with a variety of civic organizations** to develop messaging.
- **Conducting surveys and focus groups in English and Spanish** to understand what the public knows and is interested in learning.

CURRENT FOCUS IS SUPPORT FOR COLLABORATIVE CONSERVATION MESSAGING

This year, Watermaster's focus for its Waters That Connect Us campaign was to support the Producers by developing uniform messaging that agencies could produce and distribute to their own customers. This meant conducting polling on drought messaging and developing common messages and information that is consistent but targeted to the unique needs of each Producer.

3D GROUNDWATER MODEL IS USED TO MEET WIDE-RANGING BASIN NEEDS

The 3D model is a core tool for developing and evaluating all major water supply and quality programs. Having a single Basin model available for all the water suppliers, the United States Environmental Protection Agency, and others results in a more complete and accurate database, with decades of data underlying its calculations, that can serve needs across the Basin.



Effective Management

PROGRESS IN REBALANCING THE LOWER AREA CREDIT

Water from the Main San Gabriel Basin (Upper Area) flows underground and via the San Gabriel and Rio Hondo Rivers into the Central Basin (Lower Area). The legal Judgment governing this water requires that the Lower Area be kept whole in the long-term. Over time, the Lower Area has received about 218,000 acre-feet more than its entitlement.

This year, the Distribution Committee designated that all the Canyon Water should remain in the Upper Area and be spread North of Whittier Narrows. Looking to the future, Watermaster must now support the development of a long-term, mutual agreement between the Upper and Lower Areas on how to best manage the credit fairly over time. Watermaster expects to find a mutually acceptable solution that draws on our shared 60+ years of experience managing the San Gabriel River Judgment under a variety of conditions.

EFFECTIVE ADMINISTRATION AND MANAGEMENT

Watermaster held its assessments unchanged once again as the organization remains focused on cost control while maintaining a high level of services.

KEY WATERMASTER PROGRAMS

Title 22 Water Quality Sampling
 Section 28 Compliance (Basin Quality/Treatment)
 Salt and Nutrient Management
 CASGEM/SGMA Water-Level Monitoring
 Manage Basinwide Database
 Coordinate with Los Angeles County Flood Control District on Safe Clean Water Program, Regional Storm Water Enhancement Projects, and Imported Water Deliveries

WATERMASTER RESPONSIBILITIES

Meter water production and measure water flows
 Determine Safe Yield/Replace overproduction
 Water quality compliance
 Levy pumping assessments
 Manage Basin storage
 Enhance Basin reliability
 Assure compliance with Judgment & SGMA
 Outreach and education

ADMINISTRATION AND MANAGEMENT OF OTHER AGENCIES

Providing management of other organizations lowers costs for all and provides opportunities for close and effective collaboration. Watermaster manages the Association of Groundwater Agencies (AGWA), California Groundwater Coalition (CGC), Central Basin Water Association (CBWA), Raymond Basin Management Board (RBMB), San Gabriel Valley Protective Association (SGVPA), and San Gabriel Valley Water Association (SGVWA).

ASSESSMENTS REMAIN UNCHANGED

Administrative Assessment. The Administrative Assessment was once again maintained at \$17 per acre-foot for 2021–22 production despite budgeting \$500,000 for PFAS sampling.

In-Lieu Assessment. The In-Lieu Assessment was also maintained at \$8 per acre-foot on all production. This assessment is used to manage the accounting for the cooperative water exchange agreements.

Resource Development Assessment (RDA). The RDA will remain at \$175 per acre-foot for 2022–23 production. Over 113,000 acre-feet of water has been purchased with RDA funding since its inception in 2013.

THANK YOU RON BOW!

The Board of Directors recognized Ron Bow for his six years of service to Watermaster as a Producer Member and Board Treasurer of Watermaster.

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Main San Gabriel Basin Watermaster

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APPENDIX A

SUMMARY OF WATERMASTER ACTIONS
FISCAL YEAR 2021-2022

APPENDIX A

CHRONOLOGICAL SUMMARY OF WATERMASTER ACTIONS FISCAL YEAR 2021-22

Late Lease

On August 4, 2021, Watermaster approved and accepted the late lease (temporary assignment or lease) of 500 acre-feet of Carry-Over Right from Golden State Water Company – San Dimas to Golden State Water Company – San Gabriel for FY 2020-21.

On September 9, 2021, Watermaster approved and accepted the late lease (temporary transfer or lease) of 118 acre-feet of Prescriptive Pumping Right from IBY Property Owner, LLC to Azusa Valley Water Company for FY 2020-21.

Baldwin Park Operable Unit (BPOU) Budget Processed

On August 17, 2021, Watermaster staff processed BPOU budgets in accordance with the Project Agreement and also coordinated individual Producer meetings with the CR's.

Court Hearing

On September 9, 2021, met with Presiding Judge, the Honorable Maureen Duffy-Lewis for the annual status conference regarding Basin conditions.

Waiver of Replacement Water Assessments

On September 1, 2021, Watermaster approved the waiver of the Replacement Water Assessments associated with San Gabriel Valley Water Company's (SGVWC) Plant B6 discharge.

Cyclic Storage

On October 6, 2021, Watermaster authorized a five-year extension agreement for the Valley View Mutual Water Company/Watermaster Cyclic Storage Agreement.

On October 6, 2021, Watermaster authorized the purchase of 5,400 acre-feet of cyclic storage water from Upper San Gabriel Valley Municipal Water District (USGVMWD) for the City of Arcadia's individual producer cyclic storage account.

On October 6, 2021, Watermaster authorized the purchase of 2,100 acre-feet of cyclic storage water from USGVMWD for California American Water – Duarte System's individual producer cyclic storage account.

On October 6, 2021, Watermaster authorized the purchase of 2,900 acre-feet of cyclic storage water from USGVMWD for California American Water – San Marino System's producer cyclic storage account.

On April 6, 2022, Watermaster authorized the purchase of 1,000 acre-feet of cyclic storage water from USGVMWD for Sunny Slope Water Company's individual producer cyclic storage account.

On June 1, 2022, Watermaster authorized the purchase of 412.09 acre-feet of cyclic storage water from USGVMWD for the City of Monrovia's individual producer cyclic storage account.

On February 2, 2022, Watermaster authorized execution of the Cyclic Storage Agreement among Metropolitan Water District of Southern California (MWD), USGVMWD and Main San Gabriel Basin Watermaster (Watermaster), which was approved at a court hearing on May 9, 2022.

On May 9, 2022, Attorney Fred Fudacz appeared in Court on behalf of Watermaster relative to the updated Cyclic Storage Agreement with USGVMWD and MWD. The agreement was approved, and the Judge set the next status conference for September 15, 2022.

Three-Year Purchased Water Plan

On October 6, 2021, Watermaster received and filed the Three-Year Purchased Water Plan as presented.

Audit Report

On October 6, 2021, Watermaster received and filed the audit report as presented by Clifton Larson Allen.

Cash Investment Policy

On October 6, 2021, Watermaster reaffirmed its Cash Investment Policy.

Election of Producer Nominees for Watermaster for Calendar Year 2022

On November 3, 2021, Watermaster held its annual election of Producer nominees. Producers elected David DeJesus, Garry Hofer, David Michalko, Lynda Noriega, Anteneh Tesfaye, and Martin Zvirbulis. USGVMWD submitted the names of Dr. Anthony Fellow and Charles Trevino. The Court subsequently approved these nominations.

Annual Report Completed

During November 2021, 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 3, 2021, the Executive Officer reported that in fiscal year 2020-21 Watermaster collected funds from the RDA, for a total of \$36,060,143.00. Watermaster authorized the Executive Officer to make the appropriate purchases for reliability storage water supply. The estimated requirement for delivery during fiscal year 2021-22 is a total Resource Development Assessment (RDA) delivery of 41,311 acre-feet.

Replacement Water

On November 3, 2021, Watermaster authorized the purchase of Replacement Water from the appropriate Responsible Agencies for overproduction from the Basin during Fiscal Year 2020-21.

Election of Public Representative for Watermaster

On December 8, 2021, 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 2022.

Resolution of Appreciation

On December 8, 2021, Watermaster adopted Resolution No. 12-21-310, commemorating the service performed by Ron Bow as Board Member, Officer, and Producer Member of Watermaster.

Election of Watermaster Officers

On January 5, 2022, 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 5, 2022, Watermaster adopted the Draft Five-Year Water Quality and Supply Plan (Five-Year Plan), which was received by Watermaster on November 3, 2021.

Letter Agreement

On December 8, 2021, Watermaster authorized the Executive Officer to execute Letter Agreement between Watermaster and USGVMWD for Minimum Untreated Tier 1 Purchases over the next three years.

Replacement Water/Surcharge Accounting

On January 5, 2022, Watermaster received and filed the Replacement Water/Surcharge Accounting. Watermaster readjusted the appropriate Producer production rights for Fiscal Year 2021-22 and requested Three Valleys Municipal Water District (TVMWD) to deliver 26.3 acre-feet of water at the 2021 rate of \$777.00 per acre-foot from its cyclic storage account or transferred from the water pre-delivered during calendar year 2021; and USGVMWD to deliver 203.32 acre-feet of water at the 2021 rate of \$880.00 per acre-foot from its cyclic storage account or transferred from the cyclic water pre-delivered as part of the 2020 letter agreement.

MWD Cyclic Purchase Agreement

On February 2, 2022, Watermaster authorized execution of a cyclic storage agreement with MWD, USGVMWD and Watermaster.

Watermaster Committee Assignments

On February 2, 2022, Watermaster adopted recommendations for 2022 Watermaster Committee Assignments and representatives to outside organizations as presented. (Table 1)

Contract Renewal

On April 6, 2022, Watermaster authorized a two-year contract extension of the Golden Meters Agreement.

On June 1, 2022, Watermaster authorized a two-year contract extension of the existing Title 22 and BPOU Laboratory Contract with Weck Laboratories.

Administration Budget

On April 6, 2022, Watermaster received and filed the Preliminary Draft Administration Budget for FY 2022-23 and Assessments for FY 2022-23 production.

Watermaster Assessments and Administration Budget

On May 11, 2022, Watermaster approved Resolution No. 05-23-311, thereby adopting the Administration Budget for Fiscal Year 2022-23 in the amount of \$5,059,893.00. The Administration Assessment was set at \$17.00 per acre-foot, the In-Lieu Assessment was set at \$8.00 per acre-foot, and the Water Resource Development Assessment was set at \$175 per acre-foot on Fiscal Year 2021-22 Production. The Replacement Water Assessment for Fiscal Year 2021-22 and Fiscal Year 2022-23 was set at \$200.00 and \$200.00 per acre-foot, respectively, for excess production within SGVMWD; at \$899.00 and \$955.00 per acre-foot, respectively, for excess production within TVMWD; at \$1,002.00 and \$1,058.00 per acre-foot, respectively, for excess production within USGVMWD.

Operating Safe Yield

On May 11, 2022, Watermaster conducted a public hearing and approved Resolution No. 05-22-312 establishing the Operating Safe Yield at 150,000 acre-feet for Fiscal Year 2022-23, 130,000 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, and 130,000 acre-feet for Fiscal Year 2026-27.

Regional Recycled Water Project

On May 11, 2022, Watermaster authorized the Executive Officer to collaborate with SGVMWD to finalize the Letter of Intent to participate in the Regional Recycled Water Project on behalf of Watermaster.

Watermaster Presented, Interviewed, Hosted

Watermaster presents to many groups throughout each year and serves on many roundtables, forums and other educational events. A sampling of these activities this fiscal year is provided below:

PRESENTED

Presented the region's groundwater management goals and objectives to the LA Water Plan Managers Group at a workshop discussing the importance of groundwater as a resource. (March 10, 2022)

Presented to the City Council for the City of South Pasadena on location conditions and Watermaster programs. (April 27, 2022)

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

ORGANIZED/HOSTED/FACILITATED

Held 3rd Instagram Live event for the Waters that Connect Us campaign with Jose Martinez from Valley County Water District (VCWD) providing a Producer perspective on the Governor's 15% reduction order. (September 29, 2021)

Coordinated Watermaster's virtual "Great Shake Out" event for emergency and disaster preparedness. (October 21, 2022)

Filmed the latest Instagram Live event as part of Watermaster's outreach program, with Lisa Lien-Mager from the California Natural Resources Agency, discussing state-wide drought conditions. (October 27, 2021)

Co-hosted, alongside Los Angeles County Public Works, an Instagram Live: *Water Talk with Tony "Z"*, discussing recent rainfall and regional efforts to capture and infiltrate as much as possible. (as part of The Waters that Connect Us outreach campaign) (February 2, 2022)

Co-coordinated the Annual Association of Groundwater Agencies (AGWA) / American Ground Water Trust (AGWT) Conference in Lakewood (March 29-30, 2022)

Organized and Hosted the Annual and Organizational Meetings of the San Gabriel Valley Protective Association (SGVPA) (April 18, 2022)

Chair Noriega guest hosted Watermaster's "Instagram Live" event with Tom Love and Matt Litchfield discussing the unprecedented drought. (May 19, 2022)

PARTICIPATED IN/ATTENDED

Conferences/Workshops/Roundtables/Trainings/Focus Groups/Panels

Participated in the SGVMWD's Asian Media event, providing an update on the Basin and the drought outlook. (June 22, 2021)

Attended the Fall Association of California Water Agencies (ACWA) Conference (November 29-December 2, 2021) in Pasadena. Topics included PFAS, Groundwater Sustainability Regulations, and Compliance, along with statewide measures to enhance reliability.

Attended the California Foundation on the Environment and the Economy (CFEE) Conference, discussing water issues across the state including recycled water, storage, reliability, and drought. (December 7 – 9, 2021)

Attended the State of the City luncheon for the City of South El Monte, as a guest of UD. (March 24, 2022)

Attended the TVMWD Leadership breakfast at Mountain Meadows Country Club where the keynote speaker discussed cyber security issues. (June 23, 2022)

Other Activities - Meetings, Briefings, webinars, calls)

Attended a meeting with Mr. Randy Schoellerman regarding the status of the Upper San Gabriel River and Rio Hondo (USGRRH) region of the Integrated Regional Water Management Plan (IRWM) and its new role in the Los Angeles County Water Plan. (June 3, 2021)

Participated in B-6 Stakeholder Committee Meeting (June 10, 2021)

Met with Mr. Tom Love regarding the possibility of delivering Colorado River Aqueduct (CRA) water to the Basin. (June 10, 2021)

Participated in a call with project proponents for the Maclaren Hall stormwater BMP project submitted for funding through Measure W. (July 7, 2021)

Attended the Committee of Nine meeting where discussions included concerns about dry conditions, borrowing from SGVPA, and vandalism at their diversion structure. (July 19, 2021)

Attended an introductory meeting with the newly appointed Watershed Coordinator – Richard Watson and Associates, for the Rio Hondo Watershed Area – Safe Clean Water Program (Rio Hondo WASC) as part of *Los Angeles County's Safe Clean Water Program – Measure W*. (August 20, 2021)

Participated in an update call with Congresswoman Grace Napolitano. (August 25, 2021)

Participated with other San Gabriel Valley Water Association (SGVWA) members in a briefing with Assemblymember Friedman's staff discussing legislative priorities for the San Gabriel Valley. (September 1, 2021)

Attended a monthly meeting with Los Angeles County Public Works and Flood Control District representatives. (September 7, 2021)

Participated in a meeting with Assemblymember Blanca Rubio conveying the importance of state support and funding in the San Gabriel Valley for long-term water reliability. (September 8, 2021)

Participated in the SGVWA legislative call with Assemblymember Chau reiterating San Gabriel Valley water agencies' priorities. (September 13, 2021)

Attended the Disadvantaged Community update meeting. (September 22, 2021)

Met with UPSGVWD staff regarding our participation in their upcoming "Conserva-Polooza" promoting water conservation and wise water use, in place of the annual Waterfest. (September 28, 2021)

Met with Water Quality Authority (WQA) on pending projects and coordination between agencies. (October 5, 2021)

Participated in the Los Angeles County Water Plan Strategic Development meeting as the groundwater representative. (October 13, 2021)

Met with representatives from SGVWC (hosting visitors from Arizona Water Company) discussing Basin conditions, programs and outreach. (October 13, 2021)

Participated in the San Gabriel Agencies Executive Group with updates on MWD's Regional Recycled Water Program. (October 28, 2021)

Attended the Sanitation Districts webinar on stormwater capture projects and beneficial use. (November 10, 2021)

Attended a meeting coordinated by SGVMWD to explore grant opportunities available to complete imported water projects originally derived through the Foothill Water Coalition. (November 15, 2021)

Participated in a video session with Director Trevino and USGGVMWD regarding conservation messaging. (November 16, 2021)

Met with MWD representatives to discuss water quality assumptions and modeling for the Regional Recycled Water Program. (November 16, 2021)

Participated in a Zoom Meeting with SGVWA representatives and Congresswoman Judy Chu to discuss PFAS legislation and the needs of the San Gabriel Valley. (November 22, 2021)

Attended a SGV Managers meeting put together by Tom Love to discuss MWD and State Water Project (SWP) deliveries this year. (December 13, 2021)

Attended a meeting with Randy Schoellerman and Dan Colby from WQA regarding support from Watermaster and SGVWA on proposed legislation to extend their sunset date, and also adjusting assessment caps. (December 16, 2021)

Participated with a group from the SGVWA on a meeting with Congresswoman Grace Napolitano regarding federal funding requests, earmarks, and local collaboration. (December 16, 2021)

Attended the San Gabriel Mountains National Monument Community Collaborative. (January 20, 2022)

Met with some of the newer TVMWD staff members to discuss the RDA and cyclic storage accounting. (January 24, 2022)

Attended a meeting with representatives from the Sanitation District regarding a temperature study they are required to comply with for discharges. (January 24, 2022)

Attended the Southern California Water Dialogue webinar on Federal and State Water Funding. (January 26, 2022)

Attended the Three Valleys Municipal Water District Leadership Breakfast featuring speaker Brad Coffey discussing drought planning. (February 24, 2022)

Participated in the University of Southern California cross-control group meeting (February 8, 2022)

Met with representatives from Los Angeles County on the Steelhead Trout petition for designation as an endangered species, and discussed comments about impacts to local operations along the river (February 8, 2022)

Participated in a meeting with Puente Valley Operable Unit (PVOU) the United States Environmental Protection Agency (USEPA) project manager regarding their review of potential sources of vertical contamination. (March 1, 2022)

Participated in a meeting of the San Gabriel Valley Water Forum partners to discuss potential dates, venue, and consultant interaction. (April 11, 2022)

Participated in UD's Water 101 and Water Supply Update held at their office. The meeting included local elected officials City/Agency managers. (April 14, 2022)

Met with representatives from TVMWD regarding modeling work for a proposed project with Glendora and Los Angeles (LA) County to expand the Big Dalton Spreading Grounds. (April 25, 2022)

Participated in the San Gabriel Valley Executive Group meeting discussing progress on MWD's Regional Recycled Water Program – Carson Project, and also briefly discussed MWD's emergency shortage plan and considerations for short-term resolutions. (April 28, 2022)

Met with Wayne Praskins from USEPA regarding drought conditions in the Basin and how the BPOU might be impacted by potential in-lieu programs and well revitalizations. (May 18, 2022)

Met with Chris Solek, Army Corps, and various stakeholders relative to the Whittier Narrows Natural Area planting project and potential sources of water at the site. (May 19, 2022)

Attended the LA County Water Plan meeting in Alhambra as the groundwater advisor. (May 23, 2022)

Attended the Public Water Agencies Group meeting discussion on legislative matters and programs available to the members. (May 15, 2022)

Coordinated and participated in a Special Project Committee meeting to discuss and approve Phase 2 of SGVWC's B-6 Plant.

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. (June 2, 2022)

Participated in an office-site inspection with ACWA/Joint Power Insurance Authority (JPIA). (June 8, 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.

Participated in a committee with LA County on upgrades to the IRWM database system. (June 16, 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. (June 23, 2022)

Board/Committee/OU/Workgroup/District/Project Meetings Throughout the Year

Met with representatives from LA County for bi-monthly update meeting. (November 2, 2021, January 4, 2022, May 3, 2022)

Participated in the BPOU Project Committee meetings (June 10, 2021, Sept 9, 2021, December 9, 2021, March 10, 2022, July 6, 2022)

Attended the South El Monte Operable Unit (SEMOU) project update meeting. (January 18, 2022, April 19, 2022)

Attended the El Monte Operable Unit (EMOU) project update meetings. (January 20, 2022, May 24, 2022)

Participated in PVOU project meetings. (September 28, 2021, March 22, 2022)

Attended the USGVMWD Producer Update meetings. (November 10, 2021, January 12, 2022, February 9, 2022, March 9, 2022, June 8, 2022)

Participated in meetings with USGVMWD, MWD, and LA County Flood District officials to discuss the Quagga Mussel mitigation plans, SWP supply, wet delivery options, potential to bring Colorado River Water into the Basin, drought planning (July 6, 2021, August 3, 2021, September 7, 2021, September 30, 2021, November 1, 2021, December 15, 2021, March 15 & 16, 2022, May 12 & 15, 2022, May 25, 2022, June 2, 9, 14, 16, & 23, 2022)

Participated in Groundwater Replenishment Coordinating Group (GRCG). (July 27, 2021, November 16, 2021, January 25, 2022, March 29, 2022, May 24, 2022)

Participated in the Rio-Hondo WASC as part of LA County's Safe Clean Water Program – Measure W. (September 21, 2021, November 16, 2021, December 15, 2021, January 18, 2022, February 15, 2022, March 15, 2022, April 20, 2022)

Attended the Upper San Gabriel River WASC (August 26, 2021, September 23, 2021, October 28, 2021, December 21, 2021, February 17, 2022, May 12, 2022)

Participated in the GLAC IRWM Leadership Committee meetings (July 28, 2021, September 22, 2021, January 26, 2022, March 23, 2022)

Attended the USGRRH Steering Committee for the Greater Los Angeles IRWM. (September 16, 2021, April 21, 2022)

Participated in the California Groundwater Coalition (CGC) Board Meetings (June 8, 2021, August 17, 2021, November 29, 2021, March 15, 2022)

Attended the Southern California Water Committee meetings (October 21, 2021 (Long Beach), January 27, 2022 (Stormwater Task Force))

Attended the San Gabriel River Water Committee meetings. (October 18, 2021, February 22, 2022, March 21, 2022)

Participated in SGVWA Legislative Committee meetings. (July 26, 2021, December 14, 2021)

Participated in the San Gabriel Valley Protective Association (SGVPA) Committee meetings (February 24, 2022 (Distribution), March 14, 2022 – (Executive))

Participated in SPADRA Basin meetings

- Executive Committee meetings. (June 7, 2021, July 5, 2021)
- Groundwater Sustainability (GSA) meetings (September 7, 2021, March 7, 2022)

Participated in San Gabriel Valley Council of Governments (SGV COG) committee meetings

- Water Committee meetings (June 29, 2021, September 14, 2021, October 12, 2021, November 9, 2021, December 14, 2021, January 11, 2022, February 8, 2022, April 5 & 12, 2022, June 14, 2022)
- Environment, Natural Resources (February 16, 2022)
- Tribal Advisory Committee (September 29, 2021)

Attended USGVMWD Board and Committee meetings

- Board Meetings (June 23, 2021, July 14, 2021, August 18 (breakfast meeting), October 4, 2021 (Special meeting) November 11, 2021, December 22, 2021, February 9, 2022, April 13, 2022, May 11, 2022, May 25, 2022)
- Finance and Administration Committee meetings. (June 1, 2021, October 5, 2021, November 2, 2021)
- Water Resources and Facilities Planning Committee meetings. (February 2, 2022)

Attended SGVMWD Board and Committee Meetings.

- Board Meetings (June 24, 2021, July 12, 2021, September 13, 2021, December 13, 2021, January 10, 2021, February 14, 2022, March 14, 2022, April 11, 2022, May 9, 2022, June 13, 2022)
- MWD Engineering Committee (October 4, 2021)

Attended MWD meetings

- Board Meeting (April 12, 2022)
- Engineering Committee (June 7, 2021)

Attended/Participated in the TVMWD Board Meetings (October 6, 2021, October 20, 2021, April 20, 2022, June 15, 2022)

Participated in monthly meetings of the SGVWA.

Participated in monthly meetings of the Central Basin Water Association (CBWA)

Attended San Gabriel Mountain Community Collaborative meetings (July 22, 2021, September 23, 2021)

TABLE 1

**Watermaster 2022 Committee Assignments
and Representation to Other Organizations**

Administrative Committee

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

Staff: Zampiello, Gardner

M. Zvirbulis (CH)	J. Prior (A)
L. Noriega	G. Galindo (A)
D. De Jesus	P. Cranmer (A)
D. Michalko	B. Lewis (A)
	J. Martinez (A)
	C. Trevino (Notice)
	C. Gott (Notice)
	P. DiMaggio (Notice)
	D. Muse (Notice)
	T. Wong (Notice)
J. Taylor (Notice)	S. Placido (Notice)
G. Hofer (Notice)	R. Rich (Notice)
T. Robinson (Notice)	P. Rowley (Notice)
R. Frausto (Notice)	J. Macias (Notice)
D. Arrighi (Notice)	

Basin Water Management Committee

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

Staff: Zampiello, Gardner

D. Michalko (CH)	B. Lewis (A)
M. Zvirbulis	J. Taylor (A)
D. De Jesus	C. Obegolu (A)
A. Fellow	J. Prior (A)
	H. Nguyen (A)
	P. Cranmer (A)
	G. Galindo (A)
	L. Noriega (A)
	S. Placido (Notice)
	D. Arrighi (Notice)
	R. Frausto (Notice)
	G. Hofer (Notice)

***See next page for additional invites**

Finance Committee

(Meet @ call of Chair)

Staff: Zampiello, Gardner, Artis

A. Tesfaye (CH)	G. Galindo (A)	P. DiMaggio (A)
M. Zvirbulis	D. Michalko (A)	D. Arrighi (Notice)
C. Trevino	J. Prior (A)	R. Frausto (Notice)
G. Hofer	L. Noriega (A)	J. Macias (Notice)
	C. Gott (Notice)	B. Lewis (Notice)
	J. Martinez (Notice)	T. Robinson (Notice)
	J. Taylor (Notice)	

ACWA – Region 8

Representative – T. Zampiello

Alternate – K. Gardner

AGWA

Representative – T. Zampiello

Alternate – L. Noriega

San Gabriel Valley Water Association

Representative – D. Michalko

WQA Committee Representatives

Engineering Committee – G. Hofer

Admin./Finance Committee – D. Michalko

WQA Legislative/Public Information Committee – L. Noriega

ACWA – JPIA

Representative – D. De Jesus

Alternate – T. Zampiello

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

(CH) - Committee Chairman
(A) - Advisory member

Also invited (BWMC):

R. Bowcock	S. Madrid
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	T. Robinson
R. Gonzales	R. Torres
C. Gott	V. Rodriguez
M. Hacker	J. Savron
E. Hitchman	R. Schoellerman
S. Johnson	A. Sweet
D. Kasamoto	A. Tesfaye
S. Kiggins	C. Trevino
S. Lee	D. Van
M. Litchfield	C. Venegas
T. Love	T. Wong
J. Macias	P. Zampielo

Ad Hoc Committee (Communication/Education)

Staff: Zampielo, Gardner, Jimenez

P. DiMaggio

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

G. Galindo

B. Lewis

J. Martinez

D. Michalko

L. Noriega

H. Nguyen

M. Zvirbulis

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

(CH) - Committee Chairman
(A) - Advisory member

APPENDIX B

MAIN SAN GABRIEL BASIN WATERMASTER OVERVIEW

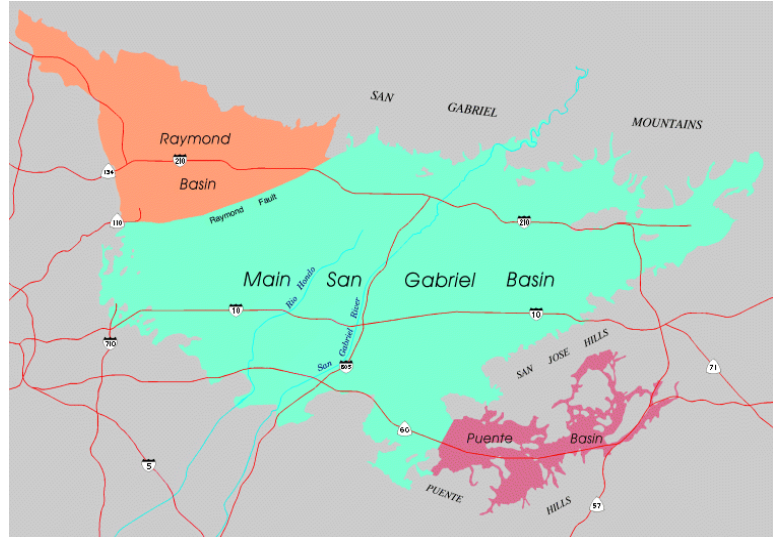
APPENDIX B MAIN SAN GABRIEL BASIN OVERVIEW

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 into three adjudicated sub-basins: Main Basin, Puente Basin, and portions of the 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, the average precipitation over the past 100 years is approximately 18.5 inches but the average over the past ten years is only 12.5 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 economies 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 186,100 by fiscal year 2021-22). 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 the 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 are 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 rights. 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, 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 the 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

About 85% of Main San Gabriel Basin demand is satisfied from local groundwater, 10 percent from treated imported water and five 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 15,000 acre-feet to the Main San Gabriel Basin during fiscal year 2021-22 and, next fiscal year 2022-23, expect to deliver about 36,000 acre-feet to the Main San Gabriel Basin. 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 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

Since 2011–12, Watermaster has brought in an additional 113,500 acre-feet of RDA water and 529,400 acre-feet of imported untreated water, representing about 80 feet at the Key Well.

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 the 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 2021-22 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 2021-22 of 150,000 acre-feet, while the annual pumping production in 2021-22 was approximately 186,100 acre-feet. Consequently, the Replacement Water obligation including withdrawal from producer cyclic storage, was about 28,500 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) Pure Water Southern California Program, which is planned to deliver up to 80,000 acre-feet per year of highly treated recycled water into the Basin to supplement imported supplies and decreased local runoff in dry years.
6. Taking action to obtain permission to import 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 2021-22

Management efforts are being made to ramp down pumping and 2021-22 groundwater production was approximately 186,100 acre-feet. This was higher than the OSY for 2021-22 at 150,000 acre- feet. After considering the use of carry-over rights for some of the production, about 28,500 acre- feet will need to be delivered as untreated imported water (a portion of which will be deducted from Producers cyclic storage accounts).

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 185 feet as of June 30, 2022, and are just below the operating guidelines for the Key Well, even during three years of consecutive dry years. Without Watermaster implemented actions, the Key Well would have fallen to about 174 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).

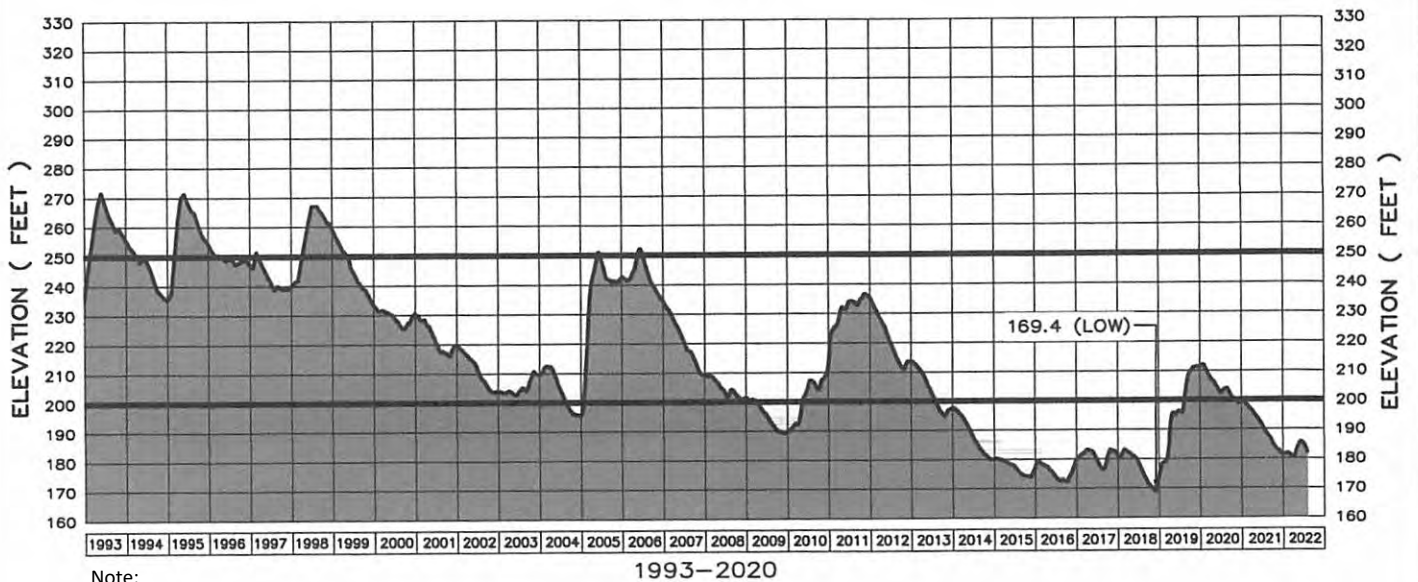
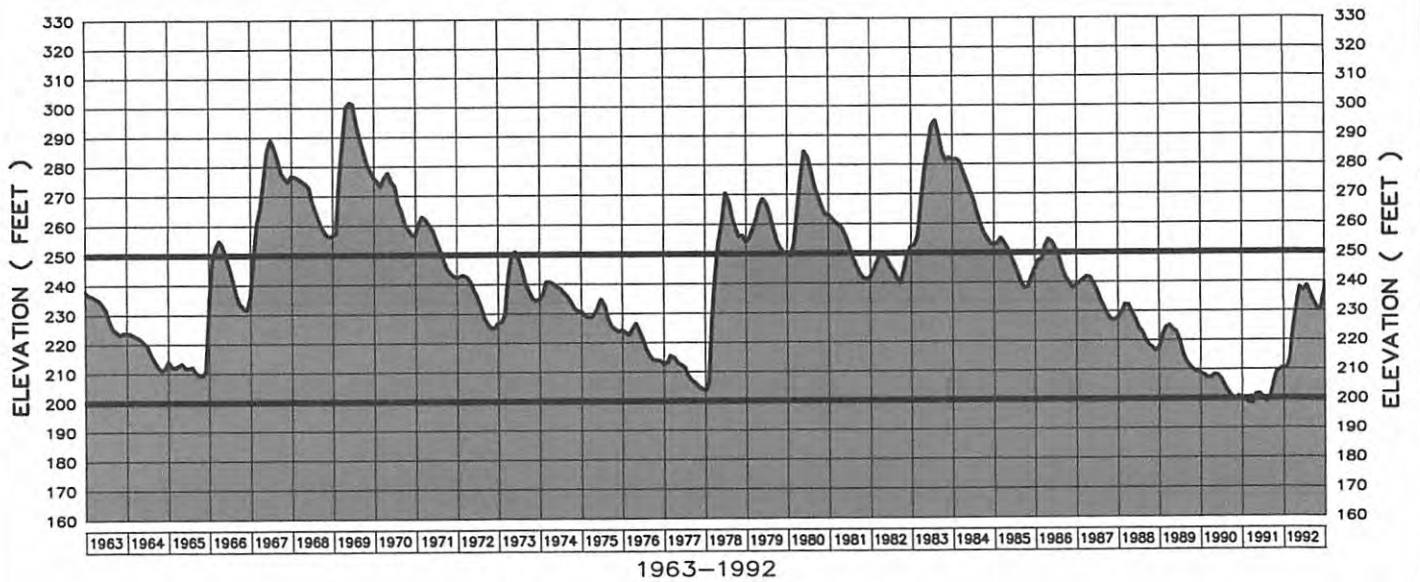
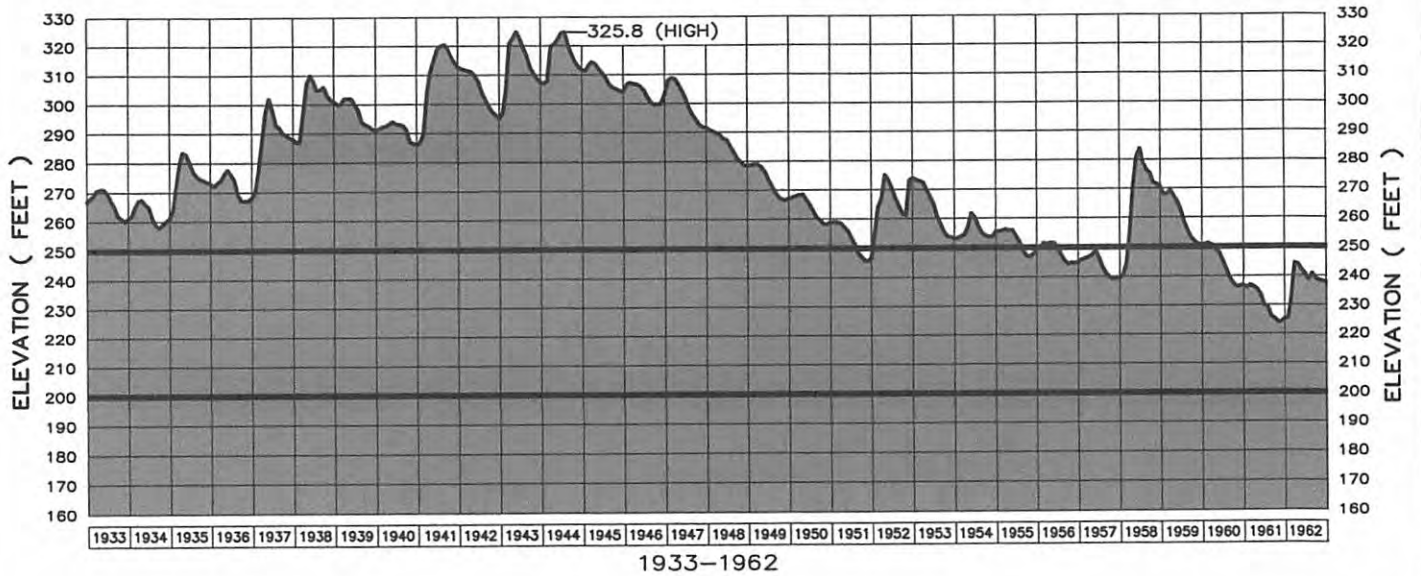
LOOKING TO THE FUTURE

Once large amounts of recycled water begin to arrive around 2030 from the Pure Water California Program, and with the continuation of RDA purchases of imported water, and continued pre-purchases of water for Cyclic Storage, maintenance of a low OSY, and future programs to be developed that will be implemented as needed, Watermaster expects to be able to balance the basin in the long run.

APPENDIX C

HYDROGRAPH OF BALDWIN PARK KEY WELL

APPENDIX C HYDROGRAPH OF BALDWIN PARK KEY WELL

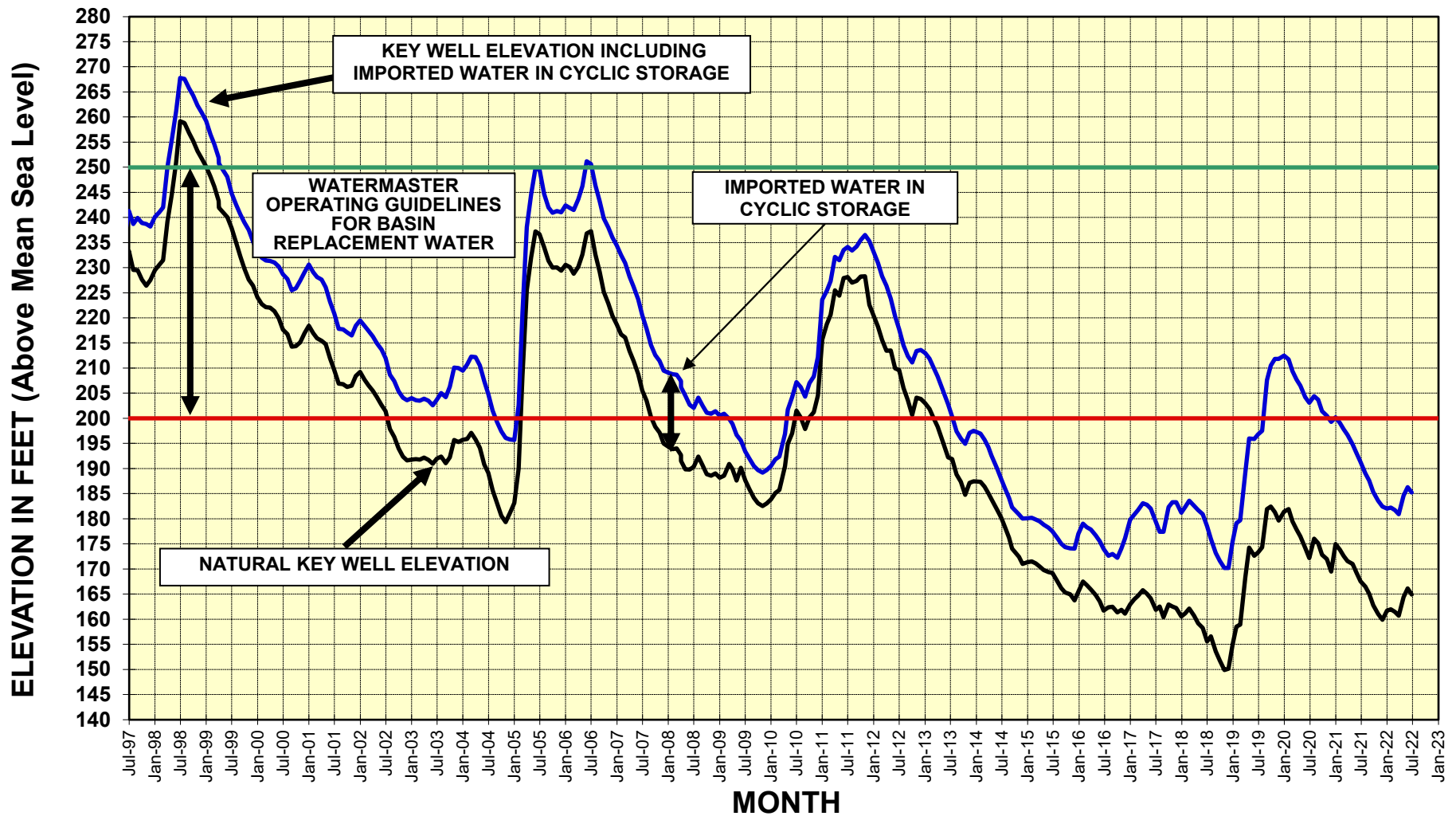


Note:

Ground Surface Elevation 386.7 Feet

Historic Recorded High 329.1 Feet May 19, 1916

Historic Recorded Low 169.4 Feet November 21, 2018



MainSanGabrielBasin
WATERMASTER

MAIN SAN GABRIEL BASIN WATERMASTER

**BALDWIN PARK KEY WELL
GROUNDWATER ELEVATION**

APPENDIX D

PUENTE NARROWS WATERMASTER REPORT

April 13, 2022

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

RE: Puente Narrows Underflow, Fiscal Year 2021-22

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 2021-22. 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 2021 were collected on October 7, 2021 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 2022 were collected on April 1, 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. Based on the Fall 2021 and Spring 2022 static water levels at the key wells, the subsurface flow was determined to be 940 acre-feet for fiscal year 2021-22, 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.

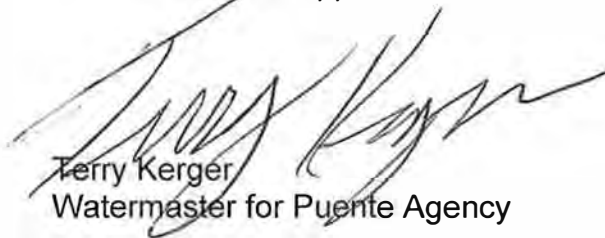
Table 3 shows the Groundwater Extraction for Cleanup Purposes, Deliveries to Rowland Water District, Discharge to Sanitary Sewer, Total Evaporation Losses, Unusable Outflow to Ocean, Annual Cleanup Extraction Credit, accumulated Annual Cleanup Extraction Credit, Accumulated Credit or Debit of Puente 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 Karger
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 (FEET)</u>	<u>DISTANCE 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 GRADIENT</u>	<u>AVERAGE WATER LEVEL ELEVATION (FEET)</u>	<u>UNDERFLOW FOR 2021-22 (ACRE-FEET)</u>
<u>FALL 2021</u>									
2S/10W-9Q ¹	10/7/2021	371	38.2	332.8					
2S/10W-8E3	10/7/2021	327	47.0	280.0	52.8	7,700	0.00686	306.4	--
<u>SPRING 2022</u>									
2S/10W-9Q ¹	4/1/2022	371	33.2	337.8					
2S/10W-8E3	4/1/2022	327	47.2	279.8	58.0	7,700	0.00753	308.8	--
TOTAL:							0.01439	615.2	
AVERAGE:							0.00720	307.6	940 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	--

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

*Agreement Re Determination of Impact of "Cleanup" Production by Carrier Corporation Upon "Subsurface Outflow" Under "Puente Narrows Agreement," November 30, 1989.

Note: Fiscal year 2021-22 adjustment to subsurface flow was not made due to incomplete data. The adjustment will be included in the Spring 2023 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
TOTALS	--	1,873,652.29	508,764.00	745,370.17	3,127,786.46

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

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.

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								Total
	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	
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
TOTALS	135,719.70	537,837.76	128,382.60	271,957.90	440,124.24	227,421.89	7,034.70	54,924.00	1,803,402.79

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.

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
TOTALS	232,088.26	30,600.00	111,942.48	11,264.00		130,429.50	--

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

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.

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								Total
	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	
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
TOTALS	--	246,881.09	47,765.48	166.00	204,783.35	0.00	0.00	5,626.00	502,820.00

APPENDIX E
SAN GABRIEL VALLEY MUNICIPAL 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 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	
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
TOTALS	70,988.19	30,600.00	5,531.00	2,764.46	109,221.18	8,892.38	--

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 9/	--	24,588.10	600.00	0.00	0.00	2,850.00	28,064.40
TOTALS	--	25,498.67	--	582,756.17	120,147.83	8,043.40	0.00	5,474.10	717,305.77

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.

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 ^{1/}	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
TOTALS	11,652.60	74,336.90	2,521.00	5,531.00		20,864.73	--

7/ Includes 90.07 AF of WM Replacement Water Surcharge.

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.

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	Withdrawals	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	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	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	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	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	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	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	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	0.00
1991-92	3,305.90	28,811.00	--	32,116.90	0.00	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	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	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	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	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	0.00
1997-98	0.00	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	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	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	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	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	0.00	8,300.00	--	5,948.75	5,820.99
2003-04	0.00	10,000.00	--	0.00	10,000.00	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	0.00	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	0.00	944.38	--	3,434.20	7,456.00
2006-07	0.00	2,100.00 3/	--	3,307.46	7,285.83	0.00	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	2,029.24 4/ 5/	--	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	5,335.00	--	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	0.00	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	0.00	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	0.00	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	0.00	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	0.00	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	0.00	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	0.00	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	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	0.00	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	3,220.00	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	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	2,546.60	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	0.00	11.18	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 Valley 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 UD/MWD Cyclic Storage account in FY 22-23.

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	Withdrawals	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	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	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	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	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	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	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	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	0.00
1991-92	3,305.90	28,811.00	--	32,116.90	0.00	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	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	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	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	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	0.00
1997-98	0.00	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	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	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	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	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	0.00	8,300.00	--	5,948.75	5,820.99
2003-04	0.00	10,000.00	--	0.00	10,000.00	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	0.00	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	0.00	944.38	--	3,434.20	7,456.00
2006-07	0.00	2,100.00 3/	--	3,307.46	7,285.83	0.00	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	2,029.24 4/ 5/	--	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	5,335.00	--	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	0.00	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	0.00	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	0.00	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	0.00	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	0.00	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	0.00	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	0.00	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	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	0.00	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	3,220.00	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	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	2,546.60	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	0.00	11.18	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 Valley 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 UD/MWD 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 Cyclic Storage	Transfer to RDA I/II Account	Cyclic Storage At End Of Year	Deliver/Transfer from Three Valleys District	Transfer to Three Valleys District Producers Cyclic Storage	Transfer to RDA I/II Account	Cyclic Storage At End Of Year	Deliver/Transfer from San Gabriel District	Transfer to San Gabriel District Producers Cyclic Storage	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

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, 2020	220,068
2.	Amount of Make-up Water delivered during water year 2020-21	
	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, 2020	220,068
4.	Debit for Water Year 2020-21	<u><u>2,382</u></u>
5.	Accrued Credit of Upper Area as of September 30, 2021	217,686
6.	Required Make-up Water obligation to be delivered during Water Year 2021-22	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
TOTALS	178,884	54,671	233,555	36,748	115,310	15,883	167,941	401,496
58-Year Average	3,138	959	4,097	645	2,023	279	2,946	7,044

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		2021-22 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	1.81	0.00	3.92	4.73	10.46
	TOTAL	1.81	0.00	3.92	4.73	10.46

Alhambra, City of

7	1903097	0.00	0.00	0.00	0.00	0.00
MOELR (8)	1900010	796.02	655.61	654.78	741.92	2,848.33
9	1900011	1.70	3.11	2.04	2.08	8.93
10	1900012	0.00	0.00	0.00	0.00	0.00
11	1903014	118.36	4.25	9.24	3.65	135.50
12	1900013	1.70	2.51	0.48	0.00	4.69
13	1900014	102.29	30.84	38.76	94.12	266.01
14	1900015	0.00	0.00	0.00	0.00	0.00
15	1900016	410.50	244.59	354.07	376.49	1,385.65
1 LON	1902789	376.71	205.46	306.77	343.48	1,232.42
2 LON	1900017	84.81	316.79	45.61	0.00	447.21
	TOTAL	1,892.09	1,463.16	1,411.75	1,561.74	6,328.74

Amarillo Mutual Water Company

SOUTH	1900791	0.00	0.00	0.09	0.00	0.09
NORTH	1900792	0.00	0.00	0.00	0.00	0.00
	TOTAL	0.00	0.00	0.09	0.00	0.09

Arcadia, City of

1 L.O.	8000127	1,040.98	1,068.18	1,075.37	840.43	4,024.96
1 LON	1901013	175.22	33.10	132.13	108.00	448.45
1 PEC	1902854	1,304.38	933.40	561.91	962.12	3,761.81
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	937.18	684.46	359.17	281.03	2,261.84
3 LONG	8000214	318.09	62.91	274.13	328.29	983.42
SM	8000193	0.00	0.00	0.00	0.00	0.00
	TOTAL	3,775.85	2,782.05	2,402.71	2,519.87	11,480.48

Arcadia Reclamation

--	8000229	16.81	2.39	6.30	6.22	31.72
	TOTAL	16.81	2.39	6.30	6.22	31.72

Producer's Name and Well Identification Number		2021-22 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	233.20	10.17	7.17	238.52	489.06
2	1902457	47.47	13.95	149.74	469.10	680.26
3	8000086	647.94	518.96	771.53	448.71	2,387.14
4	1902458	348.32	244.05	269.26	173.66	1,035.29
5	1902533	250.75	229.07	301.57	344.95	1,126.34
6	1902535	488.68	216.25	3.96	4.98	713.87
7	1902116	188.44	153.42	109.10	1.06	452.02
8	1902115	328.84	337.50	134.58	57.87	858.79
10	8000103	76.18	36.98	14.24	27.03	154.43
11	8000178	216.81	387.89	332.46	471.14	1,408.30
12	8000179	411.11	222.55	298.87	459.11	1,391.64
DIV EFF	1902118	2,170.87	1,807.61	1,525.14	1,743.65	7,247.27
VUL	1903119	12.61	7.23	7.27	9.78	36.89
TOTAL		5,421.22	4,185.63	3,924.89	4,449.56	17,981.30

Banks, Gale & Vicki

--	1900415	10.45	2.93	5.11	11.26	29.75
TOTAL		10.45	2.93	5.11	11.26	29.75

California-American Water Company

Duarte System

BACON	1900497	0.38	0.66	0.32	0.16	1.52
B-V	1900355	28.50	104.59	334.10	6.08	473.27
B-V2	8000216	573.01	222.63	128.91	453.35	1,377.90
CR HV	1903018	367.74	375.64	86.21	54.44	884.03
DIV 2	1900360	0.00	0.00	0.00	0.00	0.00
ENCTO	8000139	352.84	35.65	144.76	347.99	881.24
FISH C	1900358	0.00	0.00	0.00	0.00	0.00
LAS L 2	8000140	37.33	45.99	0.84	1.58	85.74
STA FE	1900354	0.00	0.00	0.00	0.00	0.00
WILEY	1902907	559.04	471.58	468.23	483.33	1,982.18
LEMON	8000237	0.00	0.00	0.00	50.78	50.78
TOTAL		1,918.84	1,256.74	1,163.37	1,397.71	5,736.66

California-American Water Company

San Marino System

DELMAR	1903059	256.64	46.62	266.52	255.68	825.46
GRAND	1900926	210.19	92.39	396.82	477.04	1,176.44
HALL-2	8000175	372.14	37.62	192.09	354.61	956.46
HOWL	1902424	184.25	18.47	16.42	86.32	305.46
LONG	1900935	0.00	0.00	0.00	0.00	0.00

Producer's Name and Well Identification Number		2021-22 Groundwater Extractions and Surface Diversions (Acre-feet)				
Owner Number	Recordation No.	First Quarter	Second Quarter	Third Quarter	Fourth Quarter	Annual Total
MAR-3	1903019	443.34	307.37	0.00	35.28	785.99
MISVW	1900920	356.44	271.91	0.00	0.00	628.35
ROSE	1900927	0.00	0.00	0.00	0.00	0.00
RIC-3	8000222	668.81	282.69	594.29	569.65	2,115.44
ADA-3	8000182	0.00	0.00	0.00	0.00	0.00
9 ^{1/}	1901508	26.54	15.39	49.19	55.34	146.46
11 ^{1/}	8000217	466.55	370.83	310.77	347.76	1,495.91
TOTAL		2,984.90	1,443.29	1,826.10	2,181.68	8,435.97

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	1,224.47	1,004.56	1,018.03	1,191.06	4,438.12
3	1903057	1,559.49	1,527.21	1,561.83	1,524.92	6,173.45
6	1902967	502.86	113.69	350.40	387.57	1,354.52
8	1903081	61.14	9.10	6.44	71.06	147.74
5A	8000100	1,174.05	1,322.58	719.97	906.28	4,122.88
10	8000223	1,118.23	552.57	612.45	1,162.48	3,445.73
SGVWC	8000227	893.17	972.51	1,112.05	870.84	3,848.57
PBWA/RO	8000224	0.00	-363.89	-230.59	0.00	-594.48
TOTAL		6,533.41	5,138.33	5,150.58	6,114.21	22,936.53

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	0.21	0.21	0.21	0.20	0.83
E03R	8000162	0.01	0.01	0.01	0.01	0.04
E04R	8000166	0.06	0.06	0.06	0.06	0.24
E05R	8000163	0.13	0.11	0.13	0.12	0.49
E06R	8000167	0.03	0.04	0.04	0.04	0.15
E07R	8000164	0.20	0.20	0.24	0.22	0.86
E08R	8000168	0.08	0.08	0.08	0.08	0.32
E16A	8000153	0.25	0.28	0.23	0.28	1.04
E17A	8000154	0.78	0.88	0.90	0.86	3.42
E18A	8000155	0.11	0.10	0.11	0.10	0.42

Producer's Name and Well Identification Number		2021-22 Groundwater Extractions and Surface Diversions (Acre-feet)				
Owner Number	Recordation No.	First Quarter	Second Quarter	Third Quarter	Fourth Quarter	Annual Total
E19A	8000156	0.20	0.24	0.18	0.25	0.87
E20A	8000173	0.24	0.21	0.22	0.20	0.87
EX 1	8000141	0.06	0.06	0.06	0.06	0.24
EX 2	8000142	0.00	0.00	0.00	0.00	0.00
EX 3	8000143	0.00	0.00	0.00	0.00	0.00
EX 4	8000144	0.00	0.00	0.00	0.00	0.00
WRP FL E	--	0.00	0.00	0.00	0.00	0.00
TOTAL		2.38	2.50	2.49	2.50	9.87

Covina Irrigating Company

1 BAL	1900885	307.47	118.89	130.65	143.77	700.78
2 BAL	1900883	8.48	0.74	1.49	1.09	11.80
3 BAL	1900882	668.93	567.31	620.58	558.40	2,415.22
NP EFFL	1900884	1,722.80	1,602.04	1,505.93	1,443.97	6,274.74
SP EFFL	1900884	1,677.30	1,468.33	1,504.76	1,183.33	5,833.72
PMSGV-2	--	-3,165.20	-2,928.83	-2,687.30	-2,171.99	-10,953.32
TOTAL		1,219.78	828.48	1,076.11	1,158.57	4,282.94

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	25.00	22.00	21.00	25.00	93.00
TOTAL		25.00	22.00	21.00	25.00	93.00

El Monte, City of

4	1901694	0.00	0.00	0.00	0.00	0.00
10	1901699	182.13	136.43	139.16	120.71	578.43
12	1903137	18.18	16.17	11.37	21.22	66.94
13	8000101	0.00	0.00	0.06	0.00	0.06
2A	1901692	164.56	113.32	73.58	142.93	494.39
14	8000231	54.30	56.35	54.95	48.56	214.16
15	8000232	61.65	63.88	59.35	30.12	215.00
16	8000233	109.62	100.07	110.30	105.88	425.87
TOTAL		590.44	486.22	448.77	469.42	1,994.85

Producer's Name and Well Identification Number		2021-22 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	0.12	0.12	0.18	0.18	0.60
	TOTAL	0.12	0.12	0.18	0.18	0.60

Glendora, City of

2-E	1901526	204.80	181.42	27.64	58.17	472.03
5-E	8000149	531.78	396.12	332.98	379.32	1,640.20
8-E	1900829	58.18	7.72	402.92	527.36	996.18
9-E	1900830	452.30	448.37	486.87	557.56	1,945.10
10-E	1900828	130.29	93.34	2.38	33.14	259.15
11-E	1900826	48.57	45.47	2.63	30.35	127.02
12-E	1900827	423.90	390.15	693.69	929.18	2,436.92
13-E	8000184	304.33	261.03	73.96	130.42	769.74
	TOTAL	2,154.15	1,823.62	2,023.07	2,645.50	8,646.34

Golden State Water Company

San Dimas District

ART-2	1902152	0.00	0.00	0.00	0.00	0.00
ART-3	1902842	2.73	75.06	86.81	97.88	262.48
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	51.27	31.32	37.77	56.10	176.46
GOLF	1902157	0.00	0.00	0.00	0.00	0.00
HWY	1902150	10.04	164.58	199.69	220.17	594.48
HWY-2	8000212	278.96	249.04	157.67	253.43	939.10
MALON	1902287	110.14	104.10	104.30	117.34	435.88
	TOTAL	453.14	624.10	586.24	744.92	2,408.40

Golden State Water Company

San Gabriel Valley District

1 ENC	1902024	150.76	64.80	81.64	184.41	481.61
1 FAR	1902034	3.51	0.94	0.37	0.04	4.86
1 PER	1902027	83.51	13.09	26.49	32.16	155.25
1 S G	1900510	394.76	374.67	269.71	259.60	1,298.74
2 ENC	1902035	192.56	214.31	276.85	235.43	919.15
2 FAR	1902948	0.00	0.00	0.00	0.00	0.00
2 S G	1900511	115.27	103.42	77.81	28.61	325.11
3 ENC	8000073	156.31	119.08	1.82	0.28	277.49
3 GAR	8000221	79.47	78.80	23.46	184.99	366.72
3 SAX	1900514	0.00	0.00	0.00	0.00	0.00
4 JEF	8000111	316.88	256.51	230.92	256.33	1,060.64
4 SAX	8000146	0.00	0.00	0.00	0.00	0.00
	TOTAL	1,493.03	1,225.62	989.07	1,181.85	4,889.57

Producer's Name and Well Identification Number		2021-22 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	--	17.86	14.60	12.05	9.82	54.33
DEW	--	0.00	0.00	0.00	0.00	0.00
TOTAL		17.86	14.60	12.05	9.82	54.33

Hanson Aggregates West, Inc.

1 EL	1901492	19.20	15.58	13.39	22.61	70.78
3 EL	1901493	31.18	18.24	22.44	33.44	105.30
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		50.38	33.82	35.83	56.05	176.08

Hemlock Mutual Water Company

NORTH	1901178	9.30	6.47	6.28	8.03	30.08
SOUTH	1902806	11.93	8.94	7.48	9.75	38.10
TOTAL		21.23	15.41	13.76	17.78	68.18

Hermetic Seal Corporation

EW-21/22	--	11.36	11.57	10.73	11.04	44.70
TOTAL		11.36	11.57	10.73	11.04	44.70

IBY Property Owner, LLC

2	8000075	0.21	9.78	7.67	12.59	30.25
TOTAL		0.21	9.78	7.67	12.59	30.25

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	575.31	560.87	118.46	0.00	1,254.64 ^{2/}
TOTAL		575.31	560.87	118.46	0.00	1,254.64

La Puente Valley County Water District

2	1901460	36.94	401.68	316.33	327.18	1,082.13
3	1902859	16.66	8.33	0.05	8.26	33.30
5	8000209	902.89	538.97	572.65	607.62	2,622.13
IZ-1	8000238	0.00	0.00	1.85	3.14	4.99
IZ-2	8000239	0.00	0.00	2.14	2.53	4.67
IZ-EAST	8000240	0.00	0.00	0.81	2.30	3.11
IZ-WEST	8000241	0.00	0.00	0.21	2.24	2.45
MZ-1	8000242	0.00	0.00	3.38	6.29	9.67
MZ-2	8000243	0.00	0.00	3.31	6.81	10.12
MZ-3	8000244	0.00	0.00	3.08	3.84	6.92
SWS	8000176	-458.43	-593.16	-539.10	-537.67	-2,128.36
TOTAL		498.06	355.82	364.71	432.54	1,651.13

Producer's Name and Well Identification Number		2021-22 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	283.13	176.50	198.58	297.50	955.71
1 WHI	1902579	0.00	0.00	0.00	0.00	0.00
2 SF	8000074	7.26	5.37	5.52	6.18	24.33
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)	--	559.33	435.84	621.11	564.41	2,180.69
TOTAL		849.72	617.71	825.21	868.09	3,160.73

Monrovia, City of

2	1900418	1.38	2.98	7.36	11.06	22.78
3	1900419	347.66	433.66	357.76	651.09	1,790.17
4	1900420	447.70	533.89	399.88	599.89	1,981.36
5	1940104	303.39	247.57	62.30	0.00	613.26
6	8000171	365.69	615.24	502.48	886.27	2,369.68
TOTAL		1,465.82	1,833.34	1,329.78	2,148.31	6,777.25

Monterey Park, City of

1	1900453	53.28	70.19	58.34	65.77	247.58
3	1900455	168.57	156.51	204.17	107.53	636.78
5	1900457	281.94	266.32	0.46	0.81	549.53
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	0.89	1.14	1.57	1.17	4.77
10	1902818	446.37	307.84	454.56	421.85	1,630.62
12	1903033	526.77	506.12	607.92	521.65	2,162.46
15	8000196	542.33	346.48	115.45	628.23	1,632.49
FERN	8000126	60.46	85.41	67.91	9.05	222.83
TOTAL		2,080.61	1,740.01	1,510.38	1,756.06	7,087.06

Moon Valley Nursery of California, Inc.

5R	1903072	12.22	6.98	6.84	12.04	38.08
TOTAL		12.22	6.98	6.84	12.04	38.08

Munoz, Ralph

MUNOZ	8000219	0.40	0.11	0.23	0.46	1.20
TOTAL		0.40	0.11	0.23	0.46	1.20

Progressive Buddhist Association

--	8000228	0.01	0.29	0.20	0.06	0.56
TOTAL		0.01	0.29	0.20	0.06	0.56

Producer's Name and Well Identification Number		2021-22 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	363.89	230.59	0.00	594.48
	TOTAL	0.00	363.89	230.59	0.00	594.48

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	15.88	5.29	4.85	10.49	36.51
2	1902979	99.22	35.23	13.37	34.50	182.32
	TOTAL	115.10	40.52	18.22	44.99	218.83

San Gabriel County Water District

9	1902785	478.87	472.68	455.99	452.84	1,860.38
11	8000067	21.05	23.27	20.37	25.88	90.57
12	8000123	331.54	271.48	235.17	216.57	1,054.76
14	8000133	267.60	72.53	0.00	214.05	554.18
15	8000220	146.89	206.75	180.01	168.17	701.82
	TOTAL	1,245.95	1,046.71	891.54	1,077.51	4,261.71

San Gabriel Valley Water Company

1B	1900729	413.72	238.76	247.46	235.24	1,135.18
1D	8000102	1,070.37	982.31	973.65	989.09	4,015.42
1E	8000172	0.00	4.61	0.00	0.00	4.61
2D	1902857	0.00	0.31	0.57	0.70	1.58
2E	8000065	0.34	0.20	0.53	0.70	1.77
2F	8000197	0.00	0.34	0.51	0.52	1.37
8B	1900746	1.64	1.16	1.71	1.45	5.96
8C	1900747	239.72	0.00	10.33	473.17	723.22
8D	1903103	701.66	520.46	605.59	615.15	2,442.86
8E	8000113	313.45	675.34	745.53	1.85	1,736.17
8F	8000169	635.14	194.19	49.49	131.10	1,009.92
11A	1900739	817.64	714.34	735.67	752.47	3,020.12
11B	1900745	0.99	0.00	0.29	0.30	1.58
11C	1902713	0.58	0.65	0.68	0.75	2.66
11D	8000226	529.52	308.70	277.72	276.55	1,392.49
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	0.00	0.00	0.00	0.00
B5C	8000112	0.00	0.00	0.00	0.00	0.00
B5D	8000160	1,070.34	1,045.39	1,011.38	806.00	3,933.11
B5E	8000205	0.00	0.00	265.01	2,107.26	2,372.27 ^{3/}
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	201.93	116.01	128.15	119.72	565.81
B9B	8000099	293.68	167.39	175.01	184.57	820.65
B11B	8000108	337.71	209.00	88.54	340.93	976.18
B24A	8000203	206.92	5.46	1.76	6.69	220.83

Producer's Name and Well Identification Number		2021-22 Groundwater Extractions and Surface Diversions (Acre-feet)				
Owner Number	Recordation No.	First Quarter	Second Quarter	Third Quarter	Fourth Quarter	Annual Total
B24B	8000204	0.00	0.45	0.21	0.34	1.00
B25A	8000187	961.25	825.20	854.26	513.19	3,153.90
B25B	8000188	869.99	767.54	890.56	612.25	3,140.34
B26A	8000189	182.32	170.67	1.22	230.40	584.61
B26B	8000190	170.00	178.03	1.62	287.44	637.09
G4	1900725	265.87	225.95	223.72	191.65	907.19
CDWC	8000227	-893.17	-972.51	-1,112.05	-870.84	-3,848.57
TOTAL		8,391.61	6,379.95	6,179.12	8,008.64	28,959.32
<u>Sierra Madre, City of</u>						
	8000193	0.00	0.00	0.00	0.00	0.00
TOTAL		0.00	0.00	0.00	0.00	0.00
<u>S. L. S. & N. Inc.</u>						
Pit M	8000151	7.86	6.96	6.73	7.56	29.11
TOTAL		7.86	6.96	6.73	7.56	29.11
<u>SOL Long Term LLC</u>						
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
<u>Sonoco Products Company</u>						
2	8000137	18.96	18.20	15.60	13.58	66.34
TOTAL		18.96	18.20	15.60	13.58	66.34
<u>Southern California Edison Company</u>						
110RH	8000046	0.00	0.00	0.00	30.68	30.68
TOTAL		0.00	0.00	0.00	30.68	30.68
<u>South Pasadena, City of</u>						
3 WIL	1901682	660.50	659.01	648.46	682.75	2,650.72
4 WIL	1903086	286.39	165.32	74.76	0.00	526.47
GRAV2	1901679	0.00	0.00	0.00	1.71	1.71
TOTAL		946.89	824.33	723.22	684.46	3,178.90
<u>Sterling Mutual Water Company</u>						
N. SO.	8000132	17.57	12.08	8.23	17.99	55.87
NORTH	1902096	15.19	6.31	5.13	15.29	41.92
TOTAL		32.76	18.39	13.36	33.28	97.79
<u>Suburban Water Systems</u>						
121W1	8000181	58.79	10.23	0.14	124.24	193.40
139W4	8000069	0.00	0.00	0.00	0.00	0.00

Producer's Name and Well Identification Number		2021-22 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	0.03	0.00	0.00	0.03
142W2	8000183	1,109.58	814.35	661.64	1,074.03	3,659.60
147W3	8000077	0.00	0.00	0.00	0.00	0.00
151W2	8000207	350.53	414.77	103.70	300.65	1,169.65
201W4	1901433	0.00	0.00	0.00	0.00	0.00
201W7	8000195	543.77	817.03	1,021.53	983.85	3,366.18
201W8	8000198	3.71	82.26	87.71	197.87	371.55
201W9	8000208	1,301.94	1,003.92	579.75	494.08	3,379.69
201W10	8000210	1,460.59	528.18	243.90	1,056.52	3,289.19
LPVCWD	8000176	458.43	593.16	539.10	537.67	2,128.36
VCWD	8000206	560.49	1,116.25	411.09	614.55	2,702.38
TOTAL		5,847.83	5,380.18	3,648.56	5,383.46	20,260.03

Sunny Slope Water Company

8	1900026	526.48	444.94	449.07	442.12	1,862.61
9	1902792	4.14	34.90	1.47	7.08	47.59
13	8000157	219.27	53.49	6.99	100.73	380.48
TOTAL		749.89	533.33	457.53	549.93	2,290.68

Tran, Hieu

TRAN	8000218	2.57	0.92	0.00	1.50	4.99
TOTAL		2.57	0.92	0.00	1.50	4.99

United Rock Products Corporation

IRW-1	1900106	116.69	120.17	148.37	152.71	537.94
IRW-2	1903062	0.00	0.00	0.00	0.00	0.00
Pit 2 Pump		10.77	3.11	6.88	8.82	29.58
TOTAL		127.46	123.28	155.25	161.53	567.52

Valencia Heights Water Company

Master	8000199	430.77	300.94	348.28	264.61	1,344.60
CIC	--	-169.56	-158.46	-123.96	-120.66	-572.64
TOTAL		261.21	142.48	224.32	143.95	771.96

Valley County Water District

ARROW	1900034	0.00	0.00	0.00	62.40	62.40
E MAIN	1900027	492.96	344.20	382.65	152.34	1,372.15
E CL O N	1900032	525.05	627.91	170.90	347.16	1,671.02
LANTE	8000060	550.32	1,106.15	396.26	504.41	2,557.14
SA1-1	8000185	6.91	0.00	6.06	25.29	38.26
SA1-2	8000186	0.00	0.00	0.00	0.00	0.00
WMAIN	1900028	280.03	246.06	280.86	329.34	1,136.29
W CL O N	1902356	687.70	248.95	559.02	792.18	2,287.85
SWS	8000206	-560.49	-1,116.25	-411.09	-614.55	-2,702.38
VVMWC	--	-4.24	0.00	0.00	-0.03	-4.27
TOTAL		1,978.24	1,457.02	1,384.66	1,598.54	6,418.46

Producer's Name and Well Identification Number		2021-22 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	170.79	127.33	120.93	138.18	557.23
VCWD	--	4.24	0.00	0.00	0.03	4.27
TOTAL		175.03	127.33	120.93	138.21	561.50

Vulcan Materials Company

1 REL	1903088	61.38	55.88	37.52	66.82	221.60
TEMP	--	135.12	168.50	192.41	333.08	829.11
TOTAL		196.50	224.38	229.93	399.90	1,050.71

Whittier, City of

13	1901749	150.91	77.22	29.05	100.50	357.68
15	8000071	276.81	253.90	34.29	215.49	780.49
16	8000110	0.60	1.55	1.76	1.48	5.39
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		428.32	332.67	65.10	317.47	1,143.56

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	54,602.79	43,508.03	39,642.26	48,394.95	186,148.03
Surface Water Diversion Total	2,405.77	1,949.15	1,848.53	2,198.96	8,402.41
Groundwater Extraction Total	52,197.02	41,558.88	37,793.73	46,195.99	177,745.62

^{1/} Formerly East Pasadena's Wells 9 and 11. East Pasadena sold to California American Water Company - San Marino on 9/21/21. First quarter production reflects East Pasadena production through 9/21/21 (Well 9 - 26.52 AF and Well 11 - 421.06 AF).

^{2/} Third quarter and fourth quarter production decreased by 411.71 AF and 468.16 AF, respectively, at City of Industry Well 5, as agreed upon by City of Industry and SGVWC.

^{3/} Fourth quarter production increased by 879.87 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	186,148.03	9,177.33	147.97	26,324.07
Average ^{1/}	190,139	230,676	235,713	25,554	334	29,550
10-Year Avg.	163,333	207,221	210,231	12,118	282	33,940
5-Year Avg.	150,000	194,038	195,183	10,081	283	32,376

^{1/} Average based on 48 years from 1973-74 through 2020-21.

^{2/} Revised Production Rights and Lost Carryover after publication of 2014-15 Annual Report.

Note: The minimum and maximum values are bolded.

APPENDIX H

HISTORY OF ANNUAL PRODUCTION (ACRE-FEET)

Producer Name	2017-18	2018-19	2019-20	2020-21	2021-22
9447 San Gabriel Canyon LLC	6.37	5.37	5.95	7.41	10.46
Alhambra, City of ^{1/}	6,633.29	6,432.29	6,423.31	6,858.23	6,328.74
Amarillo Mutual Water Co.	335.52	319.96	144.38	27.37	0.09
Arcadia, City of	12,099.83	10,773.86	11,571.91	12,127.02	11,480.48
Arcadia Reclamation	36.43	59.71	56.00	65.18	31.72
Azusa, City of	7,161.54	6,620.23	6,897.78	7,402.92	7,101.72
Azusa Valley Water Co.	11,963.32	11,109.34	10,899.67	11,222.38	10,879.58
Banks, Gale & Vicki	31.42	27.35	26.65	32.89	29.75
California-American Water Co. (Duarte)	6,159.45	5,583.86	6,063.45	6,210.47	5,736.66
California-American Water Co. (San Marino)	6,771.32	6,767.46	6,537.32	8,349.90	8,435.97
California Country Club	0.00	0.00	0.00	0.00	0.00
California Domestic Water Co.	19,902.54	19,722.22	20,795.06	23,022.19	22,936.53
Carrier Corporation	22.44	0.84	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	12.40	0.00	--	--	--
County Sanitation District No. 18	113.94	55.68	11.19	10.37	9.87
Covina Irrigating Co.	6,032.42	3,814.66	5,131.19	5,816.66	4,282.94
DeFalco, John & Carole	0.00	0.00	0.00	0.00	0.00
Del Rio Mutual Water Co.	111.00	97.00	98.00	97.00	93.00
East Pasadena Water Co., Ltd. ^{1/}	1,570.37	1,648.38	1,649.21	1,747.28	--
El Monte, City of	2,349.51	2,282.02	2,223.11	2,251.70	1,994.85
Gates, James Richard	0.83	0.65	0.85	0.63	0.60
Glendora, City of	10,798.50	9,383.80	10,055.85	10,704.49	8,646.34
Golden State Water Company (San Dimas District)	2,535.78	1,415.97	736.75	1,807.71	2,408.40
Golden State Water Company (San Gabriel Valley District)	5,423.34	5,108.79	5,325.70	5,594.81	4,889.57
Gould Electronics Inc. and Johnson Controls Inc.	919.03	528.37	34.48	75.05	54.33

Producer Name	2017-18	2018-19	2019-20	2020-21	2021-22
Hanson Aggregates West, Inc.	220.73	167.30	196.68	176.97	176.08
Hemlock Mutual Water Co.	71.82	68.62	63.73	66.28	68.18
Hermetic Seal Corporation	53.21	51.55	50.68	44.95	44.70
IBY Property Owner, LLC	--	--	--	0.50	30.25
Industry Waterworks System, City of	1,314.89	1,158.60	1,344.59	1,328.23	1,254.64
La Puente Valley County Water District	1,535.86	1,645.57	1,491.63	1,636.48	1,651.13
Los Angeles, County of	4,143.69	4,314.41	4,206.72	4,063.95	3,160.73
Molson Coors USA, LLC	429.44	488.24	781.95	75.81	--
Monrovia, City of	7,200.05	6,825.43	6,894.52	7,313.51	6,777.25
Monterey Park, City of	7,453.81	7,320.96	7,461.00	7,594.45	7,087.06
Moon Valley Nursery of California, Inc.	29.84	72.72	93.94	86.68	38.08
Munoz, Ralph	2.42	2.13	1.36	1.14	1.20
Progressive Buddhist Association	--	0.99	0.54	1.08	0.56
Puente Basin Water Agency	1,803.95	1,481.04	1,111.64	1,104.88	594.48
Rowland Water District	30.72	17.54	0.00	0.00	0.00
Rurban Homes Mutual Water Co.	184.14	75.24	--	--	--
San Gabriel Country Club	257.26	232.07	235.19	282.17	218.83
San Gabriel County Water District	5,451.14	4,386.27	4,264.89	4,503.65	4,261.71
San Gabriel Valley Water Co.	31,036.73	29,377.73	30,516.44	32,606.65	28,959.32
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.	28.48	26.75	24.88	29.34	29.11
SOL Long Term LLC	0.00	0.00	0.00	0.00	0.00
Sonoco Products Co.	71.56	83.49	73.63	73.36	66.34
Southern California Edison Co.	0.27	0.02	0.16	0.46	30.68
South Pasadena, City of	2,620.36	1,949.73	3,358.46	3,582.71	3,178.90
Sterling Mutual Water Co.	105.48	80.66	89.11	104.28	97.79
Suburban Water Systems	29,046.97	25,012.44	23,087.96	26,518.96	20,260.03
Sunny Slope Water Co.	2,251.03	2,436.96	2,375.30	2,611.14	2,290.68
Tran, Hieu	4.56	3.76	4.99	3.21	4.99
United Rock Products Corp.	451.85	500.72	500.25	471.09	567.52
Valencia Heights Water Co.	583.71	647.86	538.26	930.04	771.96
Valley County Water District	7,162.02	6,723.61	6,845.24	7,144.05	6,418.46
Valley View Mutual Water Co.	590.50	500.94	552.23	606.71	561.50
Vulcan Materials Co.	716.61	588.68	496.12	605.74	1,050.71
Whittier, City of	3,656.01	2,156.28	1,233.76	821.39	1,143.56
Workman Mill Investment Co.	0.00	0.00	0.00	0.00	0.00
TOTALS	209,499.70	190,156.12	192,583.66	207,821.52	186,148.03

^{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 2021-22 (ACRE-FEET)

Producer Name	Carryover To 2021-22	Fiscal Year 2021-22				
		Production Right	Production	Replacement Water Required	Lost Carry-Over	Carryover To 2022-23
9447 San Gabriel Canyon LLC	0.00	0.77 ^{1/}	10.46	9.69	0.00	0.00
Alhambra, City of	0.00	6,688.14	6,328.74	1,513.60 ^{2/}	0.00	0.00
Amarillo Mutual Water Co.	405.33	443.44	0.09	0.00	0.00	443.35
Andrade, Susan	0.00	0.00 ^{3/}	0.00	0.00	0.00	0.00
Arcadia, City of	0.00	6,346.49	11,480.48	0.00 ^{4/}	0.00	0.00
Arcadia Reclamation, Inc.	3.48	3.48	31.72	28.24	0.00	0.00
Azusa, City of	0.00	3,179.81	7,101.72	3,921.91	0.00	0.00
Azusa Valley Water Co.	1,035.80	12,327.29	10,879.58	0.00	0.00	1,447.71
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	1.01	38.96	29.75	0.00	0.00	9.21
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	5,736.66	0.00 ^{4/}	0.00	0.00
California-American Water Co. (San Marino)	0.00	7,170.18	8,435.97	0.00 ^{4/}	0.00	0.00
California Country Club	0.00	0.00	0.00	0.00	0.00	0.00
California Domestic Water Co.	2,282.41	27,552.81	22,936.53	0.00	0.00	4,616.28
Canyon Water Company	169.10	0.00 ^{3/}	0.00	0.00	0.00	0.00
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	0.00	4.17 ^{1/}	9.87	5.70	0.00	0.00
Covina, City of	0.00	0.00 ^{3/}	0.00	0.00	0.00	0.00
Covina Irrigating Co.	3,690.05	9,092.68	4,282.94	0.00	0.00	4,809.74
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.	12.38	103.42	93.00	0.00	0.00	10.42
El Monte, City of	0.00	2,113.32 ^{1/}	1,994.85	0.00	0.00	118.47
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	0.60 ^{5/}	0.00	0.00	0.00
Glendora, City of	0.00	7,358.26	8,646.34	1,236.02 ^{4/}	0.00	0.00

Producer Name	Carryover To 2021-22	Fiscal Year 2021-22				
		Production Right	Production	Replacement Water Required	Lost Carry-Over	Carryover To 2022-23
Golden State Water Company (San Dimas District)	2,911.81	4,521.57	2,408.40	0.00	0.00	2,113.17
Golden State Water Company (San Gabriel Valley District)	16.44	5,008.71	4,889.57	0.00	0.00	119.14
Gould Electronics Inc. and Johnson Controls Inc.	0.00	0.00	54.33	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.	70.77	227.18	176.08	0.00	0.00	51.10
Heinrich, Carolyn	0.00	0.00 ^{3/}	0.00	0.00	0.00	0.00
Hemlock Mutual Water Co.	0.00	48.14 ^{1/}	68.18	20.04	0.00	0.00
Hermetic Seal Corporation	0.00	0.00	44.70	0.00 ^{7/}	0.00	0.00
IBY Property Owner, LLC	1,606.40	1,800.71	30.25	0.00	0.00	1,770.46
Industry Waterworks System, City of	496.08	1,333.23	1,254.64	0.00	0.00	78.59
Irwindale, City of	0.00	0.00 ^{3/}	0.00	0.00	0.00	0.00
JUH#1	32.00	0.00 ^{3/}	0.00	0.00	0.00	0.00
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	1,237.24	1,651.13	0.00 ^{4/}	0.00	0.00
Los Angeles, County of	476.52	2,985.90	3,160.73 ^{8/}	0.00	0.00	705.86
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	22.01	0.00 ^{3/}	0.00	0.00	0.00	0.00
Metropolitan Water District	0.00	0.00 ^{3/}	0.00	0.00	0.00	0.00
Monrovia, City of	0.00	5,740.08	6,777.25	0.00 ^{4/}	0.00	0.00
Monterey Park, City of	0.00	5,088.24	7,087.06	1,998.82	0.00	0.00
Moon Valley Nursery of California, Inc.	0.00	8.72 ^{1/}	38.08	29.36	0.00	0.00
Munoz, Ralph	0.00	0.00	1.20 ^{5/}	0.00	0.00	0.00
NCL Co, LLC	0.75	0.00 ^{3/}	0.00	0.00	0.00	0.00
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	0.57	0.00	0.00	0.00	0.57
Progressive Buddhist Association	0.00	0.12 ^{1/}	0.56 ^{5/}	0.44	0.00	0.00
Puente Basin Water Agency	0.00	0.00	594.48	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 2021-22	Fiscal Year 2021-22				
		Production Right	Production	Replacement Water Required	Lost Carry-Over	Carryover To 2022-23
San Gabriel Country Club	0.00	224.30 ^{1/}	218.83	0.00	0.00	5.47
San Gabriel County Water District	731.06	4,826.35	4,261.71	0.00	0.00	564.64
San Gabriel Valley Water Co.	0.00	21,022.77	28,959.32	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	29.11	4.37 ^{9/}	0.00	0.00
SOL Long Term LLC	0.00	0.00	0.00	0.00	0.00	0.00
Sonoco Products Company	9.38	75.87	66.34	0.00	0.00	9.53
Southern California Edison Co.	130.35	260.70	30.68	0.00	99.67	130.35
South Pasadena, City of	1,182.23	3,890.03	3,178.90	0.00	0.00	711.13
Sterling Mutual Water Co.	0.40	91.48	97.79	6.31	0.00	0.00
Suburban Water Systems	3,492.90	22,393.44	20,260.03	0.00	0.00	2,133.41
Sunny Slope Water Co.	0.00	1,691.55	2,290.68	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	4.99 ^{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	567.52	171.01 ^{4/}	0.00	0.00
Valencia Heights Water Co.	0.00	755.28	771.96	0.00 ^{4/}	0.00	0.00
Valley County Water District	0.00	6,522.76	6,418.46	0.00	0.00	104.30
Valley View Mutual Water Co.	0.00	467.54 ^{1/}	561.50	0.00 ^{4/}	0.00	0.00
Vulcan Materials Co.	84.53	704.39	1,050.71	231.82 ^{4/}	0.00	0.00
Whittier, City of	6,177.91	7,455.70	1,143.56	0.00	34.35	6,277.79
Wilmott, Erma	0.00	0.57 ^{5/}	0.00	0.00	0.57	
Workman Mill Investment Co.	73.42	91.01	0.00	0.00	0.00	91.01
TOTAL:	25,117.46	185,717.47	186,148.03	9,177.33	147.97	26,324.07

^{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/} 54.33 AF not subject to assessment.

^{7/} 44.70 AF not subject to assessment.

^{8/} 880.69 AF not subject to assessment.

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

**APPENDIX I
REPLACEMENT WATER REQUIREMENT
OF THE CITY OF ALHAMBRA, FISCAL YEAR 2021-22
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	6,328.74
Total Quantity of Water Delivered Through USG-5	<u>2,992.00</u>
Total Annual Production	9,320.74
Less: 37.4% of Quantity Through USG-5	1,119.00
Less: Share of Operating Safe Yield	6,688.14
Less: Cyclic Storage Balance	<u>0.00</u>
Replacement Water Requirement for Fiscal Year 2021-22	1,513.60
Carryover Rights to Fiscal Year 2022-23	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
TOTALS	901,022.93	323,915.61	36,743.29	1,261,681.83	536,678.88	1,798,360.71
49-YEAR AVERAGE	18,388.22	6,610.52	1,148.23	25,748.61	10,952.63	36,701.24
5-YEAR AVERAGE	2,978.54	9,502.93	0.00	12,481.47	23,061.07	35,542.54
10-YEAR AVERAGE	2,895.13	6,973.13	36.20	9,904.45	25,233.40	35,137.85

Note: The minimum and maximum values are bolded.

APPENDIX J

INTERVENTIONS AFTER JUDGMENT

APPENDIX J

**INTERVENTIONS AFTER
JUDGMENT DURING FISCAL YEAR
2021-22**

INTERVENOR	TYPE OF TRANSACTION	EFFECTIVE DATE OF ORDER OF INTERVENTION
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None During Fiscal Year 2021-22

APPENDIX K

TRANSFERS OF ADJUDICATED RIGHTS

APPENDIX K

TRANSFERS OF ADJUDICATED RIGHTS 2021-22

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

PERMANENT TRANSFERS

East Pasadena Water Company	09/21/21	Perm.	1,407.69	0.71227	1,122.12	California American Water Company - San Marino
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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	04/12/21	06/30/22	--	--	80.00	California Domestic Water Company
Mary Kay Dawes (Partridge)	06/03/21	06/30/22	--	--	335.39	La Puente Valley County Water District
NCL Co, LLC	07/07/21	06/30/22	--	--	1.50	2/ Vulcan Materials Company
Golden State Water Company - San Dimas	07/27/21	06/30/22	--	--	500.00	3/ Covina Irrigating Company
Vulcan Materials Company	07/28/21	06/30/22	--	--	41.99	City of Azusa
Vulcan Materials Company	08/17/21	06/30/22	--	--	700.00	San Gabriel Valley Water Company
Rados Bros	09/10/21	06/30/22	--	--	32.64	San Gabriel Valley Water Company
Nicholson Family Trust - Marital Trust	09/20/21	06/30/22	--	--	23.54	San Gabriel Valley Water Company
Co-Tenancy of Laurence R. Pellissier Irrevocable Trust, et al	09/21/21	06/30/22	--	--	4,925.76	California Domestic Water Company
Lucy A. Rosedale and Harry E. Rosedale III, Trustees of the Harry E. Rosedale Jr. Trust	10/07/21	06/30/22	--	--	168.00	Canyon Water Company
Kathryn W. Baker Trust	10/26/21	06/30/22	--	--	140.79	San Gabriel Valley Water Company
Jeanne Rana Living Trust	11/02/21	06/30/22	--	--	19.04	San Gabriel Valley Water Company

	Transaction					
		Date of lease expir.	Amount			
			Prescrip. pumping right (acre-feet)	Pumper's share (percent)	Production right (acre-feet)	
Transferor	Date					Transferee
Susan Andrade	11/09/21	06/30/22	--	--	6.35	San Gabriel Valley Water Company
Covina Irrigating Company	11/15/21	06/30/22	--	--	1,242.73	California Domestic Water Company
Covina Irrigating Company	12/16/21	06/30/22	--	--	1,023.76	California Domestic Water Company
Covina Irrigating Company	01/12/22	06/30/22	--	--	871.15	California Domestic Water Company
Valencia Heights Water Company	01/25/22	06/30/22	--	--	50.00	Covina Irrigating Company
Pico County Water District	01/25/22	06/30/22	--	--	0.57	Suburban Water Systems
Anton & Anita Garnier Family Trust	02/17/22	06/30/22	--	--	162.65	San Gabriel Valley Water Company
William Knight Living Trust	02/24/22	06/30/22	--	--	172.95	California Domestic Water Company
City of Brea	03/03/22	06/30/22	1,502.72	0.76035	1,140.53	California Domestic Water Company
Green, Walter	03/15/22	06/30/22	--	--	36.29	California Domestic Water Company
McIntyre, William	03/15/22	06/30/22	--	--	44.02	4/ Canyon Water Company
Covina Irrigating Company	03/25/22	06/30/22	--	--	149.35	California Domestic Water Company
City of Whittier	04/11/22	06/30/22	--	--	3,500.00	Covina Irrigating Company
Phillip G. and Sieglinde A. Tate, Trustees of the Tate Family Trust	04/12/22	06/30/22	--	--	43.89	La Puente Valley County Water District
Covina Irrigating Company	04/20/22	06/30/22	--	--	82.58	California Domestic Water Company
JUH#1	05/12/22	06/30/22	--	--	64.00	5/ Canyon Water Company
IBY Property Owner, LLC	05/17/22	06/30/22	--	--	275.00	6/ Azusa Valley Water Company
City of Whittier	05/20/22	06/30/22	--	--	1,500.00	Covina Irrigating Company
Covina Irrigating Company	05/20/22	06/30/22	--	--	139.73	California Domestic Water Company
Covina Irrigating Company	05/20/22	06/30/22	--	--	2,000.00	Valley County Water District
Cadway, Inc.	05/23/22	06/30/22	--	--	488.18	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
IBY Property Owner, LLC	05/23/22	06/30/22	--	--	1,331.40	7/	San Gabriel Valley Water Company
Metropolitan Water District of Southern California	05/23/22	06/30/22	--	--	134.83	8/	San Gabriel Valley Water Company
City of Irwindale	05/23/22	06/30/22	--	--	285.38		San Gabriel Valley Water Company
Hanson Aggregates West, Inc.	05/24/22	06/30/22	--	--	1,600.00		California Domestic Water Company
Covina Irrigating Company	05/25/22	06/30/22	--	--	3,000.00		California Domestic Water Company
City of Covina	05/25/22	06/30/22	--	--	359.69		California Domestic Water Company
Amarillo Mutual Water Company	05/26/22	06/30/22	--	--	500.00		San Gabriel Valley Water Company
Workman Mill Investment Company	05/27/22	06/30/22	--	--	1,300.00		San Gabriel Valley Water Company
Canyon Water Company	06/15/22	06/30/22	--	--	445.89	9/	Covina Irrigating Company
Golden State Water Company - San Dimas	06/17/22	06/30/22	--	--	500.00	10/	Golden State Water Company - San Gabriel
Carolyn Heinrich	06/20/22	06/30/22	--	--	19.04		San Gabriel Valley Water Company
Golden State Water Company - San Dimas	06/20/22	06/30/22	--	--	500.00	11/	Covina Irrigating Company
Covina Irrigating Company	06/21/22	06/30/22	--	--	139.74		California Domestic Water Company
Sonoco Products Company	06/22/22	06/30/22	--	--	170.00		California Domestic Water Company
County of Los Angeles	06/22/22	06/30/22	--	--	625.00		San Gabriel Valley Water Company
Del Rio Mutual Water Company	06/30/22	06/30/22	--	--	60.00		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 0.75 AF of carryover rights.

3/ Includes 500 AF of carryover rights.

4/ Includes 22.01 AF of carryover rights.

5/ Base Annual Diversion Right of 32 AF. Also includes 32 AF of carryover rights

6/ Includes 275 AF of carryover rights.

7/ Includes 1,331.4 AF of carryover rights.

8/ Includes Base Annual Diversion Right of 9.59 AF and 125.24 AF of Production Right.

9/ Includes 169.10 AF of carryover rights.

10/ Includes 500 AF of carryover rights.

11/ Includes 500 AF of carryover rights.

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, 2022**

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 Ruebhausen, 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
PUMPER AS OF JUNE 30, 2022**

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	<u>8.36</u>	<u>0.00423</u>
	8.36	0.00423
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 Trust ¹ (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 Lynn ¹ (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	428.12	0.21662
California Domestic Water Company) ²	<u>1,074.60</u>	<u>0.54373</u>
	1,502.72	0.76035
Brondino, Jeanne¹		
(Successor to Anderson Family Marital Trust) ²	25.08	0.01269
(Transferred to Jeanne Rana Living Trust) ²	<u>-25.08</u>	<u>-0.01269</u>
	0.00	0.00000
Burbank Development Company	50.85	0.02563
(Transferred to Wright, Darrell A., Wright, Merle M. & Carlson, Jeanne W.) ²	<u>-50.85</u>	<u>-0.02563</u>
	0.00	0.00000
Cadway, Inc.¹		
(Successor to:		
Corcoran, Jack S. and R. L.	100.00	0.05060
Corcoran, Jack S. and R. L.	100.00	0.05060
Corcoran, Jack S. and R. L.	273.50	0.13839
Corcoran, Jack S. and R. L.	30.00	0.01518
Garnier, Janus	203.00	0.10272
Sloan Ranches	129.60	0.06558
Corcoran, Jack S. and R.L.) ²	243.50	0.12320
(Transferred to:		
California Domestic Water Company	-243.50	-0.12321
California Domestic Water Company	-129.60	-0.06558
California Domestic Water Company) ²	<u>-63.30</u>	<u>-0.03203</u>
	643.20	0.32545
Cal Fin	118.10	0.05976
(Transferred to Suburban Water Systems) ²	<u>-118.10</u>	<u>-0.05976</u>
	0.00	0.00000
California-American Water Company	7,868.70	3.98144
(San Marino System)		
(Successor to:		
Adams Ranch Mutual Water Company	100.00	0.05060
East Pasadena Water Company) ²	<u>1,407.69</u>	<u>0.71227</u>
	9,376.39	4.74431
California Country Club¹	0.00	0.00000
(Formerly CCC Management)		
California Domestic Water Company	11,024.82	5.57839
(Successor to:		
Cantrill Mutual Water Company ³	42.50	0.02150
Industry Properties, Ltd. ²	73.50	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	511.80	0.25896
(Transferred to City of Glendora) ²	<u>-511.80</u>	<u>-0.25896</u>
	0.00	0.00000
Coiner, James W., dba Coiner Nursery¹	--	--
Coiner Nursery, LLC¹	--	--
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.	747.00	0.37797
(Held in common with Corcoran, R. L.)		
(Transferred to:		
Cadway, Inc.	-100.00	-0.05060
Cadway, Inc.	-100.00	-0.05060
Cadway, Inc.	-273.50	-0.13839
Cadway, Inc.	-30.00	-0.01518
Cadway, Inc.) ²	<u>-243.50</u>	<u>-0.12320</u>
	0.00	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.	111.05	0.05619
(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.	-9.26	-0.00468
Goedert, Lillian E.	-9.26	-0.00468
Tate, Phillip G. and Sieglinde A.	-57.83	-0.02926
Snyder, Esther	-18.51	-0.00937
Aqua Capital Management LP) ²	<u>-16.19</u>	<u>-0.00820</u>
	0.00	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, LLC¹ (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, Rollin¹ (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	203.00	0.10271
Garnier, Camille A., Deceased, Estate of	8.30	0.00420
Garnier, Janus) ²	5.30	0.00268
(Transferred to California Domestic Water Company) ²	<u>-216.60</u>	<u>-0.10959</u>
	0.00	0.00000
Green, Walter	71.70	0.03628
(Transferred to California Domestic Water Company) ²	<u>-23.90</u>	<u>-0.01209</u>
	47.80	0.02419
Grizzle, Lissa B.	184.00	0.09310
(Held in common with Grizzle, Mervin A.; Wilson, Harold R.; Wilson, Sarah C.)		
(Transferred to City of Whittier) ²	<u>-184.00</u>	<u>-0.09310</u>
	0.00	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.	1,824.40	0.92312
Sully-Miller Contracting Company) ²	<u>489.77</u>	<u>0.24782</u>
	2,314.17	1.17094
Hartley, David¹	--	--
Hauch, Edward	--	--
(See Fisher, Russell)		
Heinrich, Carolyn¹		
(Successor to Anderson Family Marital Trust) ²	<u>25.08</u>	<u>0.01269</u>
	25.08	0.01269
Hemlock Mutual Water Company	166.00	0.08399
Hollenbeck Street Water Company	0.00	0.00000
(Transferred to Suburban Water Systems) ³		
Hughes Development Corporation¹		
(Successor to Base Line Water Company) ²	430.20	0.21767
(Transferred to:		
San Gabriel County Water District	-400.00	-0.20239
San Gabriel County Water District) ²	<u>-30.20</u>	<u>-0.01528</u>
	0.00	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: Maechtlen, 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	22.50	0.01138
(Transferred to Polopolus, et al.) ²	<u>-22.50</u>	<u>-0.01138</u>
	0.00	0.00000
Progressive Buddhist Association, The ¹	0.00	0.00000
Rados, Alexander	43.00	0.02176
(Held in common with Rados, Stephen and Rados, Walter)		
Rados, Stephen	--	--
(See Rados, Alexander)		
Rados, Walter	--	--
(See Rados, Alexander)		
Rana Living Trust, Jeanne		
(Successor to Brondino, Jeanne) ²	<u>25.08</u>	<u>0.01269</u>
	25.08	0.01269
Richwood Mutual Water Company	192.60	0.09745
(Transferred to San Gabriel Valley Water Company) ²	<u>-192.60</u>	<u>-0.09745</u>
	0.00	0.00000
Rincon Ditch Company	628.00	0.31776
(Transferred to Workman Mill Investment Company) ²	<u>-628.00</u>	<u>-0.31776</u>
	0.00	0.00000
Rincon Irrigation Company	314.00	0.15888
(Transferred to Workman Mill Investment Company) ²	<u>-314.00</u>	<u>-0.15888</u>
	0.00	0.00000
Rio Hondo Memorial Foundation, The ¹	--	--
(Formerly Rose Hills Foundation, The)		
(See Rose Hills Foundation, The)		
Rittenhouse, Catherine	0.00	0.00000
(Transferred to Covell, Ralph) ³		
Rittenhouse, James	0.00	0.00000
(Transferred to Covell, Ralph) ³		
Robertson's Ready Mix, Ltd. ¹		
(Successor to New Owl Rock Products) ²	715.60	0.36208
(Transferred to San Gabriel County Water District) ²	<u>-715.60</u>	<u>-0.36208</u>
	0.00	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)	594.00	0.30055
(Successor to Pacific Rock & Gravel Co.) ²	200.00	0.10120
(Transferred to:		
Workman Mill Investment Co.	-594.00	-0.30055
Workman Mill Investment Co.) ²	<u>-200.00</u>	<u>-0.10120</u>
	0.00	0.00000
Rosemead Development, Ltd. ¹		
(Successor to Thompson, Earl W.) ²	<u>1.00</u>	<u>0.00051</u>
	1.00	0.00051
Rurban Homes Mutual Water Company	217.76	0.11018
(Transferred to San Gabriel Valley Water Company) ²	<u>-217.76</u>	<u>-0.11018</u>
	0.00	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	62.50	0.03162
(Transferred to Kirklen, Dawn L. and William R.) ²	<u>-62.50</u>	<u>-0.03162</u>
	0.00	0.00000
San Gabriel Country Club	286.10	0.14476
San Gabriel County Water District	4,250.00	2.15044
(Successor to:		
Hughes Development Corporation	400.00	0.20239
Hughes Development Corporation	30.20	0.01528
Robertson's Ready Mix, Ltd.) ²	<u>715.60</u>	<u>0.36208</u>
	5,395.80	2.73019
San Gabriel Valley Municipal Water District	0.00	0.00000
San Gabriel Valley Water Company	16,659.00	8.42920
(Successor to:		
Vallecito Water Co.	2,867.00	1.45066
No. 17 Walnut Place Mutual Water Co.	21.50	0.01088
Cedar Avenue Mutual Water Company	121.10	0.06127
Beverly Acres Mutual Water Users Association	50.00	0.02530
Richwood Mutual Water Company	192.60	0.09745
Nicholson Trust, Helene S.	12.00	0.00607
Durfee Property, LLC	50.00	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) ²	<u>118.50</u>	<u>0.05996</u>
	20,736.75	10.49247
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, Co-trustee for the Estate of Winston F. Stoodly	38.70	0.01958
(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 %
Suburban Water Systems	20,462.47	10.35370
(Formerly Southwest Suburban Water)		
(Successor to:		
Hollenbeck Street Water Company ³	646.39	0.32706
La Grande Source Water Company ³	1,078.00	0.54545
La Puente Cooperative Water Co. ³	1,210.90	0.61270
Valencia Valley Water Company ³	651.50	0.32965
Victoria Mutual Water Company ³	469.60	0.23761
Cal Fin ²	118.10	0.05976
Murphy Ranch Mutual Water Co. ²	223.23	0.11295
Ruth Elaine Ailor Garnier Trust ²)	<u>41.70</u>	<u>0.02110</u>
	24,901.89	12.59998
 Sully-Miller Contracting Company¹		
(Successor to Blue Diamond Concrete	1,399.33	0.70804
Materials Div., The Flintkote Company) ²		
(Transferred to:		
United Rock Products Corporation	-909.56	-0.46022
Hanson Aggregates West, Inc.) ²	<u>-489.77</u>	<u>-0.24782</u>
	0.00	0.00000
 Sunny Slope Water Company	2,228.72	1.12770
 Tate, Phillip G. and Sieglinde A.¹		
(See Covell, et al.)		
(Successor to Jobe, Darr interest in Covell, et al.) ²	57.83	0.02926
(Successor to Covell, et al.) ²		
(Transferred to Tate, Phillip G. and Sieglinde A.,	<u>-57.83</u>	<u>-0.02926</u>
Trustees of the Tate Family Trust) ²	0.00	0.00
 Tate, Phillip G. and Sieglinde A., Trustees of the		
Tate Family Trust¹		
(Successor to Tate, Phillip G. and Sieglinde A.) ²	57.83	0.02926
 Taylor Herb Garden	6.00	0.00304
(Transferred to Covina Irrigating Company) ²	<u>-6.00</u>	<u>-0.00304</u>
	0.00	0.00000
 Texaco, Inc. (Chevron U.S.A., Inc.)	50.00	0.02530
(Transferred to Durfee Property, LLC) ²	<u>-50.00</u>	<u>-0.02530</u>
	0.00	0.00000
 Thompson, Earl W.	1.00	0.00051
(Held in common with Thompson, Mary)		
(Transferred to Rosemead Development, Ltd.) ²	<u>-1.00</u>	<u>-0.00051</u>
	0.00	0.00000
 Thompson, Mary	--	--
(See Thompson, Earl W.)		

PUMPER	PRESCRIPTIVE PUMPING RIGHT ACRE-FEET	PUMPER'S SHARE %
Tran, Hieu¹	--	--
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 Corporation¹ (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 Company¹ (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. Stooddy 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	628.00	0.31776
Rincon Irrigation Company	314.00	0.15888
Rose Hills Memorial Park Association	594.00	0.30055
Rose Hills Foundation, The) ²	<u>200.00</u>	<u>0.10120</u>
	1,736.00	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, 2022**

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;	-1.49	0.00	0.00000
Otting, Larry; and Webster, Scott) ²			
(Successor to Otting, David;	1.49	0.00	0.00000
Otting, Larry; and Webster, Scott) ²			
(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 %
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
(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

APPENDIX L

EXHIBIT "K" OF JUDGMENT CONSUMPTIVE USE PORTIONS OF PRODUCERS WITH OVERLYING RIGHTS AS OF JUNE 30, 2022

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>	4.5
(Formerly Queen of the Valley Hospital. ¹)	
<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, 2022

ACTIVE PARTY	DESIGNEE
Alhambra, City of	Martin Ray
Amarillo Mutual Water Company	Ernest Martinez
Andrade, Susan	Susan Andrade
Arcadia, City of	Paul Cranmer
Arcadia Reclamation, Inc.	Robert Bowcock
Azusa, City of	Melissa T. Barbosa
Azusa Valley Water Company	Melissa T. Barbosa
Baker Trust, The Kathryn W.	Kathryn W. Baker
Banks, Gale C. and Vicki L.	Gale and Vicki Banks
Brea, City of	William Gallardo
Cadway, Inc.	Lynda Noriega
California-American Water Company (Duarte System)	Garry Hofer
California-American Water Company (San Marino System)	Garry Hofer
California Country Club	Ara Cho
California Domestic Water Company	Lynda Noriega
Canyon Water Company	William L. McIntyre
Chevron U.S.A.	Leon F. Drozd, Esq.
Citrus Valley Medical Center, Queen of the Valley Campus	John Ramirez
County Sanitation District No. 18 of Los Angeles	Kristen Ruffell
Covina, City of	Christopher Marcarello
Covina Irrigating Company	David D. De Jesus
Crevolin, A. J.	A. J. Crevolin
Dawes, Mary Kay	Mary Kay Partridge
DeFalco, John and Carole	John and Carole DeFalco
Del Rio Mutual Water Company	Dario Herrera
East Pasadena Water Company	Lawrence M. Morales
El Monte, City of	George Cambero
El Monte Cemetery Association	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. and Anita Garnier James Richard Gates Chisom Obegolu Paul J. Rowley Benjamin Lewis, Jr. James M. Byerrum
Hanson Aggregates West, Inc. Heinrich, Carolyn Hemlock Mutual Water Company	Brandon Saeteurn Carolyn Heinrich Blanca E. Becerra
IBY, LLC IBY Property Owner, LLC Industry Waterworks Systems, City of Irwindale, City of	Jeffrey Dintzer 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 M. L. Whitehead
Pellissier Irrevocable QTIP Trust, et al, Laurence R., Co-tenancy of Pico County Water District Progressive Buddhist Association, The	Lynda Noriega Mark Grajeda 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 Michael L. Whitehead Chris Cimino Rick Adams Khaleda Hamid Anteneh Tesfaye Erika Clement Beverly Dominguez Craig Gott 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 W. 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

APPENDIX N

STATUS OF SECTION 28 APPLICATIONS As of June 30, 2022

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	Pending	--

Note:

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

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, 2022

Operable Unit			Total Water Treated		Total Contaminants Removed	
Treatment Facility Owner			Fiscal Year 2021-22 (Acre-feet)	Accum. Total (Acre-feet)	Fiscal Year 2021-22 (Pounds)	Accum. Total (Pounds)
	Treatment Facility(s)	Start Date 1/				
AREA 3						
ALHAMBRA, CITY OF	Well No. 7	July 2001	—	7,582.35	—	130.1
	Well No. 7, 8, 11 & 12	April 2009	2,200.50	33,566.72	69.0	1,337.2
BPOU						
CALIFORNIA DOMESTIC WATER COMPANY	Well No. 3, Well No. 5A Well No. 6, & Well No. 10	September 1993 April 1997	15,096.07	413,790.74	2,519.0	24,140.0
LA PUENTE VALLEY COUNTY WATER DISTRICT	Well No. 2, 3 & 4 Well No. 2, 3 & 5 (BPOU)	August 1992 January 2000	— 3,737.57	11,493.13 75,156.51	— 360.3	826.9 12,511.6
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	— — 5,526.64 5,873.14	5,194.17 14,526.27 151,335.74 146,427.82	— — 79.0 1,548.4	856.2 421.7 6,025.4 30,616.2
VALLEY COUNTY WATER DISTRICT	Lante Lante, SA1-1 & SA1-2 (BPOU)	June 1984 December 2004	— 2,675.58	7,719.61 89,161.88	— 435.6	10,356.7 45,381.1
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	855.46	5,766.31	78.3	354.4
GOULD AND JOHNSON CONTROLS	EMOU (Shallow Zone)	October 2015	54.33	291.79	7.4	44.8
GOLDEN STATE WATER COMPANY (SGV)	Encinita No. 1, 2 & 3	April 1998	1,663.39	35,491.30	25.5	797.7
HERMETIC SEAL CORPORATION	Hermetic Seal	May 2012	44.70	546.21	4.9	53.7
PVOU						
BDP - CARRIER	Carrier	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	521.66 4,089.67	20,090.00 100,160.09	20.5 452.0	1,404.2 16,278.2
SAN GABRIEL VALLEY WATER COMPANY	Well 8B, 8C, 8D & 8E	August 2002	3,816.60	58,077.51	767.7	9,859.9
GOLDEN STATE WATER COMPANY (SGV)	San Gabriel No.1 & 2	November 2001	1,623.81	28,296.69	39.5	792.3
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	1,520.78	63,429.59	1.5	1,887.3
PRODUCER FACILITY						
ARCADIA, CITY OF	Longden 1 & 2	January 1985	359.37	72,979.10	0.6	761.7
BOZUNG	Well B36, F38, F39 & BC34 5/	October 1994	—	233.00	—	131.3
COVINA IRRIGATING COMPANY	Baldwin 1, Baldwin 2, & Baldwin 3	April 2021	2,415.22	3,026.84	2.0	3.7
EL MONTE, CITY OF	Well No. 12 Well No. 10 2/ Well No. 2A	February 1997 May 2004 July 1999	66.94 — 494.39	16,593.88 6,380.82 12,676.06	13.0 — 4.7	1,200.2 43.4 168.0
EPA	Richwood (North Well) 6/ Richwood (South Well) 6/	April 1990 April 1990	—	451.98	—	5.8

Operable Unit	Treatment Facility(s)	Start Date 1/	Total Water Treated		Total Contaminants Removed	
Treatment Facility Owner			Fiscal Year 2021-22 (Acre-feet)	Accum. Total (Acre-feet)	Fiscal Year 2021-22 (Pounds)	Accum. Total (Pounds)

PRODUCER FACILITY

GOLDEN STATE WATER COMPANY (SD)	Art 2 & 3, Base 3 & 4, Hwy 1	May 2005	252.30	19,839.17	1.3	367.7
GOLDEN STATE WATER COMPANY (SGV)	Garvey No. 3	June 2016	366.75	3,040.16	4.1	29.4
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	March 1996	2,154.52	54,270.88	70.9	1,158.0
	Wells No. 3, 4 & 5	October 2007	1,641.09	28,206.45	6.4	241.4
MONTEREY PARK, CITY OF	Well No. 1, 3, 10 & Fern	June 2004	2,761.88	35,132.31	90.0	1,877.6
SAN GABRIEL VALLEY WATER COMPANY	Well 11B	March 1991	0.99	45,135.73	0.0	320.1
	Well B11B	March 1993	635.25	51,505.97	54.6	3,498.1
	Well B7C 7/	March 1993	—	46,711.28	—	1,824.2
	Well B4B & B4C	January 1999	—	24,093.04	—	1,233.5
	Well G4A	December 2005	715.54	6,093.28	36.5	140.7
SOUTH PASADENA, CITY OF	Wilson 3 & Wilson 4	January 2019	2,494.44	10,899.97	168.0	778.2
SUBURBAN WATER SYSTEMS	Well No. 140W-4 2/	May 2001	—	2,247.59	—	16.2
VALLEY COUNTY WATER DISTRICT	Maine East & West	June 1990	2,514.35	65,800.17	0.2	1,831.4
	Nixon East & West	January 2004	3,953.00	67,954.50	1.6	334.2
WATER QUALITY AUTHORITY	Arrow (Project No. 1) 2/	February 1992	—	7,250.41	—	17,423.0
	Big Dalton (Project No. 2) 2/	March 1997	—	1,229.02	—	82.5
	Whitmore Street	January 2008	11.38	360.52	5.1	204.4
	SEMOU	July 1999	—	3,885.19	—	1,558.5
	TOTAL		70,137.31	1,894,392.07	6,867.7	203,848.1

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 \$130.00 \$245.00	8/ 9/ 10/
2000-01	\$7.00	--	\$0.00	\$0.50	--	\$246.65 \$130.00 \$245.00	8/ 9/ 10/
2001-02	\$6.00	--	\$0.00	\$0.40	--	\$246.65 \$153.00 \$265.00	8/ 9/ 10/
2002-03	\$6.50	--	\$0.00	\$1.00	--	\$246.65 \$147.00 \$265.00	8/ 9/ 10/
2003-04	\$9.00	--	\$0.00	\$1.05	--	\$246.65 \$165.00 \$265.00	8/ 9/ 10/
2004-05	\$12.75	--	\$0.00	\$1.20	--	\$246.65 \$130.00 \$265.00	8/ 9/ 10/
2005-06	\$7.00	--	\$0.00	\$1.25	--	\$251.90 \$130.00 \$238.00	8/ 9/ 10/
2006-07	\$7.50	--	\$0.00	\$1.50	--	\$251.90 \$130.00 \$238.00	8/ 9/ 10/
2007-08	\$5.00	--	\$0.00	\$1.40	--	\$251.90 \$130.00 \$261.00	8/ 9/ 10/
2008-09	\$10.00	--	\$0.00	\$5.05	--	\$450.00 \$130.00 \$387.00	8/ 9/ 10/
2009-10	\$11.75	--	\$0.00	\$1.25	--	\$587.00 \$130.00 \$527.00	8/ 9/ 10/
2010-11	\$13.00	--	\$0.00	\$1.00	--	\$512.00 \$130.00 \$409.00	8/ 9/ 10/
2011-12	\$13.00	--	\$0.00	\$2.05	--	\$640.00 \$130.00 \$559.00	8/ 9/ 10/
2012-13	\$15.00	--	\$0.00	\$2.05	--	\$673.00 \$130.00 \$600.00	8/ 9/ 10/
2013-14	\$15.00	--	\$0.00	\$2.05	--	\$773.00 \$230.00 \$700.00	8/ 9/ 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
2014-15	\$15.00	--	\$0.00	\$10.00	\$20.00	\$773.00 8/ \$145.00 9/ \$700.00 10/	10.00%
2015-16	\$15.00	--	\$0.00	\$10.00	\$20.00	\$773.00 8/ \$165.00 9/ \$700.00 10/	10.00%
2016-17	\$15.00	--	\$0.00	\$10.00	\$40.00	\$869.00 8/ \$165.00 9/ \$779.00 10/	10.00%
2017-18	\$15.00	--	\$0.00	\$10.00	\$70.00	\$898.00 8/ \$185.00 9/ \$795.00 10/	10.00%
2018-19	\$15.00	--	\$0.00	\$10.00	\$105.00	\$934.00 8/ \$200.00 9/ \$831.00 10/	10.00%
2019-20	\$17.00	--	\$0.00	\$8.00	\$140.00	\$958.00 8/ \$200.00 9/ \$855.00 10/	10.00%
2020-21	\$17.00	--	\$0.00	\$8.00	\$175.00	\$980.00 8/ \$200.00 9/ \$877.00 10/	10.00%
2021-22	\$17.00	--	\$0.00	\$8.00	\$175.00	\$1,002.00 8/ \$200.00 9/ \$899.00 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
2014-15	--	--	--	--	--
2015-16	--	--	--	--	--
2016-17	\$7,800,938	9,236	1,492	670	11,398
2017-18	\$14,461,257	15,297	2,471	1,110	18,878
2018-19	\$19,735,063	20,056	3,240	1,455	24,751
2019-20	\$26,679,206	29,163	0	2,195	31,358
2020-21	\$36,060,143	38,461	0	2,850	41,311
2021-22	\$32,412,774	33,723	0	2,496	36,219

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
2022-2023



2022-23 Adopted Administration Budget

Attachment "A"

	2021-22 Adopted Budget	2021-22 Estimated Actual	2022-23 Adopted Budget
REVENUE			
Administrative Assessment*	\$ 3,230,000	\$ 3,503,749	\$ 3,060,000
BPOU Reimbursements	135,000	100,000	152,000
Interest Income	10,000	6,000	5,000
Admin/Other Income	292,200	292,200	306,100
Forward from Previous Fiscal Year	1,158,892	1,636,144	1,536,793
TOTAL REVENUE	\$ 4,826,092	\$ 5,538,093	\$ 5,059,893
EXPENSES			
Watermaster Board Compensation	\$ 20,000	\$ 15,000	20,000
Salaries, Benefits & Employee Development	1,831,800	1,650,000	1,877,000
Meeting and Travel	25,000	15,000	25,000
Vehicle Expense	11,000	9,000	11,000
Insurance	32,000	30,900	37,700
Office Supplies, Services, Rent and O&M	280,700	242,300	267,600
Legal Services	450,000	350,000	450,000
Audit	20,500	18,700	25,000
Public Education	190,000	200,800	121,000
Engineering	513,500	409,400	442,000
Production Reporting	5,000	5,000	5,000
Inspection/Meter Checks	40,000	35,000	37,500
Water Quality Monitoring	1,086,000	807,000	1,187,300
Water Quality Management	215,000	213,200	215,000
Contingency (Balance Figure)	105,592	-	338,793
TOTAL EXPENSES	\$ 4,826,092	\$ 4,001,300	\$ 5,059,893

* Figure based on Administrative Assessment of \$17.00/AF (\$17.00/AF X 180,000 AF = \$3,060,000)

Attachment "A"

**Main San Gabriel Basin Watermaster
2022-23 Administration Budget
Detail of Revenues**

Assessments Received (2021-22 Production)		\$ 3,060,000
Estimate of Production (AF)	180,000	
Proposed Admin. Assessment (\$/AF)	\$17	
BPOU Reimbursement		\$ 152,000
BPOU Labor & OH	152,000	
Interest		\$ 5,000
Interest on Operating Cash	5,000	
Admin/Other Income		\$ 306,100
Administrative Reimbursement	305,100	
Other Income (Carrier/Sale of Annl Rpts etc.)	1,000	
Forward from Previous Fiscal Year		<u>\$ 1,536,793</u>
<i>TOTAL REVENUE</i>		<i>\$ 5,059,893</i>

**Main San Gabriel Basin Watermaster
2022-23 Administration Budget
Detail of Expenditures**

Watermaster Board Compensation		\$ 20,000
Salaries/Benefits/Employee Development		\$ 1,877,000
Salaries & Overtime	1,123,800	
Benefits & Taxes	659,500	
Contribution to Medical Retiree Fund	78,700	
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		\$ 37,700
Staff, Treasurer's Bonds & Notary	350	
Travel/Accident Insurance	750	
Liability Coverage (inc D&O and Pollution Protection)	32,000	
Property & Cyber Liability Coverage	4,600	
Supplies/O&M		\$ 267,600
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	7,000	
Printing Expense	13,000	
Office supplies & services	50,000	
Dues (associations, professional)	34,600	
Equipment Maintenance/Agreements	36,000	
Computer/Office Equipment	18,000	
Legal Services		\$ 450,000
Nossaman LLP	450,000	
Auditing Fees		\$ 25,000
Financial Audit (incl. Actuaries)	25,000	
Public Education		\$ 121,000
Events (Water Forum)	6,000	
WM public education/relations material	25,000	
WM Outreach messaging	90,000	

Engineering		\$	285,000
General (meetings, OSY, annual report, etc.)	275,000		
Landfill inspections	10,000		
Federal, State, County - Technical Review		\$	157,000
General Review (meetings, report prep, studies, etc.)	124,000		
Database Management	21,000		
CASGEM	2,000		
Modeling	10,000		
Production Reporting	5,000	\$	5,000
Inspection/Meter Checks	37,500	\$	37,500
Water Quality Monitoring		\$	1,187,300
Sampling/Administration & Lab (Title 22)	553,300		
Sampling/Administration & Lab (UCMR4)	37,000		
Sampling/Administration & Lab (PFAS)	555,000		
SOC Waivers (every 3 years)	42,000		
Water Quality Management		\$	215,000
Section 28 Staff Reports	40,000		
Five-Year Plan	50,000		
Groundwater monitoring /well testing program	110,000		
Quagga Mussel Plan	15,000		
Contingency (balance figure)		\$	338,793
<i>TOTAL EXPENSES</i>		\$	<i>5,059,893</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, 2022 AND 2021**



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**MAIN SAN GABRIEL BASIN WATERMASTER
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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, 2022 and 2021, 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, 2022 and 2021, 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 audit was 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 black ink that reads "CliftonLarsonAllen LLP". The signature is written in a cursive, flowing style.

CliftonLarsonAllen LLP

Glendora, California
September 29, 2022

**MAIN SAN GABRIEL BASIN WATERMASTER
MANAGEMENT'S DISCUSSION AND ANALYSIS
JUNE 30, 2022 AND 2021**

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: Administration, In-Lieu, Replacement Water, Make-up Water, 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.

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 2021-22. 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.

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.

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 13, 2020, the Watermaster Board adopted Resolution No. 05-20-301 setting FY 2019-20 assessment rates, including RDA, on all water produced during FY 2019-20. 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, 2022 AND 2021**

Summary of Financial Information

For the year ending June 30, 2022, Watermaster's Total Assets increased by 24.7% to \$68.640 million, including an increase of 4.9% in Net Assets to \$41.496 million. The Administrative Fund had a net increase of \$270,000 primarily due to a reduction in legal expenses, savings in WQ Monitoring costs, and unused contingency expense, as well as a reduction in overall salaries and benefits. The Replacement Fund had a net increase of \$1.7 million primarily due to the San Gabriel Valley Municipal Water District's (SGVMWD) deferred Replacement Water Obligation. Also, this fund included \$156,000 in LAIF Interest Earned. The Make-Up Obligation Fund had a net decrease of \$46,180 since the LAIF rates decreased during this fiscal year; therefore, the revenue was less than the San Gabriel River Watermaster Expense.

Current liabilities include accounts payable of \$26 million in the Replacement Fund of which \$907,000 is from the reimbursement agreement with lower area parties for WNOU water, and \$803,000 for three producers Cyclic Storage Orders, plus pending delivery of \$1.9 million from San Gabriel Valley Municipal Water District for Replacement Obligation, and \$21.8 million from Upper San Gabriel Valley Municipal Water District for the RDA II Water Order.

Noncurrent liabilities increased by \$63,439 for Other Postemployment Benefits (OPEB). This came in higher than expectations, mostly due to the update to the discount rate from 3.51% to 2.41%. 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 2021-22, 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, 2022, is greater than the projected Accumulated Postretirement Benefit Obligation on June 30, 2022, by \$200,540.

Review of Revenues and Expenses

The Administrative Assessment revenue increased from the prior year by \$263,289 due to higher production (206,103.99 AF assessed in FY 2021-22 for water produced in 2020-21 vs. 190,616.44 AF assessed in FY 2020-21 for water produced in 2019-20), with the assessment remaining the same at \$17 per acre-foot. The increase in Engineering Fees from prior year was \$86,230, for Water Quality Monitoring expenses was \$73,348, for Water Quality Management expenses was \$5,690, and for Administrative and General expenses was \$25,005, primarily as a result of additional technical review and assistance necessary for regulatory compliance and planning.

Operating revenues in the Replacement Water Fund increased by \$9 million primarily due to the RDA Assessment going from \$140/AF to \$175/AF, and also because of an increase in overall production. In FY 2021-22, Cyclic Storage Water purchases decreased by \$22.6 million from prior year. Also, in FY 2021-22, there was an increase in Water Purchases Expense by \$7.9 million as a result of the greater RDA Water Purchases, offset by the decrease of Replacement Water Obligation.

The In-Lieu Assessment revenue increased by \$123,869, due to higher 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 2021-22, a transfer from the In-Lieu Fund to the

**MAIN SAN GABRIEL BASIN WATERMASTER
MANAGEMENT'S DISCUSSION AND ANALYSIS
JUNE 30, 2022 AND 2021**

Replacement Fund was made to cover the SGVMWD Deferred Replacement Water Obligation to meet the AEA calculations.

Comparison of FY 2021-22 Administration Budget to Actual Revenues and Expenses

Administrative Assessment revenue also came in higher than the budgeted amount due to higher water production during the fiscal year. Other Income and Reimbursements, which includes BPOU Reimbursements for Labor and Overhead, came in lower than Budget by \$40,000 this year, primarily due to a reduction in staffing following the departure of the Accountant assigned to the BPOU project. Interest Income was \$2,500 higher than budgeted due to budgeting conservatively during the COVID-19 Pandemic.

Overall, Engineering and related expenses came in lower than budget by approximately 32%. This savings is mostly seen in the Carson Recycled Water Project, WNOU, and Public Health Goals line items. Watermaster efforts on the Carson Recycled Water Project (Pure Water Southern California) were more focused on collaboration vs. technical review. Our budget for the Whittier Narrows Operable Unit was lower due to remote meetings and less water produced due to site vandalism. The Public Health Goals item during this fiscal year involved fewer systems. Additionally, savings were seen in WQ Monitoring primarily due to PFAS Lab & Sampling costs. The Basin-wide sampling program was deferred to fiscal year 2022-23. Under WQ Management, Section 28 Staff Reports came in about \$15,000 less than budgeted as a result of fewer applications for new wells and/or treatment facilities.

Legal expenses for the year were budgeted to include legal assistance with anticipated regulatory approvals for the Quagga Mussel Plan and concerns over new Steelhead Trout regulations. In total, legal expenses for fiscal year 2021-22 were 76% lower than budgeted.

Areas of higher than budgeted expenditures include Public Education and Depreciation Expense. Public Education Expense was higher than budgeted by 34% due to additional drought coordination and messaging with our public outreach consultant CityWorks. Depreciation Expense is not a budgeted item, but the expense was higher this year due to the disposal of the old telephone system.

Budget savings were seen in several areas, other than engineering. Salaries and Benefits posted 13% lower than expected due to unfilled accounting position. Meeting and Travel Expense, as well as Office Expense continued to have savings primarily due to working remotely during the pandemic while most meetings were held via Zoom. 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 \$105,592 was left unused for FY 2021-22.

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, 2022 AND 2021**

	<u>2022</u>	<u>2021</u>
ASSETS		
CURRENT ASSETS		
Cash and Cash Equivalents	\$ 59,307,313	\$ 33,615,873
Accounts Receivable	1,191,893	13,333,188
Due from BPOU Committee	259,401	299,008
Accrued Interest Receivable	111,459	30,706
Prepaid Expenses	12,663	12,608
Employee Loans Receivable	-	250
Total Current Assets	<u>60,882,729</u>	<u>47,291,633</u>
NONCURRENT ASSETS		
Prepaid Water Purchases	7,750,972	7,750,972
Equipment and Leasehold Improvements, Net	6,113	14,893
Total Noncurrent Assets	<u>7,757,085</u>	<u>7,765,865</u>
Total Assets	<u><u>\$ 68,639,814</u></u>	<u><u>\$ 55,057,498</u></u>
LIABILITIES AND NET ASSETS		
CURRENT LIABILITIES		
Accounts Payable	\$ 26,550,511	\$ 14,964,618
Accrued Payroll	82,137	83,054
Accrued Vacation	81,015	97,298
Deferred Revenue	14,235	-
Current Portion of Long-Term Debt	-	3,498
Total Current Liabilities	<u>26,727,898</u>	<u>15,148,468</u>
NONCURRENT LIABILITIES		
Postretirement Benefit Obligation	<u>415,581</u>	<u>352,142</u>
Total Noncurrent Liabilities	<u>415,581</u>	<u>352,142</u>
Total Liabilities	27,143,479	15,500,610
NET ASSETS		
Without Restrictions:		
Administrative Fund	2,702,623	2,432,518
Replacement Fund	25,215,925	23,500,403
Make-Up Fund	13,577,787	13,623,967
Total Net Assets	<u>41,496,335</u>	<u>39,556,888</u>
Total Liabilities and Net Assets	<u><u>\$ 68,639,814</u></u>	<u><u>\$ 55,057,498</u></u>

See accompanying Notes to Financial Statements.

**MAIN SAN GABRIEL BASIN WATERMASTER
STATEMENTS OF REVENUES, EXPENSES, AND CHANGE IN NET ASSETS
YEARS ENDED JUNE 30, 2022 AND 2021**

	<u>2022</u>	<u>2021</u>
OPERATING REVENUES		
Administrative Assessments, Net	\$ 3,503,768	\$ 3,240,479
In-Lieu Assessments	1,648,629	1,524,760
Replacement Assessments, Net	40,587,535	31,536,583
Cyclic Storage	11,228,485	33,840,942
Other Income and Reimbursements	<u>386,962</u>	<u>422,178</u>
Total Operating Revenues	57,355,379	70,564,942
OPERATING EXPENSES		
Water Purchases	40,158,498	32,215,499
Cyclic Storage	11,228,485	32,862,487
In-Lieu Expenses	518,345	503,676
Engineering Fees	383,862	297,632
Water Quality Monitoring	721,393	648,045
Water Quality Management	195,872	190,182
Administrative and General	2,375,135	2,350,130
Depreciation Expense	<u>8,780</u>	<u>5,349</u>
Total Operating Expenses	55,590,370	69,073,000
OPERATING INCOME	1,765,009	1,491,942
NONOPERATING REVENUES (EXPENSES)		
Interest Income and Other Income (Expense)	219,536	279,938
Postretirement-Related Changes		
Other than Net Periodic Benefit Cost	<u>(45,098)</u>	<u>11,892</u>
Total Nonoperating Revenues	174,438	291,830
CHANGES IN NET ASSETS	1,939,447	1,783,772
Net Assets - Beginning of Year	<u>39,556,888</u>	<u>37,773,116</u>
NET ASSETS - END OF YEAR	<u>\$ 41,496,335</u>	<u>\$ 39,556,888</u>

See accompanying Notes to Financial Statements.

**MAIN SAN GABRIEL BASIN WATERMASTER
STATEMENTS OF CASH FLOWS
YEARS ENDED JUNE 30, 2022 AND 2021**

	<u>2022</u>	<u>2021</u>
CASH FLOWS FROM OPERATING ACTIVITIES		
Change in Net Assets	\$ 1,939,447	\$ 1,783,772
Adjustments to Reconcile Changes in Net Assets to Net Cash Provided (Used) by Operating Activities:		
Depreciation	8,780	5,349
Postretirement Benefit Related Changes	63,439	1,725
Changes in Operating Assets and Liabilities:		
Accounts Receivable	12,141,295	(13,333,188)
Due from BPOU Committee	39,607	601,594
Prepaid Expenses	(55)	(2,919)
Accounts Payable	11,585,893	9,141,862
Accrued Payroll and Benefits	(17,200)	28,867
Deferred Revenue	14,235	
Net Cash Provided (Used) by Operating Activities	<u>25,775,441</u>	<u>(1,772,938)</u>
CASH FLOWS FROM INVESTING ACTIVITIES		
Net Change in Accrued Interest Receivable	(80,753)	71,982
Purchase of Fixed Assets	-	(5,510)
Cash Received (Advanced) for Employee Loans	250	2,244
Net Cash Provided (Used) by Investing Activities	<u>(80,503)</u>	<u>68,716</u>
CASH FLOWS FROM FINANCING ACTIVITIES		
Cash Paid for Principal Payments on Note	<u>(3,498)</u>	<u>(3,875)</u>
Net Cash Used by Financing Activities	<u>(3,498)</u>	<u>(3,875)</u>
NET INCREASE (DECREASE) IN CASH AND CASH EQUIVALENTS	25,691,440	(1,708,097)
Cash and Cash Equivalents - Beginning of Year	<u>33,615,873</u>	<u>35,323,970</u>
CASH AND CASH EQUIVALENTS - END OF YEAR	<u><u>\$ 59,307,313</u></u>	<u><u>\$ 33,615,873</u></u>

See accompanying Notes to Financial Statements.

**MAIN SAN GABRIEL BASIN WATERMASTER
NOTES TO FINANCIAL STATEMENTS
JUNE 30, 2022 AND 2021**

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, 2022 and 2021, 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, 2022 AND 2021**

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, 2022 and 2021, 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, 2022 and 2021 include \$616,121 and \$554,863, 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, 2022 and 2021 was \$8,780 and \$5,349, 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 on October 16, 1981.

U.S. GAAP requires management to evaluate tax positions taken by Watermaster and recognize a tax liability (or asset) if an uncertain position has been taken that more likely than not would not be sustained upon examination. Management has analyzed the tax positions taken by Watermaster, and has concluded that as of June 30, 2022, there are no uncertain positions taken or expected to be taken that would require recognition of a liability (or asset) or disclosure in the financial statements. The primary tax positions evaluated are related to Watermaster's continued qualification as a tax-exempt organization. The statute of limitations for federal and California purposes is generally three and four years, respectively.

**MAIN SAN GABRIEL BASIN WATERMASTER
NOTES TO FINANCIAL STATEMENTS
JUNE 30, 2022 AND 2021**

NOTE 1 SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES (CONTINUED)

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.

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.

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, 2022 AND 2021**

NOTE 3 EQUIPMENT AND LEASEHOLD IMPROVEMENTS

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

	<u>2022</u>	<u>2021</u>
Furniture and Equipment	\$ 204,503	\$ 218,117
Leasehold Improvements	<u>27,496</u>	<u>27,496</u>
Total	231,999	245,613
Less Accumulated Depreciation	<u>(225,886)</u>	<u>(230,720)</u>
Equipment and Leasehold Improvements, Net	<u><u>\$ 6,113</u></u>	<u><u>\$ 14,893</u></u>

NOTE 4 OPERATING LEASES

Watermaster leases office space from the city of Azusa under a year-to-year lease agreement which commenced on July 21, 1995 and is renewable for the next 55 years. Rent expense for the years ended June 30, 2022 and 2021 was \$76,309, and \$76,067, respectively.

Watermaster has renewed the lease for the following year with the same monthly base payments totaling \$67,000 for the year ending June 30, 2022. In addition, Watermaster is required to pay additional rent monthly based on a percentage of management and operating expenses.

Watermaster also leases certain equipment under noncancelable leases. Future minimum rental commitments under these leases are as follows:

<u>Year Ending June 30,</u>	<u>Minimum Lease Commitment</u>
2023	\$ 9,806
2024	8,659
2025	<u>2,165</u>
Total	<u><u>\$ 20,630</u></u>

**MAIN SAN GABRIEL BASIN WATERMASTER
NOTES TO FINANCIAL STATEMENTS
JUNE 30, 2022 AND 2021**

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 10.88% and 7.59% of annual covered payroll for Classic Members and PEPRA Members, respectively. The contribution requirements of plan members and Watermaster are established and may be amended by CalPERS. For fiscal year ended June 30, 2022, Watermaster's annual pension cost of \$276,321 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, 2021 measurement date, the most recent actuarial valuation date available:

	Plan-Wide Information (In Thousands)
Total Pension Liability	\$ 46,174,942
Less: Plan Fiduciary Net Position	40,766,654
Plan Net Pension Liability	<u>\$ 5,408,288</u>
Funded Ratio	88.29%

**MAIN SAN GABRIEL BASIN WATERMASTER
NOTES TO FINANCIAL STATEMENTS
JUNE 30, 2022 AND 2021**

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, 2022, the fund's designated balance was \$616,121.

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

	<u>2022</u>	<u>2021</u>
Plan Obligations and Funded Status:		
Projected Benefit Obligation at June 30	\$ 415,581	\$ 352,142
Plan Assets at Fair Value at June 30	<u>-</u>	<u>-</u>
Unfunded Status at End of Year	<u>\$ 415,581</u>	<u>\$ 352,142</u>
Employer Contributions	\$ 9,473	\$ 9,716
Plan Participants' Contributions	-	-
Benefits Paid	9,473	9,716

Amount recognized in the balance sheets at June 30, 2022 and 2021 consists of:

	<u>2022</u>	<u>2021</u>
Other Postretirement Benefit Obligation	<u>\$ 415,581</u>	<u>\$ 352,142</u>

**MAIN SAN GABRIEL BASIN WATERMASTER
NOTES TO FINANCIAL STATEMENTS
JUNE 30, 2022 AND 2021**

NOTE 6 POSTRETIREMENT HEALTH BENEFIT PLAN (CONTINUED)

Amount recognized in the statements of revenues, expenses, and changes in net assets at June 30, 2022 and 2021 consists of:

	<u>2022</u>	<u>2021</u>
Service Cost	\$ 9,405	\$ 9,086
Interest Cost	12,303	12,055
Amortization of Unrecognized Net (Gain)/Loss	<u>6,106</u>	<u>2,192</u>
Net Periodic Benefit Cost	27,814	23,333
 Total Postretirement-Related Changes		
Other than Net Periodic Benefit Cost	<u>45,098</u>	<u>(11,892)</u>
Total Amount Recognized in the Statement of Revenues, Expenses, and Changes in Net Assets	<u><u>\$ 72,912</u></u>	<u><u>\$ 11,441</u></u>

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

	<u>2022</u>	<u>2021</u>
Actuarial Loss	\$ (69,644)	\$ (63,538)
Amounts Previously Recognized in Unrestricted Net Assets, not yet Recognized as Periodic Benefit Cost at June 30	<u><u>\$ (69,644)</u></u>	<u><u>\$ (63,538)</u></u>

Weighted-average assumption used to determine benefit obligations as of June 30, 2022 and 2021:

	<u>2022</u>	<u>2021</u>
Discount Rate	2.41%	3.51%
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	6.50%	6.50%
Rate to Which the Cost Trend Rate is Assumed to Decline (the Ultimate Rate)	4.50%	5.00%
Year that the Rate Reaches the Ultimate Trend Rate	5+ Years	5+ Years

**MAIN SAN GABRIEL BASIN WATERMASTER
NOTES TO FINANCIAL STATEMENTS
JUNE 30, 2022 AND 2021**

NOTE 6 POSTRETIREMENT HEALTH BENEFIT PLAN (CONTINUED)

Watermaster expects to contribute \$20,618 to the plan during the next fiscal year ended June 30, 2023. The following is a projection of expected future benefit payments under the plan:

<u>Year Ending June 30,</u>	<u>Amount</u>
2023	\$ 20,618
2024	25,120
2025	33,519
2026	40,616
2027	11,223
Thereafter	135,563
Total	<u>\$ 266,659</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.

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.

**MAIN SAN GABRIEL BASIN WATERMASTER
NOTES TO FINANCIAL STATEMENTS
JUNE 30, 2022 AND 2021**

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 29, 2022, the date the financial statements were available to be issued. All subsequent events requiring recognition or disclosure have been incorporated into these financial statements.

SUPPLEMENTARY INFORMATION

**MAIN SAN GABRIEL BASIN WATERMASTER
SCHEDULE OF REVENUES, EXPENSES, AND
CHANGE IN NET ASSETS—ADMINISTRATIVE FUND
YEAR ENDED JUNE 30, 2022
(SEE INDEPENDENT AUDITORS' REPORT)**

	Annual Budget/ (Unaudited)	Actual	Budget vs. Actual
OPERATING REVENUES			
Administrative Assessments, Net	\$ 3,230,000	\$ 3,503,768	\$ 273,768
Other Income and Reimbursements	427,200	386,959	(40,241)
Total Operating Revenues	<u>3,657,200</u>	<u>3,890,727</u>	<u>233,527</u>
OPERATING EXPENSES			
Watermaster Compensation	20,000	11,100	(8,900)
Salaries and Benefits	1,831,800	1,616,085	(215,715)
Meeting and Travel	25,000	8,573	(16,427)
Vehicle Expense	11,000	8,175	(2,825)
Insurance	32,000	30,579	(1,421)
Engineering Fees	513,500	346,914	(166,586)
Production Reporting	5,000	5,236	236
Legal Fees	450,000	108,898	(341,102)
Accounting and Auditing	20,500	18,681	(1,819)
Inspection and Meter Checks	40,000	31,712	(8,288)
Contingencies	105,592	-	(105,592)
Water Quality Monitoring	1,086,000	721,393	(364,607)
Depreciation Expense	-	8,780	8,780
Water Quality Management	215,000	195,872	(19,128)
Public Education	190,000	255,293	65,293
Building Lease	95,000	76,309	(18,691)
Office Improvements	6,000	3,297	(2,703)
Postage and Meter Lease	7,000	3,708	(3,292)
Copier Lease/Usage	11,000	9,709	(1,291)
Telephone	5,000	4,746	(254)
Printing	13,000	11,299	(1,701)
Office Supplies and Services	50,000	33,775	(16,225)
Dues	32,200	30,700	(1,500)
Equipment Maintenance Agreements	36,500	31,376	(5,124)
Computer/Office Equipment	25,000	15,832	(9,168)
Total Operating Expenses	<u>4,826,092</u>	<u>3,588,042</u>	<u>(1,238,050)</u>
OPERATING INCOME	(1,168,892)	302,685	1,471,577
NONOPERATING REVENUES (EXPENSES)			
Interest Income and Other Income (Expense)	10,000	12,518	2,518
Postretirement-Related Changes Other than Net Periodic Benefit Cost	-	(45,098)	(45,098)
Total Nonoperating Revenues (Expenses)	<u>10,000</u>	<u>(32,580)</u>	<u>(42,580)</u>
CHANGE IN NET ASSETS	<u>\$ (1,158,892)</u>	270,105	<u>\$ 1,428,997</u>
Net Assets - Beginning of Year		<u>2,432,518</u>	
NET ASSETS - END OF YEAR		<u>\$ 2,702,623</u>	

**MAIN SAN GABRIEL BASIN WATERMASTER
SCHEDULE OF REVENUES, EXPENSES, AND
CHANGE IN NET ASSETS—REPLACEMENT WATER FUND
YEAR ENDED JUNE 30, 2022
(SEE INDEPENDENT AUDITORS' REPORT)**

OPERATING REVENUES

Replacement Assessments	\$ 4,527,203
RDA	36,060,332
In-Lieu Assessments	1,648,632
Cyclic Storage Water	<u>11,228,485</u>
Total Revenues	<u>53,464,652</u>

OPERATING EXPENSES

Water Purchases	4,098,368
Water Purchases - RDA II	36,060,130
Cyclic Storage Water	11,228,485
In-Lieu Expenses - Alhambra Exchange and Capacity Charge	<u>518,345</u>
Total Expenses	<u>51,905,328</u>

OPERATING INCOME

1,559,324

NONOPERATING REVENUES

Interest Income	<u>156,198</u>
Nonoperating Revenues	<u>156,198</u>

CHANGE IN NET ASSETS

1,715,522

Net Assets - Beginning of Year

23,500,403

NET ASSETS - END OF YEAR

\$ 25,215,925

**MAIN SAN GABRIEL BASIN WATERMASTER
SCHEDULE OF REVENUES, EXPENSES, AND
CHANGE IN NET ASSETS—MAKE-UP OBLIGATION FUND
YEAR ENDED JUNE 30, 2022
(SEE INDEPENDENT AUDITORS' REPORT)**

OPERATING EXPENSES	
San Gabriel River Watermaster	\$ 97,000
Net Operating Expenses	<u>97,000</u>
OPERATING LOSS	(97,000)
NONOPERATING REVENUES	
Interest Income	<u>50,820</u>
Nonoperating Revenues	<u>50,820</u>
CHANGE IN NET ASSETS	(46,180)
Net Assets - Beginning of Year	<u>13,623,967</u>
NET ASSETS - END OF YEAR	<u><u>\$ 13,577,787</u></u>



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Main San Gabriel Basin
WATERMASTER



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Martin Zvirbulis, Secretary – San Gabriel Valley Water Company

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David De Jesus, Covina Irrigating Company

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

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Steven Placido, San Gabriel Valley Municipal Water District

Charles Treviño, Upper San Gabriel Valley Municipal Water District

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