1 2 3 4 5 6	NOSSAMAN LLP FREDERIC A. FUDACZ (SBN 50546) ffudacz@nossaman.com ALFRED E. SMITH, II (SBN 186257) asmith@nossaman.com 777 S. Figueroa Street, 34th Floor Los Angeles, CA 90017 Telephone: 213.612.7800 Facsimile: 213.612.7801 Attorneys for Main San Gabriel Basin Water	EXEMPT FROM FILING FEES GOVERNMENT CODE § 6103
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9	SUPERIOR COURT OF THE	HE STATE OF CALIFORNIA
10	FOR THE COUNTY	OF LOS ANGELES
11		ľ
12	UPPER SAN GABRIEL VALLEY MUNICIPAL WATER DISTRICT,	Case No: C924 128
13	Plaintiff,	Assigned for all purposes to: Honorable Maureen Duffy-Lewis, Dept.
14	VS.	38
15	CITY OF ALHAMBRA,	NOTICE OF FILING AND FILING OF WATERMASTER ANNUAL REPORT
16	Defendant.	PURSUANT TO JUDGMENT SECTION 36
17 18		NO HEARING REQUIRED
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	NOTICE OF FILING AND FILING OF	1 - WATERMASTER ANNUAL REPORT
- 1		VV O EDIVIZIO I ED ANNUAL REPURT

Notice is hereby given that the 2017-2018 Watermaster Annual Report is being filed with the Court, in accordance with Section 36 of the amended Judgment in the above-referenced case. Copies of the Annual Report are being served on the Parties. Dated: November 6, 2018 **NOSSAMAN LLP** FREDERIC A. FUDACZ ALFRED E. SMITH, II Attorneys for Main San Gabriel Basin Watermaster



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

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Cover photo of the Ira J. Chrisman Wind Gap Pumping Plant, which is part of the California Aqueduct that delivers imported water to the Basin. Photo is courtesy of California Department of Water Resources. 2

45 YEARS SUCCESSFULLY ENSURING A RELIABLE AND HIGH-QUALITY WATER SUPPLY

We Have Worked Our Way Through 20 Years of Drought. Many people are not aware that in the last two decades, the Basin endured 16 years of below-average rainfall. The recent five-year drought was among the worst—the lack of rainfall led to decreased stormwater runoff for replenishment of the Basin. As a result, we received over 400,000 acre-feet less water to refill the Basin in those years, lowering the groundwater level by about 50 feet as measured at the Key Well.

This is the first sustained period of declining groundwater levels with very little rebound since Watermaster was founded in 1973.

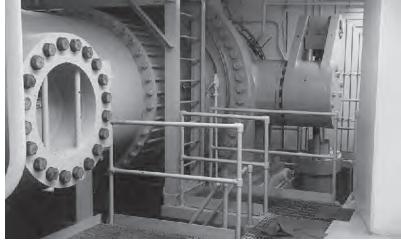
To Respond to the Extended Drought and Falling Groundwater Levels, Watermaster Has Developed and Implemented Many Innovative Programs. Here are some of the notable initiatives undertaken by Watermaster in recent years.

Established a reliable storage program.	Developed and implemented an imported water "in-lieu" program.
Implemented a stormwater augmentation program.	Incentivized the pre-purchase of replacement water.
Levied a new assessment to pay for these two programs.	Created a new Storage and Export Agreement.
Evaluated imported Colorado River water for additional supply.	Expanded retail conservation outreach efforts.

Thank you! These actions and many others taken by Watermaster in collaboration with the Producers, other regional water suppliers, and regulators will help refill the Basin and ensure safe and reliable water supplies into the future. I look forward to another year working with all of you as we collaborate effectively to manage, protect, and fill the Main San Gabriel Groundwater Basin we all depend on.

Tony ZampielloExecutive Officer

Watermaster is working on many new initiatives. The Carson Recycled Water Project alone could reliably provide over 70,000 acre-feet of water per year—raising the Basin by over 50 feet—helping drought-proof the San Gabriel Valley.



Devil's Canyon Intake Structure on the State Water Project.

MAIN SAN GABRIEL BASIN WATERMASTER

Formation of Watermaster Ushered in Era of Effective Water Management

Obtaining and keeping adequate supplies of high-quality water has always been a challenge in semi-arid Southern California. Below are highlights of San Gabriel Valley water history, including how Main San Gabriel Basin Watermaster gradually settled decades-long struggles between residents and built a foundation for the proper management of the groundwater supply and quality.

THE VALLEY'S WATER HISTORY AT A GLANCE

1880s – Water Wars: Fighting Over Limited Supplies.Armed residents defend water supplies in a fight between the foothill communities and downstream users.

1880



1930

1930s – Building for Prosperity.
The Valley's first major water
systems were constructed during
the Great Depression, including
Morris Dam, which was originally
built to store water and later also
used to support water recharge.
(Photo: discharge apparatus for

Morris Dam.)



1950

1950s – Growth and Drought Lead to Legal Action. Despite expansion of imported supplies, growth and drought reduced downstream flows of groundwater. As a result, users south of the Valley initiated lawsuits.

Construction of Oroville Dam, one

source of imported water, courtesy

of Ca. Dept. of Water Resources.

1960

1960s – Still Fighting Over Water: Lawsuit Begins Modern Era. In the early 1960s, the Long Beach area successfully sued San Gabriel Valley water Producers to receive Make-Up Water when river flows are not sufficient.



1900s – A Dry and Difficult Landscape.
San Gabriel Valley was barren at the turn of the century, before major development of water supplies.



1940

1940s – Rapid Urbanization and Decrease in Recharge. The San Gabriel Valley experienced a period of rapid urbanization, as well as a decrease in recharged wastewater due to sewer and flood control improvements. This led to an increased demand for groundwater drawn from the Main San Gabriel Basin.



1970

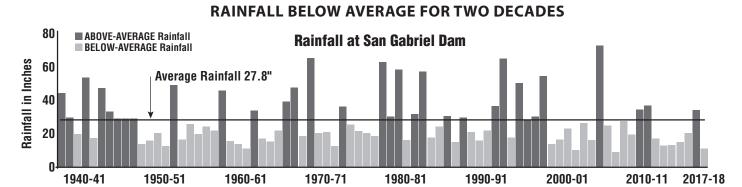
Watermaster 1973 to Present – Managing Groundwater and Cleaning the Basin

- 1973 <u>Watermaster Formed to Manage the Basin</u>. Following a second lawsuit, the Court created a legal Judgment establishing water rights and forming Watermaster to manage the Main San Gabriel Basin.
- 1991 <u>Water Quality Powers Granted.</u> Authority to protect water quality was granted to Watermaster in 1991. Since then, Watermaster has actively worked to monitor, protect, and improve water quality throughout the Basin.
- 2012 <u>An Amended Judgment for Greater Flexibility.</u> In response to ongoing drought, Watermaster returned to the Court, which amended the Judgment to allow Watermaster to act more proactively and flexibly to manage water supplies.

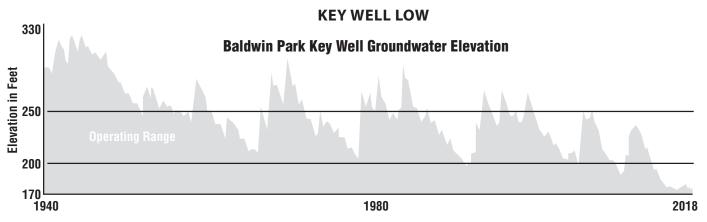
MAIN SAN GABRIEL BASIN WATERMASTER

Water Supply Reality – 16 of Past 20 Years Received Below-Average Rainfall

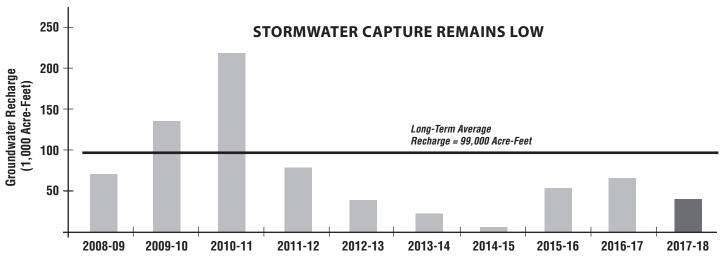
The San Gabriel Valley has endured two decades of near-continuous drought, with 16 of the past 20 years experiencing below-average rainfall. In the face of this challenge, Watermaster is making major progress in improving long-term water supply and sustainability.



The current drought has lasted 20 years, with 16 of the past 20 years receiving below-average rainfall.

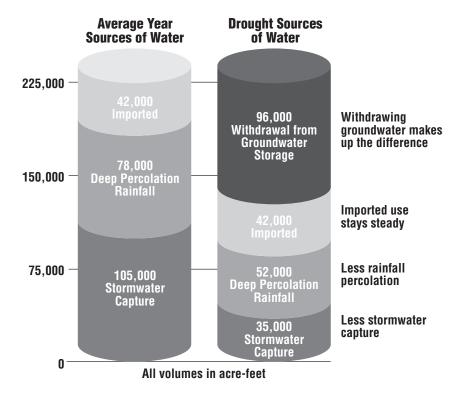


The extended drought has reduced percolation into the Basin and the Key Well level is nearing historic lows. Watermaster has implemented many new programs to raise the groundwater level at the Key Well.



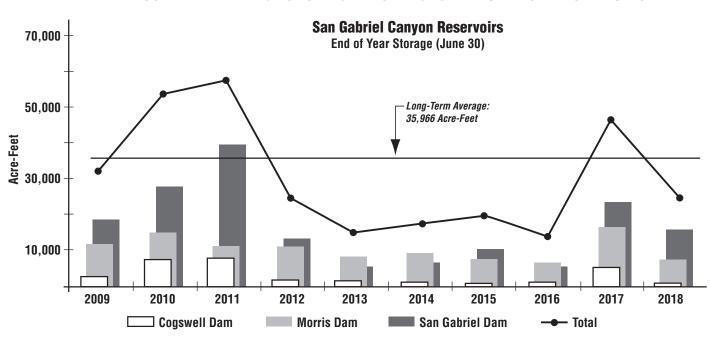
Stormwater capture for recharge into the Basin remains low for the seventh year in a row due to continued below-average rainfall.

IMPORTED WATER IS STORED IN THE BASIN TO MEET NEEDS DURING DROUGHT



The sources of water in the San Gabriel Valley are consistently about 23% imported and 77% local water. In drought years, additional stored groundwater is pumped from the Basin to make up for the reduced rainfall and stormwater percolation.

LESS THAN AVERAGE STORAGE IN SAN GABRIEL CANYON RESERVOIRS



Water quantities stored in San Gabriel Canyon Reservoirs are below average due to continued below-average rainfall. Conditions in the San Gabriel Valley are so dry that most of the rainwater received during periodic above-average rain years is absorbed into the watershed; therefore, very little runoff has flowed to area reservoirs and recharged the groundwater table.

MAIN SAN GABRIEL BASIN WATERMASTER 2017–18 ANNUAL REPORT

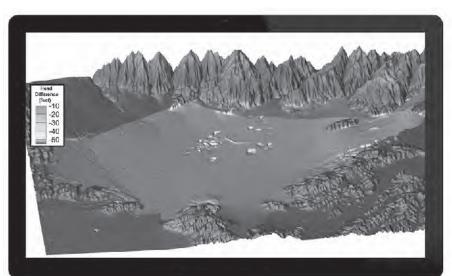
Combining Science and Technology with Collaborative Management

The Main San Gabriel Basin (Basin) is massive, holding 1.2 trillion gallons of water spread across roughly 170 square miles. Numerous stakeholders rely on this groundwater basin, including cities, county, regulators, water agencies, businesses, and many others. To effectively manage the Basin, Watermaster uses advanced science and engineering practices, and works cooperatively with stakeholders.

TECHNOLOGY AND PLANNING TO BETTER MANAGE THE WATER SUPPLY

UPDATED ANNUAL FIVE-YEAR WATER QUALITY AND SUPPLY PLAN

Each year, Watermaster updates its Five-Year Water Quality and Supply Plan (Plan), which summarizes water quality and water supply conditions, including concerns relative to specific contaminants and the vulnerability of Basin wells. The Plan also presents all of Watermaster's active programs, and ends with an update on current and future cleanup projects.



NEW 3-D COMPUTER MODEL COMPLETE

After three years of development, Watermaster's new 3-D computer groundwater model is complete. The enhanced modeling tool provides greater capabilities for understanding groundwater conditions, developing new management strategies, and testing the success of outcomes.

OPERATING SAFE YIELD (OSY) HELD LOW FOR FOURTH YEAR IN A ROW

The Operating Safe Yield Sets Pumping
Limits before Replenishment Water Must Be
Purchased. A low OSY triggers the purchase
of additional Replenishment Water to meet

demands, thereby helping to maintain Basin levels. Because there is no limit on pumping in the Basin, pumping in excess of water rights requires the pumper to pay a Replacement Water Assessment, which is then used to purchase imported Replenishment Water to make up for that additional pumping.

Unprecedented Fourth Year Limiting OSY to 150,000 Acre-Feet. For an unprecedented fourth year in a row, the OSY has been limited to 150,000 acre-feet to promote conservation and require the purchase of more Replenishment Water. This limit will help minimize further decline, and promote refilling of the Basin.

ENSURING THAT STORM REGULATION DOES NOT IMPACT WATER RIGHTS

Watermaster continues to collaborate with regional stakeholders such as Los Angeles County Department of Public Works, Los Angeles County Flood Control District (LACFCD), and the San Gabriel Valley Council of Governments (COG) to ensure that the Municipal Separate Storm Sewer System (MS4) process addresses water quality concerns, increases stormwater reuse, and augments the water supply without impacting existing adjudications, water rights, and Basin safe yield.

SUPPORTING LOCAL WATER INITIATIVES

PROMOTING CONSERVATION

Watermaster continues to partner with Producers and regional agencies in support of conservation programs and related outreach campaigns.

HELPING LOCAL WATER PURVEYORS SELF-CERTIFY WATER SUPPLY

Watermaster provides data and water supply projections needed by local water purveyors to comply with state regulations requiring them to self-certify water supply reliability.

COORDINATING TO ASSIST A WATER-SHORT AREA

Watermaster coordinated with LACFCD and the San Gabriel Valley Protective Association to deliver 2,200 acre-feet of borrowed water to the San Gabriel River Water Committee to meet their water needs until the next rainy season arrives.

PARTICIPATING IN GROUNDWATER REPLENISHMENT COORDINATING GROUP

This group of nine organizations coordinates water delivery plans with available supplies, as well as the maintenance of replenishment facilities. Among the members, there are nearly a dozen projects under construction or in planning to improve replenishment throughout the San Gabriel River system.



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Image from the 3-D computer

model, a critical tool for under-

standing and managing the Basin.

MAIN SAN GABRIEL BASIN WATERMASTER

Developing Innovative New Water Supply Sources to Ensure Sustainability

Watermaster has initiated wide-ranging and unprecedented new programs to increase local groundwater storage, purchase and store more imported water, and increase conservation. These programs are helping to sustain the region through the ongoing drought, and are designed to replenish the Basin and ensure long-term water supply reliability.

DEVELOPING ALTERNATIVE WATER RESOURCES

PROGRESS ON REGIONAL RECYCLED WATER PROGRAM

The Metropolitan Water District (MWD) Regional Recycled Water Program. This important program, regionally known as the Carson Recycled Water Project, could deliver between 40,000 and 72,800 acre-feet of recycled water per year to the Main San Gabriel Basin.

Critical Water Supply Benefit. Modeling shows that if the Basin received the higher 72,800 acre-feet per year amount over the long run, the Key Well level could rise over 50 feet and stabilize at that level. In addition, the Basin could potentially be used to supply nearby basins.

Evaluating Recycled Water Options. Watermaster has been modeling Basin characteristics and determining how and where to most effectively spread and replenish the treated recycled water. Upper San Gabriel Valley Municipal Water District (USGVMWD) continues to develop its Indirect Reuse Replenishment Project (IRRP) and Watermaster has modeled its inclusion in the Carson Project, to ensure adequate capacity.

COLLABORATING TO INCREASE STORMWATER CAPTURE

Watermaster—along with a group of municipalities, LACFCD, and USGVMWD—has identified a number of projects that could increase stormwater capture by as much as 15,000 acre-feet per year.





PROVIDING INCENTIVES TO PRE-PURCHASE AND STORE WATER

RESOURCE DEVELOPMENT ASSESSMENT (RDA) INCREASED TO STORE MORE WATER

The ongoing drought continues to demonstrate the importance of the RDA. Even though there have been a few years of above-average rainfall during the past ten years, the ground has been so parched that it soaked up the rain and significantly reduced expected replenishment.

RDA Purchases and Stores Water for Emergencies. The RDA is a fund that was developed to purchase imported water and store it in the Basin for use in a potential emergency, such as a major earthquake that prevents deliveries of imported water.

RDA II Purchases and Stores Water for "Worst Case"

Drought Condition. The goal is to purchase as much imported water as possible to make up for the lack of natural stormwater replenishment.

The RDA II Will Reach Up to \$175 per Acre-Foot over Five

Years. The RDA II, currently set at \$70, will ultimately raise over \$30 million per year to purchase supplemental water to replenish the Basin.

Keeping the Key Well Above 180 Feet. The Key Well level is critical to Watermaster's management goals. Computer modeling of the Basin shows that if the Key Well level falls to the 165-foot range, many production wells may be adversely impacted. The goal is to keep the Key Well level above 180 feet, and ultimately back into the operating range, keeping Producers in the best position to pump the most economical water source.

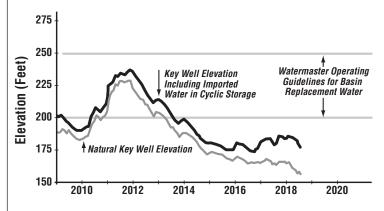
CYCLIC STORAGE IS AN INCREASINGLY IMPORTANT TOOL FOR MAINTAINING GROUNDWATER LEVELS

Incentives Expand Use of Cyclic Storage by Water

Producers. Watermaster provides an incentive for Producers to pre-purchase cyclic storage water at the current prevailing rate rather than at the higher Replacement Water Rate; saving Producers money and maintaining Basin levels.

Encourage Cyclic Storage by Responsible Agencies.

Together, the three imported water suppliers in the Basin, called Responsible Agencies, can store roughly 190,000 acrefeet of water in Cyclic Storage.



Cyclic Storage is imported water that is pre-purchased when available to meet future water needs, in anticipation of when imported water is unavailable or limited. Cyclic storage water is elevating groundwater levels and providing needed drought protection.

MAIN SAN GABRIEL BASIN WATERMASTER

Monitoring, Protecting, and Improving Water Quality

Following the discovery of industrial groundwater contamination in the 1980s, the courts granted Watermaster a new responsibility to protect and improve the quality of the groundwater supply throughout the Basin.

WATER CLEANUP AND CONTAMINATION REMOVAL

ENGAGED IN OPERABLE UNIT AND OTHER CLEANUP PROJECTS

Watermaster oversees and engages with Basin cleanup projects, and works to remove obstacles to the Basin clean-up projects, which include: Baldwin Park Operable Unit (BPOU), El Monte Operable Unit (EMOU), South El Monte Operable Unit (SEMOU), Whittier Narrows Operable Unit (WNOU), Puente Valley Operable Unit (PVOU), and other designated cleanup sites.

IMPLEMENTING THE BPOU AGREEMENT

This year, Watermaster continued to implement the BPOU Agreement, which was renewed for another ten years in 2017. Watermaster roles include providing a third-party review and evaluation of the cleanup process; providing accounting services; and technical and administrative coordination on subprojects, including committee meetings.

WATER QUALITY TESTING AND MONITORING

CONDUCTING EXTENSIVE WATER QUALITY TESTING

Using approximately 200 active wells, Watermaster carries out extensive Basin-wide testing to comply with state and federal regulatory requirements, and to look for and track emerging contaminants.

INSPECTING LANDFILLS

Watermaster conducts monthly inspections of landfills within the Basin to ensure they comply with regulations and do not impact water quality.

ENSURING NEW WELLS MEET REQUIREMENTS

Watermaster reviews every application to drill, destroy, or modify a well to ensure that it conforms to both water quality and water supply requirements in the Basin. Watermaster carried out seven of these "Section 28" reviews this year.

OTHER ACTIONS TO PROTECT AND IMPROVE WATER QUALITY

IMPLEMENTING SALT AND NUTRIENT MANAGEMENT PLAN (SNMP)

The SNMP evaluates a variety of existing and potential activities (e.g., current Basin management practices, recycled water projects) and provides the management tools needed to comply with water quality objectives. It is a critical tool that helps Watermaster evaluate the water quality impacts of potential recycled water projects such as the MWD Carson Project and USGVMWD's IRRP.

CARRIED OUT BASIN-WIDE WATER QUALITY TESTING

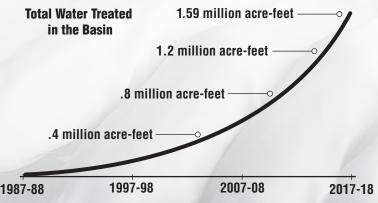
To lower costs through economies of scale and provide a consistent Basin-wide overview of water quality, Watermaster conducted testing for California's Title 22 drinking water requirements.

COMPLETED REGIONAL HEALTH GOAL REQUIREMENT

Every three years, Watermaster prepares Public Health Goal reviews for about a dozen water systems across the Basin to identify contaminants associated with human health risks, available water treatment technologies, and estimates of costs to bring contaminant levels down to Public Health Goal levels. All of the water systems met all state and federal requirements.

HELPING RESOLVE MUSSEL VELIGER CHALLENGES

The presence of invasive mussel veligers (larvae) in the East Branch of the State Water Project system impacted water imports to the Basin. Watermaster worked closely with both impacted and regulatory agencies to restore critical imported water deliveries and is developing a unified long-range management plan. Through this collaboration with MWD, San Gabriel Valley Municipal Water District, USGVMWD, Los Angeles County Department of Public Works, LACFCD, Central Basin Municipal Water District, Water Replenishment District, and the U.S. Department of Fish and Wildlife, the involved agencies successfully brought much-needed imported water into the Basin despite the detection of the mussel veligers.



Fiscal Year

The water community, with Watermaster's support, has treated 1.59 million acre-feet of previously contaminated groundwater, equivalent to about seven years of use in the region.

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MAIN SAN GABRIEL BASIN WATERMASTER 2017–18 ANNUAL REPORT

Engage Broadly in Stakeholder, Regulatory, and Legislative Arenas



Successfully managing water supply and quality requires Watermaster to inform legislators and regulators of needs and challenges, and maintain efficient management practices.

ENGAGING WITH LEGISLATION

PROTECTING WATER RIGHTS BY ENGAGING WITH MS4 PROCESS

In an effort to assist cities in complying with the very stringent MS4 requirements, Watermaster actively participates in stakeholder groups to provide education on how water rights in the Basin are applied. Because of our location within the watershed, virtually all stormwater flows are already captured and not available for new uses. We remain engaged and eager to participate in projects that provide a new water supply.

COMMENT ON LEGISLATION

Watermaster staff coordinated comments on AB 1668 and SB 606 and met with local leaders to educate them on Basin operations and how the legislation could be paired with proposed changes to the California Water Code to ensure this legislation does not negatively impact water reuse and other water supply issues.

EFFICIENTLY RESPONDING TO REGULATIONS

DEMONSTRATING EXCEPTIONAL GROUNDWATER MANAGEMENT THROUGH SGMA

The State's Sustainable Groundwater Management Act (SGMA) requires local agencies to ensure the sustainability of groundwater supplies. As a fully adjudicated and well-managed basin, the Basin is exempt from the law except for reporting requirements. However, Watermaster continues to do more than required by SGMA and aligns its management practices with the goals and spirit of SGMA.

Basin Recommended as a Low-Priority Basin. The State, recognizing the effectiveness of management and stability of the Basin, has notified Watermaster of its intent to reclassify the Basin as a Low-Priority Basin.

EFFICIENT ADMINISTRATIVE AND FINANCIAL MANAGEMENT

Watermaster continually seeks to refine its administration and operations for effectiveness and efficiency. Below are some examples of recent improvements.

ADMINISTRATIVE AND MANAGEMENT IMPROVEMENTS

- Expanded office security, important in a building that is shared with other tenants.
- Changed insurance provider to one offering additional services, including staff training, which will lower long-term costs and improve overall site safety and staff development.
- Expanded use of efficient, web-based programs for attendee registration, payment collection, and budget tracking for meetings and events.

SUCCESSION PLANNING

Several senior members of the Watermaster team are expected to retire in the coming years, and Watermaster is preparing succession plans for each of these critical positions.

ASSESSMENTS REMAIN TIGHTLY CONTROLLED

Administration Assessment Remains Unchanged.

The Administration Assessment was held unchanged at \$15 per acre-foot for the fifth consecutive year.

In-Lieu Assessment Remains Unchanged. The In-Lieu Assessment was also held steady at \$10 per acre-foot.

Water Resource Development Assessment Increased.

The RDA was increased from \$40 last year to \$70 per acre-foot this year, and is planned to increase again next year to \$105 per acre-foot on Fiscal Year 2018–19 production.

DEEPLY ENGAGE WITH THE COMMUNITY

Watermaster staff and board are deeply engaged in both the water community and the broader community locally, across the region, and around the state. This involves participating in, attending, planning, and facilitating a wide variety of events, such as presentations at city council meetings, water district board meetings, community outreach meetings, media interviews, and educational symposiums.

THANK YOU

We thank and appreciate Mr. Garry Hofer and Mr. Thomas Love for their service as Producer members of the Watermaster Board.



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APPENDIX A

SUMMARY OF WATERMASTER ACTIONS FISCAL YEAR 2018-2019

APPENDIX A

CHRONOLOGICAL SUMMARY OF WATERMASTER ACTIONS FISCAL YEAR 2017-18

Cyclic Storage

On August 2, 2017, Watermaster authorized the purchase of 2,000 acre-feet of cyclic storage water from Upper San Gabriel Valley Municipal Water District (USGVMWD) for Sunny Slope Water Company's individual producer cyclic storage account.

On September 6, 2017, Watermaster authorized the purchase of 3,500 acre-feet of cyclic storage water from Watermaster's pre-purchased USGVMWD storage for City of Arcadia's individual producer cyclic storage account.

On September 6, 2017, Watermaster authorized the purchase of 2,569.7 acre-feet of cyclic storage water from Watermaster's pre-purchased USGVMWD storage for the San Gabriel Valley Water Company's individual producer cyclic storage account.

On October 4, 2017, Watermaster authorized an additional five-year term for San Gabriel Valley Water Company's cyclic storage account.

On December 6, 2017, Watermaster authorized the purchase of 1,264.14 acre-feet of cyclic storage water from Three Valleys Municipal Water District (TVMWD) and 36.86 acre-feet of cyclic storage water from USGVMWD for producer cyclic storage from Watermaster's prepurchased cyclic storage account for City of Glendora's individual producer cyclic storage account.

On January 3, 2018, Watermaster authorized an additional five-year term to City of Industry Waterworks System's cyclic storage account.

On March 7, 2018, Watermaster authorized the purchase of 10,000 acre-feet of cyclic storage water from Watermaster's pre-purchased USGVMWD storage for the San Gabriel Valley Water Company's individual producer cyclic storage account.

On March 7, 2018, Watermaster authorized an additional five-year term to the City of South Pasadena's cyclic storage account.

On May 2, 2018, Watermaster authorized an additional five-year term to the City of Sierra Madre's cyclic storage account.

MWD Cyclic Purchase Agreement

On September 6, 2017, Watermaster authorized the Executive Officer to sign the Metropolitan Water District of Southern California (MWD) Cyclic Purchase Agreement to purchase 80,000 acre-feet of water from the State Water Project (SWP) system.

On September 6, 2017, Watermaster authorized a five-year extension to MWD's cyclic Storage Agreement (10th Amendment).

Three-Year Purchased Water Plan

On October 4, 2017, Watermaster received and filed the Three-year Purchased Water Plan as presented.

Audit Report

On October 4, 2017, Watermaster received and filed the audit report as presented by Clifton Larson Allen (CLA).

Cash Investment Policy

On October 4, 2017, Watermaster reaffirmed its Cash Investment Policy.

California Waterfix

On October 4, 2017, Watermaster authorized a letter and resolution for support for the California Waterfix.

Annual Report Completed

During October 2017, in accordance with Section 36 of the Judgment, Watermaster prepared the Annual Report and filed it with the Court and Parties by November 1, 2017.

Election of Producer Nominees for Watermaster for Calendar Year 2018

On November 1, 2017, Watermaster held its annual election of Producer nominees. Producers elected Dan Arrighi, Ron Bow, James Byerrum, David DeJesus, David Michalko and Tim Miller. USGVMWD submitted the names of Dr. Anthony Fellow and Charles Trevino. San Gabriel Valley Municipal Water District (SGVMWD) submitted the name of Thomas Love. The Court subsequently approved these nominations.

On March 7, 2018, Watermaster approved the certification of appointment of Mr. Thomas Wong by SGVMWD for the remainder of calendar year 2018, to replace Mr. Love upon his resignation to its Board. The Court subsequently approved the nomination.

Resource Development Assessment (RDA)

On November 1, 2017, the Executive Officer reported that in fiscal year 2016-17 Watermaster collected funds from the RDA, for a total of \$7,769,485. Watermaster authorized the Executive Officer to make the appropriate purchases for reliability storage water supply.

On December 6, 2017, Watermaster authorized the Executive Officer to make the appropriate purchases for reliability storage water using Water Resource Development Assessment. The estimated requirement for delivery during fiscal year 2017-18 from USGVMWD is 9,236 acre-feet; from TVMWD is 670 acre-feet; and from San Gabriel Valley Municipal Water District (SGVMWD) is 1,492 acre-feet for a total RDA delivery of 11,398 acrefeet.

Resolution of Appreciation

On December 6, 2017, Watermaster adopted Resolution No. 12-17-289, commemorating the service performed by Garry Hofer as a Producer Member of the Watermaster Board.

On April 4, 2018, Watermaster adopted Resolution No. 04-18-290, commemorating the service performed by Thomas Love as a Board Member and Public Representative of Watermaster.

Replacement Water

On November 1, 2017, Watermaster authorized the purchase of 7,649.74 acre-feet of Replacement Water from the appropriate Responsible Agencies for overproduction from the Basin during Fiscal Year 2016-17.

Election of Watermaster Officers

On January 3, 2018, Watermaster held the annual election of officers. James Byerrum was elected as Chair, David Michalko as Vice-Chair, Dan Arrighi as Secretary, and Ron Bow as Treasurer.

Five-Year Plan

Following a public hearing on January 3, 2018, Watermaster adopted the draft Five-Year Water Quality and Supply Plan (Five-Year Plan), which was received by Watermaster on November 1, 2017.

Watermaster Committee Assignments

On February 7, 2018, Watermaster adopted recommendations for 2018 Watermaster Committee Assignments and representatives to outside organizations as presented. (Table 1)

Administration Budget

On April 4, 2018, Watermaster received and filed the Preliminary Draft Administration Budget for FY 2018-19 and Assessments for FY 2017-18 production.

Operating Safe Yield

On May 2, 2018, Watermaster conducted a public hearing and approved Resolution No. 05-18-291 establishing the Operating Safe Yield at 150,000 acre-feet for Fiscal Year 2018-19, 130,000 acre-feet for Fiscal Year 2019-20, 130,000 acre-feet for Fiscal Year 2020-21, 130,000 acre-feet for Fiscal Year 2021-22 and 130,000 acre-feet for fiscal year 2022-23.

Contract Renewal

On May 2, 2018, Watermaster approved a one-year contract extension of the existing Title 22 Laboratory Contract with Weck Laboratories.

Watermaster Assessments and Administration Budget

On May 2, 2018, Watermaster approved Resolution No. 05-18-292, thereby adopting the Administration Budget for Fiscal Year 2018-19 in the amount of \$4,449,374. The Administration Assessment was set at \$15.00 per acre-foot, the In-Lieu Assessment was set at \$10.00 per acre-foot, and the Water Resource Development Assessment was set at \$70.00 per acre-foot on Fiscal Year 2017-18 Production and \$105 per acre-foot on Fiscal Year 2018-19 Production. The Replacement Water Assessment for Fiscal Year 2017-18 and Fiscal Year 2018-19 was set at \$185.00 and \$200.00 per acre-foot, respectively, for excess production within SGVMWD; at \$795.00 and \$831.00 per acre-foot, respectively, for excess production within TVMWD; at \$898.00 and \$934.00 per acre-foot, respectively, for excess production within USGVMWD.

Governmental Executive Retirement Plan

On June 6, 2018, Watermaster adopted Resolution No. 06-18-293 approving and adopting the Governmental Executive Retirement Plan.

Watermaster Presentations

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

PRESENTED:

Congresswoman Grace Napolitano's Water Forum.

Asian Media Outreach day organized by the SGVMWD (June 2018).

"State of the Basin" report to the SGVMWD and TVMWD, at their respective Board Meetings.

ORGANIZED/HOSTED/FACILITATED:

Facilitated a Status conference with Presiding Judge, the Honorable Maureen Duffy-Lewis on March 5, 2018.

2018 Association of Ground Water Agencies / American Ground Water Trust Conference.

Association of Ground Water Agencies/American Ground Water Trust Annual Conference in Ontario.

PARTICIPATED IN/ATTENDED:

SGVWA Quarterly Meeting.

Roundtable discussion at UCLA on the topic of small system challenges and Disadvantaged Communities in California.

Association of California Water Agencies (ACWA) Spring Conference.

Tour of Skinner Treatment Plan and Diamond Valley Lake with students from Citrus College.

San Gabriel Valley Water Forum.

Filming of public outreach segments promoting awareness and conservation with Jack Zhao, from EDI Media, in collaboration with WQA.

USGVMWD's Water 101.

Los Angeles County's Safe, Clean Water Stakeholder Sub-Committees (Feb, April, May 2018).

Los Angeles County's Safe, Clean Water Program, Stakeholder Advisory Committee Meeting.

MWD Delta Tour on the invitation of Director Trevino and the Upper District.

meeting with Congresswoman Grace Napolitano and her Legislative Director, Mr. Joe Sheehy, regarding Watermaster interest in the Water Infrastructure for Improvement to the Nation Act, and to get a firsthand understanding of Watermaster's RDA program.

Tour of the San Gabriel Valley with a central valley agriculture delegation with Assembly member Blanca Rubio.

Biz Fed's "Water Policy Mixer for the Freshman Class" in Hollywood.

San Gabriel Valley Economic Partnership meeting that featured federal updates from Congresswomen, Grace Napolitano and Judy Chu.

CGC/GRA Legislative Symposium on March 20-21, 2018.

ATTENDED REGULAR MEETINGS THROUGHOUT THE FISCAL YEAR:

- San Gabriel Valley Water Association.
- Central Basin Water Association.
- San Gabriel Valley Protective Association.
- Association of Ground Water Agencies/California Groundwater Coalition.
- Greater Los Angeles County Integrated Regional Water Managemen.t
- San Gabriel Valley Council of Governments meetings (monthly) including the Water Committee and Energy, Environment and Natural Resources Committee.
- San Gabriel Valley Municipal Water District.
- Public Water Agencies Group.
- Groundwater Replenishment Coordinating Group.
- West Fork Working Group.
- LA County Safe Clean Water LA Program Stakeholder Advisory Committee.
- o ACWA Region 8 Nominating Committee.
- Raymond Basin Management Board.

TABLE 1

Watermaster 2018 Committee Assignments and Representation to Other Organizations

Administrative Comm (3 rd Wednesday @ 1: Staff: Zampiello, Gardne	30 p.m.)	Basin Water Management Committee (2 nd Wednesday @ 1:30 p.m.) Staff: Zampiello, Gardner			
D. Arrighi (CH)	J. Prior (A)	D. Michalko (CH)	T. Miller		
J. Byerrum	G. Galindo (A)	D. Arrighi	B. Lewis (A)		
D. De Jesus	T. Tait (A)	D. De Jesus	M. Na (A) ´		
D. Michalko	B. Lewis (A)	A. Fellow	S. Patton (A)		
	L. Noriega (A)		J. Prior (A)		
	R. Rich (A)		H. Nguyen (A)		
	M. Lake (A)		T. Tait (A)		
	P. Scanlon (Notice)		G. Galindo (A)		
	T. Miller (Notice)		L. Noriega (A)		
	C. Trevino (Notice)		T. Cherry (A)		
	C. Gott (Notice)				
	T. Cherry (Notice)				
	P. DiMaggio (Notice)				
	D. Muse (Notice)	Also invited:			
		M. Holmes	R. Hansen		
Finance Committee		R. Tock	D. Kasamoto		
(meet @ call of Chair		T. Coleman	K. Manning		
Staff: Zampiello, Gardne		C. Gott	R. Bow		
R. Bow (CH)	G. Galindo (A)	C. Venegas	P. Zampiello		
D. Arrighi	M. Lake (A)	B. Diprimio	G. Hofer		
C. Trevino J. Prior (A)		T. Love	R. Rich		
D. Michalko	L. Noriega (A)	R. Schollerman	F. Heldman		
	T. Miller (Notice)	C. Hicks	C. Trevino		
	C. Gott (Notice)	R. Bowcock	J. Martinez		
		J. Macias	M. Lake		
		A. Tesfaye	D. Shickling		
			B. Gallardo		
ACWA – Region 8			Br. Bowcock		
Representative – T. Za		<u>AGWA</u>			
Alternate – K. Gardner	•	Representative – T. Zampiello			
		D. Arrighi			

San Gabriel Valley Water Association

Representative – D. Michalko

ACWA - JPIA

Representative – D. Arrighi Alternate – T. Zampiello

WQA Committee Representatives

Engineering Committee – B. Lewis
Admin./Finance Committee – D. Michalko
WQA Legislative/Public Information Committee –
D. Arrighi

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

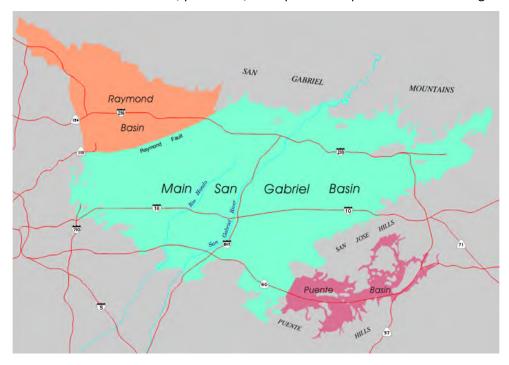
APPENDIX B MAIN SAN GABRIEL BASIN OVERVIEW

Introduction

The Main San Gabriel Basin is geographically situated in the southeasterly portion of Los Angeles County. It is 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. 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..."

Over the ensuing 45 years, Watermaster has been responsible for all aspects of Main San Gabriel Basin management including delivery of over 1,800,000 acre-feet of untreated imported water for groundwater replenishment.

Watermaster coordinates with other agencies to capture and infiltrate a significant amount of stormwater runoff from the San Gabriel River Watershed. Since the mid-1980's, Watermaster has coordinated with regulatory agencies to have groundwater remediation facilities constructed, permitted, and operated to protect and enhance groundwater supplies.



Overview

County: Los Angeles (southeasterly portion)

<u>Area:</u> 107,000 acres/167 square miles <u>Population:</u> 1,275,187 (2010 Census)

CASGEM RANK: Not Ranked (Pursuant to document entitled "2018 SGMA Basin Prioritization Process and Results")

Watermaster: Main San Gabriel Watermaster

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

<u>Court Case:</u> 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)

Description:

The Main San Gabriel Basin occupies most of San Gabriel Valley. It encompasses about 107,000 acres, and storage is 8.6 million acre-feet when the groundwater elevation at the Baldwin Park Key Well is 316 feet. In general, one foot of groundwater elevation change is equivalent to about 8,000 acre-feet in storage. The hydrogeologic San Gabriel groundwater basin is divided between three sub-basins: Main Basin, Puente Basin and portions of Six Basins area. 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. 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 tributary to the Main San Gabriel Basin. The Six Basins area is located in the northeast and a portion is tributary to the Main Basin. They are each adjudicated and managed separately. The aquifers are located inland (saltwater intrusion is not a risk) and are unconfined. In the San Gabriel Valley, average precipitation over the past 100 years is approximately 18.5 inches.

The major sources of natural recharge to 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 hydrologeologically and institutionally with adjoining basins, including Puente, Central, and West Coast Basins. In the mid-1800s, agriculture and ranching were the primary economy in the basin. The Main San Gabriel Basin's current land use is primarily urban. Production over the past ten years (including both groundwater and treated local surface water) has averaged about 223,000 acre-feet between 2008-09 and 2017-18, but was about 209,500 acre-feet during fiscal year 2018-17. Most pumping is done by municipal water purveyors, although there is a lesser amount of production by rock and gravel companies. Most communities depend almost entirely on Main San Gabriel Basin groundwater for their water supply, with in-direct access to untreated imported water to replenish the groundwater basin.

Need for Adjudication

Beginning in the 1940s, the San Gabriel Valley experienced a period of rapid urbanization as well as a decrease in recharged wastewater (due to an increase in sewage exports). This led to an 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

the Main San Gabriel Basin water users to guarantee a defined and calculated annual amount water to downstream basins. For several years, the Upper San Gabriel Valley Municipal Water District administered and took responsibility for the Main San Gabriel Basin's obligations to these lower groundwater basin water users. In 1968, the Main San Gabriel Basin municipal water producers, requested the Upper San Gabriel Valley Municipal Water District file a complaint to adjudicate water rights in the Main San Gabriel Basin and bring Main San Gabriel Basin producers under control of one governing body. This complaint, initiated by municipal users and filed by a 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 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 the Watermaster's role. Both groundwater and surface water rights in the Main San Gabriel Basin were adjudicated under five classes of water rights: 1) groundwater rights, based on mutual prescription (see Raymond Basin) and comprised about 95 percent of annual water rights for direct use, and with each pumper's share a percentage of the total adjudicated rights; 2) base annual diversion rights, surface rights held by parties not owning groundwater (prescriptive) pumping rights; 3) integrated production rights, Producers with combined surface and groundwater rights, which allows for greater diversions in wet years, thereby using less groundwater and then carrying over unused prescriptive rights to the following year; 4) Special rights, allocated to MWD for its dam and reservoir, and to LA County Flood Control District for its reservoir; and, 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 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 is being used to generate revenue to purchase untreated imported water to

supplement the lack of stormwater replenishment due to the 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

The Main San Gabriel Watermaster is a nine person board, appointed by Los Angeles County Superior Court, who 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, and their membership includes Watermaster board members and may also include advisory committee members who are not Watermaster board members. The Watermaster has a staff and engages consultants for special projects.

The 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 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. San Gabriel Basin Water Quality Authority obtains some funding for the Main San Gabriel Basin's clean-up activities. The San Gabriel River Watermaster calculates credits and debits between Main San Gabriel Basin and Central Basin.

Management Strategies

The Main San Gabriel Basin demand consists of about 85 percent from local groundwater, 10 percent from treated imported water and 5 percent from other local supplies (recycled water and local surface water diversions). In addition, an average of about 40,000 acre-feet per year of untreated imported water is delivered for Main San Gabriel Basin replenishment. During fiscal year 2016-17, Watermaster implemented the RDA II program to deliver untreated imported water to the Main San Gabriel Basin to supplement stormwater runoff replenishment. The RDA II program delivered about 11,000 acre-feet to the Main San Gabriel Basin during fiscal year 2017-18 and, when fully implemented in fiscal year 2021-22, will deliver about 40,000 acre-feet per year to the Main San Gabriel Basin.

There are about 17 spreading basins in Main San Gabriel Basin, covering more than 1,100 acres, operated by LACDPW or other agencies, and capable of capturing storm-water runoff from adjacent canyons and/or imported water. The typical Main San Gabriel Basin operating range for water levels is between 200 and 250 feet MSL (above mean sea level). The spreading capacity of existing facilities is more than 600,000 acre-feet per year.

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

Watermaster, municipal water districts and Producers have various cyclic storage agreements, where 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, and sells to Three Valleys Municipal Water District and Upper San Gabriel Valley Municipal Water District.

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 Basinwide Groundwater Elevation Monitoring Program (BGWEMP) is a network of wells in the Main San Gabriel Basin that are regularly measured by the Watermaster on a permanent basis. The program is designed to facilitate coordination of existing water-level monitoring done by agencies. In addition, each adjudicated party is obligated to file with the Watermaster a quarterly report showing the total pumping and diversion amounts.

Safe Yield

Groundwater storage capacity was determined by the Department of Water Resources 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. Watermaster annually determines the Operating Safe Yield (OSY) as that 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 levels, and groundwater levels. In 2005-06 the OSY was 240,000 acre-feet, and in 2017-18 the OSY was 150,000 acre-feet. Producers may pump in excess of annual pumping right but must pay for supplemental imported water to replenish the basin. Any entity that wishes to spread or store supplemental water within the basin for later recovery must have a cyclic storage agreement with the Watermaster. These agreements have five-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 had been regarded as being in overdraft since 1953, which prompted the Main Basin adjudication. Since

establishment of the Main 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, the 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 and was 294 feet. In 2016 the groundwater elevation at the well was 172 feet, which represents a historic low. Watermaster established the OSY for 2017-18 of 150,000 acre-feet, while the annual pumping production in 2017-18 was approximately 197,500 acre-feet. Consequently, the Replacement Water obligation including withdrawal from producer cyclic storage, was about 39,900 acre-feet.

Water Quality Issues

Four areas of the San Gabriel Valley Groundwater Basin are Superfund Sites. Trichloroethylene, Perchloroethylene, and Carbon Tetrachloride contaminate Whittier Narrows, Puente Basin, Baldwin Park and El Monte areas. A current project of 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 millions towards research, cost recovery, and treatment plant construction. Those facilities have operated for over 15 years and continue to operate.

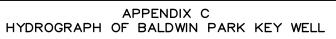
Drought

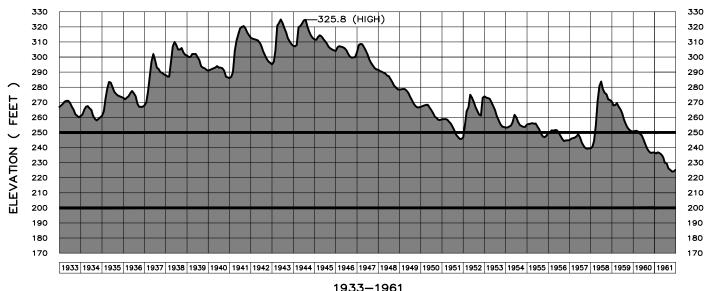
Watermaster has taken a number of initiatives to address water shortages. These include establishing a reliable storage program with a target reserve of 100,000 acre-feet of untreated imported water (RDA I), implementing a stormwater augmentation program with a target delivery of 40,000 acre-feet per year of untreated imported water for general Basin benefit (RDA II), implementing a new assessment to pay for these two programs, looking into imported Colorado River water for additional supply, and expanding retail conservation outreach efforts.

Adjudication Effectiveness

Management efforts are being made to ramp down pumping and 2017-18 groundwater production was approximately 197,500 acre-feet. This was higher than the OSY for 2017-18 at 150,000 acre-feet. After considering the use of carry-over rights for some of the production about 39,900 acre-feet will need to be delivered as untreated imported water. The groundwater level in the Baldwin Park Key Well is used by the 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 20 years from a high in 1983 to a low in 2016. In 2016 the groundwater elevation at the well was 172 feet, which represents a historic low. This indicates that groundwater elevations were not being sustained as a result of the recent long-term drought. While production in excess of water rights triggers a requirement to purchase imported water when available, future long-term droughts and reduced imported water supplies could hinder this management strategy. Consequently, Watermaster has implemented the RDA II program to adaptively manage the Basin. Overall, the management structure has been effective in its ability to work collaboratively with overlapping agencies and basins (e.g., through the Long Beach Judgment and through joining regional and statewide drought and water supply programs).

APPENDIX C HYDROGRAPH OF BALDWIN PARK KEY WELL





ELEVATION

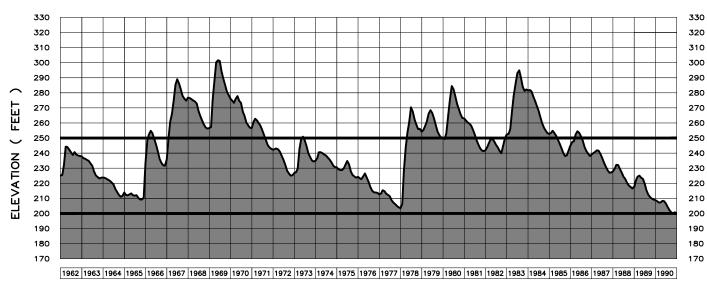
EVATION

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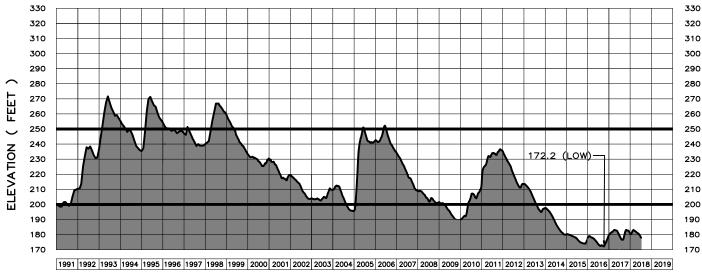
E

ELEVATION

1933-1961



1962-1990



1991-2019

NOTE: GROUND SURFACE ELEVATION 386.7 FEET HISTORIC RECORDED HIGH 329.1 FEET MAY 19, 1916 HISTORIC RECORDED LOW 172.2 FEET SEPTEMBER 30, 2016

C1 of 2

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APPENDIX D PUENTE NARROWS WATERMASTER REPORT

D

April 16, 2018

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

RE: Puente Narrows Underflow, Fiscal Year 2017-18

Ladies and Gentlemen:

Pursuant to the Judgment in <u>Upper San Gabriel Valley Municipal Water District v. City of Alhambra, et al.</u> 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 2017-18. 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 2017 were collected on October 5, 2017 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 2018 were collected on April 5, 2018 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 2017 and Spring 2018 static water levels at the key wells, the subsurface flow was determined to be 995 acre-feet for fiscal year 2017-18, as shown on Table 1.

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

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

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

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

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

Respectfully Submitted,

PUENTE NARROWS WATERMASTER

Stephen B. Johnson

Watermaster for Upper District

Terry Kerger

Watermaster for Puente Agency

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

TABLE 1

DETERMINATION OF PUENTE NARROWS UNDERFLOW

								AVERAGE	
		REFERENCE POINT	DISTANCE	ELEVATION OF WATER	ELEVATION DIFFERENCE OF WATER IN WATER	DISTANCE BETWEEN		WATER LEVEL	UNDERFLOW
	DATE OF	ELEVATIONS TO WATER	TO WATER	TABLE	LEVELS	WELLS	HYDRAULIC	ELEVATION	2017-18
WELL	MEASUREMENT	(FEET)	(FEET)	(FEET)	(FEET)	(FEET)	GRADIENT	(FEET)	(ACRE-FEET)
FALL 2017									
2S/10W-9Q1	10/5/2017	371	30.7	340.3					
2S/10W-8E3	10/5/2017	327	49.1	277.9	62.4	7,700	0.00810	309.1	;
SPRING 2018									
2S/10W-9Q1	4/5/2018	371	38.6	332.4					
2S/10W-8E3	4/5/2018	327	50.7	276.3	56.1	7,700	0.00729	304.4	ŀ
						TOTAL:	0.01539	613.5	
						AVERAGE:	0.00770	306.8	995 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)

	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
Fiscal Year	Accumulated Base Underflow In Acre-feet (580 AF/Yr)	Subsurface Flow In Acre-feet Annual	Accumulated	Deficiency By Reason Of Interference With Surface Flow, In Acre-feet	Offsetting Credit For Make-up Payments In Acre-feet	(3-4-5) Total Accumulated Subsurface Flow	(6-1) Accumulated Credit(+) or Debit(-) of Puente Agency	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	

TABLE 3

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

(5)

(6)

(7)

4,880

+12,921

+17,801

(8)

(9)

(4)

(1)

2016-17

(2)

99

(3)

(7 + 8)(1-2-3-4-5) Accumulated Accumulated Adjusted Groundwater Less: Annual Credit(+) or Accumulated Annual **Deliveries To** Discharge Unusable Cleanup Cleanup Debit(-) of Credit(+) or Extraction Evaporation Outflow Fiscal For Cleanup **Rowland Water** To Sanitary Extraction Extraction **Puente Agency** Debit(-) of Year Purposes District Sewer Losses To Ocean Credit Credit (from Table 2) **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 +1,963 1981-82 --------+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 0 264 __ 2 258 1989-90 4 329 +4.161 +4.490 1990-91 441 0 8 9 424 753 +4,486 +5,239 20 +5,943 1991-92 386 __ 0 7 359 +4 831 1.112 1992-93 389 --0 7 56 326 1,438 +5,141 +6,579 0 456 --5 6 445 1993-94 1,883 +5,406 +7,289 1994-95 288 --0 4 42 242 2,125 +5,686 +7,811 1995-96 317 __ n 5 11 301 2 4 2 6 +5 916 +8 342 455 0 9 24 422 2,848 1996-97 +6,156 +9,004 --0 48 +9,385 1997-98 172 3 121 2,969 +6,416 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 +7,356 4 194 +11.550 2002-03 157 0 3 19 135 +12,045 4,329 +7,716 2003-04 156 --0 26 129 4.458 +8.096 +12.554 1 2004-05 137 0 2 51 84 4,542 +8,476 +13,018 0 2005-06 143 --7 135 +8.756 +13.433 1 4.677 2006-07 123 0 0 122 4,799 +9,126 +13,925 2 2007-08 84 0 1 81 4 880 +9 486 +14 366 2008-09 59 59 0 0 0 0 4,880 +9,866 +14,746 0 0 0 2009-10 48 48 0 4,880 +10,231 +15,111 2010-11 78 78 0 0 0 0 4,880 +10,636 +15,516 241 241 0 0 2011-12 0 0 4.880 +10.946 +15.826 2012-13 77 14 0 0 0 4,880 +11,296 +16,176 63 0 n 110 Ω 0 2013-14 110 4 880 +11.701 +16.581 2014-15 69 69 0 0 0 0 4,880 +12,101 +16,981 2015-16 60 7 0 0 4.880 +17.411 53 0 +12,531

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

Note: Fiscal year 2017-18 adjustment to subsurface flow was not made due to incomplete data. The adjustment will be included in the Spring 2019 measurements.

0

0

0

ANNUAL IMPORTED WATER DELIVERIES AND CYCLIC STORAGE

E

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

		Impo	rted Water Deli	veries to Basin	1/
	End of Year				
Fiscal	Basin Cyclic				
Year	Storage	USGVMWD	SGVMWD	TVMWD	Total
1963-64		40,000,00		464.90	464.90
1964-65	 	10,000.00 15,000.00		1,371.20 1,244.60	11,371.20 16,244.60
1965-66 1966-67	 	20,000.00		803.00	20,803.00
1967-68		30,000.00		251.80	30,251.80
1968-69		20,700.70		625.80	21,326.50
1969-70		326.70		366.30	693.00
1970-71		205.10		481.80	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 1978-79	7,451.89 9,003.85	19,656.70 2/ 29,600.10 2/	5,586.00 6,968.00	6,732.50 6,123.60	31,975.20 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 1991-92	47,439.62 36,536.60	57,035.20 44,945.60	10,508.00 8,903.00	16,531.80 33,061.40	84,075.00 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 2003-04	93,657.23 125,205.60	54,237.92 75,443.70	20,095.00 18,632.00	23,086.10 25,004.30	97,419.02
2003-04	84,096.46	18,639.50	12,462.00	21,101.20	119,080.00 52,202.70
2004-03	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 2016-17	57,510.45	21,863.10	9,186.00	13,539.60	44,588.70
2016-17	117,594.17 3/ 154,158.08 4/	43,696.20 60,986.90	23,397.00 21,415.00	21,937.50 15,374.20	89,030.70 97,776.10
2011-10	104, 100.00 4/	00,000.00	21,710.00	10,014.20	31,110.10
TOTALS		1,656,826.59	473,666.00	624,559.41	2,755,052.00

^{1/} Sum of Replenishment Water, Replacement Water Surface Delivery, USG-5 Exchange Replacement Direct Deliveries, M & I Water, Cyclic Storage Account Deliveries on pages D-2, D-3 and D-4, plus Deliveries to Cyclic Storage on Page 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 12,580.36 acre-feet of Puente Basin Water Agency stored water.

Note: The minimum and maximum values are bolded.

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

				Impor	ted Water De	liveries			
Fiscal Year	Replenishment	Replacement Water	USG-5 1/ Exchange Replacement	Direct Deliveries M & I Water	Cyclic Storage	Producer Cyclic Storage	Watermaster Pre-Purchases Deliveries	Water Resource Development Deliveries	Total
1963-64									
1964-65									10,000.00
1965-66	,								15,000.00
1966-67	20.000.00								20.000.00
1967-68	.,	-				-		-	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				217.40					3,132.90
1972-73	,			228.60					7,316.20
1973-74				183.90					9,019.30
1974-75		13,731.90		255.40					34,219.10
1975-76		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 1978-79		14,962.50 2/ 24,000.00 2/	2,981.70 3,486.10	1,712.50 3/ 2,114.00	0.00 0.00				19,656.70 29,600.10
1979-80		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		40,824.70	2.853.70	3.971.70	0.00				47.650.10
1982-83		22,934.40	2,256.30	5,026.60	3,189.30				33,406.60
1983-84		0.00	1,907.10	6,369.80	3,246.70	0.00			11,523.60
1984-85		0.00	2,395.50	7,629.70	0.00	0.00			10,025.20
1985-86		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		7,491.90	2,214.00	8,407.90	23,525.90	3,305.90			44,945.60
1992-93		16,077.97	2,478.10 4/	6,991.10	10,214.60	18,916.73			54,678.50
1993-94		0.00	3,214.00 6/	4,421.10	0.00	23,050.80			30,685.90
1994-95		0.00	3,178.10	4,218.70	6,177.10	0.00			13,573.90
1995-96		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		21,409.60	3,392.70	4,011.40	24,870.20	0.00			53,683.90
1998-99		0.00	3,353.40	3,777.80	0.00	0.00			7,131.20
1999-00		13,645.60	3,508.30	7,642.80	24,416.20	0.00			49,212.90
2000-01 2001-02	0.00 0.00	10,412.80 25,232.27	3,285.30 3,438.90	5,784.90 14,907.20	14,624.30 1,944.90	0.00 0.00			34,107.30 45,523.27
2001-02		33,551.42	3,018.30	17,668.20	0.00	0.00			54,237.92
2002-03	0.00	14,166.20	3,058.30	24,616.20	33,603.00	0.00			75,443.70
2003-04		5,744.20	2,998.00	9,897.30	0.00	0.00			18,639.50
2005-06		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	3,027.20	13,930.70	5,724.40	0.00			22,682.30
2008-09		0.00	3,064.90	5,468.00	0.00	0.00			8,532.90
2009-10		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		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	2,711.70	6,357.70	4,031.54	29,809.36	5,000.00		47,910.30
2015-16		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	44,311.10	3,236.00	0.00	9,236.00	60,986.90
TOTALS	135,719.70	537,837.76	122,455.50	266,439.50	360,970.54	206,797.89	7,034.70	19,571.00	1,656,826.59

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

			Cyclic Stor	rage Account		
	Transfer To	Transfer	Transfer To Producer	Transfer To	Net To	Cyclic Storage
Fiscal	Replacement	from	Cyclic	Watermaster	Cyclic	At End
Year	Water	SGVMWD	Storage	Pre-Purchases	Storage	Of Year
1963-64						
1964-65						
1965-66						
1966-67						
1967-68 1968-69						
1966-69						
1970-71						
1971-72						
1972-73	-	-			-	
1973-74						
1974-75						
1975-76	0.00				12,621.10	12,621.10
1976-77 1977-78	0.00 12,673.50				52.40 -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		0.00	4,862.40
1985-86 1986-87	0.00 5,645.80		0.00		47,405.40 18,345.30	52,267.80 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	
1993-94 1994-95	3,760.42 0.00		321.58 0.00		-4,082.00 6.177.10	8,564.10 14,741.20
1994-95	0.00		0.00		6,177.10 85.20	14,741.20
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 2003-04	0.00		0.00		0.00 13,603.00	64,462.00
2003-04	33,312.30		0.00		-33,312.30	78,065.00 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 2013-14	0.00	5,000.00 7/	0.00	0.00 0.00	0.00 5,000.00	0.00 5,000.00
2013-14	0.00	0.00	4,000.00 8/	0.00	31.54	5,000.00
2015-16	0.00	5,000.00 7/	1,100.00	4,500.00	2,507.00	7,538.54
2016-17	0.00	5,000.00 7/	5,313.40	0.00	-313.40	7,225.14
2017-18	0.00	5,000.00	536.90	6,764.00	42,010.20	49,235.34
TOTALS	231,728.72	15,000.00	103,205.58	11,264.00	7,225.14	

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

^{8/} Includes reduction of 1,000 acre-feet which was delivered to Canyon Basin on behalf of Three Valleys District.

Note: The minimum and maximum values are bolded.

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

	1		lm	ported Wate	er Deliveries				
Fiscal Year	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	Total
1974-75		787.10			44.90				832.00
1974-75		1,302.90			6,972.10	-			8,275.00
1975-76		3,814.95	992.93		2,722.12				7,530.00
1970-77		4,470.85			0.00				5,586.00
			1,115.15						
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		7,530.35 1	0.00		761.00	23,397.00
2017-18		4,649.74	1,117.22		14,156.04 1	0.00		1,492.00	21,415.00
TOTALS		246,881.09	43,312.80		180,317.11	0.00	0.00	3,155.00	473,666.00

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

			Cyclic Storage	Account		
			Transfer To	Transfer To		Cyclic
	Transfer To	Transfer to	USG-5 Exchange	Producer	Net To	Storage
Fiscal	Replacement	MWD/Upper	Replacement	Cyclic	Cyclic	At End
Year	Water	District	Water	Storage	Storage	Of Year
			•			
1974-75	0.00		0.00		44.90	44.90
1975-76	0.00		0.00		6,972.10	7,017.00
1976-77	0.00		0.00		2,722.12	9,739.12
1977-78	2,287.23		0.00		-2,287.23	7,451.89
1978-79	0.00	-	0.00	-	1,551.96	9,003.85
1979-80	2,803.98		129.42		-2,933.40	6,070.45
1980-81	190.24		1,170.88		-1,361.12	4,709.33
1981-82	0.00		0.00		648.88	5,358.21
1982-83	0.00		0.00		1,377.13	6,735.34
1983-84	1,036.93		634.25		-1,671.18	5,064.16
1984-85	0.00		829.91		-829.91	4,234.25
1985-86	3,886.23		0.00		-3,886.23	348.02
1986-87	0.00		0.00		7,300.32	7,648.34
1987-88	0.00		0.00		660.90	8,309.24
1988-89	3,844.04		0.00		-3,844.04	4,465.20
1989-90	0.00		0.00		2,825.55	7,290.75
1990-91	3,298.53		0.00		-3,298.53	3,992.22
1991-92	2,400.42		0.00		-2,400.42	1,591.80
1992-93	0.00		0.00		1,064.80	2,656.60
1993-94	0.00		0.00		5,419.06	8,075.66
1994-95	0.00		0.00		3,557.90	11,633.56
1995-96	0.00		0.00		3,432.36	15,065.92
1996-97	0.00		0.00	 700 00	1,698.17	16,764.09
1997-98 1998-99	0.00		0.00	5,700.00 3,200.00	-5,376.45 -578.80	11,387.64
1998-99	0.00		0.00	,	4,805.90	10,808.84
2000-01	3,237.77		0.00	3,800.00 3,800.00	-7,037.77	15,614.74 8,576.97
2000-01	0.00		0.00	7,100.00	-5,927.30	2,649.67
2001-02	0.00		0.00	8,300.00	6,727.77	9,377.44
2002-03	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		-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	0.00	0.00	2,530.35	7,842.39
2017-18	0.00	5,000.00	0.00	0.00	9,156.04	16,998.43
TOTALS	31,333.04	20,000.00	2,764.46	109,221.18	16,998.43	

^{1/} Total delivered to CIC through SGD Pipeline, which TVD delivered an equal amount through PM-26 in exchange during FY 16-17 and FY 17-18 was 1,522 acre-feet.

Note: The minimum and maximum values are bolded.

^{2/} Includes transfer of 961.8 acre-feet from Sierra Madre's Cyclic Storage Account to San Gabriel District's Cyclic Storage Account

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

				Imported	Imported Water Deliveries	eries					Cyclic	Cyclic Storage Account		
			2 001	Direct				Water			Transfer To			Cyclic
Fiscal Year	Replenishment	Replacement	USG-5 Exchange Replacement	Deliveries M & I Water	Cyclic Storage	Producer Cyclic Storage	watermaster Pre-Purchases Deliveries	Resource Development Deliveries	Total	ranster 10 Replacement Water	Producer Cyclic Storage	Iranster 10 Watermaster Pre-Purchases	Net 10 Cyclic Storage	Storage At End Of Year
1963-64	,	;	,	464.90	;	,	;		464.90	:	,	1	;	,
1964-65	1	;	ı	1,371.20	;	1	;	;	1,371.20	;	1	;	;	;
1965-66	ı	ı	ı	1,244.60	:	ı		1	1,244.60	;	ı	1	1	1
1967-68		: 1		803.00 251.80	: :		: :	: :	251.80	: :		: :	: :	: :
1968-69			,	625.80		,	:	:	625.80	;		;	;	:
1969-70	1	1	1	366.30	;	1	;	;	366.30	;	1	;	;	1
1970-71	ı	ı	ı	481.80	;	ı	1	1	481.80	1	ı	1	1	;
1971-72				248.10	:	ı	:		248.10	:		:	:	:
1972-73	-	-	,	717.90	:	1	:	:	717.90			;	:	;
1973-74	ı	ı	ı	445.60	:	ı	:	1	445.60	;	ı	:	;	1
19/4-/5	ı	ı	ı	7 342 30	1	ı	1	1	780.60	1	ı		1	1
1976-77				6 139 90	: :		: :	: :	6.139.90	: :		: :	: :	: :
1977-78	1	1	1	6.732.50	:	1	:	:	6.732.50	:	1	:	:	;
1978-79		1	,	6,123.60	:	,	;	:	6,123.60	,		;	;	:
1979-80	1	ı	ı	6,901.60	:	1	;	;	6,901.60	ı		;	;	;
1980-81	1	1	ı	9,288.00	;	1	;	;	9,288.00	1	ı	:	:	;
1981-82			,	10,576.10	;	ı	;	ı	10,576.10	,	ı	;	:	;
1982-83	-	-	,	6,925.40	:	1	:		6,925.40			;	:	;
1983-84			ı	10,021.20	;	1	:	ı	10,021.20	ı		:	;	;
1085-86			: :	10,651.50	: :	9.0	: :		10,651,50				: 1	
1986-87	: ۱		: :	12 142 90	: :	8.6	: :		12 142 90			: :		
1987-88			: :	15.218.00		00.0	: :		15 2 18 00			:		
1988-89			:	13 705 90	,	00 0	,	,	13 705 90	,	,			,
1989-90	;	1	;	17,509.40	1	0.00	,	,	17,509.40	,	1	;	,	1
1990-91	1	1	;	16,531.80	1	0.00	1	1	16,531.80	1	1	;	1	1
1991-92	;	0.00	;	7,984.30	25,077.10	0.00		,	33,061.40	00'0	3,800.00	;	21,277.10	21,277.10
1992-93	:	0.00	;	9,478.70	3,737.50	0.00			13,216.20	/1 00:00	4,933.50 1/	;	-16,196.00 1/	5,081.10
1993-94	:	00:00	;	10,776.90	0.00	0.00	1	1	10,776.90	00:00	2,000.00		-2,000.00	3,081.10
1994-95	;	0.00	!	12,120.30	5,738.60	0.00	ı	ı	17,858.90	00:00	0.00	;	5,738.60	8,819.70
1995-96	:	0.00	;	10,113.53	3,832.00	0.00			13,945.53	0.00	0.00	,	3,832.00	12,651.70
1996-97	:	0.00	:	10,280.00	1,451.10	0.00			11,731.10	00:00	0.00		1,451.10	14,102.80
1997-98	:	0.00	:	6,803.50	953.10	0.00		ı	7,756.60	2,304.50	0.00		-1,351.40	12,751.40
1998-99		3,311.70	:	6,714.40	0.00	0.00	ı	ı	10,026.10	0.00	0.00	ı	0.00	12,751.40
2000-01	۱ :	5.583.60	۱ ۱	10,900,33	675.20	00.0			17 159 13	800	000		675 20	13 426 60
2001-02	;	4,944.10	;	16,806.40	570.20	0.00	,	,	22,320.70	0:00	0:00	,	570.20	13,996.80
2002-03	1	2,791.00	:	20,295.10	00:0	0.00	1	1	23,086.10	00:00	0.00	1	00:0	13,996.80
2003-04	:	1,920.40	;	23,083.90	00:00	0.00		,	25,004.30	00:00	0.00	,	0.00	13,996.80
2004-05	:	1,714.50	;	17,586.70	0.00	1,800.00	1	ı	21,101.20	1,700.00	0.00	1	-1,700.00	12,296.80
2005-06	:	357.10	:	12,143.60	0.00	0.00	1	ı	12,500.70	0.00	0.00	ı	0.00	12,296.80
7009-07	:	100.70	:	11,613.60	2,978.00	0.00	ı		14,758.30	0.00	0.00		2,978.00	15,274.80
2007-08	:	0.00	:	13,216.10	0.00	0.00			13,216.10	0 886 00	0.00		-1,000.70	5,366.10
2008-09	: :	00.0	: :	0,149.60	1 427 80	00.0			11 200 40	32.55	0,333.00		396 75	5, 100.20
2010-11		0.00		6,886.20	12.264.60	000			19.150.80	0.00	15.849.50 2/		-3.584.90	1.978.05
2011-12		000	,	6 586 60	12 871 40	000	;	;	19 458 00	2 299 65	3 949 50	,	6 622 25	8 600 30
2012-13	1	00:0	1	10,815.20	10,098.80	0.00	00'0	:	20,914.00	63.30	2,569.00	2,521.00	4,945.50	13,545.80
2013-14		00:00	,	18,725.40	3,110.10	0.00	00:00	,	21,835.50	479.00 3/	1,300.00	0.00	1,331.10	14,876.90
2014-15	,	00.00	,	13,447.30	471.00	1.000.00	00'0	;	14,918,30	00.00	1,000.00 4/	0.00	-529.00	14,347,90
2015-16	ı	0.00	ı	10,116.20	2,507.40	500.00	0.00	416.00	13,539.60	0.00	14,578.30 5/	0.00	-12,070.90	2,277.00
2016-17		0.00	,	9.319.40 6/	12,000.00	500.00	00:00	118.10	21,937.50	0.00	2,277.00	0.00	9,723.00	12,000.00
2017-18	-	0.00	-	10,629.40 7/	4,074.80	670.00	0.00	0.00	15,374.20	0.00	0.00	0.00	4,074.80	16,074.80
							;	:		1	;			
TOTALS		25,207.70	ı	490,508.91	103,838.70	4,470.00	0.00	534.10	624,559.41	11,652.60	58,590.30	2,521.00	16,074.80	:

If Indudes transfer of 15,000.00 acre-feet to Upper District Oydic Storage.

2 Indudes 11,8883 acre-led televered on behalf of Upper District is Suburban Water System's Upper District Producer Cyclic Storage.

3 Indudes 478,00 acre-led televered on behalf of Upper District is Suburban.

4 Indudes 478,00 acre-led delivered to Carryon Basin by Upper District on behalf of Three Valleys District

4 Indudes 500 acre-led delivered to Carryon Basin by Upper District on behalf of Three Valleys District

5 Transferred to Danne Basin Valler Apperby

6 Indudes 264.6 acre-led delivered to CIC through SGD Pipeline, which TVD delivered an equal amount through PM-26 in exchange.

7 Indudes 1,1274 acre-led televered to CIC through SGD Pipeline, which TVD delivered an equal amount through PM-26 in exchange.

7 Indudes 31,274 acre-led televered to CIC through SGD Pipeline, which TVD delivered an equal amount through PM-26 in exchange.

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

		Upper D	Upper District Producers	g			Three Valleys	Three Valleys District Producers	ers	Ī		San Gabriel	San Gabriel Valley District Producers	roducers	
		Transfer From	Transfer from		Cyclic		Transfer From	Transfer from		Cyclic	Deliveries	Transfer From	Transfer from		Cyclic
	Deliveries To	Upper District	Watermaster		_	Deliveries To	Three Valleys	Watermaster	<u>.,</u>	Storage	၀	San Gabriel	Watermaster		Storage
Fiscal	Cyclic	Cyclic	Pre-Purchase		At End	Cyclic	District Cyclic	Pre-Purchase		At End	Cyclic	Valley District	Pre-Purchase		At End
Year	Storage	Storage	Account	Withdrawals	Of Year	Storage	Storage	Account	Withdrawals	Of Year	Storage	Cyclic Storage	Account	Withdrawals	Of Year
				0											
1983-84		1,573.60		1,5/3.60	0.00	0.00	0.00	:	0.00	0.0	0.00	0.00	!	0.00	0.00
1984-85		0.00	•	0.00	0.00	0.00	0.00	:	0.00	0.00	0.00	0.00	•	0.00	0.00
1985-86	00.00	0.00	:	0.00	0.00	0.00	0.00	1	0.00	0.00	0.00	0.00	ı	0.00	0.00
1986-87	0.00	0.00	•	0.00	0.00	0.00	0.00	1	0.00	0.00	0.00	0.00	1	0.00	0.00
1987-88	00:00	0.00	1	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	:	00.00	0.00	0.00	0.00	:	0.00	0.00
1989-90	00.00	0.00	•	0.00	0.00	0.00	0.00	•	0.00	0.00	0.00	0.00	1	0.00	0.00
1990-91	13,112.70	0.00	1	13,112.70	0.00	0.00	0.00	1	0.00	0.00	0.00	0.00	1	0.00	0.00
1991-92	3,305.90	28,811.00	1	32,116.90	0.00	0.00	3,800.00	1	3,800.00	0.00	0.00	0.00	!	0.00	00:00
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	1	0.00	0.00	0.00	0.00	1	0.00	0.00	0.00	0.00	1	0.00	0.00
1995-96	0.00	0.00	1	0.00	0.00	0.00	0.00	1	0.00	0.00	0.00	0.00	1	0.00	0.00
1996-97	00:00	0.00	1	0.00	0.00	0.00	0.00	1	0.00	0.00	0.00	0.00	,	0.00	0.00
1997-98	00.00	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	00.00	0.00		0.00	0.00	0.00	0.00	:	00.00	0.00	0.00	3,200.00	:	2,859.66	1,708.70
1999-00	00.00	0.00	1	0.00	0.00	0.00	0.00	1	0.00	0.00	0.00	3,800.00	1	3,663.84	1,844.86
2000-01	00.00	0.00	;	0.00	0.00	0.00	0.00	1	0.00	0.00	0.00	3,800.00	1	2,825.02	2,819.84
2001-02	00.00	0.00	;	0.00	0.00	0.00	0.00	1	0.00	0.00	0.00	7,100.00	1	6,450.10	3,469.74
2002-03	00.00	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		10,000.00	1	0.00	10,000.00	0.00	0.00	1	0.00	0.00	0.00	9,800.00	1	8,870.23	6,750.76
2004-05		0.00	1	7,031.99	2,968.01	0.00	1,800.00	1	1,800.00	0.00	0.00	13,100.00	1	9,904.94	9,945.82
2005-06		9,000.00	1	3,474.72	8,493.29	0.00	0.00	1	0.00	0.00	0.00	944.38	1	3,434.20	7,456.00
2006-07	0.00	2,100.00 3/	1	3,307.46	7,285.83	0.00	332.00 3/		332.00	0.00	0.00	1,400.00	1	3,670.43	5,185.57
2007-08	0.00	2,276.03	1	3,740.96	5,820.90	0.00	2,029.24 4/ 5	-	0.00	2,029.24	0.00	14,131.80 4/	1	5,402.96	13,914.41
2008-09	0.00	11,125.40	1	9,112.32	7,833.98	0.00	5,335.00	1	1,600.09 5	5,764.15	0.00	11,619.40	1	19,526.61	6,007.20
2009-10	0.00	0.00	1	0.00	7,833.98	0.00	998.50	1	3,629.92 3	3,132.73	0.00	9,225.34	1	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	3,812.91	0.00	7,500.00	•	0.00	11,432.54
2011-12	18,169.10	0.00	1	10,492.71	26,943.53	0.00	3,949.50	1	2,711.74 5	5,050.67	0.00	0.00	1	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	,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	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	3,102.54	3,995.80	0.00	1	961.80 9/	7,551.87
2015-16	10,510.00	1,100.00	1,000.00	15,830.75	24,435.96	200.00	0.00	350.00	1,346.07 2	2,606.47	0.00	0.00	1	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		2,715.13	0.00	0.00	ı	2,246.96	2,970.74
2017-18	3,236.00	536.90	14,833.70	24,510.51	42,462.71	00.079	0.00	594.14	2,899.57 1	1,079.70	0.00	0.00		0.00	2,970.74

^{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.

^{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. 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.

^{9/} Transferred from City of Sierra Madre Cyclic Storage to San Gabriel District Cyclic Storage

Note: The minimum and maximum values are bolded.

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

		Upper District	it.			Three Valleys District	it.			San Gabriel District	1	
	Deliver/Transfer	Transfer to		Cyclic	Deliver/Transfer	Transfer to		Cyclic	Deliver/Transfer	Transfer to		Cyclic
	from	Upper District	Transfer to	Storage	from	Three Valleys District	Transfer to	Storage	from	San Gabriel District	Transfer to	Storage
Fiscal	Upper District	Producers	RDA I/II	At End	Three Valleys	Producers	RDA I/II	At End	San Gabriel	Producers	RDA I/II	At End
Year		Cyclic Storage	Account	Of Year	District	Cyclic Storage	Account	Of Year	District	Cyclic Storage	Account	Of Year
2012-13	2,034.70	0.00	0.00	2,034.70	2,521.00	0.00	0.00	2,521.00	0.00	00:00	00.0	0.00
2013-14	0.00	0.00	00.00	2,034.70	479.00	361.96	00.00	2,638.04	0.00	00:00	0.00	00.00
2014-15	5,000.00	1,900.00	00.00	5,134.70	0.00	800.00	00.00	1,838.04	0.00	0.00	0.00	0.00
2015-16	4,500.00	1,000.00	00.00	8,634.70	00.0	350.00	00.00	1,488.04	0.00	0.00	00.00	0.00
2016-17	0.00	565.00	00:00	8,069.70	00.0	00:00	223.90	1,264.14	0.00	00:00	00.00	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	00.00	00.00

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, 2016	121,365
2.	Amount of Make-up Water delivered during water year 2016-17	
	a. Payment for Reclaimed Waterb. Surface Flow Deliveryc. Total	0 0 0
3.	Adjusted Accrued Credit of Upper Area as of September 30, 2016	121,365
4.	Credit for Water Year 2016-17	29,438
5.	Accrued Credit of Upper Area as of September 30, 2017	150,803
6.	Required Make-up Water obligation to be delivered during Water Year 2017-18	0

APPENDIX F

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

		al Account	_		ong-term A	_		Total
34/-4		Water Deli	veries			r Deliveries	,	Total
Water	Reclaimed	Surface	Tatal	Reclaimed	Surface	In-Lieu	Tatal	Make-up
Year	Water	Flow	Total	Water	Flow	Payment	Total	Water
1062.64	0	•	0					0
1963-64	12.257	0	•	-	-	-	-	12.257
1964-65	13,257	6 490	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			-	<u>-</u>	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
2006-07	0	0	0	-	-	-	-	

		al Accounti Water Deliv	_		•	ccounting or Deliveries	3	Total
Water	Reclaimed	Surface		Reclaimed	Surface	In-Lieu		Make-up
Year	Water	Flow	Total	Water	Flow	Payment	Total	Water
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
TOTALS	178,884	54,671	233,555	36,748	115,310	15,883	167,941	401,496
54-Year								
Average	3,313	1,012	4,325	681	2,135	294	3,110	7,435

Note: The minimum and maximum values are bolded.

APPENDIX G

QUARTERLY GROUNDWATER EXTRACTIONS AND SURFACE DIVERSIONS

APPENDIX G

QUARTERLY GROUNDWATER EXTRACTIONS AND SURFACE DIVERSIONS

	er's Name and fication Number	2017-18	Groundwater	Extractions a	nd Surface D	iversions
	tication Number	Finat	Casand	(Acre-feet)	Farmtle	Ammund
Owner Number	Recordation No.	First Quarter	Second Quarter	Third Quarter	Fourth Quarter	Annual Total
Alhambra, Ci	ty of					
7	1903097	0.00	0.00	0.00	0.00	0.00
MOELR (8)	1900010	234.89	183.79	272.57	305.44	996.69
9 `´	1900011	1.65	1.36	7.05	1.19	11.25
10	1900012	0.00	0.00	0.00	0.00	0.00
11	1903014	25.76	18.25	15.40	34.31	93.72
12	1900013	1.48	1.47	8.80	1.73	13.48
13	1900014	105.08	46.94	27.70	87.43	267.15
14	1900015	335.43	338.02	196.50	344.75	1,214.70
15	1900016	342.04	318.40	300.18	351.68	1,312.30
1 LON	1902789	333.89	309.14	242.77	177.95	1,063.75
2 LON	1900017	457.26	366.20	368.79	468.00	1,660.25
	TOTAL	1,837.48	1,583.57	1,439.76	1,772.48	6,633.29
Amarillo Mut	ual Water Company	L				
COLITH	1000701	06.22	64.63	0.16	27.77	105 70
SOUTH NORTH	1900791 1900792	96.22 0.07	61.63 22.49	0.16 73.15	27.77 54.03	185.78 149.74
	TOTAL	96.29	84.12	73.31	81.80	335.52
Arcadia, City	<u>of</u>					
1 L.O.	8000127	849.52	853.19	405.12	71.92	2,179.75
1 L.O. 1 LON	1901013	0.00	0.00	23.47	0.00	23.47
1 PEC	1902854	1,306.98	1,106.13	629.87	1,082.67	4,125.65
2 BAL	1902791	0.00	0.00	0.00	0.00	0.00
2 LON	1901014	0.00	0.00	0.00	0.00	0.00
2 STJ	8000177	0.00	0.00	0.00	0.00	0.00
3 CAM	8000213	1,061.68	1,039.33	1,004.80	1,030.20	4,136.01
3 LONG	8000214	484.63	356.62	229.49	564.21	1,634.95
SM	8000193	0.00	0.00	0.00	0.00	0.00
	TOTAL	3,702.81	3,355.27	2,292.75	2,749.00	12,099.83
Arcadia Recl	<u>amation</u>					
	8000229	0.00	0.00	10.70	25.73	36.43
	TOTAL	0.00	0.00	10.70	25.73	36.43
Azusa, City o	<u>·f</u>					
1	8000072	646.41	441.78	356.35	452.90	1,897.44
2	1902457	358.93	320.68	175.68	235.12	1,090.41
3	8000086	992.19	1,011.59	901.54	674.75	3,580.07
4	1902458	348.40	309.94	186.75	329.21	1,174.30
5	1902533	0.00	0.00	0.00	390.10	390.10

Dua d	aria Nama and	2017-18 Groundwater Extractions and Surface Diversions					
	er's Name and ification Number	(Acre-feet)					
Owner	Treation Number	First	Second	Third	Fourth	Annual	
Number	Recordation No.	Quarter	Quarter	Quarter	Quarter	Total	
6	1902535	157.76	80.35	23.57	151.18	412.86	
7	1902333	296.49	182.42	99.98	176.90	755.79	
8	1902115	207.01	0.00	0.95	224.54	432.50	
10	8000103	39.70	13.66	8.76	11.82	73.94	
11	8000103	490.20	474.91	380.19	367.54	1,712.84	
12	8000178	386.11	485.17	403.37	410.53	1,685.18	
DIV EFF	1902118		1,472.82			5,806.67	
VUL	1902118	1,627.71 41.72	31.90	1,356.26 13.24	1,349.88 25.90	112.76	
VOL	1903119	41.72	31.90	13.24	25.90	112.70	
	TOTAL	5,592.63	4,825.22	3,906.64	4,800.37	19,124.86	
Banks, Gale	& Vicki						
	8000215	11.36	5.94	4.47	9.65	31.42	
	TOTAL	11.36	5.94	4.47	9.65	31.42	
California-An	nerican Water Com	pany					
Duarte Syste							
BACON	1900497	0.14	0.11	0.53	2.00	2.78	
B-V	1900355	0.00	0.00	0.00	0.00	0.00	
B-V2	8000216	377.69	36.60	0.38	131.32	545.99	
CR HV	1903018	335.57	592.32	482.29	541.89	1,952.07	
DIV 2	1900360	73.41	53.29	30.09	42.84	199.63	
ENCTO	8000139	58.57	1.02	485.88	665.50	1,210.97	
FISH C	1900358	0.00	0.00	0.00	0.00	0.00	
LAS L 2	8000140	315.72	327.57	62.39	10.86	716.54	
STA FE	1900354	106.12	2.63	10.18	103.21	222.14	
WILEY	1902907	578.85	554.51	151.36	24.61	1,309.33	
	TOTAL	1,846.07	1,568.05	1,223.10	1,522.23	6,159.45	
	nerican Water Com	pany					
San Marino S	<u>System</u>						
DELMAR	1903059	265.68	284.44	311.56	283.37	1,145.05	
GRAND	1900926	327.18	299.06	163.41	0.00	789.65	
HALL-2	8000175	280.31	277.24	172.87	453.71	1,184.13	
HOWL	1902424	221.32	218.26	39.89	91.02	570.49	
LONG	1900935	0.00	0.00	0.00	0.00	0.00	
MAR-3	1903019	197.16	233.85	274.33	209.76	915.10	
MISVW	1900920	0.00	0.00	0.00	0.00	0.00	
ROSE	1900927	0.00	0.00	0.00	0.00	0.00	
RIC-3	8000222	544.62	463.88	523.11	635.29	2,166.90	
ADA-3	8000182	0.00	0.00	0.00	0.00	0.00	
ADA-3							
	TOTAL	1,836.27	1,776.73	1,485.17	1,673.15	6,771.32	
California Co	ountry 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	

	er's Name and	2017-18 (Groundwater	Extractions a	nd Surface Di	versions		
_	fication Number			(Acre-feet)				
Owner Number	Recordation No.	First Quarter	Second Quarter	Third Quarter	Fourth Quarter	Annual Total		
California Do	mestic Water Com	pany						
2	1901181	950.57	922.41	523.23	498.55	2,894.76		
3	1903057	1,644.42	1,590.93	1,650.07	1,542.50	6,427.92		
6	1902967	753.43	442.89	270.26	432.02	1,898.60		
8	1903081	976.76	825.31	686.38	950.85	3,439.30		
	8000100		1,300.87					
5A		1,294.47	,	1,327.85	1,235.01	5,158.20		
10	8000223	701.55	578.27	53.34	146.47	1,479.63		
SGVWC	8000227	0.00	0.00	0.00	408.08	408.08		
PBWA/RO	8000224	-307.81	-556.62	-476.92	-462.60	-1,803.95		
	TOTAL	6,013.39	5,104.06	4,034.21	4,750.88	19,902.54		
Carrier Corpo	oration							
		3.60	14.64	3.35	0.85	22.44		
	TOTAL	3.60	14.64	3.35	0.85	22.44		
Citrus Valley	Medical Center, Qu	ueen of the V	alley Campus	Ē				
1	8000138	0.00	0.00	0.00	0.00	0.00		
	TOTAL		0.00	0.00	0.00	0.00		
Coiner, Jame	s W., dba Coiner N	ursery						
5R	1903072	12.40	0.00	0.00	0.00	12.40		
	TOTAL	12.40	0.00	0.00	0.00	12.40		
County Sanit	ation District No. 1	<u>8</u>						
E01R	8000161	0.03	0.03	0.03	0.03	0.12		
E02R	8000165	0.37	0.34	0.31	0.30	1.32		
E03R	8000162	0.01	0.01	0.01	0.01	0.04		
E04R	8000166	0.08	0.08	0.07	0.07	0.30		
E05R	8000163	0.14	0.12	0.15	0.14	0.55		
E06R	8000167	0.04	0.04	0.04	0.04	0.16		
E07R	8000164	0.25	0.25	0.23	0.23	0.96		
E08R	8000168	0.12	0.11	0.10	0.10	0.43		
E16A	8000153	0.12	0.14	0.13	0.13	0.56		
E17A	8000154	0.10	0.14	0.13	0.13	3.68		
E18A	8000155	0.01	0.97	0.90	0.94	0.60		
E19A	8000156	0.24	0.23	0.21	0.24	0.92		
E20A	8000173	0.21	0.21	0.18	0.20	0.80		
EX 1	8000141	0.06	0.08	0.08	0.08	0.30		
EX 2	8000142	0.01	0.00	0.01	0.00	0.02		
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	-	18.42	39.40	28.83	16.53	103.18		
	TOTAL	21.11	42.17	31.46	19.20	113.94		
Covina Irriga	ting Company							
1 BAL	1900885	0.00	0.00	0.00	0.00	0.00		
2 BAL	1900883	0.00	0.00	0.00	0.00	0.00		
3 BAL	1900882	0.00	0.00	0.00	0.00	0.00		
NP EFFL	1900884	1,339.17	1,610.48	1,304.10	1,618.84	5,872.59		
SP EFFL PMSGV-2	1900884 	2,085.44 -91.18	1,563.88 -2,136.36	1,359.74 -2,022.36	1,734.00 -2,333.33	6,743.06 -6,583.23		
	TOTAL	3,333.43	1,038.00	641.48	1,019.51	6,032.42		

	er's Name and ification Number	2017-18 Groundwater Extractions and Surface Diversions (Acre-feet)					
Owner	mication number	First	Second	Third	Fourth	Annual	
Number	Recordation No.	Quarter	Quarter	Quarter	Quarter	Total	
DeFalco, Joh	nn & Carole						
	8000194	0.00	0.00	0.00	0.00	0.00	
	TOTAL		0.00	0.00	0.00	0.00	
Del Rio Mutu	al Water Company						
BURKE	1900331	33.00	26.00	23.00	29.00	111.00	
	TOTAL	33.00	26.00	23.00	29.00	111.00	
East Pasade	na Water Company,	<u>, Ltd.</u>					
9	1901508	154.32	11.69	34.06	72.04	272.11	
11	8000217	289.85	375.61	275.03	357.77	1,298.26	
	TOTAL	444.17	387.30	309.09	429.81	1,570.37	
El Monte, Cit	y of						
4	1901694	0.00	0.00	0.00	0.00	0.00	
10	1901699	202.38	324.08	241.31	271.83	1,039.60	
12	1903137	65.66	14.46	92.65	125.73	298.50	
13	8000101	140.06	15.25	0.00	0.00	155.31	
2A	1901692	254.61	217.34	200.44	183.71	856.10	
	TOTAL	662.71	571.13	534.40	581.27	2,349.51	
Gates, James	s Richard						
GATES 1	8000215	0.27	0.21	0.15	0.20	0.83	
	TOTAL	0.27	0.21	0.15	0.20	0.83	
Glendora, Ci	ty of						
2-E	1901526	126.04	24.00	3.82	84.15	238.01	
5-E	8000149	627.34	512.02	241.79	578.23	1,959.38	
8-E	1900829	595.58	537.11	441.98	455.03	2,029.70	
9-E	1900830	579.73	510.35	418.34	488.07	1,996.49	
10-E	1900828	10.50	2.27	0.85	16.00	29.62	
11-E	1900826	3.66	3.40	1.98	27.06	36.10	
12-G 13-E	1900827 8000003	1,225.09 247.15	944.74 204.04	768.78 60.79	871.37 187.24	3,809.98 699.22	
	TOTAL	3,415.09	2,737.93	1,938.33	2,707.15	10,798.50	
Golden State	Water Company	,	,	•	,	ŕ	
San Dimas D	<u>istrict</u>						
ART-2	1902152	0.00	0.00	0.00	0.00	0.00	
ART-3	1902842	0.00	3.13	0.22	0.28	3.63	
BAS-3	1902148	132.05	92.61	114.80	106.53	445.99	
BAS-4	1902149	0.00	0.00	0.00	0.00	0.00	
COL-4	1902268	19.10	0.00	0.05	0.19	19.34	
COL-6	1902270	0.00	0.00	0.00	0.00	0.00	
CITY	1902286	55.31 0.00	44.66	24.43	49.12	173.52	
	GOLF 1902157		0.00	0.00	0.00	0.00	
HWY	1902150	180.22	176.33	169.13	143.99	669.67	
HWY-2 MALON	8000212 1902287	222.46 131.47	202.85 132.49	188.03 58.90	179.11 108.32	792.45 431.18	
	TOTAL	740.61	652.07	555.56	587.54	2,535.78	
						,	

	er's Name and	2017-18 Groundwater Extractions and Surface Diversions (Acre-feet)							
Owner	incation Number	First	Second	Third	Fourth	Annual			
Number	Recordation No.	Quarter	Quarter	Quarter	Quarter	Total			
	Golden State Water Company San Gabriel Valley District								
1 ENC	1902024	78.32	236.44	192.02	207.03	713.81			
1 FAR	1902034	74.95	30.73	3.49	57.94	167.11			
1 PER	1902027	49.16	15.97	7.84	28.75	101.72			
1 S G	1900510	349.45	291.22	260.84	217.70	1,119.21			
2 ENC	1902035	181.10	151.60	149.31	134.95	616.96			
2 FAR	1902948	33.63	15.17	10.47	16.36	75.63			
2 S G	1900511	67.57	80.23	122.84	112.38	383.02			
3 ENC	8000073	215.54	145.10	128.95	147.29	636.88			
3 GAR	8000221	150.87	179.02	138.15	188.88	656.92			
3 SAX	1900514	105.18	58.05	28.11	66.66	258.00			
4 JEF	8000111	221.17	174.34	129.14 0.29	168.22 0.80	692.87 1.21			
4 SAX	8000146	0.12	0.00	0.29	0.60	1.21			
	TOTAL	1,527.06	1,377.87	1,171.45	1,346.96	5,423.34			
Gould Electro	onics Inc. and htrols Inc.								
SEW		10.01	9.25	8.09	6.91	34.26			
DEW		231.87	222.97	195.64	234.29	884.77			
	TOTAL	241.88	232.22	203.73	241.20	919.03			
Hanson Aggı	regates West, Inc.								
1 EL	1901492	32.47	23.37	26.38	16.59	98.81			
3 EL	1901493	27.07	32.21	21.72	40.92	121.92			
4 EL	1903006	0.00	0.00	0.00	0.00	0.00			
	TOTAL	59.54	55.58	48.10	57.51	220.73			
Hamlack Mut			00.00	40.10	07.01	220.70			
nemiock wu	ual Water Compan	¥							
NORTH	1901178	9.01	2.75	12.65	2.67	27.08			
SOUTH	1902806	11.75	12.41	5.29	15.29	44.74			
	TOTAL	20.76	15.16	17.94	17.96	71.82			
Hermetic Sea	al Corporation								
EW-21/22		9.36	13.98	15.10	14.77	53.21			
	TOTAL	9.36	13.98	15.10	14.77	53.21			
Industry Wat	erworks System, C	ity 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	432.17	427.40	396.27	59.05	1,314.89			
	TOTAL	432.17	427.40	396.27	59.05	1,314.89			

	r's Name and fication Number	2017-18 Groundwater Extractions and Surface Diversions (Acre-feet)						
Owner Number	Recordation No.	First Quarter	Second Quarter	Third Quarter	Fourth Quarter	Annual Total		
La Puente Valley County Water District								
2	1901460	134.06	28.92	14.93	8.74	186.65		
3	1902859	154.92	33.87	17.28	10.23	216.30		
5	8000209	589.89	834.92	884.70	924.24	3,233.75		
SWS	8000176	-424.81	-525.87	-624.42	-525.74	-2,100.84		
	TOTAL	454.06	371.84	292.49	417.47	1,535.86		
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	342.68	140.58	162.77	271.23	917.26		
1 WHI	1902579	0.00	0.00	0.00	0.00	0.00		
2 SF	8000074	7.09	5.19	3.85	6.11	22.24		
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)		766.91	804.33	813.24	819.71	3,204.19		
	TOTAL	1,116.68	950.10	979.86	1,097.05	4,143.69		
MillerCoors L	<u>LC</u>							
2	8000075	109.02	94.85	112.54	113.03	429.44		
	TOTAL	109.02	94.85	112.54	113.03	429.44		
Monrovia, Cit	y of							
2	1900418	1.96	2.86	1.06	1.38	7.26		
3	1900419	278.73	193.39	115.10	182.79	770.01		
4	1900420	607.32	522.42	379.70	453.25	1,962.69		
5	1940104	623.52	549.73	516.05	553.93	2,243.23		
6	8000171	617.64	591.77	432.17	575.28	2,216.86		
	TOTAL	2,129.17	1,860.17	1,444.08	1,766.63	7,200.05		
Monterey Par	k, City of							
1	1900453	76.78	28.48	49.50	16.42	171.18		
3	1900455	0.00	0.00	0.00	0.00	0.00		
5	1900457	0.00	165.08	180.02	179.56	524.66		
7	1902372	0.00	0.00	0.00	0.00	0.00		
8	1902373	0.00	0.00	0.00	0.00	0.00		
9	1902690	1.20	1.90	4.63	1.20	8.93		
10	1902818	376.21	215.25	179.81	227.13	998.40		
12	1903033	712.69	764.06	636.49	789.10	2,902.34		
15	8000196	538.37	745.56	546.08	688.35	2,518.36		
FERN	8000126	192.85	39.13	72.64	25.32	329.94		
	TOTAL	1,898.10	1,959.46	1,669.17	1,927.08	7,453.81		

	er's Name and	2017-18 Groundwater Extractions and Surface Diversions (Acre-feet)					
Owner Number	Recordation No.	First Quarter	Second Quarter	Third Quarter	Fourth Quarter	Annual Total	
Moon Valley	Nursery of Californ	ia, Inc.					
5R	1903072	10.05	8.42	5.77	5.60	29.84	
	TOTAL	10.05	8.42	5.77	5.60	29.84	
Munoz, Ralph	<u>1</u>						
MUNOZ	8000219	0.91	0.23	0.39	0.89	2.42	
	TOTAL	0.91	0.23	0.39	0.89	2.42	
Puente Basin	Water Agency						
PBWA/RO	8000224	307.81	556.62	476.92	462.60	1,803.95	
	TOTAL	307.81	556.62	476.92	462.60	1,803.95	
Rowland Water District							
		0.00	1.59	13.17	15.96	30.72	
	TOTAL	0.00	1.59	13.17	15.96	30.72	
Rurban Home	es Mutual Water Co	ompany					
1-NOR	1900120	58.36	42.55	34.84	48.39	184.14	
2-SOU	20071758-06	0.00	0.00	0.00	0.00	0.00	
	TOTAL	58.36	42.55	34.84	48.39	184.14	
San Gabriel (Country Club						
1	1900547	24.16	11.01	5.41	15.97	56.55	
2	1902979	88.48	39.37	12.63	60.23	200.71	
	TOTAL	112.64	50.38	18.04	76.20	257.26	
San Gabriel C	County Water Distri	<u>ict</u>					
9	1902785	287.30	409.26	401.98	408.22	1,506.76	
11	8000067	2.12	0.92	1.76	2.88	7.68	
12	8000123	490.32	320.81	232.09	325.14	1,368.36	
14	8000133	393.36	279.10	253.18	317.55	1,243.19	
15	8000220	387.45	374.58	307.14	255.98	1,325.15	
	TOTAL	1,560.55	1,384.67	1,196.15	1,309.77	5,451.14	

	er's Name and	2017-18 Groundwater Extractions and Surface Diversions					
	fication Number	F*	0	(Acre-feet)	F 1	A	
Owner Number	Recordation No.	First Quarter	Second Quarter	Third Quarter	Fourth Quarter	Annual Total	
San Gabriel \	/alley Water Compa	any				_	
		_		=		=	
1B	1900729	5.56	3.32	1.07	4.20	14.15	
1C 1D	1902946 8000102	0.66 780.90	0.37 286.80	0.11 353.20	0.00 689.56	1.14 2,110.46	
1E	8000102	376.62	78.86	29.47	226.83	711.78	
2D	1902857	420.37	425.11	333.68	605.56	1,784.72	
2E	8000065	1.04	0.71	0.72	1.95	4.42	
2F	8000197	464.86	448.76	31.09	88.93	1,033.64	
8B	1900746	2.18	2.45	1.17	1.56	7.36	
8C	1900747	409.12	301.81	241.84	344.56	1,297.33	
8D	1903103	531.95	377.85	301.17	422.27	1,633.24	
8E	8000113	5.67	6.51	3.12	14.54	29.84	
8F	8000169	72.64	23.84	6.79	7.42	110.69	
11A	1900739	582.59	341.51	165.85	436.82	1,526.77	
11B	1900745	0.02	0.41	0.94	12.27	13.64	
11C	1902713	59.23	9.19	0.60	55.70	124.72	
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	1,133.11	1,100.34	1,085.93	1,045.59	4,364.97	
B5C	8000112	0.00	0.00	0.00	0.00	0.00	
B5D	8000160	5.11	39.19	34.97	69.06	148.33	
B5E B6C	8000205 1903093	858.78 0.00	828.24 0.00	753.46 0.00	1,134.36 0.00	3,574.84 0.00	
B6D	8000098	0.00	0.00	0.00	0.00	0.00	
B7C	8000098	0.03	0.30	0.05	0.07	0.43	
B7E	8000122	21.31	27.62	7.09	56.38	112.40	
B9B	8000099	77.43	53.10	28.77	89.33	248.63	
B11A	1901439	77.40	00.10	20.77	00.00	0.00	
B11B	8000108	400.69	310.05	171.05	431.50	1,313.29	
B24A	8000203	272.37	4.35	2.91	19.36	298.99	
B24B	8000204	14.43	3.03	2.77	2.53	22.76	
B25A	8000187	943.56	998.76	982.48	995.99	3,920.79	
B25B	8000188	961.11	978.09	956.04	944.34	3,839.58	
B26A	8000189	255.22	292.82	290.01	265.42	1,103.47	
B26B	8000190	449.67	488.79	490.90	415.76	1,845.12	
G4	1900725	76.99	67.00	47.66	55.64	247.29	
CDWC	8000227	0.00	0.00	0.00	-408.08	-408.08	
	TOTAL	9,183.22	7,499.18	6,324.91	8,029.42	31,036.73	
Sierra La Ver	ne Country Club						
1	8000124	0.00	0.00	0.00	0.00	0.00	
15 Offsite	8000124	0.00	0.00	0.00	0.00	0.00	
	TOTAL	0.00	0.00	0.00	0.00	0.00	
Sierra Madre	, City of						
	8000193	0.00	0.00	0.00	0.00	0.00	
	TOTAL	0.00	0.00	0.00	0.00	0.00	
S. L. S. & N. I	nc.						
Pit M	8000151	7.08	7.13	6.88	7.39	28.48	
	TOTAL	7.08	7.13	6.88	7.39	28.48	

	er's Name and ification Number	2017-18 Groundwater Extractions and Surface Diversions (Acre-feet)					
Owner Number	Recordation No.	First Quarter	Second Quarter	Third Quarter	Fourth Quarter	Annual Total	
Sonoco Prod	lucts Company						
2	8000137	21.03	16.55	16.40	17.58	71.56	
	TOTAL	21.03	16.55	16.40	17.58	71.56	
Southern Ca	<u>lifornia Edison Con</u>	npany					
110RH	8000046	0.17	0.08	0.02	0.00	0.27	
	TOTAL	0.17	0.08	0.02	0.00	0.27	
South Pasad	ena, City of						
3 WIL	1901682	716.84	740.23	499.81	28.03	1,984.91	
4 WIL	1903086	357.22	212.44	61.87	3.92	635.45	
GRAV2	1901679	0.00	0.00	0.00	0.00	0.00	
	TOTAL	1,074.06	952.67	561.68	31.95	2,620.36	
Sterling Mutu	ual Water Company						
N. SO.	8000132	22.96	17.11	9.26	12.03	61.36	
NORTH	1902096	13.92	12.51	1.98	15.71	44.12	
	TOTAL	36.88	29.62	11.24	27.74	105.48	
Suburban Wa	ater Systems						
121W1	8000181	659.64	441.41	215.02	249.17	1,565.24	
139W4	8000069	0.00	0.00	0.00	0.00	0.00	
140W5	8000145	549.30	249.38	0.20	210.87	1,009.75	
142W2	8000183	1,046.31	1,061.43	881.22	1,036.29	4,025.25	
147W3	8000077	0.00	19.87	0.00	0.00	19.87	
151W2	8000207	1,287.61	1,115.74	672.35	1,210.33	4,286.03	
201W4	1901433	0.00	0.00	0.00	0.00	0.00	
201W7	8000195	1,315.90	1,362.87	1,380.67	1,279.67	5,339.11	
201W8	8000198	525.38	290.16	233.52	786.56	1,835.62	
201W9	8000208	1,234.88	1,033.06	572.66	867.13	3,707.73	
201W10	8000210	177.90	7.44	6.10	222.63	414.07	
LPVCWD VCWD	8000176 8000206	424.81 1,547.98	525.87 1,274.52	624.42 1,182.97	525.74 737.99	2,100.84 4,743.46	
	TOTAL	8,769.71	7,381.75	5,769.13	7,126.38	29,046.97	
Sunny Slone	Water Company	.,	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	5,000	,,=====		
-							
8	1900026	35.53	189.33	73.52	13.81	312.19	
9	1902792	73.18	1.50	7.77	20.90	103.35	
13	8000157	565.83	390.34	350.30	529.02	1,835.49	
	TOTAL	674.54	581.17	431.59	563.73	2,251.03	
Tran, Hieu							
TRAN	8000218	1.25	1.22	1.25	0.84	4.56	
	TOTAL	1.25	1.22	1.25	0.84	4.56	

	er's Name and ification Number	2017-18 Groundwater Extractions and Surface Diversions (Acre-feet)					
Owner	mcation Number	First	Second	Third	Fourth	Annual	
Number	Recordation No.	Quarter	Quarter	Quarter	Quarter	Total	
United Rock	Products Corporat	<u>ion</u>					
IRW-1 IRW-2	1900106 1903062	92.65 9.87	104.89 11.59	110.03 0.00	121.23 1.59	428.80 23.05	
	TOTAL	102.52	116.48	110.03	122.82	451.85	
Valencia Hei	ghts Water Compar	<u>ıy</u>					
Master	8000199	305.47	301.55	309.12	450.56	1,366.70	
CIC		-180.51	-186.49	-213.37	-202.62	-782.99	
	TOTAL	124.96	115.06	95.75	247.94	583.71	
Valley Count	y Water District						
ARROW	1900034	0.00	17.71	0.00	0.00	17.71	
E MAIN	1900027	416.88	467.72	272.22	404.40	1,561.22	
E CL O N	1900032	984.03	333.20	50.00	361.19	1,728.42	
LANTE	8000060	1,267.93	1,213.04	1,181.38	639.26	4,301.61	
SA1-1	8000184	272.75	47.91	0.00	94.42	415.08	
SA1-2	8000186	0.00	0.00	0.00	0.00	0.00	
WMAIN	1900028	272.87	311.71	387.33	296.73	1,268.64	
W CL O N	1902356	524.83	668.50	694.00	725.47	2,612.80	
SWS	8000206	-1,547.98	-1,274.52	-1,182.97	-737.99	-4,743.46	
	TOTAL	2,191.31	1,785.27	1,401.96	1,783.48	7,162.02	
Valley View I	Mutual Water Comp	any					
1	1900363	0.00	0.00	0.00	0.00	0.00	
2	1900364	161.89	147.04	148.79	132.78	590.50	
	TOTAL	161.89	147.04	148.79	132.78	590.50	
Vietnamese /	American Buddhist	<u>Temple</u>					
VIET TEM	8000191	1.35	1.53	1.52	1.97	6.37	
	TOTAL	1.35	1.53	1.52	1.97	6.37	
Vulcan Mater	rials Company						
1 REL TEMP	1903088 	68.44 124.74	62.28 116.79	63.53 98.61	80.81 101.41	275.06 441.55	
	TOTAL	193.18	179.07	162.14	182.22	716.61	
Whittier, City	<u>of</u>						
10	1001740	120.05	244.22	62.02	166.17	592.17	
13 15	1901749	120.85	241.32	63.83			
15 16	8000071	757.75 506.01	1,033.60	28.63	396.92	2,216.90	
16	8000110	506.91	214.46	77.59	47.92	846.88	
17	8000135	0.00	0.00	0.06	0.00	0.06	
18	8000136	0.00	0.00	0.00	0.00	0.00	
	TOTAL	1,385.51	1,489.38	170.11	611.01	3,656.01	

	r's Name and fication Number	2017-18 Groundwater Extractions and Surface Diversions (Acre-feet)					
Owner		First	Second	Third	Fourth	Annual	
Number	Recordation No.	Quarter	Quarter	Quarter	Quarter	Total	
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 Tota	I	63,579.47	53,478.70	41,816.34	50,625.19	209,499.70	
Surface Wa Diversion T		5,034.55	2,564.11	2,027.83	2,412.23	12,038.72	
Groundwat Extraction	-	58,544.92	50,914.59	39,788.51	48,212.96	197,460.98	

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)

	Operating			Replacement		Carryover
Fiscal	Safe	Production	Recorded	Water	Lost	to
Year	Yield	Rights	Production	Requirement	Carryover	Next Year
1070 70			044 007 74			
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
		·	·	·		
Average 1/	193,707	234,133	239,405	26,856	335	29,448
10-Year Avg.	171,000	215,370	223,401	16,357	313	33,391

^{1/} Average based on 45 years from 1973-74 through 2017-18.
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	2013-14	2014-15	2015-16	2016-17	2017-18
Adams Ranch Mutual Water Co.	71.00	55.59	37.21		
Alhambra, City of ^{1/}	8,321.99	7,291.86	6,352.61	6,240.17	6,633.29
Amarillo Mutual Water Co.	395.22	343.88	336.50	333.23	335.52
Arcadia, City of	14,103.55	12,009.68	9,462.97	10,228.70	12,099.83
Arcadia Reclamation	0.00	0.00	0.00	0.00	36.43
Azusa, City of	7,752.14	6,831.70	6,125.64	6,663.98	7,161.54
Azusa Valley Water Co.	13,065.21	11,544.54	10,446.46	11,230.97	11,963.32
Banks, Gale & Vicki	35.31	34.00	26.86	32.47	31.42
California-American Water Co.					
(Duarte)	6,897.17	6,023.18	5,096.54	5,507.09	6,159.45
California-American Water Co.					
(San Marino)	8,362.14	8,034.66	6,056.89	5,952.35	6,771.32
California Country Club	0.01	0.00	0.00	0.00	0.00
California Domestic Water Co.	19,183.34	18,768.92	16,821.21	17,296.79	19,902.54
Carrier Corporation	32.73	33.71	32.49	19.66	22.44
Champion Mutual Water Co.	85.88	50.35			
Citrus Valley Medical Center,					
Queen of the Valley Campus	7.89	0.00	0.00	0.00	0.00
Coiner, James W., dba Coiner Nursery	111.92	121.85	90.75	62.51	12.40
County Sanitation District No. 18	13.11	10.31	11.52	20.40	113.94
Covina Irrigating Co.	7,216.77	8,467.87	5,741.21	6,859.06	6,032.42
DeFalco, John & Carole				0.00	0.00
Del Rio Mutual Water Co.	127.00	114.00	100.00	105.00	111.00
Driftwood Dairy	40.41				
East Pasadena Water Co., Ltd.	1,616.22	1,443.94	1,241.51	1,310.34	1,570.37
El Monte, City of	2,294.19	2,282.17	2,012.34	2,204.28	2,349.51
Gates, James Richard	2.64	1.16	0.95	0.87	0.83
Glendora, City of	10,885.42	8,438.78	8,731.80	10,001.79	10,798.50
Golden State Water Company					
(San Dimas District)	4,073.72	2,795.30	2,426.61	2,486.26	2,535.78
Golden State Water Company					
(San Gabriel Valley District)	6,335.29	5,748.18	5,092.36	5,232.10	5,423.34
Gould Electronics Inc. and					
Johnson Controls Inc.			386.79	832.55	919.03
Hanson Aggregates West, Inc.	99.18	123.92	195.41	167.19	220.73
Hemlock Mutual Water Co.	87.95	74.93	67.93	67.19	71.82
Hermetic Seal Corporation	70.80	50.31	42.30	53.07	53.21
Industry Waterworks System, City of	1,564.40	1,386.39	1,243.93	1,235.95	1,314.89

Producer Name	2013-14	2014-15	2015-16	2016-17	2017-18	
La Puente Valley County Water District	1,863.22	1,593.99	1,436.68	1,402.37	1,535.86	
Los Angeles, County of	4,311.63	3,185.69	3,116.10	4,215.97	4,143.69	
MillerCoors LLC	346.54	401.67	330.58	450.86	429.44	
Monrovia, City of	7,973.01	6,883.28	6,106.12	6,580.52	7,200.05	
Monrovia Nursery Monterey Park, City of	 9,024.76	 8,139.54	 7,422.41	 7,536.12	 7,453.81	
Moon Valley Nursery of California, Inc.	9,024.70	0,139.34		7,330.12	29.84	
Munoz, Ralph	1.61	1.25	2.69	2.51	2.42	
Puente Basin Water Agency				615.99	1,803.95	
Rowland Water District	76.21	66.45	6.86	58.29	30.72	
Rurban Homes Mutual Water Co.	224.19	173.90	141.36	143.98	184.14	
San Gabriel Country Club	308.07	257.43	262.72	272.07	257.26	
San Gabriel County Water District	5,822.24	5,202.82	4,633.76	5,261.75	5,451.14	
San Gabriel Valley Water Co.	40,238.32 10.29	34,337.66 6.41	28,043.66 4.57	29,627.89 0.00	31,036.73 0.00	
Sierra La Verne Country Club Sierra Madre, City of	0.06	0.41	0.00	0.00	0.00	
S. L. S. & N. Inc.	11.37	11.18	13.98	25.79	28.48	
Sonoco Products Co.	195.29	141.80	88.84	69.42	71.56	
Southern California Edison Co.	1.63	0.39	0.62	0.10	0.27	
South Pasadena, City of	4,461.00	3,709.98	3,302.68	3,451.14	2,620.36	
Sterling Mutual Water Co.	115.87	113.34	100.31	86.77	105.48	
Suburban Water Systems	34,134.93	24,964.88	24,827.77	28,526.47	29,046.97	
Sunny Slope Water Co.	2,642.07	2,237.05	1,999.74	2,180.70	2,251.03	
Tran, Hieu	4.99	4.99	4.99	4.99	4.56	
United Rock Products Corp.	303.05	315.14	397.00	300.15	451.85	
Valencia Heights Water Co.	1,064.31	809.00	733.47	639.89	583.71	
Valley County Water District	8,213.99	7,195.35	6,401.62	6,875.13	7,162.02	
Valley View Mutual Water Co.	691.26	623.97	551.60	527.20	590.50	
Vietnamese American Buddhist Temple	5.44	0.82	2.93	3.27	6.37	
Vulcan Materials Co.	558.95	574.44	738.62	675.94	716.61	
Whittier, City of	4,466.35	4,792.36	3,610.47	3,564.03	3,656.01	
Workman Mill Investment Co.	629.16	513.20	363.55	0.00	0.00	
TOTALS	240,552.41	208,339.16	182,826.49	197,243.28	209,499.70	

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

^{2/} Adjusted totals due to production adjustment after publication of 2012-13 Annual Report.

^{3/} Adjusted totals due to production adjustment after publication of 2011-12 Annual Report.

SUMMARY OF REPLACEMENT WATER REQUIREMENT AND CARRYOVER RIGHTS

OF THE CITY OF ALHAMBRA

ANNUAL SUMMARY OF REPLACEMENT WATER REQUIREMENT

SUMMARY OF REPLACEMENT WATER REQUIREMENT AND CARRYOVER RIGHTS FOR FISCAL YEAR 2017-18 (ACRE-FEET)

	Fiscal Year 2017-18						
	Carryover		Replacement				
	То	Production		Water	Lost	То	
Producer Name	2017-18	Right	Production	Required	Carry-Over	2018-19	
Alhambra, City of	783.50	7,471.64	6,633.29 <u>1/</u>	1,031.63 <u>1/</u>	0.00	838.35	
Amarillo Mutual Water Co.	120.12	438.23	335.52	0.00	0.00	102.71	
Andrade, Susan	0.00	0.00 2/	0.00	0.00	0.00	0.00	
Arcadia, City of	0.00	6,346.49	12,099.83	1,252.03 <u>3/</u>	0.00	0.00	
Arcadia Reclamation, Inc.	0.00	0.00	36.43	36.43	0.00	0.00	
Azusa, City of	0.00	678.94	7,161.54	6,482.60	0.00	0.00	
Azusa Valley Water Co.	1,947.55	14,535.04	11,963.32	0.00	0.00	2,571.72	
Baker, Kathryn W.	140.79	0.00 <u>2/</u>	0.00	0.00	0.00	0.00	
Bandel Family Trust	0.00	0.00 <u>2/</u>	0.00	0.00	0.00	0.00	
Bank of America N,.A. Trustee of the	0.00	0.00 2/	0.00	0.00	0.00	0.00	
William J. Knight Living Trust UTD		_					
Banks, Gale & Vicki	20.25	58.20	31.42	0.00	0.00	26.78	
Brea, City of	0.00	0.00 2/	0.00	0.00	0.00	0.00	
Brondino, Jeanne	0.00	0.00 2/	0.00	0.00	0.00	0.00	
Cadway, Inc.	0.00	0.00 2/	0.00	0.00	0.00	0.00	
California-American Water Co.	0.00	6,205.55	6,159.45	0.00	0.00	46.10	
(Duarte)							
California-American Water Co. (San Marino)	0.00	4,298.06	6,771.32	0.00 <u>3/</u>	0.00	0.00	
California Country Club	0.00	0.00	0.00	0.00	0.00	0.00	
California Domestic Water Co.	5,469.27	16,133.61	19,902.54	0.00 <u>3/</u>	0.00	0.00	
Canyon Water Company	0.00	200.77 <u>2/</u>	0.00	0.00	0.00	200.77	
Carrier Corporation	0.00	0.00	22.44	22.44	0.00	0.00	
Chevron U.S.A.	0.00	1.52 <u>4/</u>	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	
Coiner, James W., dba Coiner Nursery	0.00	0.00	12.40	12.40	0.00	0.00	
County Sanitation District No. 18	0.00	3.42	113.94	110.52	0.00	0.00	
Covina, City of	0.00	0.00 <u>2/</u>	0.00	0.00	0.00	0.00	
Covina Irrigating Co.	6,702.22	10,597.58	6,032.42	0.00	0.00	4,565.16	
Crevolin, A. J.	0.00	1.71 <u>4/</u>	0.00	0.00	1.71	0.00	
Dawes, Mary Kay	0.00	0.00 <u>2/</u>	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.	15.22	122.26	111.00	0.00	0.00	11.26	
East Pasadena Water Co., Ltd.	0.00	1,231.06	1,570.37	339.31	0.00	0.00	
El Monte, City of	248.89	2,362.21	2,349.51	0.00	0.00	12.70	
El Monte Cemetery Assn.	0.00	0.00 <u>2/</u>	0.00	0.00	0.00	0.00	
Fox Family Trust, Michael Edward Fox and Crystal Marie Fox, Trustees	0.00	0.00 <u>2/</u>	0.00	0.00	0.00	0.00 0.00	
Ormica A and A For " To "	2.22	0.00.61	0.00	2.22	2.22	2.22	
Garnier, A. and A., Family Trust	0.00	0.00 <u>2/</u>	0.00	0.00	0.00	0.00	
Garnier, Ruth Elaine Ailor, Trust	0.00	0.00 <u>2/</u>	0.00	0.00	0.00	0.00	
Gates, James Richard	0.00	0.00	0.83 <u>4/</u>	0.00	0.00	0.00	
Glendora, City of	0.00	7,358.26	10,798.50	658.42 <u>3/</u>	0.00	0.00	
Golden State Water Company (San Dimas District)	991.11	3,100.87	2,535.78	0.00	0.00	565.09	
Golden State Water Company	0.00	5,492.27	5,423.34	0.00	0.00	68.93	
(San Gabriel Valley District)	0.00	J, 4 JZ.ZI	J, 4 23.34	0.00	0.00	00.93	

	Fiscal Year 2017-18					
	Carryover	Droduct'		Replacement	l aat	Carryover
Producer Name	To 2017-18	Production Right	Production	Water Required	Lost Carry-Over	To 2018-19
Gould Electronics Inc. and Johnson	0.00	0.00	919.03	0.00 <u>5/</u>	0.00	0.0
Controls Inc.	0.00	0.00	010.00	0.00 <u>0/</u>	0.00	0.0
Green, Walter	0.00	0.00 <u>2/</u>	0.00	0.00	0.00	0.0
Hansen, Alice	0.00	0.57	0.00 <u>4/</u>	0.00	0.57	0.0
Hanson Aggregates West, Inc.	35.43	283.22	220.73	0.00	0.00	62.4
Heinrich, Carolyn	0.00	0.00 <u>2/</u>	0.00	0.00	0.00	0.0
Hemlock Mutual Water Co.	0.00	60.99	71.82	10.83	0.00	0.0
Hermetic Seal Corporation	0.00	0.00	53.21	0.00 <u>6/</u>	0.00	0.0
Industry Waterworks System, City of	718.79	2,005.94	1,314.89	0.00	0.00	691.0
Irwindale, City of	0.00	0.00 <u>2/</u>	0.00	0.00	0.00	0.0
	0.00	0.00 <u>2</u>	0.00	0.00	0.00	0.0
JUH#1	32.00	0.00 <u>2/</u>	0.00	0.00	0.00	0.0
Kirklen, Jeffrey B.	0.00	0.00 <u>2/</u>	0.00	0.00	0.00	0.0
Landaras John	0.00	0.57.4/	0.00	0.00	0.57	0.0
Landeros, John La Puente Valley County Water District	0.00 260.43	0.57 <u>4/</u> 1.647.67	0.00 1,535.86	0.00 0.00	0.57 0.00	0.0 111.8
Los Angeles, County of	537.58	2,271.96	4,143.69 <u>7/</u>	0.00	0.00	32.4
Loucks, David	0.00	2.28 <u>4/</u>	0.00	0.00	2.28	0.0
2000.0, 20110	0.00	2.20 <u></u>	0.00	0.00	2.20	0.0
Maggiore Family Trust, The	0.00	0.00 <u>2/</u>	0.00	0.00	0.00	0.0
Martinez, Frances Mercy	0.00	0.57 <u>4/</u>	0.00	0.00	0.57	0.0
McIntyre, William	22.01	22.01	0.00	0.00	0.00	22.0
Metropolitan Water District	0.00	0.00 <u>2/</u>	0.00	0.00	0.00	0.0
Miller Coors LLC	1,589.23	2,168.94	429.44	0.00	0.00	1,739.5
Monrovia, City of	0.00	6,740.08	7,200.05	0.00 <u>3/</u>	0.00	0.0
Monterey Park, City of	0.00	5,088.24	7,453.81	2,365.57	0.00	0.0
Moon Valley Nursery of California, Inc.	0.00	0.00	29.84	29.84	0.00	0.0
Munoz, Ralph	0.00	0.00	2.42 <u>4/</u>	0.00	0.00	0.0
NCL Co, LLC	0.00	0.75	0.00	0.00	0.00	0.7
Nicholson Family Trust, The	0.00	0.00 <u>2/</u>	0.00	0.00	0.00	0.0
Nicholson Trust, The	0.00	0.00 <u>2/</u>	0.00	0.00	0.00	0.0
Nick Tomovich and Sons	0.00	0.02 <u>4/</u>	0.00	0.00	0.02	0.0
Pellissier Irrevocable QTIP Trust, et al.,	0.00	0.00 <u>2/</u>	0.00	0.00	0.00	0.0
Co-tenancy of Laurence R.		_				0.0
Phillips, Alice B., et al.	0.88	1.76	0.00	0.00	0.88	0.8
Pico County Water District	0.00	0.57 <u>2/</u>	0.00	0.00	0.57	0.0
Polopolus, et al.	0.00	0.00 <u>2/</u>	0.00	0.00	0.00	0.0
Puente Basin Water Agency	0.00	0.00	1,803.95	0.00 <u>3/</u>	0.00	0.0
D D	0.00	0.00.0/	0.00	0.00	0.00	0.6
Rados Brothers	0.00 168.00	0.00 <u>2/</u>	0.00 0.00	0.00 0.00	0.00 0.00	0.0
Rosedale, Lucy. A & Harry Edwin III, Trustees of the Harry E. Rosedale Trust	100.00	0.00 <u>2/</u>	0.00	0.00	0.00	0.0
Rosemead Development, Ltd.	0.00	0.77 <u>4/</u>	0.00	0.00	0.77	0.0
Rowland Water District	0.00	0.00	30.72	30.72	0.00	0.0
Rurban Homes Mutual Water Co.	85.16	250.43	184.14	0.00	0.00	66.2
Ruth, Roy	0.00	0.57 <u>4/</u>	0.00	0.00	0.57	0.0
San Gabriel Country Club	0.00	217.14	257.26	40.12	0.00	0.0
San Gabriel County Water District	0.00	4,345.29	5,451.14	0.00 <u>3/</u>	0.00	0.0
San Gabriel Valley Water Co.	0.00	19,598.31	31,036.73	0.00 <u>3/</u>	0.00	0.0
Sierra La Verne Country Club	0.00	0.00	0.00	0.00	0.00	0.0
Sierra Madre, City of	0.00	0.00	0.00	0.00	0.00	0.0
S.L.S. & N. Inc.	0.00	0.00	28.48	4.27 <u>8/</u>	0.00	0.0
Sonoco Products Company	15.46	76.95	71.56	0.00	0.00	5.3
Southern California Edison Co.	130.35	260.70	0.27	0.00	130.08	130.3
South Pasadena, City of	3,357.38	5,365.18	2,620.36	0.00	0.00	2,744.8
Southwest Water Company	0.00	0.00 <u>2/</u>	0.00	0.00	0.00	0.0
Sterling Mutual Water Co.	4.31	95.39	105.48	10.09	0.00	0.0
Suburban Water Systems	4,869.60	37,627.19	29,046.97	0.00	0.00	8,580.2
Sunny Slope Water Co.	0.00	1,691.55	2,251.03	0.00 <u>3/</u>	0.00	0.0

		Fiscal Year 2017-18					
Producer Name	Carryover To 2017-18	Production Right	Production	Replacement Water Required	Lost Carry-Over	Carryover To 2018-19	
	200			. toquii ou	Jun. y 2 10.	2010 10	
Tate, Phillip G. & Sieglinde A.	0.00	0.00 <u>2/</u>	0.00	0.00	0.00	0.00	
Tran, Hieu	0.00	0.00	4.56 <u>4/</u>	0.00	0.00	0.00	
Tyler Nursery	0.00	2.43 <u>4/</u>	0.00	0.00	2.43	0.00	
United Rock Products Corp.	48.65	397.45	451.85	54.40	0.00	0.00	
Valencia Heights Water Co.	0.00	305.28	583.71	0.00 <u>3/</u>	0.00	0.00	
Valley County Water District	0.00	6,858.14	7,162.02	0.00 <u>3/</u>	0.00	0.00	
Valley View Mutual Water Co.	0.00	567.54	590.50	22.96	0.00	0.00	
Vietnamese American Buddhist Temple	0.00	0.00	6.37	6.37	0.00	0.00	
Vulcan Materials Co.	326.65	825.88	716.61	0.00	0.00	109.27	
Whittier, City of	6,148.19	9,875.98	3,656.01	0.00	0.00	6,219.97	
Wilmott, Erma	0.00	0.57 <u>4/</u>	0.00	0.00	0.57	0.00	
Workman Mill Investment Co.	103.06	120.65	0.00	0.00	0.00	120.65	
TOTAL:	34,893.57	195,420.20	209,499.70	12,520.95	144.60	29,648.97	

^{1/} Computed in accordance with the Cooperative Water Exchange Agreement. See I-4.

^{2/} Transferred all production rights.

^{3/} Includes Producer Cyclic Storage Water.

^{4/} Minimal producer.

^{5/ 919.03} AF not subject to assessment.

^{6/ 53.21} AF not subject to assessment.

^{7/ 1,904.19} AF not subject to assessment.

^{8/} Overlying Right. Replacement Water is 15 percent of total production.

REPLACEMENT WATER REQUIREMENT OF THE CITY OF ALHAMBRA, FISCAL YEAR 2017-18 IN ACCORDANCE WITH PARAGRAPH 19 OF THE COOPERATIVE WATER EXCHANGE AGREEMENT MAIN SAN GABRIEL BASIN DATED MARCH 24, 1975

	(Acre-feet)
Total Quantity of Groundwater Produced	6,633.29
Total Quantity of Water Delivered Through USG-5	2,987.20
Total Annual Production	9,620.49
Less: 37.4% of Quantity Through USG-5	1,117.22
Less: Share of Operating Safe Yield	7,471.64
Less: Cyclic Storage Balance	0.00
Replacement Water Requirement for Fiscal Year 2017-18	1,031.63
Carryover Rights to Fiscal Year 2018-19	838.35

SUMMARY OF ANNUAL REPLACEMENT WATER REQUIREMENT (ACRE-FEET)

	Replacement Water Re Upper San Gabriel San Gabriel Th				Producer	Total
Fiscal	Valley Municipal	Valley Municipal	Municipal		Cyclic Storage	Basin
Year	Water District	Water District	Water District	Total		Over Production
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	3,678.17	8,855.58	0.00	12,533.75	27,409.98	39,943.73
TOTALS	889,808.40	285,256.53	36,743.29	1,211,808.22	448,783.53	1,660,591.75
45-YEAR AVERAGE		6,339.03	1,312.26	26,929.07	9,972.97	
5-YEAR AVERAGE	2,947.35		0.00	8,614.98	28,153.08	
10-YEAR AVERAGE		8,852.01	275.75	16,318.98	24,566.40	40,885.38
				•	•	•

Note: The minimum and maximum values are bolded.

APPENDIX J INTERVENTIONS AFTER JUDGMENT

APPENDIX J

INTERVENTIONS AFTER JUDGMENT DURING FISCAL YEAR 2017-18

INTERVENOR	TYPE OF TRANSACTION	EFFECTIVE DATE OF ORDER OF INTERVENTION
Coiner Nursery, LLC	Intervention for the production of groundwater.	October 20, 2017
NCL Co, LLC	Intervention in the permanent transfer of water rights.	February 6, 2018
Moon Valley Nursery of California, Inc.	Intervention for the production of groundwater.	June 18, 2018
The Kathryn W. Baker Trust, dated April 20, 2018	Intervention in the permanent transfer of water rights.	August 6, 2018

APPENDIX K TRANSFERS OF ADJUDICATED RIGHTS

TRANSFERS OF ADJUDICATED RIGHTS 2017-18

	_						
			Transaction				
			- Transaction	Amount			
		Date of	Prescrip.	Pumper's	Production		
		lease	right	share	right		
<u>Transferor</u>	<u>Date</u>	expir.	(acre-feet)	(percent)	(acre-feet)		Transferee
PERMANENT TRANSFERS							
Vulcan Materials Company	08/22/17	Perm.	1.00	0.00050	0.75		NCL Co, LLC
June G. Lovelady, Trustee	05/01/18	Perm.	185.50	0.09386	281.58	1/	Kathryn W. Baker, Trustee
TEMPORARY TRANSFERS							
El Monte Cemetery Association	06/22/11	06/30/20	18.50	0.00936	14.04		California American Water Company - Duarte
Jeffery Kirklen	09/12/13	06/30/28	145.84	0.07379	110.69		California Domestic Water Company
Anton and Anita Garnier Family Trust	03/11/15	06/30/19	214.30	0.10843	162.65		East Pasadena Water Company
The Maggiore Family 2. Trust	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	07/07/15	06/30/20	145.83	0.07378	110.67		California Domestic Water Company
Hemlock Mutual Water Company	04/18/17	06/30/18			65.00		California Domestic Water Company
Mary Kay Dawes (Partridge)	06/01/17	06/30/18			335.39		La Puente Valley County Water District
JUH1	06/19/17	06/30/18			64.00	3/	Canyon Water Company
City of Covina	06/21/17	06/30/18			359.69		Covina Irrigating Company
Vulcan Materials Company	07/19/17	06/30/18			91.12		City of Azusa
Vulcan Materials Company	09/07/17	06/30/18			770.00		NCL Co, LLC
The Nicholson Trust	09/20/17	06/30/18			18.23		San Gabriel Valley Water Company
The Nicholson Family Trust	09/20/17	06/30/18			5.31		San Gabriel Valley Water Company
Susan Andrade	10/09/17	06/30/18			6.35		San Gabriel Valley Water Company
Rados Brothers	10/13/17	06/30/18			32.64		San Gabriel Valley Water Company
Jeanne Brondino	10/17/17	06/30/18			19.04		San Gabriel Valley Water Company

TRANSFERS OF ADJUDICATED RIGHTS 2017-18

	1					
			Transaction			
			Transastion	Amount		
<u>Transferor</u>	<u>Date</u>	Date of lease expir.	Prescrip. pumping right (acre-feet)	Pumper's share (percent)	Production right (acre-feet)	<u>Transferee</u>
Rosedale, Lucy A. and Harry Edwin III, Trustees of the Harry E. Rosedale Trust	10/25/17	06/30/18			336.00 4/	Canyon Water Company
NCL Co, LLC	11/27/17	06/30/18			770.00	Vulcan Materials Company
Vulcan Materials Company	11/27/17	06/30/18			770.00	San Gabriel Valley Water Company
Covina Irrigating Company	11/30/17	06/30/18			800.00	Canyon Water Company
Canyon Water Company	11/30/17	06/30/18			1,000.00	La Puente Valley County Water District
Covina Irrigating Company	12/06/17	06/30/18			1,317.00	Suburban Water Systems
La Puente Valley County Water District	12/11/17	06/30/18			150.00	Valley County Water District
Cadway, Inc.	12/12/17	06/30/18			488.18	California Domestic Water Company
Co-Tenancy of Laurence R. Pellissier Irrevocable Trust, et al	12/12/17	06/30/18			2,462.88	California Domestic Water Company
Valencia Heights Water Company	12/18/17	06/30/18			400.00	Covina Irrigating Company
La Puente Valley County Water District	12/22/17	06/30/18			450.00	City of Industry
California Domestic Water Company	12/22/17	06/30/18			5,000.00	Suburban Water Systems
La Puente Valley County Water District	01/18/18	06/30/18			250.00	San Gabriel County Water District
Covina Irrigating Company	01/24/18	06/30/18			912.00	Suburban Water Systems
Ruth Elaine Ailor Garnier Trust	02/17/18	06/30/18	-		31.65	Suburban Water Systems
Bank of America N.A. Trustee of the William J. Knight Living Trust UTD	02/20/18	06/30/18			172.95	California Domestic Water Company
Covina Irrigating Company	03/01/18	06/30/18			734.00	Suburban Water Systems
Walter Green	03/19/18	06/30/18			54.42	California Domestic Water Company
Covina Irrigating Company	03/23/18	06/30/18			1,962.00	Suburban Water Systems

TRANSFERS OF ADJUDICATED RIGHTS 2017-18

			Transaction Amount			
<u>Transferor</u>	<u>Date</u>	Date of lease expir.	Prescrip. pumping right (acre-feet)	Pumper's share (percent)	Production right (acre-feet)	<u>Transferee</u>
Co-Tenancy of Laurence R. Pellissier Irrevocable Trust, et al	03/26/18	06/30/18			2,462.88	Covina Irrigating Company
Phillip G. & Sieglinde A. Tate, Trustees of the Tate Family Trust	03/26/18	06/30/18			43.89	La Puente Valley County Water District
Covina Irrigating Company	04/10/18	06/30/18			1,280.00	Suburban Water Systems
The Bandel Family Trust	04/13/18	06/30/18			12.68	Suburban Water Systems
City of Brea	04/16/18	06/30/18	1,502.72	0.76035	1,140.53	California Domestic Water Company
Carolyn Heinrich	04/17/18	06/30/18			19.04	San Gabriel Valley Water Company
Amarillo Mutual Water Company	04/19/18	06/30/18			100.00	Valley View Mutual Water Company
Southwest Water Company	04/20/18	06/30/18			89.94	Suburban Water Systems
City of Whittier	04/23/18	06/30/18			2,000.00	Suburban Water Systems
Azusa Valley Water Company	05/02/18	06/30/18			1,200.00	Valley County Water District
Azusa Valley Water Company	05/03/18	06/30/18			1,000.00	City of Monrovia
Amarillo Mutual Water Company	05/18/18	06/30/18			120.00	San Gabriel Valley Water Company
Workman Mill Investment Company	05/22/18	06/30/18			1,300.00	San Gabriel Valley Water Company
County of Los Angeles	05/23/18	06/30/18			1,400.00	San Gabriel Valley Water Company
Kathryn W. Baker, Trustee	05/23/18	06/30/18			281.58 5	/ San Gabriel Valley Water Company
Valencia Heights Water	05/23/18	06/30/18			100.00	Covina Irrigating Company
Company Golden State Water Company - San Dimas	05/25/18	06/30/18			1,000.00	Golden State Water Company - San Gabriel
City of Irwindale	06/04/18	06/30/18			285.38	Valley County Water District
Del Rio Mutual Water Company	06/06/18	06/30/18			44.00	California Domestic Water Company

TRANSFERS OF ADJUDICATED RIGHTS 2017-18

			Transaction			
				Amount		
			Prescrip.			
		Date of	pumping	Pumper's	Production	
		lease	right	share	right	
<u>Transferor</u>	<u>Date</u>	expir.	(acre-feet)	(percent)	(acre-feet)	<u>Transferee</u>
City of South Pasadena	06/07/18	06/30/18			700.00	Valley County Water District
California American Water Company - San Marino	06/12/18	06/30/18	-		1,750.00	California American Water Company - Duarte
Metropolitan Water District of Southern California	06/12/18	06/30/18	-		134.83 6/	San Gabriel Valley Water Company
William McIntyre	06/18/18	06/30/18			22.01	Covina Irrigating Company
Sonoco Products Company	06/27/18	06/30/18			175.00	California Domestic Water Company
Hanson Aggregates West, Inc.	06/27/18	06/30/18			1,508.62	California Domestic Water Company
MillerCoors LLC	07/12/18	06/30/18			1,221.00	Azusa Valley Water Company
Polopolus, et al	07/23/18	06/30/18	-		17.07	San Gabriel Valley Water Company
City of Whittier	07/23/18	06/30/18			550.00	Suburban Water Systems

Notes:

^{1/} Includes 140.79 AF of carryover rights.

^{2/} 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.

^{3/} Includes 32 AF of carryover rights.

^{4/} Includes 168 AF of carryover rights.

^{5/} Includes 140.79 AF of carryover rights.

^{6/} Includes 9.59 AF of Diversion Component

APPENDIX L

BASE ANNUAL DIVERSION RIGHTS OF CERTAIN DIVERTERS

RIGHTS AND PUMPER'S SHARE OF EACH PUMPER

PRODUCTION RIGHT OF EACH INTEGRATED PRODUCER

CONSUMPTIVE USE
PORTIONS OF PRODUCERS WITH
OVERLYING RIGHTS

APPENDIX L

EXHIBIT "C" OF JUDGMENT

TABLE SHOWING BASE ANNUAL DIVERSION RIGHTS OF CERTAIN DIVERTERS AS OF JUNE 30, 2018

	BASE ANNUAL DIVERSION RIGHT
DIVERTER	(ACRE-FEET)
Aqua Capital Management LP ¹	
(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	

DIVERTER	BASE ANNUAL DIVERSION RIGHT (ACRE-FEET)
Ruebhausen, Arline	18.34
(Held in common with Ruebhausen, Victor)	
(Transferred to City of Glendora) ²	<u>-18.34</u>
	0.00
Ruebhausen, Victor (See Reubhausen, Arline)	
San Gabriel Valley Water Company	
(Successor to Maddock, A.G.) ²	3.40
TOTAL	<u>3.40</u>

APPENDIX L

EXHIBIT "D" OF JUDGMENT

TABLE SHOWING RIGHTS AND PUMPER'S SHARE OF EACH PUMPER AS OF JUNE 30, 2018

	PRESCRIPTIVE PUMPING RIGHT	PUMPER'S SHARE
PUMPER	ACRE-FEET	%
6W Farms, Inc.	1,217.40	0.61599
(Formerly Woodland Farms, Inc.)	.,	0.0.000
(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
Adams Ranch Mutual Water Company	100.00	0.05060
(Transferred to California American Water Co San Marino	<u>-100.00</u>	-0.05060
System) ²	<u>-100.00</u> 0.00	<u>-0.03000</u> 0.0000
-,,		
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	742.00	0.37544
Cement Company) ²		
(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

	PRESCRIPTIVE	PUMPER'S
	PUMPING RIGHT	SHARE
PUMPER	ACRE-FEET	%
4		
Anderson Family Marital Trust ¹		
(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, Ray ¹		
(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>
(Transferred to Anderson, Ray E. and Fleion 1.)	0.00	0.00000
	0.00	0.0000
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>	-0.02538
	0.00	0.00000
Andreda Massria and Canavala, and Andreda Dahart		
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>	-0.00423
(Transierred to odsafr Andrade)	<u>-0.00</u> 0.00	0.00000
	0.00	0.0000
Andrade, Susan ¹		
(Successor to Andrade, Macario and Consuelo;		
and Andrade, Robert and Jayne) ²	<u>8.36</u>	0.00423
• •	8.36	0.00423
Aqua Capital Management LP ¹		
(Successor to:	40.40	0.00000
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:	4074.00	0.54074
California Domestic Water Company) ²	<u>-1074.60</u>	<u>-0.54374</u>
	0.00	0.00000

		DDE0.0DIDE0./E	2111125212
		PRESCRIPTIVE	PUMPER'S
		PUMPING RIGHT	SHARE
PUMPER		ACRE-FEET	%
Arcadia, City of	0	9,252.00	4.68137
(Successor to First National Finance Corporation	1)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		<u>-16.50</u>	<u>-0.00335</u>
Edison Company) ²		0.00	0.00000
AZ-Two, Inc. ¹			
(See Southdown, Inc.)			
(Coo Codulidowii, ilio.)			
Azusa Associates, LLC ¹			
(Successor to Snyder, Esther) ²		18.51	0.00937
(Transferred to Aqua Capital Management LP) ²		<u>-18.51</u>	-0.00937
(Transferred to Aqua Suprial Management El)		0.00	0.00000
		0.00	0.0000
Azusa-Western Inc.		742.00	0.37544
(Transferred to Southwestern Portland Cement C	Co.) ²	-742.00	-0.37544
`	,	0.00	0.00000
Bahnsen & Beckman Ind., Inc.		840.50	0.42528
(Transferred to Woodland, Richard) ²			
(Transferred to Woodiand, Richard)		<u>-840.50</u> 0.00	<u>-0.42528</u> 0.00000
		0.00	0.00000
Bahnsen, Betty M.		441.90	0.22359
(Transferred to Dawes, Mary Kay) ²		<u>-441.90</u>	-0.22359
		0.00	0.00000
Baker Trust, The Kathryn W. ¹			
_		40F F0	0.00206
(Successor to Lovelady, June G., Trustee) ²		<u>185.50</u>	<u>0.09386</u>
		185.50	0.09386
Baldwin Park County Water District			
-			
(See Valley County Water District)			
Bandel Family Trust ¹			
(Successor to Garnier, Camille A, Deceased,		16 70	0 00845
Estate of) ²		<u>16.70</u> 16.70	0.00845 0.00845
Estate of		10.70	0.00043
See Page L-41 for Footnotes	L5 of 41	Exhibit "C, D, E, K	of Judgment
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	PRESCRIPTIVE	PUMPER'S
	PUMPING RIGHT	SHARE
PUMPER	ACRE-FEET	%
Banks, Gale C. and Vicki Lynn ¹		
(Successor to Doyle, Mr. and Mrs.; and	<u>50.00</u>	0.02530
Madruga, Mr. and Mrs.) ²	<u>50.00</u>	0.02530
,		
Base Line Water Company	430.20	0.21767
(Transferred to Hughes Development Corporation) ²	<u>-430.20</u>	<u>-0.21767</u>
	0.00	0.00000
Beverly Acres Mutual Water Company		
(See Beverly Acres Mutual Water Users Association)		
Beverly Acres Mutual Water Users Association	93.00	0.04706
(Formerly Beverly Acres Mutual Water Company)	00.00	0.047 00
(Transferred to:		
San Gabriel Valley Water Company;	-50.00	-0.02530
Nicholson Trust) ²	<u>-43.00</u>	<u>-0.02176</u>
	0.00	0.00000
Disambasas Mass	0.00	0.00004
Birenbaum, Max	6.00	0.00304
(Held in common with Birenbaum, Sylvia; Schneiderman, Alan; Schneiderman, Lydia;		
Wigodsky, Bernard; Wigodsky, Estera)		
(Transferred to City of Whittier) ²	<u>-6.00</u>	-0.00304
(Transferred to only of trimustry	0.00	0.00000
Birenbaum, Sylvia		
(See Birenbaum, Max)		
Phys Diamond Consucts Materials Div. The	4 200 22	0.70004
Blue Diamond Concrete Materials Div., The Flintkote Company	1,399.33	0.70804
(Transferred to Sully-Miller Contracting Co.) ²	-1,399.33	-0.70804
(Transferred to early Willier Contracting Co.)	0.00	0.00000
Bodger & Sons DBA Bodger Seeds Ltd.	10.00	0.00506
(Transferred to Anchor Plating Co., Inc.) ²	<u>-10.00</u>	<u>-0.00506</u>
	0.00	0.00000
Potello Water Company	0.00	0.0000
Botello Water Company	0.00	0.00000
Brezina, Raymond W. and Susan W. Trust 2001 ¹		

	PRESCRIPTIVE	PUMPER'S
	PUMPING RIGHT	SHARE
PUMPER	ACRE-FEET	%
Bros. City of		
Brea, City of (Supposer to:		
(Successor to:	400.40	0.04660
California Domestic Water Company	428.12	0.21662
California Domestic Water Company) ²	<u>1,074.60</u> 1,502.72	0.54373 0.76035
	1,302.72	0.76035
Brondino, Jeanne ¹		
(Successor to Anderson Family Marital Trust) ²	<u>25.08</u>	0.01269
	25.08	0.01269
Burbank Development Company	50.85	0.02563
(Transferred to Wright, Darrell A., Wright, Merle M. &	<u>-50.85</u>	<u>-0.02563</u>
Carlson, Jeanne W.) ²	0.00	0.00000
Cadway, Inc. ¹		
(Successor to:	400.00	
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>	-0.0597 <u>6</u>
(Transferred to Suburban Water Systems)	0.00	0.00000
	0.00	0.0000
California-American Water Company	7,868.70	3.98144
(San Marino System)		
(Successor to Adams Ranch Mutual Water Company) ²	100.00	<u>0.05060</u>
	7,968.70	4.03204

	PRESCRIPTIVE	PUMPER'S
	PUMPING RIGHT	SHARE
PUMPER	ACRE-FEET	%
California Country Club ¹	0.00	0.00000
(Formerly CCC Management)		
California Domantia Water Company	11 004 00	E E7920
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	0.02130
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	0.10939
Cadway, Inc.		
Cadway, Inc. ²	129.60 63.30	0.06558
		0.03203
United Rock Products Corporation ²	450.00	0.22769
Aqua Capital Management LP ²	1,074.60	0.54374
Covina Irrigating Company ²)	203.12	0.10278
(Transferred to:	400.40	0.04000
Brea, City of ²	-428.12	-0.21662
Brea, City of ²)	<u>-1,074.60</u>	<u>-0.54373</u>
	12,294.68	6.22093
California Materials Company	0.00	0.00000
CalMat		
(Formerly Conrock Company)		
(See Vulcan Materials Company)		
(See Vulcan Materials Company)		
Cantrill Mutual Water Company	0.00	0.00000
(Transferred to California Domestic Water Company) ³		
4		
Canyon Water Company ¹		
(Successor to McIntyre, William) ²	<u>1.00</u>	<u>0.00051</u>
	1.00	0.00051
Canyon Water & Development Corporation ¹	0.00	0.00000
CCC Management ¹		
(See California Country Club)		
(COO Camorna Country Club)		

PUMPER	PRESCRIPTIVE PUMPING RIGHT ACRE-FEET	PUMPER'S SHARE %
Cedar Avenue Mutual Water Company (Transferred to San Gabriel Valley Water Company) ²	121.10 <u>-121.10</u> 0.00	0.06127 -0.06127 0.00000
CEMEX California Aggregates, Inc. ¹ (Formerly Southdown)		
Champion Mutual Water Company (Transferred to San Gabriel Valley Water Company) ²	147.68 <u>-147.68</u> 0.00	0.07472 -0.07472 0.00000
Chevron U.S.A. (Formerly Standard Oil of California)	2.00	0.00101
Chronis, Christine ¹ (See Polopolus, et al.)		
Clayton Manufacturing Company (Transferred to City of Glendora) ²	511.80 <u>-511.80</u> 0.00	0.25896 -0.25896 0.00000
Coiner, James W., dba Coiner Nursery ¹		
Coiner Nursery, LLC ¹		
Collison, E. O.	0.00	0.00000
Comby, Erma M. (See Wilmott, Erma M.)		
Conrock Company (See CalMat) (Formerly Consolidated Rock Products Co.)		
Consolidated Rock Products Co. (See Conrock Company)		

	DDECCDIDINE	DUMPERIO
	PRESCRIPTIVE	PUMPER'S
PUMPER	PUMPING RIGHT ACRE-FEET	SHARE %
POWIFER	ACRE-FEET	70
Corcoran, Jack S.	747.00	0.37797
(Held in common with Corcoran, R. L.)	7 17.00	0.01707
(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	-243.50	<u>-0.12320</u>
Sauray, meny	0.00	0.00000
Corcoran, R. L.		
(See Corcoran, Jack S.)		
County Sanitation District No. 18 of Los	4.50	0.00228
Angeles County		
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
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

PUMPER	PRESCRIPTIVE PUMPING RIGHT ACRE-FEET	PUMPER'S SHARE %
1 OWI LIX	AONE-I LE I	70
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> 0.00	<u>-0.05581</u> 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 Kay ¹	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	<u>-185.50</u>	<u>-0.09386</u>
of the June G. White share of the Garnier Trust) ²	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>	-0.02530
	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 %
FOMPER	AURL-I LL I	/6
Duhalde, L.	0.00	0.00000
(Transferred to El Monte Union High School District) ³		
Dunning, George		
(Held in common with Dunning, Vera H.)		
(Successor to Vera H. Dunning) ²	324.00	0.16394
(Transferred to Dunning Trust, George A. V.) ²	<u>-324.00</u>	<u>-0.16394</u>
	0.00	0.00000
Dunning Trust, George A. V. ¹		
(Successor to Dunning, George) ²	324.00	0.16394
(Transferred to Loyola Marymount University) ²	<u>-324.00</u>	<u>-0.16394</u>
	0.00	0.00000
Dunning, Vera H.	324.00	0.16394
(See Dunning, George)		
(Transferred to Dunning, George) ²	<u>-324.00</u>	<u>-0.16394</u>
	0.00	0.00000
Durfee Property, LLC ¹		
(Successor to Texaco, Inc.) ²	50.00	0.02530
(Transferred to San Gabriel Valley Water Company) ²	<u>-50.00</u>	<u>-0.02530</u>
	0.00	0.00000
East Pasadena Water Company, Ltd.	1,407.69	0.71227
Eckis, Rollin ¹		
(Successor to Sawpit Farms, Limited) ²	123.00	0.06224
(Transferred to City of Monrovia) ²	<u>-123.00</u>	-0.06224
	0.00	0.00000
El Encanto Properties	33.40	0.01690
(Transferred to La Puente Valley	<u>-33.40</u>	<u>-0.01690</u>
County Water District) ²	0.00	0.00000
El Monte, City of	2,784.23	1.40878
(Successor to W. E. Hall Company) ²	0.20	0.00010
	2,784.43	1.40888

	PRESCRIPTIVE PUMPING RIGHT	PUMPER'S SHARE
PUMPER	ACRE-FEET	%
-		
El Monte Cemetery Association	18.50	0.00936
El Monte Union High School District	9.80	0.00496
(Successor to Duhalde, L.) ³	6.40	0.00324
(Transferred to City of Whittier) ²	<u>-16.20</u>	<u>-0.00820</u>
	0.00	0.00000
Everett, Mrs. Alda B.	0.00	0.00000
(Held in common with Everett, W.B.,		
Executor of the Estate of I. Worth Everett)		
Everett, W.B., Executor of the Estate of		
I. Worth Everett		
(See Everett, Mrs. Alda B.)		
Faix, Incorporated	0.00	0.00000
(Successor to Frank F. Pellissier & Sons, Inc.) ³	0.00	0.0000
(Transferred to Faix, Ltd.) ³		
(1.3.1.0.0.1.0.1.0.1.0.1.0.1)		
Faix, Ltd.	6,490.00	3.28384
(Successor to Faix, Incorporated) ³		
(Transferred to Pellissier Irrevocable QTIP Trust, et al,	<u>-6,490.00</u>	<u>-3.28384</u>
Laurence R., Co-tenancy of) ²	0.00	0.00000
First National Finance Corporation	60.90	0.03081
(Transferred to City of Arcadia) ²	<u>-60.90</u>	<u>-0.03081</u>
	0.00	0.00000
Fisher, Russell	19.00	0.00961
(Held in common with Hauch, Edward and Warren, Clyde)		
(Transferred to California Domestic Water Company) ²	<u>-19.00</u>	<u>-0.00961</u>
	0.00	0.00000
Fox Family Trust Michael Edward Fox and Crystal Marie		
Fox, Trustees ¹		
(Successor to Maggiore, Valarie; Fox, Crystal; and Kirklen,	145.83	0.07378
Jeffery) ²		
Frank F. Pellissier & Sons, Inc.	0.00	0.00000
(Transferred to Faix, Incorporated) ³		
See Page L-41 for Footnotes L13 of 41	Exhibit "C, D, E, ŀ	(" of Judament
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	PRESCRIPTIVE	PUMPER'S
	PUMPING RIGHT	SHARE
PUMPER	ACRE-FEET	%
I Sim Lit	7.6.1.2.1	70
Fruit Street Water Company	207.00	0.10474
(Transferred to:		
Gifford, Brooks, Jr.,	-101.29	-0.05125
City of La Verne) ²	-105.71	-0.05349
,	0.00	0.00000
Garnier, Anton C. and Anita, Family Trust ¹		
(Successor to:		
South Covina Water Service	203.00	0.10271
Garnier, Camille A., Deceased, Estate of	8.30	0.00420
Garnier, Janus) ²	<u>3.00</u>	<u>0.00152</u>
	214.30	0.10843
Garnier, Camille A., Deceased, Estate of 1		
(Successor to South Covina Water Service) ²	83.30	0.04215
(Transferred to:		
The Ruth Elaine Ailor Garnier Trust	-41.70	-0.02110
The George Wayne and Alexis June Graveline Trust	-8.30	-0.00420
The Anton C. and Anita Garnier Family Trust	-8.30	-0.00420
Janus Garnier	-8.30	-0.00420
The Bandel Family Trust) ²	<u>-16.70</u>	<u>-0.00845</u>
	0.00	0.00000
Garnier, Janus ¹		
(Successor to :		
Garnier, Camille A. Deceased, Estate of	8.30	0.00420
South Covina Water Service) ²	203.00	0.10272
(Transferred to:	200.00	0.10272
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>
Gadway, mo.)	<u>-200.00</u> 0.00	0.00000
	0.00	0.00000
Garnier, Ruth Elaine Ailor, Trust ¹		
(Successor to Garnier, Camille A. Deceased,	<u>41.70</u>	0.02110
Estate of) ²	41.70	0.02110
Gates, James Richard ¹	0.00	0.00000

	PRESCRIPTIVE	PUMPER'S
	PUMPING RIGHT	SHARE
PUMPER	ACRE-FEET	%
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	-198.2 <u>5</u>	-0.10031
	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>	-0.05009
(Transistred to Sity of Gioridora)	0.00	0.00000
	0.00	0.0000
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.	<u></u>	
(See Covell, et al.)		
(See Sovell, 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		
(Transferred interest in Coveil et al. to Jobe, Dair)		
Graveline, George Wayne and Alexis June, Trust ¹		
(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

	PRESCRIPTIVE PUMPING RIGHT	PUMPER'S SHARE
PUMPER	ACRE-FEET	SHARE %
Croop Wolton	74 70	0.02629
Green, Walter	71.70	0.03628
Grizzle, Lissa B.	184.00	0.09310
(Held in common with Grizzle, Mervin A.;		
Wilson, Harold R.; Wilson, Sarah C.)	104.00	0.00240
(Transferred to City of Whittier) ²	<u>-184.00</u> 0.00	<u>-0.09310</u> 0.00000
	5.50	
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	489.77	0.92312 0.24782
cany miner contracting company)	2,314.17	1.17094
Hartley, David ¹		
Hauch, Edward		
(See Fisher, Russell)		
Hainwich Canalum ¹		
Heinrich, Carolyn ¹ (Successor to Anderson Family Marital Trust) ²	<u>25.08</u>	<u>0.01269</u>
(Cubobbot to / Wabibot Farmy Marital Fract)	<u>25.08</u>	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 Corporation ¹ (Suggester to Recording Weter Company) ²	420.20	0.24767
(Successor to Base Line Water Company) ² (Transferred to:	430.20	0.21767
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

	PRESCRIPTIVE PUMPING RIGHT	PUMPER'S SHARE
PUMPER	ACRE-FEET	%
Hunter, Lloyd F. ¹		
(Successor to Wade, R.) ²	4.40	0.00223
(Transferred to Covina Irrigating Company) ²	<u>-4.40</u>	-0.00223
	0.00	0.00000
Hydro-Conduit Corporation	0.00	0.00000
Industry Waterworks System, City of ¹		
(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 of ¹		
(Successor to United Concrete Pipe Corporation) ²	276.00	0.10025
(Successor to Office Concrete Pipe Corporation)	<u>376.00</u> 376.00	<u>0.19025</u> 0.19025
J. F. Isbell Estate, Inc.	8.36	0.00423
(Transferred to Andrade, Macario and	<u>-8.36</u>	<u>-0.00423</u>
Consuelo; and Andrade, Robert and Jayne) ²	0.00	0.00000
Jerris, Helen ¹		
(See Polopolus, et al.)		
1		
Jobe, Darr ¹		
(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 Siegling	de A.) ²	
	,	
Kirklen Family Trust ¹	375.00	0.18974
(Formerly Kirklen, Dawn L.)		
(Held in common with Kirklen, William R.)		

	PRESCRIPTIVE	PUMPER'S
	PUMPING RIGHT	SHARE
PUMPER	ACRE-FEET	%
(Successor to San Dimas-La Verne	62.50	0.03162
Recreational Facilities Authority) ²	02.00	0.00.00
(Transferred to		
Maggiore, Valarie; Fox, Crystal; and Kirklen, Jeffery) ²	<u>-437.50</u>	-0.22136
	0.00	0.00000
Kirklen, Dawn L.		
(See Kirklen Family Trust)		
Kirklen, Jeffery ¹	145.84	0.07379
(Successor to Maggiore, Valarie; Fox, Crystal; and Kirklen, Jeffery) ²	
	,	
Kirklen, William R.		
(See Kirklen, Dawn L.)		
Kiyan Farms	30.00	0.01518
(Formerly Kiyan, Hideo)		
(Transferred to West Covina Venture, Ltd.) ²	<u>-30.00</u>	<u>-0.01518</u>
	0.00	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	227.88	0.11530
(Transferred to Knight, William) ²	<u>-227.88</u>	<u>-0.11530</u>
	0.00	0.00000
Knight, William	227.88	0.11530
(Transferred to Knight, Kathryn M.) ²	-227.88	-0.11530
(Successor to Knight, Kathryn M.) ²	227.88	0.11530
(Transferred to Knight, William J., Living Trust) ²	<u>-227.88</u>	<u>-0.11530</u>
	0.00	0.00000
Knight, William J., Living Trust ¹		
(Successor to Knight, William)	227.88	0.11530

		PRESCRIPTIVE	PUMPER'S
		PUMPING RIGHT	SHARE
PUMPER		ACRE-FEET	%
Lakin, Kelly R. ¹			
(See Covell, et al.)			
(Successor to Covell, et al.) ²		9.26	0.00468
(Transferred to:		0.20	0.00100
Covina Irrigating Co.		-6.03	-0.00305
Covina Irrigating Co.) ²		<u>-3.23</u>	<u>-0.00163</u>
g g ,		0.00	0.00000
Lakin Kandall D ¹			
Lakin, Kendall R. ¹			
(See Covell, et al.)			
Landeros, John		0.75	0.00038
La Grande Source Water Company		0.00	0.00000
(Transferred to Suburban Water Systems) ³			
Lang, Frank		0.00	0.00000
(Transferred to San Dimas-La Verne			
Recreational Facilities Authority) ³			
La Ruenta Cooperativa Water Co		0.00	0.00000
La Puente Cooperative Water Co. (Transferred to Suburban Water Systems) ³		0.00	0.00000
(Transferred to Suburban Water Systems)			
La Puente Valley County Water District		1,097.00	0.55507
(Successor to El Encanto Properties) ²		<u>33.40</u>	<u>0.01690</u>
		1,130.40	0.57197
La Verne, City of		250.00	0.12650
(Successor to Fruit Street Water Co.) ²		105.71	0.05349
(Transferred to Covina Irrigating Co.) ²		<u>-355.71</u>	<u>-0.17999</u>
,		0.00	0.00000
Los Davi M. and Duth A.		0.00	0.00000
Lee, Paul M. and Ruth A.; Nasmyth, Virginia; Nasmyth, John ¹		0.00	0.00000
,,,,,,,			
Little John Dairy		0.00	0.00000
Livingston-Graham, Inc.		1,824.40	0.92312
(Transferred to Hanson Aggregates West, Inc.) ²	!	<u>-1,824.40</u>	<u>-0.92312</u>
(0.00	0.00000
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	PRESCRIPTIVE	PUMPER'S
	PUMPING RIGHT	SHARE
PUMPER	ACRE-FEET	%
T OWN LIX	AOILLIEI	70
Los Flores Mutual Water Company	26.60	0.01346
(Transferred to City of Monterey Park) ²	<u>-26.60</u>	<u>-0.01346</u>
(Transferred to Oity of Workerey Fark)	0.00	0.0000
	0.00	0.0000
Loucks, David	3.00	0.00152
Lovelady, June G., Trustee ¹		
(Successor to White, June G., Trustee of the	185.50	0.09386
June G. White Share of the Garnier Trust) ²		
(Transferred to The Kathryn W. Baker Trust) ²	<u>-185.50</u>	<u>-0.09386</u>
	0.00	0.00000
Loyola Marymount University ¹		
(Successor to George A.V. Dunning Trust) ²	324.00	0.16394
(Transferred to City of Glendora) ²	<u>-324.00</u>	<u>-0.16394</u>
	0.00	0.00000
Maggiore Family Trust, The ¹		
(Successor to Maggiore, Valarie) ²	145.83	0.07379
(Successor to Maggiore, Valarie)	145.05	0.07379
Maggiore, Valarie ¹		
(Successor to Maggiore, Valarie; Fox, Crystal; and Kirklen,	145.83	0.07379
$(\text{effrey})^2$		0.0.0.0
(Transferred to Maggiore Family Trust, The) ²	<u>-145.83</u>	<u>-0.07379</u>
, , ,	0.00	0.00000
Maggiore, Valarie; Fox, Crystal; and Kirklen, Jeffery ¹		
(Successor to Kirklen Family Trust) ²	437.50	0.22136
(Transferred to:		
(Maggiore, Valarie;	-145.83	-0.07379
Kirklen, Jeffrey;	-145.84	-0.07379
Fox Family Trust, Michael Edward Fox	<u>-145.83</u>	<u>-0.07378</u>
and Crystal Marie Fox, Trustees) ²	0.00	0.00000
M . D D . O . O	222.22	0.40500
Manning Bros. Rock & Sand Co.	328.00	0.16596
(Transferred to Conrock Company) ²	<u>-328.00</u>	<u>-0.16596</u>
	0.00	0.00000

	DDESCRIPTIVE	DUMDED:0
	PRESCRIPTIVE	PUMPER'S
PUMPER	PUMPING RIGHT ACRE-FEET	SHARE %
POWIFER	AURE-FEET	/0
Maple Water Company	118.50	0.05996
(Transferred to Southwest Water Co.) ²		
(Transferred to Southwest Water Co.)	<u>-118.50</u> 0.00	<u>-0.05996</u> 0.0000
	0.00	0.00000
Martinez, Frances Mercy	0.75	0.00038
(Held in common with Martinez, Jaime)		
(Hold III common Man Man and 2, canno)		
Martinez, Jaime		
(See Martinez, Frances Mercy)		
•		
Massey-Ferguson Company	0.00	0.00000
McIntyre, William ¹		
(Successor to West Covina Venture, Ltd.) ²	30.00	0.01518
(Transferred to Canyon Water Company) ²	<u>-1.00</u>	<u>-0.00051</u>
	29.00	0.01467
Miller Brewing Company	111.01	0.05617
(Successor to:		
Maechtlen, Estate of J.J.	151.50	0.07666
Phillips, Alice B., et al.	50.00	0.02530
South Covina Water Service	300.00	0.15180
Woodland Farms	919.50	0.46526
Woodland, Richard) ²	840.50	0.42528
(Transferred to Miller Breweries West, L.P.) ²	<u>-2,372.51</u>	<u>-1.20047</u>
	0.00	0.00000
Miller Breweries West, L.P. ¹		
(Successor to Miller Brewing Company) ²	2,372.51	1.20047
(Transferred to MillerCoors LLC) ²	<u>-2,372.51</u>	<u>-1.20047</u>
	0.00	0.00000
M::::0 11 0 ¹		
MillerCoors LLC ¹	0.070.54	4 000 47
(Successor to Miller Breweries West, L.P.) ²	2,372.51	1.20047
Mission Gardens Mutual Water Company	96.96	0.04906
(Transferred to Gifford, Brooks, Jr.) ²	<u>-96.96</u>	<u>-0.04906</u>
(0.00	0.00000

	PRESCRIPTIVE	PUMPER'S
	PUMPING RIGHT	SHARE
PUMPER	ACRE-FEET	SHARE %
PUWPER	ACKE-FEET	70
Madawa Assaut Companying		
Modern Accent Corporation	056.06	0.40007
(Successor to Crocker National Bank,	256.86	0.12997
Executor of the Estate of A. V. Handorf) ³	056.06	0.42007
(Transferred to California Domestic Water Co.) ²	<u>-256.86</u> 0.00	<u>-0.12997</u> 0.00000
	0.00	0.0000
Monterey Park, City of	6,677.48	3.37870
(Successor to Los Flores Mutual Water Co.) ²	•	
(Successor to Los Flores Mutual Water Co.)	<u>26.60</u> 6,704.08	<u>0.01346</u> 3.39216
	6,704.06	3.39210
Moon Valley Nursery of California, Inc ¹		
woon valley Nursely of Camornia, inc		
Munoz, Ralph ¹		
mulioz, Kulpii		
Murphy Ranch Mutual Water Company	223.23	0.11295
(Transferred to Southwest Suburban Water) ²	-223.23	<u>-0.11295</u>
(Transierred to Coulinwest Suburbail Water)	0.00	0.0000
	0.00	0.00000
Namimatsu Farms	196.00	0.09917
(Transferred to California Cities Water Co.) ²	-196.00	-0.09917
(Transferred to Camerina Class Water Co.)	0.00	0.00000
NCL Co., LLC ¹	0.00	0.0000
(Successor to Vulcan Materials Company) ²	1.00	0.00050
(Cassesser to Valsari Materials Company)	1.00	0.00050
		0.0000
Nick Tomovich & Sons	0.02	0.00001
Nicholson Trust ¹		
(Successor to Beverly Acres	43.00	0.02176
Mutual Water Users Association) ²		
(Transferred to:		
Nicholson Family Trust	-7.00	-0.00354
Nicholson Trust, Helene S.) ²	<u>-12.00</u>	-0.00607
,	24.00	0.01215
		- - -
Nicholson Family Trust ¹		
(Successor to Nicholson Trust) ²	7.00	0.00354
	7.00	0.00354
	-	

	PRESCRIPTIVE	PUMPER'S
	PUMPING RIGHT	SHARE
PUMPER	ACRE-FEET	%
N		
Nicholson Trust, Helene S. ¹	40.00	
(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
Nila, Mimi; Successor Trustee of the Lillian Goedert		
Living Trust ¹		
(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 Products ¹		
(Successor to Owl Rock Products Co.) ²	715.60	0.36208
(Transferred to Robertson's Ready Mix, Ltd.) ²	<u>-715.60</u>	-0.36208
	0.00	0.00000
	0.4.70	
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 Association ¹	0.00	0.00000
Owl Rock Products Co.	715.60	0.36208
(Transferred to New Owl Rock Products) ²	-715.60	-0.36208
(**************************************	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
Pauls Water Company	104.04	0.00244
Park Water Company (Transferred to Valley County Water District) ²	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 Trust ¹	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

		DDECCDIDEN/E	DUMPERIO
		PRESCRIPTIVE	PUMPER'S
PUMPER		PUMPING RIGHT ACRE-FEET	SHARE %
		ACRE-FEET	/0
Pellissier Irrevocable QTIP Trust, et al, Laurence R., Co-tenancy of ¹			
_ ⁻		6 400 00	2 20204
(Successor to Faix, Ltd) ²		6,490.00	3.28384
		6,490.00	3.28384
Penn, Margaret ¹			
(See Polopolus, et al.)			
(000 : 0.0 p 0.0.0, 00 0)			
Pico County Water District		0.75	0.00038
Palamatus, Jahm ¹			
Polopolus, John ¹			
(See Polopolus, et al.)			
Polopolus, et al. ¹			
(Successor to Polopolus, Steve) ²		<u>22.50</u>	0.01138
(Held in common with Chronis, Christine;		22.50	0.01138
Jerris, Helen; Penn, Margaret; Polopolus, John	1)		0.01.00
terns, ricien, remin, margaret, redepotas, terns	'')		
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		40.00	0.02170
and Rados, Walter)			
and reados, waiter)			
Rados, Stephen			
(See Rados, Alexander)			
Rados, Walter			
(See Rados, Alexander)			
Richwood Mutual Water Company		192.60	0.09745
(Transferred to San Gabriel Valley Water Comp	any) ²	-192.60	<u>-0.09745</u>
(Transierred to Sair Cabrier Valley Water Comp.	arry)	<u>-192.00</u> 0.00	0.0000
		0.00	0.0000
Rincon Ditch Company		628.00	0.31776
(Transferred to Workman Mill		<u>-628.00</u>	<u>-0.31776</u>
Investment Company) ²		0.00	0.00000
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See Page L-41 for Footnotes	L24 of 41	Exhibit "C, D, E, K	oi Juuginent

		T T	
		PRESCRIPTIVE	PUMPER'S
		PUMPING RIGHT	SHARE
PUMPER		ACRE-FEET	%
Biography Indication Comments		044.00	0.45000
Rincon Irrigation Company		314.00	0.15888
(Transferred to Workman Mill		<u>-314.00</u>	<u>-0.15888</u>
Investment Company) ²		0.00	0.00000
Rio Hondo Memorial Foundation, The ¹			
(Formerly Rose Hills Foundation, The)			
(See Rose Hills Foundation, The)			
(See Nose Fillis Foundation, The)			
Rittenhouse, Catherine		0.00	0.00000
(Transferred to Covell, Ralph) ³			
(Transferred to Corrent, Transport)			
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 Distri	ct) ²	<u>-715.60</u>	<u>-0.36208</u>
		0.00	0.00000
Rosedale, Lucy A. & Harry Edwin III, Trustees E. Rosedale Trust dated May 24, 1985 ¹	of the Harry	0.00	0.00000
Rose Hills Memorial Park Association			
(See Rose Hills Foundation, The)			
Rose Hills Foundation, The ¹			
(Formerly Rose Hills Memorial Park Association	1		
(See Rio Hondo Memorial Foundation, The))		
,	. \	E04.00	0.20055
(Formerly Rio Hondo Memorial Foundation, The	;)	594.00	0.30055
(Successor to Pacific Rock & Gravel Co.) ²		200.00	0.10120
(Transferred to:		504.00	0.00055
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		1 00	0.00051
(Odooessor to monipson, Lan vv.)		<u>1.00</u> 1.00	0.00051 0.00051
		1.00	0.00031
Rurban Homes Mutual Water Company		217.76	0.11018
Coo Dogo L 44 for Footrates	LOE -£ 44		laf ludava av t
See Page L-41 for Footnotes	L25 of 41	Exhibit "C, D, E, K	or Juagment

	PRESCRIPTIVE	PUMPER'S
	PUMPING RIGHT	SHARE
PUMPER	ACRE-FEET	%
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 (Successor to:	4,250.00	2.15044
Hughes Development Corporation	400.00	0.20239
Hughes Development Corporation	30.20	0.01528
Robertson's Ready Mix, Ltd.) ²	715.60	<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
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	<u>2.26</u>	<u>0.00114</u>
	20,383.79	10.31388

	PRESCRIPTIVE	PUMPER'S
	PUMPING RIGHT	SHARE
PUMPER	ACRE-FEET	%
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
Calmaidamean Alam		
Schneiderman, Alan		
(See Birenbaum, Max)		
Schneiderman, Lydia		
(See Birenbaum, Max)		
(GGG Birdibaam, Max)		
Security Pacific National Bank,	38.70	0.01958
Co-trustee for the Estate of Winston F. Stoody		
(See Stoody, Virginia A.)		
(Transferred to City of Whittier) ²	<u>-38.70</u>	<u>-0.01958</u>
,	0.00	0.00000
Sierra La Verne Country Club ¹	0.00	0.00000
Sierra Madre, City of	0.00	0.00000
Slean Banches	120.60	0.06559
Sloan Ranches	129.60	0.06558
(Transferred to Cadway, Inc.) ²	<u>-129.60</u>	<u>-0.06558</u> 0.0000
	0.00	0.00000
Smith, Charles ³	0.00	0.00000
	0.00	0.0000
Snyder, Esther ¹		
(Successor to Covell, et al) ²	18.51	0.00937
(Transfered to Azusa Associates, LLC) ²	<u>-18.51</u>	-0.00937
	0.00	0.00000
Snyder, Harry		
(See Covell, et al.)		
Sonoco Products Company	311.60	0.15766

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	PRESCRIPTIVE	PUMPER'S SHARE
PUMPER	PUMPING RIGHT ACRE-FEET	SHARE %
P OWIT LIX	ACILLI LLI	70
South Covina Water Service	992.30	0.50209
(Transferred to:	332.00	0.50205
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	-203.00	<u>-0.10272</u>
Garrior, barras)	0.00	0.00000
	0.00	0.0000
Southdown, Inc. ¹		
(Formerly AZ-Two, Inc.)		
(See CEMEX California Aggregates, Inc.)		
(COO OLIMEX Gamornia Aggrogatos, mo.)		
Southern California Edison Company	155.25	0.07855
(Successor to Associated		
Southern Investment Company) ²	16.50	0.00835
	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 Company ¹		
(Successor to Maple Water Company) ²	<u>118.50</u>	0.05996
	118.50	0.05996
Southwestern Portland Cement Company ¹		
(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.)		

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Exhibit "C, D, E, K" of Judgment

PUMPER	PRESCRIPTIVE PUMPING RIGHT ACRE-FEET	PUMPER'S SHARE %
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)		
Suburban Water Systems (Formerly Southwest Suburban Water) (Successor to:	20,462.47	10.35370
Hollenbeck Street Water Company ³ La Grande Source Water Company ³ La Puente Cooperative Water Co. ³ Valencia Valley Water Company ³ Victoria Mutual Water Company ³ Cal Fin ² Murphy Ranch Mutual Water Co. ²)	646.39 1,078.00 1,210.90 651.50 469.60 118.10 223.23 24,860.19	0.32706 0.54545 0.61270 0.32965 0.23761 0.05976 0.11295 12.57888
Sully-Miller Contracting Company ¹ (Successor to Blue Diamond Concrete Materials Div., The Flintkote Company) ² (Transferred to: United Rock Products Corporation Hanson Aggregates West, Inc.) ²	1,399.33 -909.56 <u>-489.77</u> 0.00	0.70804 -0.46022 <u>-0.24782</u> 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 (Successor to Covell, et al.) ²	57.83	0.02926
(Transferred to Tate, Phillip G. and Sieglinde A., Trustees of the Tate Family Trust) ²	<u>-57.83</u> 0.00	<u>-0.02926</u> 0.00
Tate, Phillip G. and Sieglinde A., Trustees of the Tate Family Trust ¹	00	0.0000
(Successor to Tate, Phillip G, and Sieglinde A.) ²	57.83	0.02926

PUMPER	PRESCRIPTIVE PUMPING RIGHT ACRE-FEET	PUMPER'S SHARE %
		<u></u>
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.)		
Tran, Hieu ¹		
Tyler Nursery	3.21	0.00162
United Concrete Pipe Corporation	376.00	0.19025
(Transferred to Irwindale, City of) ²	<u>-376.00</u>	<u>-0.19025</u>
	0.00	0.00000
United Rock Products Corporation ¹ (Successor to:		
Sully Miller Contracting Company) ²	909.56	0.46022
(Transferred to California Domestic Water Company) ²	<u>-450.00</u>	<u>-0.22769</u>
	459.56	0.23253
Ursey, William B. ¹		
USA Waste of California, Inc. ¹		
(Successor to American Sheds, Inc.) ²	742.00	0.37544
(Transferred to Aqua Capital Management LP) ²	<u>-742.00</u>	-0.37544
	0.00	0.00000
U.S. Pipe & Foundry Company ¹		
(See United Concrete Pipe Corporation)		

	PRESCRIPTIVE	PUMPER'S
	PUMPING RIGHT	SHARE
PUMPER	ACRE-FEET	%
	· ·	
Valencia Heights Water Company	861.00	0.43565
(Successor to Crown City Plating Company) ²	200.00	<u>0.10120</u>
	1,061.00	0.53685
Valencia Valley Water Company	0.00	0.00000
(Transferred to Suburban Water Systems) ³		
Vallecito Water Company	2,867.00	1.45066
(Transferred to San Gabriel Valley	<u>-2,867.00</u>	<u>-1.45066</u>
Water Company) ²	0.00	0.00000
Valley County Mater District	E 77E 00	2.02206
Valley County Water District	5,775.00	2.92206
(Formerly Baldwin Park County Water District) (Successor to Park Water Company) ²	104.01	0.00211
(Successor to Park Water Company)	<u>184.01</u> 5,959.01	<u>0.09311</u> 3.01517
	3,939.01	3.01317
Valley Crating Company	0.00	0.00000
tame, company		
Valley View Mutual Water Company	616.00	0.31169
Via, H.		
(See Via, H., Trust of)		
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 Congregation ¹	0.00	0.00000
Vietnamese American Buddinst Temple Congregation	0.00	0.00000
Vulcan Materials Company		
(Formerly CalMat)		
(Successor to Manning Bros. Rock & Sand Co.) ²	1,793.35	0.90740
(Transferred to NCL Co., LLC) ²	-1.00	<u>-0.00050</u>
(Transferred to NOE Go., LEG)	1,792.35	<u>-0.00030</u> 0.90690
	.,. 52.00	0.0000

PUMPER	PRESCRIPTIVE PUMPING RIGHT ACRE-FEET	PUMPER'S SHARE %
Wade, R.	4.40	0.00223
(Transferred to Hunter, Lloyd F.) ²	<u>-4.40</u>	<u>-0.00223</u>
	0.00	0.00000
Ward Duck Company		
(See Woodland Farms, Inc.)		
Warren, Clyde		
(See Fisher, Russell)		
W. E. Hall Company	0.20	0.00010
(Transferred to City of El Monte) ²	<u>-0.20</u>	<u>-0.00010</u>
	0.00	0.00000
West Covina Venture, Ltd. ¹		
(Successor to Kiyan Farms) ²	30.00	0.01518
(Transferred to McIntyre, William) ²	<u>-30.00</u>	<u>-0.01518</u>
	0.00	0.00000
White, June G., Trustee of the June G. White Share of the Garnier Trust ¹ (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 -0.09386 0.00000
Whittier, City of	7,620.23	3.85572
(Successor to:		
Grizzle, Lissa B.	184.00	0.09310
Pacific Rock and Gravel Co. Security Pacific National Bank,	208.00	0.10524
Co-trustee for the Estate of Winston F. Stoody	38.70	0.01958
El Monte Union High School District	16.20	0.00820
Gifford, Brooks, Jr.	198.25	0.10031
Birenbaum, Max) ²	<u>6.00</u>	0.00304
	8,271.38	4.18519
Wigodsky, Bernard		
(See Birenbaum, Max)		
,		

	PRESCRIPTIVE	PUMPER'S
	PUMPING RIGHT	SHARE
PUMPER	ACRE-FEET	%
Wigodsky, Estera		
(See Birenbaum, Max)		
Wilmott, Erma M.	0.75	0.00038
(Formerly Comby, Erma M.)		
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, Richard ¹		
(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 Company ¹		
(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	200.00	<u>0.10120</u>
	1,736.00	0.87839
	.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	0.0.000

PUMPER	PRESCRIPTIVE PUMPING RIGHT ACRE-FEET	PUMPER'S SHARE %
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>	-0.02563
, , , , , , , , , , , , , , , , , , , ,	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, 2018

INTEGRATED PRODUCER	DIVERSION COMPONENT ACRE-FEET	PRESCRIPTIVE PUMPING COMPONENT ACRE-FEET	PUMPING COMPONENT SHARE %
	•	•	
Aqua Capital Management LP ¹			
(Successor to:	40.00	0.00	0.00000
Susan K. Brierly Miles R. Rosedale	16.00 125.00	0.00 0.00	0.00000 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>	0.00	0.00000
	0.00	0.00	0.00000
Azusa, City of	0.00	3,655.99	1.84988
(Successor to Monrovia Nursery Company) ²	363.00	0.00	0.00000
(Transferred to Azusa Valley Water Company) ²	0.00	<u>-3,359.79</u>	-1.70000
	363.00	296.20	0.14988
Azusa Agricultural Water Company	1,000.00	1,732.20	0.87647
(Transferred to:	1,000	.,	
Azusa Valley Water Company	-830.00	-1,437.73	-0.72747
Azusa Valley Water Company) ²	-170.00	<u>-294.47</u>	-0.14900
• • • •	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:	2, .22.00	0,2	
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	<u>1.70000</u>
on, or heady	3,422.00	13,365.99	6.76299
	J,	. 5,550.00	J 0200

	DIVERSION	PRESCRIPTIVE PUMPING	PUMPING COMPONENT
	COMPONENT	COMPONENT	SHARE
INTEGRATED PRODUCER	ACRE-FEET	ACRE-FEET	%
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>	0.0000
	0.00	0.00	0.00000
California-American Water Company	1,672.00	3,649.00	1.84634
(Duarte System)			
California Cities Water Company			
(See Southern California Water			
Company, San Dimas District)			
California Domestic Water Company			
(Successor to Aqua Capital Management LP) ²	201.00		
(Transferred to Covina Irrigating Company) ²	<u>-201.00</u>		
	0.00		
Covina Irrigating Company	2,514.00	4,140.00	2.09478
(Successor to:			
City of Covina		1,734.00	0.87737
City of Covina		300.00	0.15179
Taylor Herb Garden		6.00	0.00304
La Verne, City of		355.71	0.17999
Davidson Optronics, Inc.		22.00	0.01113
Goedert, Lillian		7.00	0.00354
Lakin, Kelly R.		6.03	0.00305
Hunter, Lloyd F.		4.40	0.00223
Lakin, Kelly R.		3.23	0.00163
California Domestic Water Company) ²	203.12		
(Transferred to:			
California Domestic Water Company) ²		<u>-203.12</u>	<u>-0.10278</u>
	2,717.12	6,375.25	3.22577
CV Glendora 3 Site, LLC			
(See CV Santa Rosa Investments, LLC)			

		PRESCRIPTIVE	PUMPING
INTEGRATED DESCRIPTION	DIVERSION COMPONENT	PUMPING COMPONENT	COMPONENT SHARE
INTEGRATED PRODUCER	ACRE-FEET	ACRE-FEET	%
CV Santa Rosa Investments, LLC ¹			
(Formerly CV Glendora 3 Site, LLC)			
(Successor to:			
Rosedale, Miles R.	184.00	0.00	0.00000
Monrovia Nursery Company) ²	10.00	0.00	0.00000
(Transferred to:			
City of Glendora	-116.00	0.00	0.00000
City of Glendora) ²	<u>-78.00</u> 0.00	<u>0.00</u> 0.00	<u>0.00000</u> 0.00000
	0.00	0.00	0.00000
DeFalco, John and Carole ¹			
(Successor to Nickowitz, at al.) ²	<u>1.49</u>	0.00	0.00000
	1.49	0.00	0.00000
Glendora, City of	17.00	8,258.00	4.17842
(Successor to:		·, · · · ·	
Maechtlen, Estate of J. J.		150.00	0.07590
Maechtlen, Trust of P. A.		50.00	0.02530
Ruebhausen, Arline	18.34		
Glendora Unified High School District		99.00	0.05009
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
	223.54	3,332.00	4.73201
Golden State Water Company, San Dimas District ¹	500.00	3,242.53	1.64067
(Formerly California Cities Water Company)			
(Successor to Namimatsu Farms) ²		<u>196.00</u>	0.09917
(Subsection to Hammateu Farme)	500.00	3,438.53	1.73984
JUH#1 ¹			
(Successor to Monrovia Nursery Company) ²	48.00	0.00	0.00000
(Transferred to Miles R. Rosedale) ²	<u>-16.00</u>	0.00	0.0000
,	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	0.00	<u>-151.50</u> 0.00	<u>-0.07666</u> 0.00000
	0.00	0.00	0.0000

	DDECORPTIVE DUMPING		
	DIVERSION	PRESCRIPTIVE PUMPING	PUMPING COMPONENT
	COMPONENT	COMPONENT	SHARE
INTEGRATED PRODUCER	ACRE-FEET	ACRE-FEET	%
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>	0.00	0.00000
	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>
,, <u></u>	0.00	0.00	0.00000
The Metropolitan Water District of	9.59	165.00	0.08349
of Southern California	9.55	165.00	0.00349
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
Monrovia Nursery Company	239.50	0.00	0.00000
(Successor to Azusa Foothill	718.50	0.00	0.00000
Citrus Company) ²			
(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>	0.00000
	0.00	0.00	0.00000
Nikowitz, et al ¹			
(Successor to Maechtlen, Trust of J. J.) ²	1.49	0.00	0.00000
(Held in common with Nikowitz, Sheryl M.	0	0.00	3.00000
and Walter P.; Pellegrino, Mark and Roxanne;			
Verdegem, Thomas and Sandra B.)			
(Transferred to DeFalco, John and Carole) ²	<u>-1.49</u>	0.00	0.00000
,	0.00	0.00	0.00000

		PRESCRIPTIVE	PUMPING
	DIVERSION	PUMPING	COMPONENT
	COMPONENT	COMPONENT	SHARE
INTEGRATED PRODUCER	ACRE-FEET	ACRE-FEET	%
Otting, David; Otting, Larry; and Webster, Scott ¹			
(Successor to Maechtlen, Trust of J. J.) ²	1.49	0.00	0.00000
(Transferred to Maechtlen, Trust of J. J.) ²	-1.49	0.00	0.00000
	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	0.50	-50.00	-0.02530
(Transierred to Miller Drewing Co.)	0.50	<u>-50.00</u> 0.50	0.00025
	0.00	0.00	0.00020
Rosedale Jr., Harry E. ¹			
(Successor to Monrovia Nursery Company) ²	168.00	0.00	0.00000
(Transferred to Rosedale, Lucy A. and Harry	<u>-168.00</u>	0.00	0.00000
Edwin III, Trustees of the Harry E. Rosedale	0.00	0.00	0.00000
Trust) ²			
Rosedale, Lance ¹			
(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>	0.00	0.00000
	0.00	0.00	0.00000
Rosedale, Lucy A. and Harry Edwin III, Trustees			
of the Harry E. Rosedale Trust ¹			
(Successor to Rosedale Jr., Harry E.) ²	168.00	0.00	0.00000
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>	0.00	0.00000
	0.00	0.00	0.00000

INTEGRATED PRODUCER	DIVERSION COMPONENT ACRE-FEET	PRESCRIPTIVE PUMPING COMPONENT ACRE-FEET	PUMPING COMPONENT SHARE %
VanLandingham, Richard ¹			
(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>	0.00	0.00000
	<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

ONSUMPTIVE USE PORTIONS OF PRODUCERS WITH OVERLYING RIGHTS AS OF JUNE 30, 2018

	CONSUMPTIVE USE
	PORTION
OVERLYING PRODUCER	(ACRE-FEET)

1. Mnoian-Gifford Interests

<u>Owner</u>	Producers

Paul Mnoian¹

Brooks Gifford, Sr.¹

Brooks Gifford, Jr.¹

John Mgrdichian¹

J. Earl Garrett¹

Present User: Nu-Way Industries

3.5

Producers Under License

William C. Thomas¹

Evelyn F. Thomas¹

Malcolm K. Gatherer¹

Jacqueline Gatherer¹

Present User: B & B Red-I-Mix Concrete, Inc. 45.6

Pre-Stress Crane Rigging and Truck, Co., Inc. 1.0

50.1

2. Attalla, Phillip Y. and Mary L.1

29.9

3. Citrus Valley Medical Center, Queen of the Valley Campus.1

4.5

(Formerly Queen of the Valley Hospital.¹)

4. S.L.S & N. Inc.¹

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 PRODUCERS AND THEIR DESIGNEES

M

APPENDIX M

LIST OF ACTIVE PARTIES AND THEIR DESIGNEES June 30, 2018

ACTIVE PARTY	DESIGNEE
Alhambra, City of Amarillo Mutual Water Company Andrade, Susan Arcadia, City of Arcadia Reclamation, Inc. Azusa, City of Azusa Valley Water Company	Martin Ray Ernest Martinez Susan Andrade Tom Tait Robert Bowcock Jared Macias Jared Macias
Baker Trust, The Kathryn W. Bandel Family Trust Banks, Gale C. and Vicki L. Brea, City of Brondino, Jeanne	Kathryn W. Baker Candace Garnier Bandel Gale and Vicki Banks William Gallardo Jeanne Brondino
Cadway, Inc. California-American Water Company (Duarte System)	Lynda Noriega Tim Miller
California-American Water Company (San Marino System)	Tim Miller
California Domestic Water Company Canyon Water Company Chevron U.S.A. Citrus Valley Medical Center, Queen	Lynda Noriega William McIntyre Leon F. Drozd, Esq. John Ramirez
of the Valley Campus Coiner, James W.,	James W. Coiner
dba Coiner Nursery Coiner Nursery, LLC County Sanitation District No. 18 of Los Angeles	Stephen R. Wade Ann Heil
Covina, City of Covina Irrigating Company Crevolin, A. J.	Brian Saeki David D. De Jesus A. J. Crevolin
Dawes, Mary Kay DeFalco, John and Carole Del Rio Mutual Water Company	Mary Kay Partridge John and Carole DeFalco Dario Herrera
East Pasadena Water Company El Monte, City of El Monte Cemetery Association	Lawrence M. Morales Mike Rodriguez 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

Garnier, Ruth Elaine Ailor Trust

Gates, James Richard Glendora, City of

Golden State Water Company - San

Dimas District

Golden State Water Company - San

Gabriel Valley District

Green, Walter

Hanson Aggregates West, Inc.

Heinrich, Carolyn

Hemlock Mutual Water Company

Industry Waterworks Systems, City of

Irwindale, City of

JUH #1

Kirklen, Jeffery B.

Knight, William J., Living Trust

Landeros, John

La Puente Valley County Water District

Los Angeles, County of

Loucks, David

Maggiore Family Trust, The

McIntyre, William

Metropolitan Water District of

Southern California
Miller Coors LLC
Monrovia, City of
Monterey Park, City of

Moon Valley Nursery of California, Inc.

Munoz, Ralph E.

NCL Co, LLC

Nicholson Trust, The

Nicholson Family Trust, The

Pellissier Irrevocable QTIP Trust, et

al, Laurence R., Co-tenancy of Pico County Water District

Polopolus, et. al

Progressive Buddhist Association, The

Rados Brothers

Rosedale, Lucy and Harry Edwin III,

Trustees of the Harry E. Rosedale Trust

Rosemead Development LTD.

Rurban Homes Mutual Water Company

Ruth, Roy

Anton C. and Anita Garnier Renee Garnier Poivre

James Richard Gates

Steve Patton
Patrick Scanlon

Benjamin Lewis, Jr.

James M. Byerrum

Michael Rogers Carolyn Heinrich Blanca E. Becerra

Gregory B. Galindo John Davidson

Reiner Kruger

Jeffery B. Kirklen Alison M. Timboe

John Landeros Gregory B. Galindo Maria L. Rubio David Loucks

Valarie Maggiore William McIntyre Timothy J. Schaadt

Courtney Jones Tina Cherry Ron Bow Eugene Ruiz Ralph E. Munoz IV

Robert Bowcock M. L. Whitehead M. L. Whitehead

Lynda Noriega

Mark Grajeda Helen Gaskins Sai A. Myint

Les Brown

Michele Mulrooney

John W Lloyd George W. Bucey

Roy Ruth

ACTIVE PARTY DESIGNEE

San Gabriel Country Club

San Gabriel County Water District

San Gabriel Valley Municipal Water

District

Mark Reed

James Prior

Darin Kasamoto

San Gabriel Valley Water Company
Sierra La Verne Country Club
Donald Johnson
Sierra Madre, City of
Chris Cimino
Sonoco Products Company
Khaleda Hamid

South Pasadena, City of Paul Toor
Southern California Edison Company Erika Clement
Southwest Water Company Richard Rich

Southwest Water Company
Sterling Mutual Water Company
Suburban Water Systems
Sunny Slope Water Company
Richard Rich
Richard Rich
Ken Tcheng

Tate, Phillip G. and Sieglinde A.,

Phillip Tate
Trustees of the Tate Family Trust

Three Valleys Municipal Water District
Tomovich, Nick and Sons
Tran, Hieu
Tyler Nursery

Richard W. Hansen
Nick Tomovich
Hieu Tran
Fumiko Kishi

United Rock Products Corporation Ken Barker

Upper San Gabriel Valley Municipal Steven P. O'Neill Water District

Ursey, William B. Ursey

Valencia Heights Water Company

Valley County Water District

Valley View Mutual Water Company

Vietnamese American Buddhist

Thich Viên Ly

Vietnamese American Buddhist Thích Viên Ly
Temple Congregation

Vulcan Materials Company Robert W. Bowcock

Whittier, City of David Schickling Wilmott, Erma M. Erma M. Wilmott

Workman Mill Investment Company Jeff Nordschow

APPENDIX N STATUS OF SECTION 28 APPLICATIONS

APPENDIX N

STATUS OF SECTION 28 APPLICATIONS As of June 30, 2018

New Well Saxon 4	Appl. No.	Applicant	Type Appl.	Well Name	Approval Date	Permit #
0002 La Puente Valley County Water District Treatment Facility 2, 3, 4 November 6, 1991 0002-TR-110891 0004 California Domestic Water Company New Well Saxon 4 February 19, 1992 0003-NW-021992 0005 California Domestic Water Company New Well 2 February 19, 1992 0004-NW-021992 0006 California Domestic Water Company New Well 2A February 19, 1992 0005-NW-021992 0007 Steffning Mutual Water Company New Well 1AB February 19, 1992 0006-TR-020592 0007 Steffning Mutual Water Company New Well 149W-1 June 3, 1992 0006-TR-020592 0007 Steffning Mutual Water Company New Well 17 Withdrawn 0010 California-American Water New Well 135W-1 September 2, 1992 0010-NW-10294 0011 Suburban Water Systems Destroy Well 135W-1 September 2, 1992 0011-DW-090292 0012 California-American Water New Well Las Lomas Withdrawn 0013 <td>0001</td> <td>City of Glendora</td> <td>New Well</td> <td>5-E</td> <td>October 2. 1991</td> <td>0001-NW-100291</td>	0001	City of Glendora	New Well	5-E	October 2. 1991	0001-NW-100291
0003 Southern California Water Company Occolor New Well Saxon 4 February 19, 1992 February 19, 1992 Octood-DW-021992 0003-NW-021992 0004-DW-021992 0005 California Domestic Water Company Octoor New Well 2A February 19, 1992 2005-FW-021992 0004-DW-021992 0007 Stering Mutual Water Company Office Institute Water Company Treatment Facility New Well B118 February 19, 1992 2006-TW-021992 0006-TW-021992 0008 Suburban Water Systems Destroy Well 149W-1 June 3, 1992 0008-DW-060392 0009 City of Alhambra New Well 17 Withdrawn — 0009 City of Alhambra New Well 17 Withdrawn — 0010 California-American Water New Well 135W-1 September 2, 1992 0011-DW-010292 0011 Suburban Water Systems Destroy Well 135W-1 September 2, 1992 0011-DW-000292 0012 California-American Water New Well Las Lomas Withdrawn — 0013 California-American Water New Well 152W-1		·			,	
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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		•	•			
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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	Destroy Well	Malone 2	May 1, 1996	0059-DW-050196
	Water Company (San Dimas)				
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
0800	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
8800	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

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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	New Well	Richardson 3	Withdrawn	
	Company (San Marino)				
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	Treatment Facility	San Gabriel 1	July 5, 2001	0124-TR-070501
	Water Company (San Gabriel Valley)		San Gabriel 2		
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

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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
0162	Suburban Water Systems Suburban Water Systems	Destroy Well	155W-1	Withdrawn	0.105-DAA-1.10009
0163	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
0166	Suburban Water Systems	Destroy Well	154W-1	February 4, 2004	0167-DW-020404
0167	Suburban Water Systems	Destroy Well	201W-1	December 10, 2003	0168-DW-121003
0169	Southern California	·		,	
0170	Water Company (San Dimas) California-American Water	New Well	Highway 2	July 7, 2004	0169-NW-070704
0171	Company (San Marino) California-American Water	Destroy Well	lvar 1	January 7, 2004	0170-DW-010704
	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	Туре Аррі.	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	0176-DW-080404 0177-DW-090104
0177	San Gabriel Valley Water Company	New Well	2F	October 6, 2004	0177-DW-090104 0178-NW-100604
0178	Suburban Water Systems	Destroy Well	201W-3	June 2, 2004	0179-DW-060204
0179	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	Genesis i	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	3, 4, 3 Well 1	July 6, 2005 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	
0190	San Gabriel Valley Water Company	Treatment Facility	B7	Pending	
0191	San Gabriel Valley Water Company	New Well	IZ-1	Pending	
0192	San Gabriel Valley Water Company	New Well	IZ-1	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	
0190	San Gabriel Valley Water Company	New Well	MZ-3	Pending	
0197	Suburban Water Systems	New Well	151 W-2	October 4, 2006	 0198-NW-100406
0190	San Gabriel Valley Water Company	Destroy Well	2C	Withdrawn	
0200	Golden State Water Company	Destroy Well	Saxon 1	August 1, 2007	0200-DW-080107
	(San Gabriel Valley)				
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 -	Destroy Well	Columbia 1	October 1, 2008	0217-DW-100108
	San Dimas District	•			
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	Destroy Well	Artesia 2	March 4, 2009	0221-DW-030409
	(San Dimas)	-		·	-

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Appl. No.	Applicant	Type Appl.	Well Name	Approval Date	Permit #
0222	Golden State Water Company	New Well	Garvey 3	March 4, 2009	0222-NW-030409
0223	(San Gabriel Valley) Golden State Water Company (San Cabriel Valley)	Treatment Facility	Garvey 3	March 4, 2009	0223-TR-030409
0224	(San Gabriel Valley) Golden State Water Company	Destroy Well	Earle	January 6, 2010	0224-DW-010610
0225	(San Gabriel Valley) Golden State Water Company (San Gabriel Valley)	Destroy Well	Garvey 1	July 1, 2009	0225-DW-070109
0226	(San Gabriel Valley) 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
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

California-American Water	Appl. No.	Applicant	Type Appl.	Well Name	Approval Date	Permit #
Company (Duarte City of El Monte Company New Well B24C November 6, 2013 C262-NW-110613 C262-NW-110613 C262-NW-110613 C262-NW-110613 C262-NW-110613 C263-DW-060414 Company (Duarte) C266 City of Arcadia C263-DW-060414 C263-DW-060416 C263-DW	0260	California-American Water	New Well	Lemon	July 10, 2013	0260-NW-071013
0262 San Gabriel Valley Water Company New Well B24C November 6, 2013 0262-NW-110613 0263 California-American Water Destroy Well Crownhaven 1 June 4, 2014 0263-DW-060414 0264 California-American Water 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		Company (Duarte)			, , , , ,	
California-American Water Company (Duarte) Crownhaven 1	0261	. , ,	Treatment Facility	3	May 14, 2014	0261-TR-051414
Company (Duarte) New Well Crownhaven 2	0262	San Gabriel Valley Water Company	New Well	B24C	November 6, 2013	0262-NW-110613
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 B8 February 4, 2015 0268-DW-120914 0269 San Gabriel Valley Water Company Destroy Well B8 February 4, 2015 0269-DW-120914 0270 California-American Water Destroy Well Blue Ribbon 2 August 5, 2015 0270-DW-080515 0271 California-American Water Destroy Well Murata September 2, 2015 0271-DW-080515 0272 Southern California Edison Company Destroy Well Murata September 2, 2015 0273-DW-090215 0273 Southern California Edison Company Destroy Well B7A January 6, 2016 0273-DW-090215	0263		Destroy Well	Crownhaven 1	June 4, 2014	0263-DW-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 0268-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 Destroy Well Blue Ribbon 2 August 5, 2015 0270-DW-080615 Company (San Marino) Destroy Well Blue Ribbon 1 August 5, 2015 0271-DW-080615 Company (San Marino) Destroy Well Murata September 2, 2015 0272-DW-090215 0272 Southern California Edison Company Destroy Well 2EB76 September 2, 2015 0272-DW-090215 0273 Southern California Edison Company Destroy Well B7A January 6, 2016 0278-DW-090215 0275 San Gabriel Vall	0264	California-American Water	New Well	Crownhaven 2	June 4, 2014	0264-NW-060414
0267 Vuícan Materials Co. Destroy Well Durbin West December 9, 2014 0267-DW-120914 0268 Vuícan 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 Destroy Well Blue Ribbon 2 August 5, 2015 0270-DW-080515 0271 California-American Water 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 0273 Southern California Edison Company Destroy Well BTA January 6, 2016 0273-DW-090215 0274 Covina Irrigating Company Destroy Well BTA January 6, 2016 0274-DW-090215 0275 San Gabriel Valley Water Company Destroy Well BTA January 6, 2016 <t< td=""><td>0265</td><td>, , ,</td><td>New Well</td><td>Lante</td><td>October 1, 2014</td><td>0265-NW-100114</td></t<>	0265	, , ,	New Well	Lante	October 1, 2014	0265-NW-100114
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 Destroy Well Blue Ribbon 2 August 5, 2015 0270-DW-080515 0271 California-American Water Destroy Well Blue Ribbon 1 August 5, 2015 0271-DW-080515 0272 Company (San Marino) Company (San Marino) 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 B7A January 6, 2016 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 0275-DW-010616 0277 San Gabriel Valley Water Company Destroy Well B7D Januar	0266	City of Arcadia	Destroy Well	Baldwin 2	Withdrawn	
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 BTA January 6, 2016 0275-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 0277-DW-010616 0277 San Gabriel Valley Water Company Destroy Well B7D January 6, 2016 0278-DW-010616 0279 San Gabriel Valley Water Company Destroy Well B1A <td>0267</td> <td>Vulcan Materials Co.</td> <td>Destroy Well</td> <td>Durbin West</td> <td>December 9, 2014</td> <td>0267-DW-120914</td>	0267	Vulcan Materials Co.	Destroy Well	Durbin West	December 9, 2014	0267-DW-120914
0270 California-American Water Company (San Marino) Destroy Well Blue Ribbon 1 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 B7C January 6, 2016 0276-DW-010616 0277 San Gabriel Valley Water Company Destroy Well B7D January 6, 2016 0277-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	0268	Vulcan Materials Co.	Destroy Well	Durbin East	December 9, 2014	0268-DW-120914
Company (San Marino) Destroy Well Blue Ribbon 1 August 5, 2015 0271-DW-080515	0269	San Gabriel Valley Water Company	Destroy Well	В8	February 4, 2015	0269-DW-020415
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 B1A January 6, 2016 0279-DW-010616 0281 San Gabriel Valley Water Company Destroy Well B1B	0270		Destroy Well	Blue Ribbon 2	August 5, 2015	0270-DW-080515
0272Southern California Edison CompanyDestroy WellMurataSeptember 2, 20150272-DW-0902150273Southern California Edison CompanyDestroy Well2EB76September 2, 20150273-DW-0902150274Covina Irrigating CompanyDestroy WellContract WellSeptember 2, 20150274-DW-0902150275San Gabriel Valley Water CompanyDestroy WellB7AJanuary 6, 20160275-DW-0106160276San Gabriel Valley Water CompanyDestroy WellB7BJanuary 6, 20160276-DW-0106160277San Gabriel Valley Water CompanyDestroy WellB7CJanuary 6, 20160277-DW-0106160278San Gabriel Valley Water CompanyDestroy WellB7DJanuary 6, 20160278-DW-0106160279San Gabriel Valley Water CompanyDestroy WellB9AJanuary 6, 20160279-DW-0106160280San Gabriel Valley Water CompanyDestroy WellB11AJanuary 6, 20160280-DW-0106160281San Gabriel Valley Water CompanyDestroy WellB11BJanuary 6, 20160281-DW-0106160283San Gabriel Valley Water CompanyDestroy WellAssociationApril 6, 20160282-NW-0406160284San Gabriel Valley Water CompanyDestroy Well1April 6, 20160283-DW-0406160285San Gabriel Valley Water CompanyDestroy Well2April 6, 20160285-DW-0406160286San Gabriel Valley Water CompanyDestroy Well3April 6, 20160285-DW-0406160287A	0271	, , ,	Destroy Well	Blue Ribbon 1	August 5, 2015	0271-DW-080515
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 B11A January 6, 2016 0279-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 1 April 6, 2016		Company (San Marino)				
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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 028	0273	Southern California Edison Company	Destroy Well	2EB76	September 2, 2015	0273-DW-090215
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 0282-NW-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	0274	Covina Irrigating Company	Destroy Well	Contract Well	September 2, 2015	0274-DW-090215
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 0280-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 0287 Arcadia Reclamation Inc. New Well ARI Well March 1, 2017 0287-NW-030117 </td <td>0275</td> <td>San Gabriel Valley Water Company</td> <td>Destroy Well</td> <td>B7A</td> <td>January 6, 2016</td> <td>0275-DW-010616</td>	0275	San Gabriel Valley Water Company	Destroy Well	B7A	January 6, 2016	0275-DW-010616
0278San Gabriel Valley Water CompanyDestroy WellB7DJanuary 6, 20160278-DW-0106160279San Gabriel Valley Water CompanyDestroy WellB9AJanuary 6, 20160279-DW-0106160280San Gabriel Valley Water CompanyDestroy WellB11AJanuary 6, 20160280-DW-0106160281San Gabriel Valley Water CompanyDestroy WellB11BJanuary 6, 20160281-DW-0106160282The Progressive Buddhist AssociationNew WellAssociationApril 6, 20160282-NW-0406160283San Gabriel Valley Water CompanyDestroy Well12April 6, 20160283-DW-0406160284San Gabriel Valley Water CompanyDestroy Well1April 6, 20160284-DW-0406160285San Gabriel Valley Water CompanyDestroy Well2April 6, 20160285-DW-0406160286San Gabriel Valley Water CompanyDestroy Well3April 6, 20160286-DW-0406160287Arcadia Reclamation Inc.New WellARI WellMarch 1, 20170287-NW-0301170288California American WaterDestroy WellGuess WellDecember 6, 20170288-DW-1206170289San Gabriel Valley Water CompanyDestroy Well1CMarch 7, 20180289-DW-0307180290Suburban Water SystemsDestroy Well147 W-3February 7, 20180290-DW-020718	0276	San Gabriel Valley Water Company	Destroy Well	B7B	January 6, 2016	0276-DW-010616
0279San Gabriel Valley Water CompanyDestroy WellB9AJanuary 6, 20160279-DW-0106160280San Gabriel Valley Water CompanyDestroy WellB11AJanuary 6, 20160280-DW-0106160281San Gabriel Valley Water CompanyDestroy WellB11BJanuary 6, 20160281-DW-0106160282The Progressive Buddhist AssociationNew WellAssociationApril 6, 20160282-NW-0406160283San Gabriel Valley Water CompanyDestroy Well12April 6, 20160283-DW-0406160284San Gabriel Valley Water CompanyDestroy Well1April 6, 20160284-DW-0406160285San Gabriel Valley Water CompanyDestroy Well2April 6, 20160285-DW-0406160286San Gabriel Valley Water CompanyDestroy Well3April 6, 20160286-DW-0406160287Arcadia Reclamation Inc.New WellARI WellMarch 1, 20170287-NW-0301170288California American WaterDestroy WellGuess WellDecember 6, 20170288-DW-1206170289San Gabriel Valley Water CompanyDestroy Well1CMarch 7, 20180289-DW-0307180290Suburban Water SystemsDestroy Well147 W-3February 7, 20180290-DW-020718	0277	San Gabriel Valley Water Company	Destroy Well	B7C	January 6, 2016	0277-DW-010616
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 1 C March 7, 2018 0290-DW-030718	0278	San Gabriel Valley Water Company	Destroy Well	B7D	January 6, 2016	0278-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 <td>0279</td> <td>San Gabriel Valley Water Company</td> <td>Destroy Well</td> <td>B9A</td> <td>January 6, 2016</td> <td>0279-DW-010616</td>	0279	San Gabriel Valley Water Company	Destroy Well	B9A	January 6, 2016	0279-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	0280	San Gabriel Valley Water Company	Destroy Well	B11A	January 6, 2016	0280-DW-010616
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	0281	San Gabriel Valley Water Company	Destroy Well	B11B	January 6, 2016	0281-DW-010616
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	0282	The Progressive Buddhist Association	New Well	Association	April 6, 2016	0282-NW-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	0283	San Gabriel Valley Water Company	Destroy Well	12	April 6, 2016	0283-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	0284	San Gabriel Valley Water Company	Destroy Well	1	April 6, 2016	0284-DW-040616
0287Arcadia Reclamation Inc.New WellARI WellMarch 1, 20170287-NW-0301170288California American WaterDestroy WellGuess WellDecember 6, 20170288-DW-1206170289San Gabriel Valley Water CompanyDestroy Well1CMarch 7, 20180289-DW-0307180290Suburban Water SystemsDestroy Well147 W-3February 7, 20180290-DW-020718	0285	San Gabriel Valley Water Company	Destroy Well	2	April 6, 2016	0285-DW-040616
0288California American WaterDestroy WellGuess WellDecember 6, 20170288-DW-1206170289San Gabriel Valley Water CompanyDestroy Well1CMarch 7, 20180289-DW-0307180290Suburban Water SystemsDestroy Well147 W-3February 7, 20180290-DW-020718	0286	San Gabriel Valley Water Company	Destroy Well	3	April 6, 2016	0286-DW-040616
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	0287	Arcadia Reclamation Inc.	New Well	ARI Well	March 1, 2017	0287-NW-030117
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	0288	California American Water	Destroy Well	Guess Well		0288-DW-120617
0290 Suburban Water Systems Destroy Well 147 W-3 February 7, 2018 0290-DW-020718	0289	San Gabriel Valley Water Company	•	1C		
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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, 2018

					er Treated	Total Contamina	nts Removed
Operable Unit	Treatment Facility Owner	Treatment Facility(s)	Start Date 1/	Fiscal Year 2017-18 (Acre-feet)	Accum. Total (Acre-feet)	Fiscal Year 2017-18 (Pounds)	Accum. Total (Pounds)
Olik	Owner	i aciiity(s)	Date II	(Acre-leet)	(Acre-leet)	(Founds)	(Founds)
AREA 3	ALHAMBRA, CITY OF	Well No. 7 Well No. 7, 8, 11 & 12	July 2001 April 2009	— 1,119.00	7,582.35 25,745.80	<u> </u>	130.1 856.0
BPOU	CALIFORNIA DOMESTIC WATER COMPANY	Well No. 3, Well No. 5A Well No. 6, & Well No. 10	September 1993 April 1997	14,964.34	355,661.10	1,251.6	17,418.2
	LA PUENTE VALLEY COUNTY WATER DISTRICT	Well No. 2, 3 & 4 Well No. 2, 3 & 5 (BPOU)	August 1992 January 2000	 3,636.69	11,493.13 60,218.53	 297.6	826.9 11,166.6
	SAN GABRIEL VALLEY WATER COMPANY	Well B6C 5/ Well B6D 5/ Plant B5 (BPOU) Plant B6 (BPOU)	April 1994 April 1994 January 2007 September 2004	— 9,403.11 10,709.40	5,194.17 14,526.27 114,946.11 112,424.24	— 400.5 2,174.6	856.2 421.7 4,696.8 22,603.9
	VALLEY COUNTY WATER DISTRICT	Lante Lante, SA1-1 & SA1-2 (BPOU)	June 1984 December 2004	 4,716.69	7,719.61 75,450.33	 1,174.4	10,356.7 42,381.2
EMOU	ADAMS RANCH MUTUAL WATER COMPANY	Well No. 3 5/	November 2003	_	881.58	_	32.7
	HERMETIC SEAL CORPORATION	Hermetic Seal	May 2012	53.21	354.33	5.4	32.3
	GOULD AND JOHNSON CONTROLS	EMOU (Deep Zone) EMOU (Shallow Zone)	October 2015 October 2015	884.77 34.26	2,049.61 113.40	41.6 5.0	94.8 23.3
	GOLDEN STATE WATER COMPANY (SGV)	Encinita No. 1, 2 & 3	April 1998	1,967.52	28,169.76	48.5	670.1
PVOU	BDP - CARRIER	Carrier	April 1988	53.17	6,771.19	4.8	2,841.8
SEMOU	MONTEREY PARK, CITY OF	Well No. 5 Well No. 9 & 12, 15	September 1999 April 2002	524.66 5,429.63	18,241.17 78,552.12	24.6 1,035.3	1,338.7 13,312.9
	SAN GABRIEL VALLEY WATER COMPANY	Well 8B, 8C, 8D & 8E	August 2002	2,967.66	44,511.81	763.5	6,660.4
	GOLDEN STATE WATER COMPANY (SGV)	San Gabriel No.1 & 2	November 2001	1,502.21	21,163.63	38.2	615.3
WNOU	EPA	WNOU (Shallow Zone) 5/	December 1999	_	30,065.52	_	1,618.9
	SAN GABRIEL VALLEY WATER COMPANY	WNOU (Intermediate Zone) 2/	December 2005	2,390.96	52,020.09	14.8	1,798.1
PRODUCER							
FACILITY	ARCADIA, CITY OF	Longden 1 & 2	January 1985	23.44	70,242.88	0.1	740.0
	BOZUNG	Well B36, F38, F39 & BC34 3/	October 1994	_	233.00	_	131.3
	EL MONTE, CITY OF	Well No. 12 Well No. 10 5/ Well No. 2A	February 1997 May 2004 July 1999	253.15 — 772.96	16,054.30 6,380.82 10,386.57	45.0 — 10.3	1,082.8 43.4 147.6
	EPA	Richwood (North Well) 4/ Richwood (South Well) 4/	April 1990 April 1990	_	451.98	_	5.8
	GOLDEN STATE WATER COMPANY (SD)	Art 2 & 3, Base 3 & 4, Hwy 1	May 2005	1,119.18	19,482.26	23.2	365.0

				Total Water Treated		Total Contaminants Removed	
				Fiscal		Fiscal	
	Treatment			Year	Accum.	Year	Accum.
Operable	Facility	Treatment	Start	2017-18	Total	2017-18	Total
Unit	Owner	Facility(s)	Date 1/	(Acre-feet)	(Acre-feet)	(Pounds)	(Pounds)
	GOLDEN STATE WATER COMPANY (SGV)	Garvey No. 3	June 2016	656.96	1,279.25	5.3	10.6
	HEMLOCK MUTUAL WATER COMPANY	Hemlock (North Well) 5/ Hemlock (South Well) 5/	April 1986 April 1986	_	2,553.65	_	44.6
	MONROVIA, CITY OF	Wells No. 2 & 6 Wells No. 3, 4 & 5	March 1996 October 2007	2,216.86 2,243.28	47,517.36 19,657.39	63.9 23.5	952.9 182.8
	MONTEREY PARK, CITY OF	Well No. 1, 3, 10 & Fern	June 2004	1,499.53	28,625.89	33.3	1,700.6
	SAN GABRIEL VALLEY WATER COMPANY	Well 11B Well B11B Well B7C 6/ Well B4B & B4C Well G4A	March 1991 March 1993 March 1993 January 1999 December 2005	13.65 1,313.29 — — 247.25	44,897.38 48,450.33 46,711.28 24,093.04 4,411.21	0.0 54.9 — — 4.7	319.7 3,235.0 1,824.2 1,233.5 69.9
	SUBURBAN WATER SYSTEMS	Well No. 140W-4 5/	May 2001	_	2,247.59	_	16.2
	VALLEY COUNTY WATER DISTRICT	Maine East & West Nixon East & West	June 1990 January 2004	2,829.86 4,353.34	55,264.09 49,803.29	14.4 17.6	1,819.5 316.9
	WATER QUALITY AUTHORITY	Arrow (Project No. 1) 5/	February 1992	_	7,250.41	_	17,423.0
	AUTHORITY	Big Dalton (Project No. 2) 5/	March 1997	_	1,229.02	_	82.5
		Whitmore Street	January 2008	14.61	312.69	8.9	179.3
		SEMOU	July 1999	_	3,885.19	_	1,558.5
			TOTAL	77,914.64	1,585,276.72	7,636.0	174,239.1

Footnotes:
1/ From date of beginning of operation.
2/ Previously operated by City of Whittier from December 2005 to May 2013.
3/ Treatment facility has been permanently dismantled.
4/ Wells destroyed in June 1999.
5/ Wellfield no longer pumps to treatment facility.
6/ 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 \$115.00 \$132.00	8/ 9/ 10/	10.00%
1991-92	\$12.50	\$5.00	\$1.50	\$0.30		\$178.40 \$120.00 \$176.40	8/ 9/ 10/	10.00%
1992-93	\$9.00		\$0.50	\$0.60			8/,10/ 9/	10.00%
1993-94	\$6.00		\$0.50	\$1.10		\$120.00	8/,10/ 9/	10.00%
1994-95	\$8.50		\$0.50	\$0.65		\$242.45 \$130.00	9/	10.00%
1995-96	\$8.50		\$0.50	\$0.65		\$242.45 \$130.00 \$239.00	8/ 9/ 10/	10.00%
1996-97	\$7.00		\$0.00	\$0.65		\$246.65 \$130.00	8/,10/ 9/	10.00%
1997-98	\$7.00		\$0.00	\$1.50		\$246.65 \$130.00 \$245.00	8/ 9/ 10/	10.00%
1998-99	\$7.50		\$0.00	\$1.70		\$246.65 \$130.00 \$245.00	8/ 9/ 10/	10.00%

Fiscal Year 1/	Administration 2/	Special Administration 3/	Make-up 4/	In-lieu 5/	Water Resource Development 6/	Replacement 7/	Delinquent Payment Interest Rate
1999-00	\$8.45		\$0.00	\$1.40		\$246.65 8	/ 10.50%
						\$130.00 9	/
						\$245.00 10	1
2000-01	\$7.00		\$0.00	\$0.50		\$246.65 8	/ 10.00%
						\$130.00 9	1
						\$245.00 10	
2001-02	\$6.00		\$0.00	\$0.40		\$246.65 8	/ 10.00%
						\$153.00 9	/
						\$265.00 10	
2002-03	\$6.50		\$0.00	\$1.00		\$246.65 a	/ 10.00%
						\$147.00 9	/
						\$265.00 10	
2003-04	\$9.00		\$0.00	\$1.05		\$246.65	
						\$165.00 9	/
						\$265.00 10	
2004-05	\$12.75		\$0.00	\$1.20		\$246.65	/ 10.00%
						\$130.00 9	/
						\$265.00 10	
2005-06	\$7.00		\$0.00	\$1.25		\$251.90	/ 10.00%
						\$130.00	
						\$238.00 10	
2006-07	\$7.50		\$0.00	\$1.50		\$251.90	
						\$130.00 g	
	4= 00		40.00			\$238.00 10	
2007-08	\$5.00		\$0.00	\$1.40		\$251.90 8	
						\$130.00	
0000 00	# 40.00		#0.00	ΦE 0Ε		\$261.00 10	
2008-09	\$10.00		\$0.00	\$5.05		\$450.00 8	
						\$130.00 g	
2000 10	¢44.7E		ድር ዕር	¢4.05		\$387.00	
2009-10	\$11.75		\$0.00	\$1.25		\$587.00 8 \$130.00 9	
2010-11	\$13.00		\$0.00	\$1.00			
2010-11	φ13.00		φυ.υυ	φ1.00			
						\$130.00 9 \$409.00 10	
2011-12	\$13.00		\$0.00	\$2.05		\$640.00	
2011-12	ψ10.00		ψ0.00	Ψ2.00		\$130.00 g	
						\$559.00 10	
2012-13	\$15.00		\$0.00	\$2.05		\$673.00	
2012-10	ψ10.00		ψυ.υυ	Ψ2.00	-	\$130.00 g	
						\$600.00	
2013-14	\$15.00		\$0.00	\$2.05		\$773.00	
2010-14	ψ10.00		Ψ0.00	Ψ2.00		\$230.00	
						\$700.00	
						ψ, σσ.σσ	•

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/	10.00%
						\$145.00	9/	
						·	10/	
2015-16	\$15.00		\$0.00	\$10.00	\$20.00	\$773.00	8/	10.00%
						\$165.00	9/	
						\$700.00	10/	
2016-17	\$15.00		\$0.00	\$10.00	\$40.00	\$869.00	8/	10.00%
						\$165.00	9/	
						\$779.00	10/	
2017-18	\$15.00		\$0.00	\$10.00	\$70.00	\$898.00	8/	10.00%
						\$185.00	9/	
						\$795.00	10/	

- 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 ADMINISTRATION BUDGET 2018-2019



2018-19 Adopted Administration Budget

REVENUE		2017-18 Adopted Budget		2017-18 Estimated Actual	2018-19 Adopted Budget
Administrative Assessment*	\$	2,850,000	\$	2,926,841	3,000,000
Settlement Income	_		_	-	-
Section 28 - Staff Reports/Permits		_		_	_
BPOU Reimbursements		185,500		80,000	145,000
Interest Income		10,000		10,000	10,000
Admin/Other Income		285,500		285,000	292,200
Transfer-Special Assessment Fund		, -		, -	_
Forward from Previous Fiscal Year		1,011,169		1,151,033	1,002,174
TOTAL REVENUE	\$	4,342,169	\$	4,452,874	\$ 4,449,374
EXPENSES					
Watermaster Board Compensation	\$	20,000	\$	18,500	20,000
Salaries, Benefits & Employee Development		1,637,000		1,450,000	1,670,180
Meeting and Travel		18,500		19,000	20,000
Vehicle Expense		13,500		12,500	13,500
Insurance		29,750		32,000	33,000
Office Supplies, Services, Rent and O&M		251,200		245,000	259,000
Legal Services		600,000		400,000	575,000
Audit		25,000		18,200	25,000
Ready-to-Serve Charges		99,500		99,500	99,500
Public Education		20,000		20,000	20,000
Engineering		500,000		450,000	473,000
Production Reporting		6,000		6,000	6,000
Water Quality Monitoring		480,000		440,000	776,000
Inspection/Meter Checks		40,000		40,000	40,000
Water Quality Management		220,000		200,000	220,000
Contingency (Balance Figure)*		381,719		-	 199,194
TOTAL EXPENSES	\$	4,342,169	\$	3,450,700	\$ 4,449,374

^{*} Figure based on Administrative Assessment of \$15.00/AF (\$15.00/AF X 200,000 AF = \$3,000,000)

APPENDIX R AUDIT OF FINANCIAL STATEMENTS

MAIN SAN GABRIEL BASIN WATERMASTER

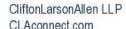
REPORT ON AUDIT OF FINANCIAL STATEMENTS June 30, 2018 and 2017



MAIN SAN GABRIEL BASIN WATERMASTER REPORT ON AUDIT OF FINANCIAL STATEMENTS June 30, 2018 and 2017

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INDEPENDENT AUDITORS' REPORT

To the Watermaster Board Main San Gabriel Basin Watermaster 725 North Azusa Avenue Azusa, California 91702

We have audited the accompanying financial statements of the Main San Gabriel Basin Watermaster (Watermaster) which comprise the balance sheets as of June 30, 2018 and 2017, and the related statements of revenues, expenses and changes in net assets, and cash flows for the years then ended, and the related notes to the financial statements.

Management's Responsibility for the Financial Statements

Management is responsible for the preparation and fair presentation of these financial statements in accordance with accounting principles generally accepted in the United States of America; this includes 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

Auditor's Responsibility

Our responsibility is to express an opinion on these financial statements based on our audits. We conducted our audits in accordance with auditing standards generally accepted in the United States of America. Those standards require that we plan and perform the audit to obtain reasonable assurance about whether the financial statements are free from material misstatement.

An audit involves performing procedures to obtain audit evidence about the amounts and disclosures in the financial statements. The procedures selected depend on the auditor's judgment, including the assessment of the risks of material misstatement of the financial statements, whether due to fraud or error. In making those risk assessments, the auditor considers internal control relevant to the entity's preparation and fair presentation of the financial statements 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 the entity's internal control. Accordingly, we express no such opinion. An audit also includes evaluating the appropriateness of the accounting policies used and the reasonableness of significant accounting estimates made by management, as well as evaluating the overall presentation of the financial statements.



To the Watermaster Board Main San Gabriel Basin Watermaster

We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our audit opinion

Opinion

In our opinion, the financial statements referred to above present fairly, in all material respects, the financial position of the Main San Gabriel Basin Watermaster as of June 30, 2018 and 2017, and the respective changes in its net assets and its cash flows for the years then ended in accordance with accounting principles generally accepted in the United States of America.

Other Matters

We have applied certain limited procedures to the information identified in the accompanying table of contents as Management's Discussion and Analysis in accordance with auditing standards generally accepted in United States of America, which consisted of inquiries of management about the methods of preparing the information and comparing the information for consistency with management's responses to our inquiries, the basic financial statements, and other knowledge we obtained during our audit of the basic financial statements. We do not express an opinion or provide any assurance on the information because the limited procedures do not provide us with sufficient evidence to express an opinion or provide any assurance.

Our audit was conducted for the purpose of forming an opinion on the financial statements as a whole. The supplementary schedules on pages 16 through 18 are presented for purposes of additional analysis and are 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 actual results of operations presented in the supplementary schedules have 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 auditing standards generally accepted in the United States of America. In our opinion, the information is fairly stated in all material respects in relation to the financial statements as a whole.

The annual budget information has not been subjected to the auditing procedures applied in the audit of the basic financial statements, and accordingly, we do not express an opinion or provide any assurance on it.

CliftonLarsonAllen LLP Glendora, California

Clifton Larson Allen LLP

September 26, 2018

MANAGEMENT'S DISCUSSION AND ANALYSIS

MANAGEMENT'S DISCUSSION AND ANALYSIS June 30, 2018 and 2017

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 Costs. 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, along with money collected through the In-Lieu Assessment and a Special Administrative Assessment collected in 1991-1992, to help pay for groundwater clean-up activities.

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 2016-17. 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.

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 for several years 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 as a source of money to pre-purchase water for basin storage and reliability. On May 14, 2014, the Board adopted Resolution No. 05-14-263 establishing the Water Resource Development Assessment (RDA I) 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

MANAGEMENT'S DISCUSSION AND ANALYSIS June 30, 2018 and 2017

Background (continued)

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.

On May 3, 2017, the Watermaster Board adopted Resolution No. 05-17-286 setting FY the 2016-17 assessment rates, including RDA, on all water produced during FY 2016-17. RDA II includes a 5-year schedule for the RDA assessment, that would facilitate funding the purchase of MWD's cyclic delivery.

Summary of Financial Information

For the year ending June 30, 2018, Watermaster's Total Assets increased by 9% to \$34.039 million, including an increase of 6% in Net Assets to \$31.841 million. The Administrative Fund had a net increase of \$1.5 million primarily due to increases in production and LAIF interest rates, a reduction in legal expenses, and unused contingency expense, as well as lower salaries and benefits due to staff attrition. The Replacement Fund had a net increase of \$152,000 due to higher LAIF Interest Rates, and a Gain on Sale of Prepurchased Water. The Make-Up Obligation Fund also had a net increase of \$95,000 due to the increase in LAIF Rates.

Current liabilities includes the accounts payable of \$1 million for WNOU Replacement Water for Production Year 2016-17, collected late in the fiscal year. The Replacement Water Order will be fulfilled by the end of the 2018 calendar year.

Noncurrent Liabilities increased by \$11,000 for a loan on a new telephone system, and \$127,000 for the Other Postemployment Benefits (OPEB). Watermaster's Actuarial Valuation is done every two years, which includes the following year's projections. This inclusion has helped to reduce a larger adjustment for prior years; although, this year we had a larger increase due to an employee retiring earlier than expected, and an update to the implicit subsidy calculation. Currently, Watermaster funds retiree health benefits on a pay-as-you-go basis by withholding a portion of employee annual salary Cost of Living Adjustments (COLA). The 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, 2018, is greater than the projected Accumulated Postretirement Benefit Obligation at June 30, 2018.

MANAGEMENT'S DISCUSSION AND ANALYSIS June 30, 2018 and 2017

Review of Revenues and Expenses

The Administrative Assessment revenue increased from the prior year due to higher production as a result of Governor Brown declaring the end of the drought emergency in April 2017 (181,809 AF assessed in FY 2016-17 for water produced in 2015-16 vs. 195,123 AF assessed in FY 2017-18 for water produced in 2016-17), the assessment remained the same at \$15 per acrefoot. There was a decrease in Engineering Expenses by about \$200,000 primarily due to lower Water Resource Development Assessment Calculations and the completion of the Engineering Model Upgrade.

Operating revenues in the Replacement Water Fund increased by \$5 million primarily due to the RDA Assessment going from \$20/AF to \$40/AF. Also, due to increased production, there was a higher Replacement Water Obligation. In FY 2017-18, Cyclic Storage Water purchases decreased by \$14 million from prior year due to existing Producer balances from previous purchases and Watermaster's RDA purchase. Also, in FY 2017-18, there was an increase in Water Purchases Expense by \$7.8 million as a result of RDA II Water Purchases treated as an expense for the benefit of the basin versus the prior year RDA I posted as prepurchased water, as an asset on the balance sheet.

The In-Lieu Assessment revenue increased by \$132,000 due to higher production, while the assessment remained the same at \$10 per acre-foot. This assessment covers the Direct Delivery In-Lieu Water Purchases Program, the Alhambra Exchange Agreement, and the MWD Capacity Charge assessed for taking imported water during peak demand.

Comparison of FY 2017-18 Administration Budget to Actual Revenues and Expenses

Administrative Assessment revenue came in higher than the budgeted amount due to higher water production, most likely a result of the Governors declaration ending California's drought. Other Income and Reimbursements was \$138,000 lower than budgeted due to the retirement of the BPOU Project Accountant. The Interest Income was \$62,000 higher than budgeted due to higher LAIF interest rates, 0.8% during budget preparation vs. 1.9% end of FY 2017-18.

Overall, Engineering and related expenses came in lower than budget by approximately 28%. Under the Groundwater Management Strategies item, staff budgeted \$30,000 expecting to continue drought response activities such as groundwater modeling and anticipated system inter-ties that was not spent. Another line item coming in less than anticipated was the Model Upgrade which was completed, pending QA/QC. Additionally, savings were seen in WQ Management under the Quagga Mussel Plan by \$19,000 as Watermaster works with neighboring agencies to develop a plan with a

MANAGEMENT'S DISCUSSION AND ANALYSIS June 30, 2018 and 2017

<u>Comparison of FY 2017-18 Administration Budget to Actual Revenues and Expenses (continued)</u>

more regional approach, as well as in Groundwater Monitoring Network by managing more efficiently and coordinating site visits. WQ Monitoring was over budget by \$3,000 in part by including lab invoices received for services rendered March thru May of \$33,000 but received after June 30, in the Audit as adjusted journal entries.

Legal expenses for the year were budgeted to include work associated with ESA's, statewide water rights concerns, and impacts to Basin management from proposed legislation. In total, Legal expenses for fiscal year 2017-18 were 69% lower than budgeted.

Areas of higher than budgeted expenditures include General Engineering which included work associated with the annual reporting required under the Sustainable Groundwater Management Act, information and preparation relative to Watermaster's annual status conference with Presiding Judge Duffy-Lewis, and accounting in cyclic storage, replacement water and in-lieu calculations. Additionally, Watermaster was asked to participate with MWD on the planning and technical engineering of the proposed Carson Recycled Water Project. This work was not anticipated in the budget and expenditures came in at approximately \$5,000 for the year. Engineering work relating to the Whittier Narrows Operable Unit were higher this year due to DTSCs elevation of the project remedy and efforts to secure Prop 1 Funding. Title 22 sampling also came in higher than expected as a result of the release of new sampling regimes for certain constituents (PFOS and PFOA).

Budget savings were seen in several areas including salaries and benefits, posting 9.7% lower than expected, primarily a result of staff changes (new employees lower on salary schedule), a reduction in employee training, and office expense by 19%. The contingency line item of \$382,000 was left unused for FY 2017-18.

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.

FINANCIAL SECTION

BALANCE SHEETS June 30, 2018 and 2017

ASSETS

	2018	2017
CURRENT ASSETS		
Cash and cash equivalents	\$ 25,762,563	\$ 16,279,166
Accounts receivable	258,147	677,556
Due from BPOU committee	140,145	277,130
Accrued interest receivable	86,777	29,294
Prepaid water purchases and other expenses	7,763,455	13,952,033
Employee loans receivable	4,333	1,081
Total current assets	34,015,420	31,216,260
NONCURRENT ASSETS		
Equipment and leasehold improvements, net	23,802	12,710
Total noncurrent assets	23,802	12,710
TOTAL ASSETS	\$ 34,039,222	\$ 31,228,970
LIABILITIES AND NET	Γ ASSETS	
CURRENT LIABILITIES		
Accounts payable	\$ 1,784,890	\$ 917,960
Accrued vacation	41,115	31,588
Deferred revenue	32,180	-
Current portion of long-term debt	2,693	-
Total current liabilities	1,860,878	949,548
NONCURRENT LIABILITIES	, ,	,
Noncurrent portion of long-term debt	11,486	-
Postretirement benefit obligation	325,839	198,648
Total noncurrent liabilities	337,325	198,648
Total liabilities	2,198,203	1,148,196
NET ASSETS		
Unrestricted - administrative	7,145,846	5,633,358
Legally restricted - replacement	11,450,908	11,298,489
Legally restricted - make-up	13,244,265	13,148,927
Total net assets	31,841,019	30,080,774
TOTAL LIABILITIES AND NET ASSETS	\$ 34,039,222	\$ 31,228,970

See independent auditors' report and accompanying notes to financial statements.

STATEMENTS OF REVENUES, EXPENSES AND CHANGES IN NET ASSETS For the Years Ended June 30, 2018 and 2017

	2018	2017	
OPERATING REVENUES			
Administrative assessments, net	\$ 2,926,841	\$ 2,727,128	
In-lieu assessments	1,950,194	1,817,967	
Replacement assessments, net	10,391,180	5,097,838	
Cyclic storage	15,080,076	29,222,771	
Other income and reimbursements	333,251	421,851	
Total revenues	30,681,542	39,287,555	
OPERATING EXPENSES			
Water purchases	11,374,299	3,525,163	
Cyclic storage	14,065,262	29,186,239	
Engineering fees	403,802	632,308	
Water quality monitoring	482,950	335,792	
Water quality management	178,455	144,053	
Administrative and general	2,187,337	2,377,341	
Depreciation expense	3,602	3,743	
Total operating expenses	28,695,707	36,204,639	
In-lieu expenses	505,025	460,057	
Total expenses	29,200,732	36,664,696	
OPERATING INCOME	1,480,810	2,622,859	
NONOPERATING REVENUES (EXPENSES)			
Interest income and other income (expense)	376,233	160,208	
Unrealized gain (loss) on investments	16,074	(16,074)	
Postretirement-related changes other than net			
periodic benefit cost	(112,872)	(1,036)	
Total nonoperating revenues	279,435	143,098	
CHANGES IN NET ASSETS	1,760,245	2,765,957	
NET ASSETS - BEGINNING OF YEAR	30,080,774	27,314,817	
NET ASSETS - END OF YEAR	\$ 31,841,019	\$ 30,080,774	

See independent auditors' report and accompanying notes to financial statements.

STATEMENTS OF CASH FLOWS For the Years Ended June 30, 2018 and 2017

	2018	2017
CASH FLOWS FROM OPERATING ACTIVITIES:		
Change in net assets	\$ 1,760,245	\$ 2,765,957
Adjustments to reconcile changes in net assets to net cash		
provided by operating activities:		
Loss on disposal of assets	-	287
Depreciation	3,602	3,743
Postretirement benefit related changes	127,191	11,110
Changes in operating assets and liabilities:		
Accounts receivable	419,409	806,454
Due from BPOU committee	136,985	(83,829)
Prepaid expenses	6,188,578	(3,082,559)
Accounts payable	866,930	(287,910)
Accrued payroll and benefits	9,527	(91,719)
Deferred revenue	 32,180	<u> </u>
Net cash provided by operating activities	 9,544,647	41,534
CASH FLOWS FROM INVESTING ACTIVITIES:		
Net change in accrued interest receivable	(57,483)	(15,995)
Cash received (advanced) for employee loans	(3,252)	2,796
Net cash provided (used) by investing activities	 (60,735)	(13,199)
CASH FLOWS FROM FINANCING ACTIVITIES:		
Cash paid for principal payments on note	(515)	-
Net cash used by financing activities	 (515)	
Net increase in cash and cash equivalents	9,483,397	28,335
CASH AND CASH EQUIVALENTS, BEGINNING OF YEAR	 16,279,166	16,250,831
CASH AND CASH EQUIVALENTS, END OF YEAR	\$ 25,762,563	\$ 16,279,166
SUPPLEMENTARY NON-CASH DISCLOSURE:		
Purchase of debt financed equipment	\$ 14,694	\$ -

See independent auditors' report and accompanying notes to financial statements.

NOTES TO THE FINANCIAL STATEMENTS June 30, 2018 and 2017

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 are prepared under the accrual method of accounting using accounting principles generally accepted in the United States of America (US GAAP).

Watermaster incorporates proprietary fund accounting which is similar to the principles applied to a business in the private sector. Revenues earned and expenses incurred are recognized and classified on an accrual basis. The measurement focus is on determination of financial position, changes in net assets and cash flows.

Watermaster classifies its net assets into two categories as described below:

Legally Restricted - This component of net assets consists of restraints placed on net asset use through external constraints imposed by laws and regulations of other governments or constraints imposed by law through constitutional provisions or enabling legislation.

Unrestricted - This component of net assets consists of net assets that do not meet the definition of "restricted."

NOTES TO THE FINANCIAL STATEMENTS June 30, 2018 and 2017

NOTE 1: SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES

• Unrestricted cash and cash equivalents at June 30, 2018 and 2017 include \$369,977 and \$322,190, respectively, that the board designated for future other postretirement benefit obligations.

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, 2018 and 2017, 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.

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 plantoestruction 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 toakeen 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, 2018 and 2017 was \$3,602 and \$3,743, respectively.

Income Taxes

On July 31, 1981, Watermaster received a ruling from the Internal Revenue Service exempting it from federal income taxes. A similar ruling was received from the California State Franchise Tax Board on October 16, 1981.

US GAAP requires management to evaluate tax positions taken by Watermaster and recognize a tax liability (orfasset) i 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

NOTES TO THE FINANCIAL STATEMENTS June 30, 2018 and 2017

NOTE 1: SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES

Watermaster, and has concluded that as of June 30, 2018, 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.

Classification of Revenue

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. Non-operating revenues are those derived primarily from investment income. Water production assessments include: Administrative, In-Lieu, Make-up Water, Replacement and Water Resource Development. Assessments are billed on a yearly basis.

Use of Estimates

In preparing financial statements in conformity with US 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.

NOTES TO THE FINANCIAL STATEMENTS June 30, 2018 and 2017

NOTE 2: CASH DEPOSITS AND INVESTMENTS

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.

NOTE 3: EQUIPMENT AND LEASEHOLD IMPROVEMENTS

Equipment and leasehold improvements consisted of the following:

	 2018	2017
Furniture and equipment	\$ 218,507	\$ 216,343
Leasehold improvements	 27,496	27,496
	246,003	243,839
Less accumulated depreciation	 (222,201)	(231,129)
Equipment and leasehold improvements, net	\$ 23,802	\$ 12,710

NOTES TO THE FINANCIAL STATEMENTS June 30, 2018 and 2017

NOTE 4: LOAN AGREEMENT

As of June 1, 2018, Watermaster entered into a loan agreement to purchase certain capital equipment. Interest on the loan is at 9.5% with a loan term of 48 months. Future loan obligations under the agreement are as follows:

Year Ending June 30,	Future Principal Payments
	_
2019	\$ 2,693
2020	3,500
2021	3,799
2022	4,187
	\$ 14,179

NOTE 5: 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, 2018 and 2017 was \$81,309, and \$77,171, 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, 2018. 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 non-cancelable leases. Future minimum rental commitments under these leases are as follows:

	Minimum
	Lease
Year Ending June 30,	Commitment
2019	\$ 6,544
2020	2,315
	\$ 8,859

Rental expense for the years ended June 30, 2018 and 2017 was \$16,803 and \$15,456, respectively.

NOTES TO THE FINANCIAL STATEMENTS June 30, 2018 and 2017

NOTE 6: 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 6.25% 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 8.921% and 6.533% 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, 2018, Watermaster's annual pension cost of \$198,371 for CalPERS was equal to Watermaster's required and actual contributions. The required contribution rates for 2018-19 are 9.409% and 6.842% of annual covered payroll for Classic Members and PEPRA Members, respectively.

Funded Status

The following information summarizes the funded status of the CalPERS Plan as of June 30, 2017 measurement date, the most recent actuarial valuation date available:

	<u>Plan-wide Information</u>			
Total pension liability	\$	37,161,348		
Less: Plan fiduciary net position		27,244,095		
Plan net pension liability	\$	9,917,253		
Funded Ratio		73.31%		

NOTES TO THE FINANCIAL STATEMENTS June 30, 2018 and 2017

NOTE 7: POSTRETIREMENT HEALTH BENEFIT PLAN

Watermaster provides medical coverage to eight active employees and two retired employees 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 of age 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, 2018, the fund's designated balance was \$369,977.

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

	2018		2017	
Plan obligations and funded status:				_
Projected benefit obligation at June 30	\$	325,839	\$	198,648
Plan assets at fair value at June 30		<u>-</u>		<u>-</u>
Unfunded status at end of year	\$	325,839	\$	198,648
Employer contributions	\$	26,824	\$	12,516
Plan participants' contributions	\$	-	\$	-
Benefits paid	\$	26,824	\$	12,516

Amount recognized in the statements of financial position at June 30, 2018 and 2017 consists of:

	2018		2017		
Other postretirement benefit obligation	\$	325,839	\$	198,648	

NOTES TO THE FINANCIAL STATEMENTS June 30, 2018 and 2017

NOTE 7: POSTRETIREMENT HEALTH BENEFIT PLAN

Amount recognized in the statement of revenues, expenses and changes in net assets at June 30, 2018 and 2017, consists of:

	2018		2018 201		2017
Service cost	\$ 1	6,381	\$	16,124	
Interest cost	1	2,934		7,502	
Amortization of transition obligation	1	1,828		(1,036)	
Net periodic benefit cost	4	1,143		22,590	
Total postretirement-related changes other than net					
periodic benefit cost	11	2,872		1,036	
Total amount recognized in the statement of revenues,					
expenses and changes in net assets	\$ 15	4,015	\$	23,626	

Other changes in plan assets and benefit obligations previously recognized in changes in unrestricted net assets:

	2018		2017	
Actuarial loss	\$	(85,942)	\$	(26,930)
Amounts previously recognized in unrestricted net				
assets, not yet recognized as periodic benefit cost				
at June 30	\$	(85,942)	\$	(26,930)

Weighted-average assumption used to determine benefit obligations as of June 30, 2018 and 2017:

	2018	2017
Discount rate	4.00%	4.00%
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)	5.00%	5.00%
Year that the rate reaches the ultimate trend rate	5+ years	5+ years

NOTES TO THE FINANCIAL STATEMENTS June 30, 2018 and 2017

NOTE 7: POSTRETIREMENT HEALTH BENEFIT PLAN

Watermaster expects to contribute \$13,657 to the plan during the next fiscal year ended June 30, 2019. The following is a projection of expected future benefit payments under the plan:

Year Ending		
June 30	 Amount	
2019	\$ 13,657	
2020	15,191	
2021	17,169	
2022	24,394	
2023	27,129	
Thereafter	144,899	

NOTE 8: 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 percent 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.

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 5-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 payers. As of June 30, 2018, all funds collected through the RDA program to purchase water fall under the RDA II facet.

NOTES TO THE FINANCIAL STATEMENTS June 30, 2018 and 2017

NOTE 9: <u>DIRECT DELIVERY IMPORTED WATER PROGRAM</u>

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 10: SUBSEQUENT EVENTS

Watermaster has evaluated subsequent events through September 26, 2018, which is the date these 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 ADMINISTRATIVE FUND

SCHEDULE OF REVENUES, EXPENSES AND CHANGE IN NET ASSETS For the Year Ended June 30, 2018

	Annual		Budget vs.
	Budget	Actual	Actual
	(unaudited)		
OPERATING REVENUES			
Administrative assessments, net	\$ 2,850,000	\$ 2,926,841	\$ 76,841
In-lieu assessments	1,950,194	1,950,194	(127.740)
Other income and reimbursements	471,000	333,251	(137,749)
Total revenues	5,271,194	5,210,286	(60,908)
OPERATING EXPENSES			
Watermaster compensation	20,000	12,700	(7,300)
Salaries and benefits	1,637,000	1,477,703	(159,297)
Meeting and travel	18,500	17,635	(865)
Vehicle expense	13,500	11,533	(1,967)
Insurance	29,750	29,151	(599)
Engineering fees	500,000	357,537	(142,463)
Production reporting	6,000 600,000	2,960 185,115	(3,040)
Legal fees Accounting and auditing	25,000	18,200	(414,885) (6,800)
Inspection and meter charges	40,000	43,305	3,305
Contingencies	381,719	-	(381,719)
Water quality monitoring	480,000	482,950	2,950
Ready to serve	99,500	99,480	(20)
Depreciation expense	-	3,602	3,602
Water quality management	220,000	178,455	(41,545)
Public education	20,000	7,238	(12,762)
Building lease	88,000	81,309	(6,691)
Office improvements	10,000	9,630	(370)
Postage and meter lease Copier lease/usage	6,000 9,000	6,062 10,741	62 1,741
Telephone	10,200	9,334	(866)
Printing	13,000	9,734	(3,266)
Office supplies and services	45,000	36,281	(8,719)
Dues	33,000	27,709	(5,291)
Equipment maintenance agreements	22,000	21,969	(31)
Computer/office equipment	15,000	14,813	(187)
Total operating expenses	4,342,169	3,155,146	(1,187,023)
In-lieu expenses - Alhambra Exchange & capacity charge	505,025	505,025	-
Total expenses	4,847,194	3,660,171	(1,187,023)
OPERATING INCOME	424,000	1,550,115	1,126,115
NONOPERATING REVENUES (EXPENSES)			
Interest income and other income (expense)	10,000	71,770	61,770
Unrealized loss on investments	-	3,475	3,475
Postretirement-related changes other than net			
periodic benefit cost		(112,872)	(112,872)
Total nonoperating revenues	10,000	(37,627)	(47,627)
CHANGE IN NET ASSETS	\$ 434,000	1,512,488	\$ 1,078,488
NET ASSETS - BEGINNING OF YEAR		5,633,358	
NET ASSETS - END OF YEAR		\$ 7,145,846	

MAIN SAN GABRIEL BASIN WATERMASTER REPLACEMENT WATER FUND

SCHEDULE OF REVENUES, EXPENSES AND CHANGE IN NET ASSETS For the Year Ended June 30, 2018

OPERATING REVENUES	
Assessments, net	\$ 10,391,180
Cyclic storage water	15,080,076
Total revenues	25,471,256
OPERATING EXPENSES	
Water purchases	11,374,299
Cyclic storage water	14,065,262
Total expenses	25,439,561
OPERATING INCOME	31,695
NONOPERATING REVENUES	
Interest income	72,495
Gain on sale of prepurchased water	49,580
Unrealized loss on investments	(1,351)
Nonoperating revenues	120,724
CHANGE IN NET ASSETS	152,419
NET ASSETS - BEGINNING OF YEAR	11,298,489
NET ASSETS - END OF YEAR	\$ 11,450,908

MAIN SAN GABRIEL BASIN WATERMASTER MAKE-UP OBLIGATION FUND

SCHEDULE OF REVENUES, EXPENSES AND CHANGE IN NET ASSETS For the Year Ended June 30, 2018

OPERATING EXPENSES	
San Gabriel River Watermaster	\$ 101,000
Net operating expenses	101,000
OPERATING LOSS	(101,000)
NONOPERATING REVENUES	
Interest income	182,388
Unrealized gain on investments	13,950
Nonoperating revenues	196,338
CHANGE IN NET ASSETS	95,338
NET ASSETS - BEGINNING OF YEAR	13,148,927
NET ASSETS - END OF YEAR	\$ 13,244,265

